TestAmerica
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ANALYTICAL REPORT

Job Number: 460-72174-1

Job Description: Former McCandless Fuel Site

For:
Antea USA, Inc.
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Attention: Ms. Carla Nascimento

Approved for release.
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3/19/2014 2:53 PM

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CASE NARRATIVE

Client: Antea USA, Inc.

Project: Former McCandless Fuel Site

Report Number: 460-72174-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 3/7/2014 2:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 0.1º C, 0.1º C, 0.1º C and 0.1º C.

Except:

One container (1 DI vial from the set of Terracores) was received broken from sample PMP-7sw-wt (460-72174-32).

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples PMP-14SW-VS (460-72174-1), PMP-23SW-VS (460-72174-2), PMP-23SW-VD (460-72174-3), PMP-23SW-WT (460-72174-4), PMP-8SW-VS (460-72174-5), PMP-4SW-VS (460-72174-6), PMP-4SW-VD (460-72174-7), PMP-22SW-VS (460-72174-8), PMP-22SW-VD (460-72174-9), PMP-22SW-WT (460-72174-10), PMP-5SW-WT (460-72174-11), PMP-5SW-SI (460-72174-12), PMP-6SW-VD (460-72174-13), PMP-6SW-WT (460-72174-14), PMP-6SW-SI (460-72174-15), PMP-2SW-VD (460-72174-16), PMP-2SW-WT (460-72174-17), PMP-2SW-SI (460-72174-18), PMP-24SW-VS (460-72174-19), PMP-24SW-VD (460-72174-20), PMP-10SW-SD (460-72174-21), PMP-13SW-WT (460-72174-22), PMP-13SW-SI (460-72174-23), PMP-13SW-SD (460-72174-24), PMP-28SW-VD (460-72174-25), PMP-28SW-WT (460-72174-26), PMP-28SW-SI (460-72174-27), PMP-24SW-WT (460-72174-29), PMP-24SW-SI (460-72174-30), PMP-7SW-VD (460-72174-31), PMP-7SW-WI (460-72174-32), PMP-7SW-SI (460-72174-33), PMP-9SW-VD (460-72174-34), PMP-9SW-WT (460-72174-35), PMP-9SW-SI (460-72174-36), PMP-10SW-WI (460-72174-37) and PMP-10SW-SI (460-72174-38) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 03/08/2014 and analyzed on 03/13/2014, 03/14/2014, 03/15/2014 and 03/16/2014.

Acetone was detected in method blanks MB 460-212326/6 and MB 460-212478/7 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Acetone was detected in method blank MB 460-212576/6 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The laboratory control sample (LCS) for batch 212239 recovered outside control limits for the following analytes: Chloroethane and 2-Hexanone. These analytes were biased high in the LCS and were not detected in the associated sample; therefore, the data have been reported.

The laboratory control samples (LCS) for batches 212315, 212509, and 212770 recovered outside control limits for the following analyte: 2-Hexanone. This analyte was biased high in the LCS and was not detected in the associated sample; therefore, the data have been reported.

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch 212899 recovered outside control limits for the following analytes: Methyl acetate, Chlorobromomethane, Tetrachloroethene. The data has been flagged and reported.

The laboratory control sample duplicate (LCSD) for batch 212905 recovered outside control limits for the following analyte: 2-Hexanone. This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

Bromoform failed the recovery criteria low for the MS and MSD of sample 460-72174-11 in batch 460-212239. 1,3-Dichlorobenzene, 2-Hexanone, and Chloroethane failed the recovery criteria high. Also, Bromomethane exceeded the RPD limit.

Bromoform and Bromomethane failed the recovery criteria low for the MS and MSD of sample 460-72174-26 in batch 460-212509. 2-Hexanone failed the recovery criteria high. Also, 1,4-Dioxane exceeded the RPD limit.

Several analytes failed the recovery criteria low for the MS and MSD of sample 460-72284-9 in batch 460-212770. Several analytes failed the recovery criteria high. Also, several analytes exceeded the RPD limit.

Surrogate recovery (Dibromofluoromethane) was outside control limits for the following sample: 460-72284-A-9-A MSD.

The continuing calibration verification (CCV) associated with batches 212239, 212509, and 212770 recovered above the upper control limit for Chloroethane. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported.

Internal standard (ISTD) response for the following sample was outside control limits: 460-72174-1. The sample was re-analyzed with concurring results in batch 212478, and the original set of data has been reported.

Internal standard (ISTD) response for the following sample was outside control limits: 460-72174-37. The sample was re-analyzed with concurring results in batch 212576, and the original set of data has been reported.

Refer to the QC report for details.

The following samples were diluted to bring the concentration of target analytes within the calibration range and/or due to the abundance of non-target analytes: 460-72284-9, 460-72174-11, 460-72174-12, 460-72174-17, 460-72174-20, 460-72174-22, 460-72174-24, 460-72174-26, 460-72174-29, 460-72174-30, 460-72174-32, 460-72174-33, 460-72174-35. Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample FB-030614 (460-72174-28) was analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 03/14/2014.

The laboratory control sample (LCS) for batch 212557 recovered outside control limits for the following analyte: 1,2,3-Trichlorobenzene. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

1,2,3-Trichlorobenzene failed the recovery criteria high for the MSD of sample 460-72133-1 in batch 460-212557. 1,2,3-Trichlorobenzene and 1,4-Dioxane exceeded the RPD limit.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples PMP-14SW-VS (460-72174-1), PMP-23SW-VS (460-72174-2), PMP-23SW-VD (460-72174-3), PMP-23SW-WT (460-72174-4), PMP-8SW-VS (460-72174-5), PMP-4SW-VS (460-72174-6), PMP-4SW-VD (460-72174-7), PMP-22SW-VS (460-72174-8), PMP-22SW-VD (460-72174-9), PMP-22SW-WT (460-72174-10), PMP-5SW-WT (460-72174-11), PMP-5SW-SI (460-72174-12), PMP-6SW-VD (460-72174-13), PMP-6SW-WT (460-72174-14), PMP-6SW-SI (460-72174-15), PMP-2SW-VD (460-72174-16), PMP-2SW-WT (460-72174-17), PMP-2SW-SI (460-72174-18), PMP-24SW-VS (460-72174-19), PMP-24SW-VD (460-72174-20), PMP-10SW-SD (460-72174-21), PMP-13SW-WT (460-72174-22), PMP-13SW-SI (460-72174-23), PMP-13SW-SD (460-72174-24), PMP-28SW-VD (460-72174-25), PMP-28SW-WT (460-72174-26), PMP-28SW-SI (460-72174-27), PMP-24SW-WT (460-72174-29), PMP-24SW-SI (460-72174-30), PMP-7SW-VD (460-72174-31), PMP-7SW-WI (460-72174-32), PMP-7SW-SI (460-72174-33), PMP-9SW-VD (460-72174-34), PMP-9SW-WT (460-72174-35), PMP-9SW-SI (460-72174-36), PMP-10SW-WI (460-72174-37) and PMP-10SW-SI (460-72174-38) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 03/10/2014 and analyzed on 03/11/2014, 03/12/2014, 03/13/2014 and 03/14/2014.

The laboratory control sample (LCS) for batches 211603 and 211728 recovered outside control limits for the following analyte: Nitrobenzene. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Several analytes failed the recovery criteria high for the MS and MSD of sample 460-72174-1 in batch 460-211759.

Nitrobenzene failed the recovery criteria high for the MS and MSD of sample 460-72174-34 in batch 460-211927.

The following sample had one acid surrogate (2,4,6-Tribromophenol) outside acceptance criteria: 460-72174-15 The laboratory's SOP allows one acid and/or one base surrogate to be outside acceptance criteria without performing re-extraction/re-analysis. These results have been reported and qualified.

Refer to the QC report for details.

Samples PMP-23SW-VS (460-72174-2)[2X], PMP-8SW-VS (460-72174-5)[2X], PMP-24SW-VD (460-72174-20)[20X], PMP-13SW-WT (460-72174-22)[5X], PMP-28SW-WT (460-72174-26)[5X], PMP-24SW-WT (460-72174-29)[10X], PMP-24SW-SI (460-72174-30)[5X], PMP-7SW-WI (460-72174-32)[5X], PMP-7SW-SI (460-72174-33)[5X] and PMP-9SW-WT (460-72174-35)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following samples were diluted due to the nature of the sample matrix: 460-72174-20, 460-72174-29. As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample FB-030614 (460-72174-28) was analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 03/10/2014 and analyzed on 03/13/2014.

No difficulties were encountered during the semivolatiles analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS

Samples PMP-14SW-VS (460-72174-1), PMP-23SW-VS (460-72174-2), PMP-23SW-VD (460-72174-3), PMP-23SW-WT (460-72174-4), PMP-8SW-VS (460-72174-5), PMP-4SW-VS (460-72174-6), PMP-4SW-VD (460-72174-7), PMP-22SW-VS (460-72174-8), PMP-22SW-VD (460-72174-9), PMP-22SW-WT (460-72174-10), PMP-5SW-WT (460-72174-11), PMP-5SW-SI (460-72174-12), PMP-6SW-VD (460-72174-13), PMP-6SW-WT (460-72174-14), PMP-6SW-SI (460-72174-15), PMP-2SW-VD (460-72174-16), PMP-2SW-WT (460-72174-17), PMP-2SW-SI (460-72174-18), PMP-24SW-VS (460-72174-19), PMP-24SW-VD (460-72174-20), PMP-10SW-SD (460-72174-21), PMP-13SW-WT (460-72174-22), PMP-13SW-SI (460-72174-23), PMP-13SW-SD (460-72174-24), PMP-28SW-VD (460-72174-25), PMP-28SW-WT (460-72174-26), PMP-28SW-SI (460-72174-27), PMP-24SW-WT (460-72174-29), PMP-24SW-SI (460-72174-30), PMP-7SW-VD (460-72174-31), PMP-7SW-WI (460-72174-32), PMP-7SW-SI (460-72174-33), PMP-9SW-VD (460-72174-34), PMP-9SW-WT (460-72174-35), PMP-9SW-SI (460-72174-36), PMP-10SW-WI (460-72174-37) and PMP-10SW-SI (460-72174-38) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082. The samples were prepared on 03/10/2014 and analyzed on 03/10/2014 and 03/11/2014.

Samples PMP-23SW-VS (460-72174-2)[10X], PMP-8SW-VS (460-72174-5)[5X], PMP-4SW-VS (460-72174-6)[10X], PMP-22SW-VS (460-72174-8)[2X], PMP-5SW-WT (460-72174-11)[50X], PMP-5SW-SI (460-72174-12)[20X], PMP-6SW-WT (460-72174-14)[25X], PMP-6SW-SI (460-72174-15)[10X], PMP-2SW-WT (460-72174-17)[25X], PMP-24SW-VS (460-72174-19)[50X], PMP-24SW-VD (460-72174-20)[1000X], PMP-13SW-WT (460-72174-22)[100X], PMP-28SW-WT (460-72174-26)[50X], PMP-24SW-WT (460-72174-29)[2500X], PMP-24SW-SI (460-72174-30)[1000X], PMP-7SW-VD (460-72174-31)[5X], PMP-7SW-WI (460-72174-32)[200X], PMP-7SW-SI (460-72174-33)[50X], PMP-9SW-WT (460-72174-35)[100X] and PMP-10SW-WI (460-72174-37)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following samples were diluted to bring the concentration of target analytes within the calibration range: 460-72174-5, 460-72174-8, 460-72174-31, 460-72174-37. Elevated reporting limits (RLs) are provided.

The following samples were diluted due to abundance of non-target analytes: 460-72174-2, 460-72174-6, 460-72174-11, 460-72174-12, 460-72174-14, 460-72174-15, 460-72174-17, 460-72174-19, 460-72174-20, 460-72174-22, 460-72174-26, 460-72174-29, 460-72174-30, 460-72174-32, 460-72174-33, 460-72174-35. As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Sample FB-030614 (460-72174-28) was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 03/09/2014 and analyzed on 03/11/2014.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

TOTAL PETROLEUM HYDROCARBONS

Samples PMP-14SW-VS (460-72174-1), PMP-23SW-VS (460-72174-2), PMP-23SW-VD (460-72174-3), PMP-23SW-WT (460-72174-4), PMP-8SW-VS (460-72174-5), PMP-4SW-VS (460-72174-6), PMP-4SW-VD (460-72174-7), PMP-22SW-VS (460-72174-8), PMP-22SW-VD (460-72174-9), PMP-22SW-WT (460-72174-10), PMP-5SW-WT (460-72174-11), PMP-5SW-SI (460-72174-12), PMP-6SW-VD (460-72174-13), PMP-6SW-WT (460-72174-14), PMP-6SW-SI (460-72174-15), PMP-2SW-VD (460-72174-16), PMP-2SW-WT (460-72174-17), PMP-2SW-SI (460-72174-18), PMP-24SW-VS (460-72174-19), PMP-24SW-VD (460-72174-20), PMP-10SW-SD (460-72174-21), PMP-13SW-WT (460-72174-22), PMP-13SW-SI (460-72174-23), PMP-13SW-SD (460-72174-24), PMP-28SW-VD (460-72174-25), PMP-28SW-WT (460-72174-26), PMP-28SW-SI (460-72174-27), PMP-24SW-WT (460-72174-29), PMP-24SW-SI (460-72174-30), PMP-7SW-VD (460-72174-31), PMP-7SW-WI (460-72174-32), PMP-7SW-SI (460-72174-33), PMP-9SW-VD (460-72174-34), PMP-9SW-WT (460-72174-35), PMP-9SW-SI (460-72174-36), PMP-10SW-WI (460-72174-37) and PMP-10SW-SI (460-72174-38) were analyzed for total petroleum hydrocarbons in accordance with NJ-OQA-QAM-025. The samples were prepared on 03/10/2014 and analyzed on 03/12/2014.

Total Petroleum Hydrocarbons (C8-C40) failed the recovery criteria low for the MS of sample 460-72174-25 in batch 460-212087.

Chlorobenzene surrogate recovery was outside upper control limits for the method blanks (MB) and laboratory control samples (LCS) associated with batches 211687 and 211688. o-Terphenyl surrogate recovery was within control limits; therefore, the data have been reported.

Chlorobenzene failed the surrogate recovery criteria high for 460-72174-25 MSD.

o-Terphenyl failed the surrogate recovery criteria high for PMP-7SW-VD (460-72174-31).

Refer to the QC report for details.

Samples PMP-14SW-VS (460-72174-1)[2X], PMP-8SW-VS (460-72174-5)[5X], PMP-4SW-VS (460-72174-6)[10X], PMP-22SW-VS (460-72174-8)[5X], PMP-5SW-WT (460-72174-11)[10X], PMP-5SW-SI (460-72174-12)[20X], PMP-6SW-WT (460-72174-14)[5X], PMP-6SW-SI (460-72174-15)[5X], PMP-2SW-WT (460-72174-17)[5X], PMP-24SW-VS (460-72174-19)[10X], PMP-24SW-VD (460-72174-20)[20X], PMP-13SW-WT (460-72174-22)[50X], PMP-28SW-WT (460-72174-26)[25X], PMP-24SW-WT (460-72174-29)[50X], PMP-24SW-SI (460-72174-30)[25X], PMP-7SW-VD (460-72174-31)[5X], PMP-7SW-WI (460-72174-32)[25X], PMP-7SW-SI (460-72174-33)[10X], PMP-9SW-WT (460-72174-35)[10X] and PMP-10SW-WI (460-72174-37)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following samples were diluted to bring the concentration of target analytes within the calibration range: 460-72174-1, 460-72174-5, 460-72174-8, 460-72174-14, 460-72174-15, 460-72174-17, 460-72174-31, 460-72174-37. Elevated reporting limits (RLs) are provided.

The following samples were diluted due to abundance of target analytes: 460-72174-6, 460-72174-11, 460-72174-12, 460-72174-19, 460-72174-20, 460-72174-22, 460-72174-26, 460-72174-29, 460-72174-30, 460-72174-32, 460-72174-33, 460-72174-35. As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the QAM 025 analysis.

All other quality control parameters were within the acceptance limits.

TOTAL PETROLEUM HYDROCARBONS

Sample FB-030614 (460-72174-28) was analyzed for total petroleum hydrocarbons in accordance with NJ-OQA-QAM-025. The samples were prepared on 03/09/2014 and analyzed on 03/11/2014.

No difficulties were encountered during the QAM-025 analysis.

All quality control parameters were within the acceptance limits.

CHLORIDE

Sample FB-030614 (460-72174-28) was analyzed for chloride in accordance with SM 4500 CL B. The samples were analyzed on 03/10/2014.

No difficulties were encountered during the chloride analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples PMP-14SW-VS (460-72174-1), PMP-23SW-VS (460-72174-2), PMP-23SW-VD (460-72174-3), PMP-23SW-WT (460-72174-4), PMP-8SW-VS (460-72174-5), PMP-4SW-VS (460-72174-6), PMP-4SW-VD (460-72174-7), PMP-22SW-VS (460-72174-8), PMP-22SW-VD (460-72174-9), PMP-22SW-WT (460-72174-10), PMP-5SW-WT (460-72174-11), PMP-5SW-SI (460-72174-12), PMP-6SW-VD (460-72174-13), PMP-6SW-WT (460-72174-14), PMP-6SW-SI (460-72174-15), PMP-2SW-VD (460-72174-16), PMP-2SW-WT (460-72174-17), PMP-2SW-SI (460-72174-18), PMP-24SW-VS (460-72174-19), PMP-24SW-VD (460-72174-20), PMP-10SW-SD (460-72174-21), PMP-13SW-WT (460-72174-22), PMP-13SW-SI (460-72174-23), PMP-13SW-SD (460-72174-24), PMP-28SW-VD (460-72174-25), PMP-28SW-WT (460-72174-26), PMP-28SW-SI (460-72174-27), PMP-24SW-WT (460-72174-29), PMP-24SW-SI (460-72174-30), PMP-7SW-VD (460-72174-31), PMP-7SW-WI (460-72174-32), PMP-7SW-SI (460-72174-33),

PMP-9SW-VD (460-72174-34), PMP-9SW-WT (460-72174-35), PMP-9SW-SI (460-72174-36), PMP-10SW-WI (460-72174-37) and PMP-10SW-SI (460-72174-38) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D). The samples were analyzed on 03/10/2014.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

CHLORIDE

Samples PMP-14SW-VS (460-72174-1), PMP-23SW-VS (460-72174-2), PMP-23SW-VD (460-72174-3), PMP-23SW-WT (460-72174-4), PMP-8SW-VS (460-72174-5), PMP-4SW-VS (460-72174-6), PMP-4SW-VD (460-72174-7), PMP-22SW-VS (460-72174-8), PMP-22SW-VD (460-72174-9), PMP-22SW-WT (460-72174-10), PMP-5SW-WT (460-72174-11), PMP-5SW-SI (460-72174-12), PMP-6SW-VD (460-72174-13), PMP-6SW-WT (460-72174-14), PMP-6SW-SI (460-72174-15), PMP-2SW-VD (460-72174-16), PMP-2SW-WT (460-72174-17), PMP-2SW-SI (460-72174-18), PMP-24SW-VS (460-72174-19), PMP-24SW-VD (460-72174-20), PMP-10SW-SD (460-72174-21), PMP-13SW-WT (460-72174-22), PMP-13SW-SI (460-72174-23), PMP-13SW-SD (460-72174-24), PMP-28SW-VD (460-72174-25), PMP-28SW-WT (460-72174-26), PMP-28SW-SI (460-72174-27), PMP-24SW-WT (460-72174-29), PMP-24SW-SI (460-72174-30), PMP-7SW-VD (460-72174-31), PMP-7SW-WI (460-72174-32), PMP-7SW-SI (460-72174-33), PMP-9SW-VD (460-72174-34), PMP-9SW-WT (460-72174-35), PMP-9SW-SI (460-72174-36), PMP-10SW-WI (460-72174-37) and PMP-10SW-SI (460-72174-38) were analyzed for Chloride in accordance with SM 4500 Cl- E. The samples were leached on 03/11/2014 and analyzed on 03/14/2014.

No difficulties were encountered during the Chloride analysis.

All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-72174-1	PMP-14SW-VS	Solid	03/06/2014 0915	03/07/2014 1430
460-72174-2	PMP-23SW-VS	Solid	03/06/2014 0935	03/07/2014 1430
460-72174-3	PMP-23SW-VD	Solid	03/06/2014 0940	03/07/2014 1430
460-72174-4	PMP-23SW-WT	Solid	03/06/2014 0945	03/07/2014 1430
460-72174-5	PMP-8SW-VS	Solid	03/06/2014 1000	03/07/2014 1430
460-72174-6	PMP-4SW-VS	Solid	03/06/2014 1005	03/07/2014 1430
460-72174-7	PMP-4SW-VD	Solid	03/06/2014 1010	03/07/2014 1430
460-72174-8	PMP-22SW-VS	Solid	03/06/2014 1020	03/07/2014 1430
460-72174-9	PMP-22SW-VD	Solid	03/06/2014 1025	03/07/2014 1430
460-72174-10	PMP-22SW-WT	Solid	03/06/2014 1030	03/07/2014 1430
460-72174-11	PMP-5SW-WT	Solid	03/06/2014 1055	03/07/2014 1430
460-72174-12	PMP-5SW-SI	Solid	03/06/2014 1100	03/07/2014 1430
460-72174-13	PMP-6SW-VD	Solid	03/06/2014 1120	03/07/2014 1430
460-72174-14	PMP-6SW-WT	Solid	03/06/2014 1125	03/07/2014 1430
460-72174-15	PMP-6SW-SI	Solid	03/06/2014 1130	03/07/2014 1430
460-72174-16	PMP-2SW-VD	Solid	03/06/2014 1145	03/07/2014 1430
460-72174-17	PMP-2SW-WT	Solid	03/06/2014 1150	03/07/2014 1430
460-72174-18	PMP-2SW-SI	Solid	03/06/2014 1155	03/07/2014 1430
460-72174-19	PMP-24SW-VS	Solid	03/06/2014 1225	03/07/2014 1430
460-72174-20	PMP-24SW-VD	Solid	03/06/2014 1230	03/07/2014 1430
460-72174-21	PMP-10SW-SD	Solid	03/06/2014 1530	03/07/2014 1430
460-72174-22	PMP-13SW-WT	Solid	03/06/2014 1615	03/07/2014 1430
460-72174-23	PMP-13SW-SI	Solid	03/06/2014 1620	03/07/2014 1430
460-72174-24	PMP-13SW-SD	Solid	03/06/2014 1625	03/07/2014 1430
460-72174-25	PMP-28SW-VD	Solid	03/06/2014 1645	03/07/2014 1430
460-72174-26	PMP-28SW-WT	Solid	03/06/2014 1640	03/07/2014 1430
460-72174-27	PMP-28SW-SI	Solid	03/06/2014 1650	03/07/2014 1430
460-72174-28	FB-030614	Water	03/06/2014 1815	03/07/2014 1430
460-72174-29	PMP-24SW-WT	Solid	03/06/2014 1235	03/07/2014 1430
460-72174-30	PMP-24SW-SI	Solid	03/06/2014 1240	03/07/2014 1430
460-72174-31	PMP-7SW-VD	Solid	03/06/2014 1350	03/07/2014 1430
460-72174-32	PMP-7SW-WI	Solid	03/06/2014 1355	03/07/2014 1430
460-72174-33	PMP-7SW-SI	Solid	03/06/2014 1400	03/07/2014 1430
460-72174-34	PMP-9SW-VD	Solid	03/06/2014 1440	03/07/2014 1430
460-72174-35	PMP-9SW-WT	Solid	03/06/2014 1445	03/07/2014 1430
460-72174-36	PMP-9SW-SI	Solid	03/06/2014 1450	03/07/2014 1430
460-72174-37	PMP-10SW-WI	Solid	03/06/2014 1520	03/07/2014 1430
460-72174-38	PMP-10SW-SI	Solid	03/06/2014 1525	03/07/2014 1430

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72174-1	**PMP-14SW-VS**					
Chloroform		0.70	J	1.0	ug/Kg	8260B
1,3-Dichlorobenzene		0.18	J	1.0	ug/Kg	8260B
1,4-Dichlorobenzene		0.36	J	1.0	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.29	J	1.0	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.33	J	1.0	ug/Kg	8260B
Aroclor 1248		91		71	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		290		12	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		6.0		1.0	%	Moisture
Percent Solids		94.0		1.0	%	Moisture
460-72174-2	**PMP-23SW-VS**					
Acetone		23	B	7.9	ug/Kg	8260B
Chloroform		1.1	J	1.6	ug/Kg	8260B
Trichloroethene		0.69	J	1.6	ug/Kg	8260B
1,2-Dichlorobenzene		0.37	J	1.6	ug/Kg	8260B
1,4-Dichlorobenzene		0.44	J	1.6	ug/Kg	8260B
1,2,4-Trichlorobenzene		2.3		1.6	ug/Kg	8260B
1,2,3-Trichlorobenzene		3.7		1.6	ug/Kg	8260B
Tetrachloroethene		0.90	J	1.6	ug/Kg	8260B
Pyrene		82	J	690	ug/Kg	8270C
Aroclor 1248		5300		700	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		140		5.7	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.0		1.0	%	Moisture
Percent Solids		96.0		1.0	%	Moisture
460-72174-3	**PMP-23SW-VD**					
Acetone		22	B	7.1	ug/Kg	8260B
Chloroform		7.4		1.4	ug/Kg	8260B
Trichloroethene		2.4		1.4	ug/Kg	8260B
1,4-Dichlorobenzene		0.40	J	1.4	ug/Kg	8260B
1,2,4-Trichlorobenzene		1.5		1.4	ug/Kg	8260B
1,2,3-Trichlorobenzene		1.3	J	1.4	ug/Kg	8260B
Tetrachloroethene		1.8		1.4	ug/Kg	8260B
Aroclor 1242		94		71	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		33		5.9	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		6.4		1.0	%	Moisture
Percent Solids		93.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72174-4	**PMP-23SW-WT**					
Chloroform		0.80	J	0.83	ug/Kg	8260B
Trichloroethene		0.24	J	0.83	ug/Kg	8260B
1,4-Dichlorobenzene		0.25	J	0.83	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.25	J	0.83	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.92		0.83	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		8.0		6.0	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		9.0		1.0	%	Moisture
Percent Solids		91.0		1.0	%	Moisture
460-72174-5	**PMP-8SW-VS**					
Chloroform		0.34	J	0.83	ug/Kg	8260B
1,4-Dichlorobenzene		0.23	J	0.83	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.31	J	0.83	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.31	J	0.83	ug/Kg	8260B
Phenanthrene		93	J	700	ug/Kg	8270C
Benzo[b]fluoranthene		37	J	70	ug/Kg	8270C
Benzo[a]pyrene		20	J	70	ug/Kg	8270C
Aroclor 1248		4500		350	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		620		29	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.2		1.0	%	Moisture
Percent Solids		94.8		1.0	%	Moisture
460-72174-6	**PMP-4SW-VS**					
1,2-Dichlorobenzene		0.69	J	0.85	ug/Kg	8260B
1,4-Dichlorobenzene		0.26	J	0.85	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.44	J	0.85	ug/Kg	8260B
1,2,3-Trichlorobenzene		1.5		0.85	ug/Kg	8260B
Aroclor 1248		4800		730	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		1700		60	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		8.1		1.0	%	Moisture
Percent Solids		91.9		1.0	%	Moisture
460-72174-7	**PMP-4SW-VD**					
Acetone		12	B	4.3	ug/Kg	8260B
1,4-Dichlorobenzene		0.21	J	0.87	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.19	J	0.87	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.15	J	0.87	ug/Kg	8260B
Aroclor 1242		73		70	ug/Kg	8082
Percent Moisture		4.2		1.0	%	Moisture
Percent Solids		95.8		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72174-8	**PMP-22SW-VS**					
Acetone		17	B	4.7	ug/Kg	8260B
Chloroform		1.2		0.95	ug/Kg	8260B
Trichloroethene		0.63	J	0.95	ug/Kg	8260B
1,3-Dichlorobenzene		0.15	J	0.95	ug/Kg	8260B
1,4-Dichlorobenzene		0.28	J	0.95	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.29	J	0.95	ug/Kg	8260B
Tetrachloroethene		0.26	J	0.95	ug/Kg	8260B
Aroclor 1248		2300		140	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		410		29	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		6.8		1.0	%	Moisture
Percent Solids		93.2		1.0	%	Moisture
460-72174-9	**PMP-22SW-VD**					
Acetone		7.9	B	4.1	ug/Kg	8260B
Trichloroethene		0.16	J	0.82	ug/Kg	8260B
1,4-Dichlorobenzene		0.18	J	0.82	ug/Kg	8260B
Percent Moisture		4.9		1.0	%	Moisture
Percent Solids		95.1		1.0	%	Moisture
460-72174-10	**PMP-22SW-WT**					
1,4-Dichlorobenzene		0.20	J	0.95	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		15		6.2	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		10.9		1.0	%	Moisture
Percent Solids		89.1		1.0	%	Moisture
460-72174-11	**PMP-5SW-WT**					
Isopropylbenzene		23	J	86	ug/Kg	8260B
1,2-Dichlorobenzene		320		86	ug/Kg	8260B
1,4-Dichlorobenzene		1600		86	ug/Kg	8260B
1,2,4-Trichlorobenzene		970		86	ug/Kg	8260B
1,2,3-Trichlorobenzene		1200		86	ug/Kg	8260B
Xylenes, Total		300		170	ug/Kg	8260B
2-Methylnaphthalene		220	J	350	ug/Kg	8270C
Acenaphthene		320	J	350	ug/Kg	8270C
Fluoranthene		77	J	350	ug/Kg	8270C
Phenanthrene		630		350	ug/Kg	8270C
Pyrene		170	J	350	ug/Kg	8270C
Aroclor 1242		47000		3600	ug/Kg	8082
Aroclor 1260		9700		3600	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		2400		59	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		6.3		1.0	%	Moisture
Percent Solids		93.7		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72174-12	**PMP-5SW-SI**					
Carbon disulfide		160		84	ug/Kg	8260B
Isopropylbenzene		190		84	ug/Kg	8260B
1,2-Dichlorobenzene		200		84	ug/Kg	8260B
1,3-Dichlorobenzene		460		84	ug/Kg	8260B
1,4-Dichlorobenzene		2700		84	ug/Kg	8260B
1,2,4-Trichlorobenzene		650		84	ug/Kg	8260B
1,2,3-Trichlorobenzene		1500		84	ug/Kg	8260B
Methylcyclohexane		360		84	ug/Kg	8260B
Xylenes, Total		710		170	ug/Kg	8260B
2-Methylnaphthalene		190	J	380	ug/Kg	8270C
Fluoranthene		60	J	380	ug/Kg	8270C
Phenanthrene		1400		380	ug/Kg	8270C
Pyrene		130	J	380	ug/Kg	8270C
Aroclor 1242		22000		1500	ug/Kg	8082
Aroclor 1260		4200		1500	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		5100		130	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.4		1.0	%	Moisture
Percent Solids		86.6		1.0	%	Moisture
460-72174-13	**PMP-6SW-VD**					
Trichloroethene		0.38	J	0.87	ug/Kg	8260B
Toluene		0.14	J	0.87	ug/Kg	8260B
1,2-Dichlorobenzene		0.14	J	0.87	ug/Kg	8260B
1,4-Dichlorobenzene		0.35	J	0.87	ug/Kg	8260B
1,2,4-Trichlorobenzene		2.0		0.87	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.64	J	0.87	ug/Kg	8260B
Aroclor 1242		190		70	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		7.8		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.6		1.0	%	Moisture
Percent Solids		95.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72174-14	**PMP-6SW-WT**					
Acetone		19	B	4.4	ug/Kg	8260B
cis-1,2-Dichloroethene		0.23	J	0.87	ug/Kg	8260B
Chloroform		8.4		0.87	ug/Kg	8260B
Chlorobenzene		5.7		0.87	ug/Kg	8260B
Isopropylbenzene		3.3		0.87	ug/Kg	8260B
Trichloroethene		8.0		0.87	ug/Kg	8260B
1,2-Dichlorobenzene		7.4		0.87	ug/Kg	8260B
1,4-Dichlorobenzene		2.6		0.87	ug/Kg	8260B
1,2,4-Trichlorobenzene		66		0.87	ug/Kg	8260B
1,2,3-Trichlorobenzene		35		0.87	ug/Kg	8260B
Methylcyclohexane		21		0.87	ug/Kg	8260B
Tetrachloroethene		6.7		0.87	ug/Kg	8260B
Xylenes, Total		78		1.7	ug/Kg	8260B
Pyrene		78	J	370	ug/Kg	8270C
Aroclor 1242		31000		1900	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		590		31	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		10.9		1.0	%	Moisture
Percent Solids		89.1		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72174-15	**PMP-6SW-SI**					
Acetone		780	B	4.5	ug/Kg	8260B
Carbon disulfide		34		0.90	ug/Kg	8260B
cis-1,2-Dichloroethene		4.1		0.90	ug/Kg	8260B
Chloroform		160		0.90	ug/Kg	8260B
2-Butanone		82		4.5	ug/Kg	8260B
1,1,1-Trichloroethane		0.29	J	0.90	ug/Kg	8260B
Benzene		0.37	J	0.90	ug/Kg	8260B
Ethylbenzene		36		0.90	ug/Kg	8260B
Chlorobenzene		5.0		0.90	ug/Kg	8260B
Cyclohexane		7.1		0.90	ug/Kg	8260B
Isopropylbenzene		46		0.90	ug/Kg	8260B
Trichloroethene		9.6		0.90	ug/Kg	8260B
Toluene		3.5		0.90	ug/Kg	8260B
1,2-Dichlorobenzene		9.6		0.90	ug/Kg	8260B
1,4-Dichlorobenzene		1.6		0.90	ug/Kg	8260B
1,2,4-Trichlorobenzene		49		0.90	ug/Kg	8260B
1,2,3-Trichlorobenzene		18		0.90	ug/Kg	8260B
Methylcyclohexane		100		0.90	ug/Kg	8260B
Tetrachloroethene		4.9		0.90	ug/Kg	8260B
Xylenes, Total		140		1.8	ug/Kg	8260B
Phenanthrene		350	J	370	ug/Kg	8270C
Pyrene		46	J	370	ug/Kg	8270C
Aroclor 1242		13000		760	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		600		31	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		12.0		1.0	%	Moisture
Percent Solids		88.0		1.0	%	Moisture
460-72174-16	**PMP-2SW-VD**					
cis-1,2-Dichloroethene		0.19	J	0.84	ug/Kg	8260B
Chloroform		1.4		0.84	ug/Kg	8260B
Ethylbenzene		0.36	J	0.84	ug/Kg	8260B
Trichloroethene		0.55	J	0.84	ug/Kg	8260B
Toluene		0.93		0.84	ug/Kg	8260B
1,2-Dichlorobenzene		1.0		0.84	ug/Kg	8260B
1,3-Dichlorobenzene		2.3		0.84	ug/Kg	8260B
1,4-Dichlorobenzene		2.9		0.84	ug/Kg	8260B
1,2,4-Trichlorobenzene		1.5		0.84	ug/Kg	8260B
1,2,3-Trichlorobenzene		18		0.84	ug/Kg	8260B
Tetrachloroethene		0.21	J *	0.84	ug/Kg	8260B
Xylenes, Total		0.80	J	1.7	ug/Kg	8260B
Aroclor 1242		70	J	71	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		250		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.9		1.0	%	Moisture
Percent Solids		94.1		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72174-17	**PMP-2SW-WT**					
1,2-Dichlorobenzene		340		82	ug/Kg	8260B
1,3-Dichlorobenzene		410		82	ug/Kg	8260B
1,4-Dichlorobenzene		1500		82	ug/Kg	8260B
1,2,4-Trichlorobenzene		1100		82	ug/Kg	8260B
1,2,3-Trichlorobenzene		1300		82	ug/Kg	8260B
Pyrene		93	J	370	ug/Kg	8270C
Aroclor 1242		34000		1900	ug/Kg	8082
Aroclor 1260		7700		1900	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		940		31	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		11.4		1.0	%	Moisture
Percent Solids		88.6		1.0	%	Moisture
460-72174-18	**PMP-2SW-SI**					
cis-1,2-Dichloroethene		1.8		1.1	ug/Kg	8260B
Chloroform		1.0	J	1.1	ug/Kg	8260B
Trichloroethene		1.7		1.1	ug/Kg	8260B
Toluene		0.31	J	1.1	ug/Kg	8260B
1,2-Dichlorobenzene		1.2		1.1	ug/Kg	8260B
1,3-Dichlorobenzene		1.0	J	1.1	ug/Kg	8260B
1,4-Dichlorobenzene		3.1		1.1	ug/Kg	8260B
1,2,4-Trichlorobenzene		2.0		1.1	ug/Kg	8260B
1,2,3-Trichlorobenzene		6.9		1.1	ug/Kg	8260B
Tetrachloroethene		0.34	J	1.1	ug/Kg	8260B
Aroclor 1242		390		77	ug/Kg	8082
Aroclor 1260		64	J	77	ug/Kg	8082
Percent Moisture		12.8		1.0	%	Moisture
Percent Solids		87.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72174-19	**PMP-24SW-VS**					
cis-1,2-Dichloroethene		4.8		0.77	ug/Kg	8260B
Chloroform		6.4		0.77	ug/Kg	8260B
Ethylbenzene		0.84		0.77	ug/Kg	8260B
Chlorobenzene		1.4		0.77	ug/Kg	8260B
Trichloroethene		36		0.77	ug/Kg	8260B
Toluene		0.66	J	0.77	ug/Kg	8260B
1,2-Dichlorobenzene		2.0		0.77	ug/Kg	8260B
1,4-Dichlorobenzene		0.40	J	0.77	ug/Kg	8260B
1,2,4-Trichlorobenzene		6.4		0.77	ug/Kg	8260B
1,2,3-Trichlorobenzene		1.7		0.77	ug/Kg	8260B
Tetrachloroethene		1.0		0.77	ug/Kg	8260B
Xylenes, Total		1.2	J	1.5	ug/Kg	8260B
Aroclor 1242		45000		3600	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		1300		59	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		6.6		1.0	%	Moisture
Percent Solids		93.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72174-20	**PMP-24SW-VD**					
cis-1,2-Dichloroethene		11000		1400	ug/Kg	8260B
1,1,1-Trichloroethane		1200	J	1400	ug/Kg	8260B
Benzene		220	J	1400	ug/Kg	8260B
Styrene		23000		1400	ug/Kg	8260B
Ethylbenzene		24000		1400	ug/Kg	8260B
Chlorobenzene		5800		1400	ug/Kg	8260B
Isopropylbenzene		3300		1400	ug/Kg	8260B
Freon TF		6900		1400	ug/Kg	8260B
Trichloroethene		420000		1400	ug/Kg	8260B
Toluene		17000		1400	ug/Kg	8260B
1,2-Dichlorobenzene		9300		1400	ug/Kg	8260B
1,2,4-Trichlorobenzene		46000		1400	ug/Kg	8260B
1,2,3-Trichlorobenzene		11000		1400	ug/Kg	8260B
Methylcyclohexane		1800		1400	ug/Kg	8260B
Tetrachloroethene		20000		1400	ug/Kg	8260B
Xylenes, Total		110000		2800	ug/Kg	8260B
Naphthalene		18000	D	7500	ug/Kg	8270C
2-Methylnaphthalene		42000	D	7500	ug/Kg	8270C
Diphenyl		8400	D	7500	ug/Kg	8270C
Acenaphthene		2400	J D	7500	ug/Kg	8270C
Dibenzofuran		1300	J D	7500	ug/Kg	8270C
Fluorene		1100	J D	7500	ug/Kg	8270C
Phenanthrene		1100	J D	7500	ug/Kg	8270C
1,2,4,5-Tetrachlorobenzene		1800	J D	7500	ug/Kg	8270C
Aroclor 1242		350000		76000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		3700		130	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		12.2		1.0	%	Moisture
Percent Solids		87.8		1.0	%	Moisture
460-72174-21	**PMP-10SW-SD**					
Chloroform		0.68	J	0.94	ug/Kg	8260B
Trichloroethene		1.6		0.94	ug/Kg	8260B
1,4-Dichlorobenzene		0.19	J	0.94	ug/Kg	8260B
Aroclor 1242		150		82	ug/Kg	8082
Percent Moisture		18.6		1.0	%	Moisture
Percent Solids		81.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72174-22	**PMP-13SW-WT**					
1,2,4-Trichlorobenzene		2000		55	ug/Kg	8260B
1,2,3-Trichlorobenzene		470		55	ug/Kg	8260B
Xylenes, Total		100	J	110	ug/Kg	8260B
Pyrene		250	J	1900	ug/Kg	8270C
Aroclor 1242		150000		7700	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		9700		320	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.0		1.0	%	Moisture
Percent Solids		87.0		1.0	%	Moisture
460-72174-23	**PMP-13SW-SI**					
Acetone		7.7	B	4.4	ug/Kg	8260B
cis-1,2-Dichloroethene		1.7		0.87	ug/Kg	8260B
Chloroform		8.0		0.87	ug/Kg	8260B
Freon TF		2.4		0.87	ug/Kg	8260B
Trichloroethene		13		0.87	ug/Kg	8260B
Toluene		0.24	J	0.87	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.56	J	0.87	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.53	J	0.87	ug/Kg	8260B
Aroclor 1242		230		75	ug/Kg	8082
Percent Moisture		10.3		1.0	%	Moisture
Percent Solids		89.7		1.0	%	Moisture
460-72174-24	**PMP-13SW-SD**					
cis-1,2-Dichloroethene		39	J	96	ug/Kg	8260B
Trichloroethene		540		96	ug/Kg	8260B
Tetrachloroethene		25	J	96	ug/Kg	8260B
2-Methylnaphthalene		74	J	400	ug/Kg	8270C
Aroclor 1242		140		82	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		140		6.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		18.6		1.0	%	Moisture
Percent Solids		81.4		1.0	%	Moisture
460-72174-25	**PMP-28SW-VD**					
1,2,4-Trichlorobenzene		0.56	J	1.0	ug/Kg	8260B
Aroclor 1242		78		71	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		170		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.1		1.0	%	Moisture
Percent Solids		94.9		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72174-26	**PMP-28SW-WT**					
Trichloroethene		23	J	110	ug/Kg	8260B
1,2,4-Trichlorobenzene		3700		110	ug/Kg	8260B
1,2,3-Trichlorobenzene		810		110	ug/Kg	8260B
Aroclor 1242		33000		3900	ug/Kg	8082
Aroclor 1260		5000		3900	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		5800		160	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.6		1.0	%	Moisture
Percent Solids		86.4		1.0	%	Moisture
460-72174-27	**PMP-28SW-SI**					
Acetone		21	B	5.5	ug/Kg	8260B
Toluene		0.26	J	1.1	ug/Kg	8260B
1,2,4-Trichlorobenzene		3.3		1.1	ug/Kg	8260B
1,2,3-Trichlorobenzene		1.3		1.1	ug/Kg	8260B
Aroclor 1242		120		78	ug/Kg	8082
Percent Moisture		14.2		1.0	%	Moisture
Percent Solids		85.8		1.0	%	Moisture
460-72174-29	**PMP-24SW-WT**					
cis-1,2-Dichloroethene		3400		890	ug/Kg	8260B
1,1,1-Trichloroethane		890		890	ug/Kg	8260B
Styrene		18000		890	ug/Kg	8260B
Ethylbenzene		14000		890	ug/Kg	8260B
Chlorobenzene		3100		890	ug/Kg	8260B
Isopropylbenzene		1800		890	ug/Kg	8260B
Freon TF		8600		890	ug/Kg	8260B
Trichloroethene		300000		890	ug/Kg	8260B
Toluene		11000		890	ug/Kg	8260B
1,2-Dichlorobenzene		5400		890	ug/Kg	8260B
1,2,4-Trichlorobenzene		35000		890	ug/Kg	8260B
1,2,3-Trichlorobenzene		8900		890	ug/Kg	8260B
Tetrachloroethene		13000		890	ug/Kg	8260B
Xylenes, Total		63000		1800	ug/Kg	8260B
Naphthalene		1500	J D	3700	ug/Kg	8270C
4-Chloroaniline		4900	D	3700	ug/Kg	8270C
2-Methylnaphthalene		9700	D	3700	ug/Kg	8270C
Diphenyl		2400	J D	3700	ug/Kg	8270C
Acenaphthene		1000	J D	3700	ug/Kg	8270C
Fluorene		650	J D	3700	ug/Kg	8270C
Aroclor 1242		1500000		190000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		7600		310	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		11.0		1.0	%	Moisture
Percent Solids		89.0		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72174-30	**PMP-24SW-SI**					
Chloroform		270		110	ug/Kg	8260B
Ethylbenzene		170		110	ug/Kg	8260B
Chlorobenzene		82	J	110	ug/Kg	8260B
Isopropylbenzene		37	J	110	ug/Kg	8260B
Trichloroethene		270		110	ug/Kg	8260B
Toluene		19	J	110	ug/Kg	8260B
1,2-Dichlorobenzene		420		110	ug/Kg	8260B
1,3-Dichlorobenzene		16	J	110	ug/Kg	8260B
1,4-Dichlorobenzene		74	J	110	ug/Kg	8260B
1,2,4-Trichlorobenzene		7700		110	ug/Kg	8260B
1,2,3-Trichlorobenzene		1600		110	ug/Kg	8260B
Methylcyclohexane		120		110	ug/Kg	8260B
Tetrachloroethene		81	J	110	ug/Kg	8260B
Xylenes, Total		1800		230	ug/Kg	8260B
Fluorene		280	J	1900	ug/Kg	8270C
Phenanthrene		990	J	1900	ug/Kg	8270C
Aroclor 1242		1000000		76000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		5900		160	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		12.5		1.0	%	Moisture
Percent Solids		87.5		1.0	%	Moisture
460-72174-31	**PMP-7SW-VD**					
Acetone		14	B	4.2	ug/Kg	8260B
cis-1,2-Dichloroethene		0.21	J	0.84	ug/Kg	8260B
Chloroform		7.5		0.84	ug/Kg	8260B
Trichloroethene		3.5		0.84	ug/Kg	8260B
Toluene		0.21	J	0.84	ug/Kg	8260B
1,2-Dichlorobenzene		5.9		0.84	ug/Kg	8260B
1,3-Dichlorobenzene		24		0.84	ug/Kg	8260B
1,4-Dichlorobenzene		74		0.84	ug/Kg	8260B
1,2,4-Trichlorobenzene		15		0.84	ug/Kg	8260B
1,2,3-Trichlorobenzene		7.4		0.84	ug/Kg	8260B
Tetrachloroethene		0.57	J	0.84	ug/Kg	8260B
Pyrene		76	J	360	ug/Kg	8270C
Benzo[k]fluoranthene		6.9	J	36	ug/Kg	8270C
Benzo[b]fluoranthene		18	J	36	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		8.5	J	36	ug/Kg	8270C
Aroclor 1242		3800		360	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		610		30	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		7.6		1.0	%	Moisture
Percent Solids		92.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72174-32	**PMP-7SW-WI**					
Trichloroethene		43	J	67	ug/Kg	8260B
1,2-Dichlorobenzene		32	J	67	ug/Kg	8260B
1,3-Dichlorobenzene		51	J	67	ug/Kg	8260B
1,4-Dichlorobenzene		48	J	67	ug/Kg	8260B
1,2,4-Trichlorobenzene		4700		67	ug/Kg	8260B
1,2,3-Trichlorobenzene		1000		67	ug/Kg	8260B
Xylenes, Total		55	J	130	ug/Kg	8260B
Fluorene		800	J	1800	ug/Kg	8270C
Phenanthrene		1600	J	1800	ug/Kg	8270C
Pyrene		550	J	1800	ug/Kg	8270C
Aroclor 1242		230000		15000	ug/Kg	8082
Aroclor 1260		17000		15000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		5300		150	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		9.0		1.0	%	Moisture
Percent Solids		91.0		1.0	%	Moisture
460-72174-33	**PMP-7SW-SI**					
Ethylbenzene		130		95	ug/Kg	8260B
Isopropylbenzene		530		95	ug/Kg	8260B
1,2,4-Trichlorobenzene		7400		95	ug/Kg	8260B
1,2,3-Trichlorobenzene		1600		95	ug/Kg	8260B
Methylcyclohexane		1000		95	ug/Kg	8260B
Tetrachloroethene		36	J	95	ug/Kg	8260B
Xylenes, Total		870		190	ug/Kg	8260B
Fluorene		320	J	1900	ug/Kg	8270C
Phenanthrene		1300	J	1900	ug/Kg	8270C
Pyrene		170	J	1900	ug/Kg	8270C
Aroclor 1242		54000		3900	ug/Kg	8082
Aroclor 1260		4100		3900	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		2500		64	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.6		1.0	%	Moisture
Percent Solids		86.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72174-34	**PMP-9SW-VD**					
Methylene Chloride		1.1		0.84	ug/Kg	8260B
Acetone		9.0	B	4.2	ug/Kg	8260B
cis-1,2-Dichloroethene		2.9		0.84	ug/Kg	8260B
Chloroform		0.46	J	0.84	ug/Kg	8260B
Trichloroethene		21		0.84	ug/Kg	8260B
Toluene		0.25	J	0.84	ug/Kg	8260B
1,4-Dichlorobenzene		0.19	J	0.84	ug/Kg	8260B
1,2,4-Trichlorobenzene		1.2		0.84	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.76	J	0.84	ug/Kg	8260B
Aroclor 1242		800		71	ug/Kg	8082
Percent Moisture		5.6		1.0	%	Moisture
Percent Solids		94.4		1.0	%	Moisture
460-72174-35	**PMP-9SW-WT**					
1,2,4-Trichlorobenzene		1600		77	ug/Kg	8260B
1,2,3-Trichlorobenzene		420		77	ug/Kg	8260B
Xylenes, Total		210		150	ug/Kg	8260B
Aroclor 1242		110000		7600	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		2100		62	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		11.4		1.0	%	Moisture
Percent Solids		88.6		1.0	%	Moisture
460-72174-36	**PMP-9SW-SI**					
Acetone		28	B	4.1	ug/Kg	8260B
Carbon disulfide		1.8		0.83	ug/Kg	8260B
Chloroform		9.2		0.83	ug/Kg	8260B
Trichloroethene		1.8		0.83	ug/Kg	8260B
1,2,4-Trichlorobenzene		3.4		0.83	ug/Kg	8260B
1,2,3-Trichlorobenzene		1.4		0.83	ug/Kg	8260B
Methylcyclohexane		0.55	J	0.83	ug/Kg	8260B
Tetrachloroethene		0.18	J	0.83	ug/Kg	8260B
Aroclor 1242		960		77	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		30		6.4	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.5		1.0	%	Moisture
Percent Solids		86.5		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72174-37	**PMP-10SW-WI**					
Chloroform		1.0		0.97	ug/Kg	8260B
1,2,4-Trichlorobenzene		22	*	0.97	ug/Kg	8260B
1,2,3-Trichlorobenzene		25	*	0.97	ug/Kg	8260B
Tetrachloroethene		10		0.97	ug/Kg	8260B
Xylenes, Total		0.94	J	1.9	ug/Kg	8260B
Pyrene		57	J	350	ug/Kg	8270C
Aroclor 1242		2000		140	ug/Kg	8082
Aroclor 1260		380		140	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		1100		29	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		6.9		1.0	%	Moisture
Percent Solids		93.1		1.0	%	Moisture
460-72174-38	**PMP-10SW-SI**					
Ethylbenzene		0.74	J	0.96	ug/Kg	8260B
Isopropylbenzene		0.21	J	0.96	ug/Kg	8260B
1,2,4-Trichlorobenzene		1.8		0.96	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.72	J	0.96	ug/Kg	8260B
Methylcyclohexane		2.5		0.96	ug/Kg	8260B
Xylenes, Total		6.6		1.9	ug/Kg	8260B
Aroclor 1242		500		77	ug/Kg	8082
Percent Moisture		13.2		1.0	%	Moisture
Percent Solids		86.8		1.0	%	Moisture

METHOD SUMMARY

Client: Antea USA, Inc. Job Number: 460-72174-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Closed System Purge and Trap	TAL EDI		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270C	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL EDI	SW846 8082	
Microwave Extraction	TAL EDI		SW846 3546
New Jersey - Total petroleum Hydrocarbons (GC)	TAL EDI	NJDEP NJ-OQA-QAM-025	
Microwave Extraction	TAL EDI		SW846 3546
Percent Moisture	TAL EDI	EPA Moisture	
Chloride, Total	TAL EDI	SM SM 4500 Cl- E	
ASTM Leaching Procedure	TAL EDI		ASTM D3987-85
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Purge and Trap	TAL EDI		SW846 5030B
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL EDI	SW846 8082	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
New Jersey - Total petroleum Hydrocarbons (GC)	TAL EDI	NJDEP NJ-OQA-QAM-025	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Chloride	TAL EDI	SM SM 4500 Cl- B	

Lab References:

TAL EDI = TestAmerica Edison

Method References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

NJDEP = New Jersey Department of Environmental Protection

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Antea USA, Inc. Job Number: 460-72174-1

Method	Analyst	Analyst ID
SW846 8260B	Boykin, Kenneth	KLB
SW846 8260B	Manlangit, Ferdie	FAM
SW846 8260B	Moroney, Christopher J	CJM
SW846 8260B	Starzec, Margaret	MZS
SW846 8260B	Tupayachi, Audberto	AAT
SW846 8270C	Crocco, Michael	MMC
SW846 8270C	Rana, Vidhi	VJR
SW846 8270C	Szczech, Anna	AAS
SW846 8082	Patel, Jignesh	JHP
NJDEP NJ-OQA-QAM-025	Nimer, Diaa	DAN
EPA Moisture	Robinson, Ian	ITR
SM SM 4500 Cl- B	Vu, Huan	HTV
SM SM 4500 Cl- E	Cabanganan, Maria	MCC

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-14SW-VS**

Lab Sample ID: 460-72174-1 Date Sampled: 03/06/2014 0915
Client Matrix: Solid % Moisture: 6.0 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367287.D
Dilution:	1.0			Initial Weight/Volume:	5.073 g
Analysis Date:	03/13/2014 0855			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1539				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.17	U	0.17	1.0
Bromomethane		0.45	U	0.45	1.0
Vinyl chloride		0.36	U	0.36	1.0
Chloroethane		0.35	U	0.35	1.0
Methylene Chloride		0.16	U	0.16	1.0
Acetone		1.8	U	1.8	5.2
Carbon disulfide		0.16	U	0.16	1.0
Trichlorofluoromethane		0.17	U	0.17	1.0
1,1-Dichloroethene		0.20	U	0.20	1.0
1,1-Dichloroethane		0.12	U	0.12	1.0
trans-1,2-Dichloroethene		0.14	U	0.14	1.0
cis-1,2-Dichloroethene		0.12	U	0.12	1.0
Chloroform		0.70	J	0.25	1.0
2-Butanone		0.66	U	0.66	5.2
1,2-Dichloroethane		0.19	U	0.19	1.0
1,1,1-Trichloroethane		0.14	U	0.14	1.0
Carbon tetrachloride		0.16	U	0.16	1.0
Benzene		0.16	U	0.16	1.0
Bromoform		0.18	U	0.18	1.0
Styrene		0.29	U	0.29	1.0
Ethylbenzene		0.18	U	0.18	1.0
Chlorobenzene		0.19	U	0.19	1.0
Cyclohexane		0.14	U	0.14	1.0
Isopropylbenzene		0.12	U	0.12	1.0
2-Hexanone		0.14	U	0.14	5.2
MTBE		0.12	U	0.12	1.0
Freon TF		0.12	U	0.12	1.0
Methyl acetate		0.34	U	0.34	5.2
1,4-Dioxane		13	U *	13	21
Trichloroethene		0.13	U	0.13	1.0
Toluene		0.15	U	0.15	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		0.21	U	0.21	5.2
cis-1,3-Dichloropropene		0.15	U	0.15	1.0
1,2-Dichlorobenzene		0.10	U	0.10	1.0
1,3-Dichlorobenzene		0.18	J	0.17	1.0
1,4-Dichlorobenzene		0.36	J	0.12	1.0
1,2,4-Trichlorobenzene		0.29	J	0.20	1.0
1,2,3-Trichlorobenzene		0.33	J	0.17	1.0
1,2-Dichloropropane		0.16	U	0.16	1.0
Methylcyclohexane		0.10	U	0.10	1.0
Tetrachloroethene		0.13	U	0.13	1.0
Xylenes, Total		0.70	U	0.70	2.1
1,2-Dibromo-3-Chloropropane		0.46	U	0.46	1.0
1,1,2,2-Tetrachloroethane		0.094	U	0.094	1.0
1,1,2-Trichloroethane		0.15	U	0.15	1.0

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-14SW-VS**

Lab Sample ID: 460-72174-1 Date Sampled: 03/06/2014 0915
Client Matrix: Solid % Moisture: 6.0 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367287.D
Dilution:	1.0			Initial Weight/Volume:	5.073 g
Analysis Date:	03/13/2014 0855			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1539				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.10	U	0.10	1.0
1,2-Dibromoethane		0.16	U	0.16	1.0
Dichlorodifluoromethane		0.23	U	0.23	1.0
Bromochloromethane		0.12	U	0.12	1.0
Bromodichloromethane		0.34	U	0.34	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
Toluene-d8 (Surr)	98		70 - 130
Bromofluorobenzene	115		70 - 130
Dibromofluoromethane (Surr)	95		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-14SW-VS**

Lab Sample ID: 460-72174-1 Date Sampled: 03/06/2014 0915
Client Matrix: Solid % Moisture: 6.0 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367287.D
Dilution:	1.0			Initial Weight/Volume:	5.073 g
Analysis Date:	03/13/2014 0855			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1539				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-VS**

Lab Sample ID: 460-72174-2 Date Sampled: 03/06/2014 0935
Client Matrix: Solid % Moisture: 4.0 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367318.D
Dilution:	1.0			Initial Weight/Volume:	3.28 g
Analysis Date:	03/13/2014 2252			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1543				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.25	U	0.25	1.6
Bromomethane		0.68	U	0.68	1.6
Vinyl chloride		0.54	U	0.54	1.6
Chloroethane		0.52	U	0.52	1.6
Methylene Chloride		0.24	U	0.24	1.6
Acetone		23	B	2.7	7.9
Carbon disulfide		0.24	U	0.24	1.6
Trichlorofluoromethane		0.25	U	0.25	1.6
1,1-Dichloroethene		0.30	U	0.30	1.6
1,1-Dichloroethane		0.17	U	0.17	1.6
trans-1,2-Dichloroethene		0.21	U	0.21	1.6
cis-1,2-Dichloroethene		0.17	U	0.17	1.6
Chloroform		1.1	J	0.38	1.6
2-Butanone		1.0	U	1.0	7.9
1,2-Dichloroethane		0.29	U	0.29	1.6
1,1,1-Trichloroethane		0.21	U	0.21	1.6
Carbon tetrachloride		0.24	U	0.24	1.6
Benzene		0.24	U	0.24	1.6
Bromoform		0.27	U	0.27	1.6
Styrene		0.44	U	0.44	1.6
Ethylbenzene		0.27	U	0.27	1.6
Chlorobenzene		0.29	U	0.29	1.6
Cyclohexane		0.21	U	0.21	1.6
Isopropylbenzene		0.17	U	0.17	1.6
2-Hexanone		0.21	U	0.21	7.9
MTBE		0.17	U	0.17	1.6
Freon TF		0.17	U	0.17	1.6
Methyl acetate		0.51	U	0.51	7.9
1,4-Dioxane		20	U	20	32
Trichloroethene		0.69	J	0.19	1.6
Toluene		0.22	U	0.22	1.6
trans-1,3-Dichloropropene		0.16	U	0.16	1.6
4-Methyl-2-pentanone		0.32	U	0.32	7.9
cis-1,3-Dichloropropene		0.22	U	0.22	1.6
1,2-Dichlorobenzene		0.37	J	0.16	1.6
1,3-Dichlorobenzene		0.25	U	0.25	1.6
1,4-Dichlorobenzene		0.44	J	0.17	1.6
1,2,4-Trichlorobenzene		2.3		0.30	1.6
1,2,3-Trichlorobenzene		3.7		0.25	1.6
1,2-Dichloropropane		0.24	U	0.24	1.6
Methylcyclohexane		0.16	U	0.16	1.6
Tetrachloroethene		0.90	J	0.19	1.6
Xylenes, Total		1.1	U	1.1	3.2
1,2-Dibromo-3-Chloropropane		0.70	U	0.70	1.6
1,1,2,2-Tetrachloroethane		0.14	U	0.14	1.6
1,1,2-Trichloroethane		0.22	U	0.22	1.6

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-VS**

Lab Sample ID: 460-72174-2 Date Sampled: 03/06/2014 0935
Client Matrix: Solid % Moisture: 4.0 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367318.D
Dilution:	1.0			Initial Weight/Volume:	3.28 g
Analysis Date:	03/13/2014 2252			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1543				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.16	U	0.16	1.6
1,2-Dibromoethane		0.24	U	0.24	1.6
Dichlorodifluoromethane		0.35	U	0.35	1.6
Bromochloromethane		0.17	U	0.17	1.6
Bromodichloromethane		0.51	U	0.51	1.6

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
Toluene-d8 (Surr)	101		70 - 130
Bromofluorobenzene	126		70 - 130
Dibromofluoromethane (Surr)	95		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-VS**

Lab Sample ID: 460-72174-2 Date Sampled: 03/06/2014 0935
Client Matrix: Solid % Moisture: 4.0 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367318.D
Dilution:	1.0			Initial Weight/Volume:	3.28 g
Analysis Date:	03/13/2014 2252			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1543				

Tentatively Identified Compounds **Number TIC's Found: 2**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	12.29	15	J N
634-66-2	Benzene, 1,2,3,4-tetrachloro-	12.82	22	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-VD**

Lab Sample ID: 460-72174-3 Date Sampled: 03/06/2014 0940
Client Matrix: Solid % Moisture: 6.4 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367316.D
Dilution:	1.0			Initial Weight/Volume:	3.758 g
Analysis Date:	03/13/2014 2206			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1546				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.23	U	0.23	1.4
Bromomethane		0.61	U	0.61	1.4
Vinyl chloride		0.48	U	0.48	1.4
Chloroethane		0.47	U	0.47	1.4
Methylene Chloride		0.21	U	0.21	1.4
Acetone		22	B	2.4	7.1
Carbon disulfide		0.21	U	0.21	1.4
Trichlorofluoromethane		0.23	U	0.23	1.4
1,1-Dichloroethene		0.27	U	0.27	1.4
1,1-Dichloroethane		0.16	U	0.16	1.4
trans-1,2-Dichloroethene		0.18	U	0.18	1.4
cis-1,2-Dichloroethene		0.16	U	0.16	1.4
Chloroform		7.4		0.34	1.4
2-Butanone		0.90	U	0.90	7.1
1,2-Dichloroethane		0.26	U	0.26	1.4
1,1,1-Trichloroethane		0.18	U	0.18	1.4
Carbon tetrachloride		0.21	U	0.21	1.4
Benzene		0.21	U	0.21	1.4
Bromoform		0.24	U	0.24	1.4
Styrene		0.40	U	0.40	1.4
Ethylbenzene		0.24	U	0.24	1.4
Chlorobenzene		0.26	U	0.26	1.4
Cyclohexane		0.18	U	0.18	1.4
Isopropylbenzene		0.16	U	0.16	1.4
2-Hexanone		0.18	U	0.18	7.1
MTBE		0.16	U	0.16	1.4
Freon TF		0.16	U	0.16	1.4
Methyl acetate		0.45	U	0.45	7.1
1,4-Dioxane		18	U	18	28
Trichloroethene		2.4		0.17	1.4
Toluene		0.20	U	0.20	1.4
trans-1,3-Dichloropropene		0.14	U	0.14	1.4
4-Methyl-2-pentanone		0.28	U	0.28	7.1
cis-1,3-Dichloropropene		0.20	U	0.20	1.4
1,2-Dichlorobenzene		0.14	U	0.14	1.4
1,3-Dichlorobenzene		0.23	U	0.23	1.4
1,4-Dichlorobenzene		0.40	J	0.16	1.4
1,2,4-Trichlorobenzene		1.5		0.27	1.4
1,2,3-Trichlorobenzene		1.3	J	0.23	1.4
1,2-Dichloropropane		0.21	U	0.21	1.4
Methylcyclohexane		0.14	U	0.14	1.4
Tetrachloroethene		1.8		0.17	1.4
Xylenes, Total		0.95	U	0.95	2.8
1,2-Dibromo-3-Chloropropane		0.63	U	0.63	1.4
1,1,2,2-Tetrachloroethane		0.13	U	0.13	1.4
1,1,2-Trichloroethane		0.20	U	0.20	1.4

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-VD**

Lab Sample ID: 460-72174-3 Date Sampled: 03/06/2014 0940
Client Matrix: Solid % Moisture: 6.4 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367316.D
Dilution:	1.0			Initial Weight/Volume:	3.758 g
Analysis Date:	03/13/2014 2206			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1546				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.14	U	0.14	1.4
1,2-Dibromoethane		0.21	U	0.21	1.4
Dichlorodifluoromethane		0.31	U	0.31	1.4
Bromochloromethane		0.16	U	0.16	1.4
Bromodichloromethane		0.45	U	0.45	1.4

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
Toluene-d8 (Surr)	103		70 - 130
Bromofluorobenzene	114		70 - 130
Dibromofluoromethane (Surr)	93		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-VD**

Lab Sample ID: 460-72174-3 Date Sampled: 03/06/2014 0940
Client Matrix: Solid % Moisture: 6.4 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367316.D
Dilution:	1.0			Initial Weight/Volume:	3.758 g
Analysis Date:	03/13/2014 2206			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1546				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-WT**

Lab Sample ID: 460-72174-4 Date Sampled: 03/06/2014 0945
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367290.D
Dilution:	1.0			Initial Weight/Volume:	6.656 g
Analysis Date:	03/13/2014 1003			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1547				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.13	U	0.13	0.83
Bromomethane		0.35	U	0.35	0.83
Vinyl chloride		0.28	U	0.28	0.83
Chloroethane		0.27	U	0.27	0.83
Methylene Chloride		0.12	U	0.12	0.83
Acetone		1.4	U	1.4	4.1
Carbon disulfide		0.12	U	0.12	0.83
Trichlorofluoromethane		0.13	U	0.13	0.83
1,1-Dichloroethene		0.16	U	0.16	0.83
1,1-Dichloroethane		0.091	U	0.091	0.83
trans-1,2-Dichloroethene		0.11	U	0.11	0.83
cis-1,2-Dichloroethene		0.091	U	0.091	0.83
Chloroform		0.80	J	0.20	0.83
2-Butanone		0.52	U	0.52	4.1
1,2-Dichloroethane		0.15	U	0.15	0.83
1,1,1-Trichloroethane		0.11	U	0.11	0.83
Carbon tetrachloride		0.12	U	0.12	0.83
Benzene		0.12	U	0.12	0.83
Bromoform		0.14	U	0.14	0.83
Styrene		0.23	U	0.23	0.83
Ethylbenzene		0.14	U	0.14	0.83
Chlorobenzene		0.15	U	0.15	0.83
Cyclohexane		0.11	U	0.11	0.83
Isopropylbenzene		0.091	U	0.091	0.83
2-Hexanone		0.11	U	0.11	4.1
MTBE		0.091	U	0.091	0.83
Freon TF		0.091	U	0.091	0.83
Methyl acetate		0.26	U	0.26	4.1
1,4-Dioxane		10	U	10	17
Trichloroethene		0.24	J	0.099	0.83
Toluene		0.12	U	0.12	0.83
trans-1,3-Dichloropropene		0.083	U	0.083	0.83
4-Methyl-2-pentanone		0.17	U	0.17	4.1
cis-1,3-Dichloropropene		0.12	U	0.12	0.83
1,2-Dichlorobenzene		0.083	U	0.083	0.83
1,3-Dichlorobenzene		0.13	U	0.13	0.83
1,4-Dichlorobenzene		0.25	J	0.091	0.83
1,2,4-Trichlorobenzene		0.25	J	0.16	0.83
1,2,3-Trichlorobenzene		0.92		0.13	0.83
1,2-Dichloropropane		0.12	U	0.12	0.83
Methylcyclohexane		0.083	U	0.083	0.83
Tetrachloroethene		0.099	U	0.099	0.83
Xylenes, Total		0.55	U	0.55	1.7
1,2-Dibromo-3-Chloropropane		0.36	U	0.36	0.83
1,1,2,2-Tetrachloroethane		0.074	U	0.074	0.83
1,1,2-Trichloroethane		0.12	U	0.12	0.83

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-WT**

Lab Sample ID: 460-72174-4 Date Sampled: 03/06/2014 0945
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367290.D
Dilution:	1.0			Initial Weight/Volume:	6.656 g
Analysis Date:	03/13/2014 1003			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1547				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.083	U	0.083	0.83
1,2-Dibromoethane		0.12	U	0.12	0.83
Dichlorodifluoromethane		0.18	U	0.18	0.83
Bromochloromethane		0.091	U	0.091	0.83
Bromodichloromethane		0.26	U	0.26	0.83

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 130
Toluene-d8 (Surr)	92		70 - 130
Bromofluorobenzene	97		70 - 130
Dibromofluoromethane (Surr)	95		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-WT**

Lab Sample ID: 460-72174-4 Date Sampled: 03/06/2014 0945
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367290.D
Dilution:	1.0			Initial Weight/Volume:	6.656 g
Analysis Date:	03/13/2014 1003			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1547				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-8SW-VS**

Lab Sample ID: 460-72174-5 Date Sampled: 03/06/2014 1000
Client Matrix: Solid % Moisture: 5.2 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367291.D
Dilution:	1.0			Initial Weight/Volume:	6.329 g
Analysis Date:	03/13/2014 1026			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1549				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.13	U	0.13	0.83
Bromomethane		0.36	U	0.36	0.83
Vinyl chloride		0.28	U	0.28	0.83
Chloroethane		0.27	U	0.27	0.83
Methylene Chloride		0.12	U	0.12	0.83
Acetone		1.4	U	1.4	4.2
Carbon disulfide		0.12	U	0.12	0.83
Trichlorofluoromethane		0.13	U	0.13	0.83
1,1-Dichloroethene		0.16	U	0.16	0.83
1,1-Dichloroethane		0.092	U	0.092	0.83
trans-1,2-Dichloroethene		0.11	U	0.11	0.83
cis-1,2-Dichloroethene		0.092	U	0.092	0.83
Chloroform		0.34	J	0.20	0.83
2-Butanone		0.52	U	0.52	4.2
1,2-Dichloroethane		0.15	U	0.15	0.83
1,1,1-Trichloroethane		0.11	U	0.11	0.83
Carbon tetrachloride		0.12	U	0.12	0.83
Benzene		0.12	U	0.12	0.83
Bromoform		0.14	U	0.14	0.83
Styrene		0.23	U	0.23	0.83
Ethylbenzene		0.14	U	0.14	0.83
Chlorobenzene		0.15	U	0.15	0.83
Cyclohexane		0.11	U	0.11	0.83
Isopropylbenzene		0.092	U	0.092	0.83
2-Hexanone		0.11	U	0.11	4.2
MTBE		0.092	U	0.092	0.83
Freon TF		0.092	U	0.092	0.83
Methyl acetate		0.27	U	0.27	4.2
1,4-Dioxane		11	U	11	17
Trichloroethene		0.10	U	0.10	0.83
Toluene		0.12	U	0.12	0.83
trans-1,3-Dichloropropene		0.083	U	0.083	0.83
4-Methyl-2-pentanone		0.17	U	0.17	4.2
cis-1,3-Dichloropropene		0.12	U	0.12	0.83
1,2-Dichlorobenzene		0.083	U	0.083	0.83
1,3-Dichlorobenzene		0.13	U	0.13	0.83
1,4-Dichlorobenzene		0.23	J	0.092	0.83
1,2,4-Trichlorobenzene		0.31	J	0.16	0.83
1,2,3-Trichlorobenzene		0.31	J	0.13	0.83
1,2-Dichloropropane		0.12	U	0.12	0.83
Methylcyclohexane		0.083	U	0.083	0.83
Tetrachloroethene		0.10	U	0.10	0.83
Xylenes, Total		0.56	U	0.56	1.7
1,2-Dibromo-3-Chloropropane		0.37	U	0.37	0.83
1,1,2,2-Tetrachloroethane		0.075	U	0.075	0.83
1,1,2-Trichloroethane		0.12	U	0.12	0.83

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-8SW-VS**

Lab Sample ID: 460-72174-5 Date Sampled: 03/06/2014 1000
Client Matrix: Solid % Moisture: 5.2 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367291.D
Dilution:	1.0			Initial Weight/Volume:	6.329 g
Analysis Date:	03/13/2014 1026			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1549				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.083	U	0.083	0.83
1,2-Dibromoethane		0.12	U	0.12	0.83
Dichlorodifluoromethane		0.18	U	0.18	0.83
Bromochloromethane		0.092	U	0.092	0.83
Bromodichloromethane		0.27	U	0.27	0.83

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 130
Toluene-d8 (Surr)	95		70 - 130
Bromofluorobenzene	108		70 - 130
Dibromofluoromethane (Surr)	95		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-8SW-VS**

Lab Sample ID: 460-72174-5 Date Sampled: 03/06/2014 1000
Client Matrix: Solid % Moisture: 5.2 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367291.D
Dilution:	1.0			Initial Weight/Volume:	6.329 g
Analysis Date:	03/13/2014 1026			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1549				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-4SW-VS**

Lab Sample ID: 460-72174-6 Date Sampled: 03/06/2014 1005
Client Matrix: Solid % Moisture: 8.1 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367320.D
Dilution:	1.0			Initial Weight/Volume:	6.391 g
Analysis Date:	03/13/2014 2338			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1553				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.14	U	0.14	0.85
Bromomethane		0.37	U	0.37	0.85
Vinyl chloride		0.29	U	0.29	0.85
Chloroethane		0.28	U	0.28	0.85
Methylene Chloride		0.13	U	0.13	0.85
Acetone		1.4	U	1.4	4.3
Carbon disulfide		0.13	U	0.13	0.85
Trichlorofluoromethane		0.14	U	0.14	0.85
1,1-Dichloroethene		0.16	U	0.16	0.85
1,1-Dichloroethane		0.094	U	0.094	0.85
trans-1,2-Dichloroethene		0.11	U	0.11	0.85
cis-1,2-Dichloroethene		0.094	U	0.094	0.85
Chloroform		0.20	U	0.20	0.85
2-Butanone		0.54	U	0.54	4.3
1,2-Dichloroethane		0.15	U	0.15	0.85
1,1,1-Trichloroethane		0.11	U	0.11	0.85
Carbon tetrachloride		0.13	U	0.13	0.85
Benzene		0.13	U	0.13	0.85
Bromoform		0.14	U	0.14	0.85
Styrene		0.24	U	0.24	0.85
Ethylbenzene		0.14	U	0.14	0.85
Chlorobenzene		0.15	U	0.15	0.85
Cyclohexane		0.11	U	0.11	0.85
Isopropylbenzene		0.094	U	0.094	0.85
2-Hexanone		0.11	U	0.11	4.3
MTBE		0.094	U	0.094	0.85
Freon TF		0.094	U	0.094	0.85
Methyl acetate		0.27	U	0.27	4.3
1,4-Dioxane		11	U	11	17
Trichloroethene		0.10	U	0.10	0.85
Toluene		0.12	U	0.12	0.85
trans-1,3-Dichloropropene		0.085	U	0.085	0.85
4-Methyl-2-pentanone		0.17	U	0.17	4.3
cis-1,3-Dichloropropene		0.12	U	0.12	0.85
1,2-Dichlorobenzene		0.69	J	0.085	0.85
1,3-Dichlorobenzene		0.14	U	0.14	0.85
1,4-Dichlorobenzene		0.26	J	0.094	0.85
1,2,4-Trichlorobenzene		0.44	J	0.16	0.85
1,2,3-Trichlorobenzene		1.5		0.14	0.85
1,2-Dichloropropane		0.13	U	0.13	0.85
Methylcyclohexane		0.085	U	0.085	0.85
Tetrachloroethene		0.10	U	0.10	0.85
Xylenes, Total		0.57	U	0.57	1.7
1,2-Dibromo-3-Chloropropane		0.37	U	0.37	0.85
1,1,2,2-Tetrachloroethane		0.077	U	0.077	0.85
1,1,2-Trichloroethane		0.12	U	0.12	0.85

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-4SW-VS**

Lab Sample ID: 460-72174-6 Date Sampled: 03/06/2014 1005
Client Matrix: Solid % Moisture: 8.1 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367320.D
Dilution:	1.0			Initial Weight/Volume:	6.391 g
Analysis Date:	03/13/2014 2338			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1553				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.085	U	0.085	0.85
1,2-Dibromoethane		0.13	U	0.13	0.85
Dichlorodifluoromethane		0.19	U	0.19	0.85
Bromochloromethane		0.094	U	0.094	0.85
Bromodichloromethane		0.27	U	0.27	0.85

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 130
Toluene-d8 (Surr)	92		70 - 130
Bromofluorobenzene	98		70 - 130
Dibromofluoromethane (Surr)	92		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-4SW-VS**

Lab Sample ID: 460-72174-6 Date Sampled: 03/06/2014 1005
Client Matrix: Solid % Moisture: 8.1 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367320.D
Dilution:	1.0			Initial Weight/Volume:	6.391 g
Analysis Date:	03/13/2014 2338			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1553				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
15869-94-0	Octane, 3,6-dimethyl-	11.18	5.9	J N
	Unknown	11.70	4.4	J
3891-98-3	Dodecane, 2,6,10-trimethyl-	11.90	6.7	J N
629-59-4	Tetradecane	12.03	8.9	J N
	Unknown	12.29	8.0	J
31295-56-4	Dodecane, 2,6,11-trimethyl-	12.58	10	J N
634-66-2	Benzene, 1,2,3,4-tetrachloro-	12.81	9.0	J N
	Unknown	13.02	4.7	J
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	13.20	5.9	J N
	Unknown	13.67	5.4	J

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-4SW-VD**

Lab Sample ID: 460-72174-7 Date Sampled: 03/06/2014 1010
Client Matrix: Solid % Moisture: 4.2 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367293.D
Dilution:	1.0			Initial Weight/Volume:	6.01 g
Analysis Date:	03/13/2014 1112			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1554				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.14	U	0.14	0.87
Bromomethane		0.37	U	0.37	0.87
Vinyl chloride		0.30	U	0.30	0.87
Chloroethane		0.29	U	0.29	0.87
Methylene Chloride		0.13	U	0.13	0.87
Acetone		12	B	1.5	4.3
Carbon disulfide		0.13	U	0.13	0.87
Trichlorofluoromethane		0.14	U	0.14	0.87
1,1-Dichloroethene		0.17	U	0.17	0.87
1,1-Dichloroethane		0.096	U	0.096	0.87
trans-1,2-Dichloroethene		0.11	U	0.11	0.87
cis-1,2-Dichloroethene		0.096	U	0.096	0.87
Chloroform		0.21	U	0.21	0.87
2-Butanone		0.55	U	0.55	4.3
1,2-Dichloroethane		0.16	U	0.16	0.87
1,1,1-Trichloroethane		0.11	U	0.11	0.87
Carbon tetrachloride		0.13	U	0.13	0.87
Benzene		0.13	U	0.13	0.87
Bromoform		0.15	U	0.15	0.87
Styrene		0.24	U	0.24	0.87
Ethylbenzene		0.15	U	0.15	0.87
Chlorobenzene		0.16	U	0.16	0.87
Cyclohexane		0.11	U	0.11	0.87
Isopropylbenzene		0.096	U	0.096	0.87
2-Hexanone		0.11	U	0.11	4.3
MTBE		0.096	U	0.096	0.87
Freon TF		0.096	U	0.096	0.87
Methyl acetate		0.28	U	0.28	4.3
1,4-Dioxane		11	U	11	17
Trichloroethene		0.10	U	0.10	0.87
Toluene		0.12	U	0.12	0.87
trans-1,3-Dichloropropene		0.087	U	0.087	0.87
4-Methyl-2-pentanone		0.17	U	0.17	4.3
cis-1,3-Dichloropropene		0.12	U	0.12	0.87
1,2-Dichlorobenzene		0.087	U	0.087	0.87
1,3-Dichlorobenzene		0.14	U	0.14	0.87
1,4-Dichlorobenzene		0.21	J	0.096	0.87
1,2,4-Trichlorobenzene		0.19	J	0.17	0.87
1,2,3-Trichlorobenzene		0.15	J	0.14	0.87
1,2-Dichloropropane		0.13	U	0.13	0.87
Methylcyclohexane		0.087	U	0.087	0.87
Tetrachloroethene		0.10	U	0.10	0.87
Xylenes, Total		0.58	U	0.58	1.7
1,2-Dibromo-3-Chloropropane		0.38	U	0.38	0.87
1,1,2,2-Tetrachloroethane		0.078	U	0.078	0.87
1,1,2-Trichloroethane		0.12	U	0.12	0.87

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-4SW-VD**

Lab Sample ID: 460-72174-7 Date Sampled: 03/06/2014 1010
Client Matrix: Solid % Moisture: 4.2 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367293.D
Dilution:	1.0			Initial Weight/Volume:	6.01 g
Analysis Date:	03/13/2014 1112			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1554				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.087	U	0.087	0.87
1,2-Dibromoethane		0.13	U	0.13	0.87
Dichlorodifluoromethane		0.19	U	0.19	0.87
Bromochloromethane		0.096	U	0.096	0.87
Bromodichloromethane		0.28	U	0.28	0.87

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
Toluene-d8 (Surr)	93		70 - 130
Bromofluorobenzene	96		70 - 130
Dibromofluoromethane (Surr)	94		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-4SW-VD**

Lab Sample ID: 460-72174-7 Date Sampled: 03/06/2014 1010
Client Matrix: Solid % Moisture: 4.2 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367293.D
Dilution:	1.0			Initial Weight/Volume:	6.01 g
Analysis Date:	03/13/2014 1112			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1554				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-VS**

Lab Sample ID: 460-72174-8 Date Sampled: 03/06/2014 1020
Client Matrix: Solid % Moisture: 6.8 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367294.D
Dilution:	1.0			Initial Weight/Volume:	5.651 g
Analysis Date:	03/13/2014 1135			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1557				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.95
Bromomethane		0.41	U	0.41	0.95
Vinyl chloride		0.32	U	0.32	0.95
Chloroethane		0.31	U	0.31	0.95
Methylene Chloride		0.14	U	0.14	0.95
Acetone		17	B	1.6	4.7
Carbon disulfide		0.14	U	0.14	0.95
Trichlorofluoromethane		0.15	U	0.15	0.95
1,1-Dichloroethene		0.18	U	0.18	0.95
1,1-Dichloroethane		0.10	U	0.10	0.95
trans-1,2-Dichloroethene		0.12	U	0.12	0.95
cis-1,2-Dichloroethene		0.10	U	0.10	0.95
Chloroform		1.2		0.23	0.95
2-Butanone		0.60	U	0.60	4.7
1,2-Dichloroethane		0.17	U	0.17	0.95
1,1,1-Trichloroethane		0.12	U	0.12	0.95
Carbon tetrachloride		0.14	U	0.14	0.95
Benzene		0.14	U	0.14	0.95
Bromoform		0.16	U	0.16	0.95
Styrene		0.27	U	0.27	0.95
Ethylbenzene		0.16	U	0.16	0.95
Chlorobenzene		0.17	U	0.17	0.95
Cyclohexane		0.12	U	0.12	0.95
Isopropylbenzene		0.10	U	0.10	0.95
2-Hexanone		0.12	U	0.12	4.7
MTBE		0.10	U	0.10	0.95
Freon TF		0.10	U	0.10	0.95
Methyl acetate		0.30	U	0.30	4.7
1,4-Dioxane		12	U	12	19
Trichloroethene		0.63	J	0.11	0.95
Toluene		0.13	U	0.13	0.95
trans-1,3-Dichloropropene		0.095	U	0.095	0.95
4-Methyl-2-pentanone		0.19	U	0.19	4.7
cis-1,3-Dichloropropene		0.13	U	0.13	0.95
1,2-Dichlorobenzene		0.095	U	0.095	0.95
1,3-Dichlorobenzene		0.15	J	0.15	0.95
1,4-Dichlorobenzene		0.28	J	0.10	0.95
1,2,4-Trichlorobenzene		0.18	U	0.18	0.95
1,2,3-Trichlorobenzene		0.29	J	0.15	0.95
1,2-Dichloropropane		0.14	U	0.14	0.95
Methylcyclohexane		0.095	U	0.095	0.95
Tetrachloroethene		0.26	J	0.11	0.95
Xylenes, Total		0.64	U	0.64	1.9
1,2-Dibromo-3-Chloropropane		0.42	U	0.42	0.95
1,1,2,2-Tetrachloroethane		0.085	U	0.085	0.95
1,1,2-Trichloroethane		0.13	U	0.13	0.95

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-VS**

Lab Sample ID: 460-72174-8 Date Sampled: 03/06/2014 1020
Client Matrix: Solid % Moisture: 6.8 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367294.D
Dilution:	1.0			Initial Weight/Volume:	5.651 g
Analysis Date:	03/13/2014 1135			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1557				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.095	U	0.095	0.95
1,2-Dibromoethane		0.14	U	0.14	0.95
Dichlorodifluoromethane		0.21	U	0.21	0.95
Bromochloromethane		0.10	U	0.10	0.95
Bromodichloromethane		0.30	U	0.30	0.95

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 130
Toluene-d8 (Surr)	99		70 - 130
Bromofluorobenzene	110		70 - 130
Dibromofluoromethane (Surr)	97		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-VS**

Lab Sample ID: 460-72174-8 Date Sampled: 03/06/2014 1020
Client Matrix: Solid % Moisture: 6.8 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367294.D
Dilution:	1.0			Initial Weight/Volume:	5.651 g
Analysis Date:	03/13/2014 1135			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1557				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-VD**

Lab Sample ID: 460-72174-9 Date Sampled: 03/06/2014 1025
Client Matrix: Solid % Moisture: 4.9 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367295.D
Dilution:	1.0			Initial Weight/Volume:	6.419 g
Analysis Date:	03/13/2014 1158			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1559				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.13	U	0.13	0.82
Bromomethane		0.35	U	0.35	0.82
Vinyl chloride		0.28	U	0.28	0.82
Chloroethane		0.27	U	0.27	0.82
Methylene Chloride		0.12	U	0.12	0.82
Acetone		7.9	B	1.4	4.1
Carbon disulfide		0.12	U	0.12	0.82
Trichlorofluoromethane		0.13	U	0.13	0.82
1,1-Dichloroethene		0.16	U	0.16	0.82
1,1-Dichloroethane		0.090	U	0.090	0.82
trans-1,2-Dichloroethene		0.11	U	0.11	0.82
cis-1,2-Dichloroethene		0.090	U	0.090	0.82
Chloroform		0.20	U	0.20	0.82
2-Butanone		0.52	U	0.52	4.1
1,2-Dichloroethane		0.15	U	0.15	0.82
1,1,1-Trichloroethane		0.11	U	0.11	0.82
Carbon tetrachloride		0.12	U	0.12	0.82
Benzene		0.12	U	0.12	0.82
Bromoform		0.14	U	0.14	0.82
Styrene		0.23	U	0.23	0.82
Ethylbenzene		0.14	U	0.14	0.82
Chlorobenzene		0.15	U	0.15	0.82
Cyclohexane		0.11	U	0.11	0.82
Isopropylbenzene		0.090	U	0.090	0.82
2-Hexanone		0.11	U	0.11	4.1
MTBE		0.090	U	0.090	0.82
Freon TF		0.090	U	0.090	0.82
Methyl acetate		0.26	U	0.26	4.1
1,4-Dioxane		10	U	10	16
Trichloroethene		0.16	J	0.098	0.82
Toluene		0.11	U	0.11	0.82
trans-1,3-Dichloropropene		0.082	U	0.082	0.82
4-Methyl-2-pentanone		0.16	U	0.16	4.1
cis-1,3-Dichloropropene		0.11	U	0.11	0.82
1,2-Dichlorobenzene		0.082	U	0.082	0.82
1,3-Dichlorobenzene		0.13	U	0.13	0.82
1,4-Dichlorobenzene		0.18	J	0.090	0.82
1,2,4-Trichlorobenzene		0.16	U	0.16	0.82
1,2,3-Trichlorobenzene		0.13	U	0.13	0.82
1,2-Dichloropropane		0.12	U	0.12	0.82
Methylcyclohexane		0.082	U	0.082	0.82
Tetrachloroethene		0.098	U	0.098	0.82
Xylenes, Total		0.55	U	0.55	1.6
1,2-Dibromo-3-Chloropropane		0.36	U	0.36	0.82
1,1,2,2-Tetrachloroethane		0.074	U	0.074	0.82
1,1,2-Trichloroethane		0.11	U	0.11	0.82

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-VD**

Lab Sample ID: 460-72174-9 Date Sampled: 03/06/2014 1025
Client Matrix: Solid % Moisture: 4.9 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367295.D
Dilution:	1.0			Initial Weight/Volume:	6.419 g
Analysis Date:	03/13/2014 1158			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1559				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.082	U	0.082	0.82
1,2-Dibromoethane		0.12	U	0.12	0.82
Dichlorodifluoromethane		0.18	U	0.18	0.82
Bromochloromethane		0.090	U	0.090	0.82
Bromodichloromethane		0.26	U	0.26	0.82

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 130
Toluene-d8 (Surr)	96		70 - 130
Bromofluorobenzene	99		70 - 130
Dibromofluoromethane (Surr)	99		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-VD**

Lab Sample ID: 460-72174-9 Date Sampled: 03/06/2014 1025
Client Matrix: Solid % Moisture: 4.9 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367295.D
Dilution:	1.0			Initial Weight/Volume:	6.419 g
Analysis Date:	03/13/2014 1158			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1559				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-WT**

Lab Sample ID: 460-72174-10 Date Sampled: 03/06/2014 1030
Client Matrix: Solid % Moisture: 10.9 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367296.D
Dilution:	1.0			Initial Weight/Volume:	5.913 g
Analysis Date:	03/13/2014 1220			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1602				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.95
Bromomethane		0.41	U	0.41	0.95
Vinyl chloride		0.32	U	0.32	0.95
Chloroethane		0.31	U	0.31	0.95
Methylene Chloride		0.14	U	0.14	0.95
Acetone		1.6	U	1.6	4.7
Carbon disulfide		0.14	U	0.14	0.95
Trichlorofluoromethane		0.15	U	0.15	0.95
1,1-Dichloroethene		0.18	U	0.18	0.95
1,1-Dichloroethane		0.10	U	0.10	0.95
trans-1,2-Dichloroethene		0.12	U	0.12	0.95
cis-1,2-Dichloroethene		0.10	U	0.10	0.95
Chloroform		0.23	U	0.23	0.95
2-Butanone		0.60	U	0.60	4.7
1,2-Dichloroethane		0.17	U	0.17	0.95
1,1,1-Trichloroethane		0.12	U	0.12	0.95
Carbon tetrachloride		0.14	U	0.14	0.95
Benzene		0.14	U	0.14	0.95
Bromoform		0.16	U	0.16	0.95
Styrene		0.27	U	0.27	0.95
Ethylbenzene		0.16	U	0.16	0.95
Chlorobenzene		0.17	U	0.17	0.95
Cyclohexane		0.12	U	0.12	0.95
Isopropylbenzene		0.10	U	0.10	0.95
2-Hexanone		0.12	U	0.12	4.7
MTBE		0.10	U	0.10	0.95
Freon TF		0.10	U	0.10	0.95
Methyl acetate		0.30	U	0.30	4.7
1,4-Dioxane		12	U	12	19
Trichloroethene		0.11	U	0.11	0.95
Toluene		0.13	U	0.13	0.95
trans-1,3-Dichloropropene		0.095	U	0.095	0.95
4-Methyl-2-pentanone		0.19	U	0.19	4.7
cis-1,3-Dichloropropene		0.13	U	0.13	0.95
1,2-Dichlorobenzene		0.095	U	0.095	0.95
1,3-Dichlorobenzene		0.15	U	0.15	0.95
1,4-Dichlorobenzene		0.20	J	0.10	0.95
1,2,4-Trichlorobenzene		0.18	U	0.18	0.95
1,2,3-Trichlorobenzene		0.15	U	0.15	0.95
1,2-Dichloropropane		0.14	U	0.14	0.95
Methylcyclohexane		0.095	U	0.095	0.95
Tetrachloroethene		0.11	U	0.11	0.95
Xylenes, Total		0.64	U	0.64	1.9
1,2-Dibromo-3-Chloropropane		0.42	U	0.42	0.95
1,1,2,2-Tetrachloroethane		0.085	U	0.085	0.95
1,1,2-Trichloroethane		0.13	U	0.13	0.95

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-WT**

Lab Sample ID: 460-72174-10 Date Sampled: 03/06/2014 1030
Client Matrix: Solid % Moisture: 10.9 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367296.D
Dilution:	1.0			Initial Weight/Volume:	5.913 g
Analysis Date:	03/13/2014 1220			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1602				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.095	U	0.095	0.95
1,2-Dibromoethane		0.14	U	0.14	0.95
Dichlorodifluoromethane		0.21	U	0.21	0.95
Bromochloromethane		0.10	U	0.10	0.95
Bromodichloromethane		0.30	U	0.30	0.95

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
Toluene-d8 (Surr)	91		70 - 130
Bromofluorobenzene	98		70 - 130
Dibromofluoromethane (Surr)	92		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-WT**

Lab Sample ID: 460-72174-10 Date Sampled: 03/06/2014 1030
Client Matrix: Solid % Moisture: 10.9 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367296.D
Dilution:	1.0			Initial Weight/Volume:	5.913 g
Analysis Date:	03/13/2014 1220			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1602				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-5SW-WT**

Lab Sample ID: 460-72174-11 Date Sampled: 03/06/2014 1055
Client Matrix: Solid % Moisture: 6.3 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212239	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09926.D
Dilution:	50			Initial Weight/Volume:	6.196 g
Analysis Date:	03/13/2014 0321			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1323				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		8.3	U	8.3	86
Bromomethane		16	U	16	86
Vinyl chloride		12	U	12	86
Chloroethane		15	U *	15	86
Methylene Chloride		16	U	16	86
Acetone		230	U	230	430
Carbon disulfide		11	U	11	86
Trichlorofluoromethane		13	U	13	86
1,1-Dichloroethene		7.6	U	7.6	86
1,1-Dichloroethane		11	U	11	86
trans-1,2-Dichloroethene		11	U	11	86
cis-1,2-Dichloroethene		15	U	15	86
Chloroform		6.8	U	6.8	86
2-Butanone		200	U	200	430
1,2-Dichloroethane		16	U	16	86
1,1,1-Trichloroethane		5.4	U	5.4	86
Carbon tetrachloride		4.9	U	4.9	86
Benzene		7.1	U	7.1	86
Bromoform		17	U	17	86
Styrene		10	U	10	86
Ethylbenzene		8.3	U	8.3	86
Chlorobenzene		9.5	U	9.5	86
Cyclohexane		14	U	14	86
Isopropylbenzene		23	J	6.6	86
2-Hexanone		43	U *	43	430
MTBE		12	U	12	86
Freon TF		7.1	U	7.1	86
Methyl acetate		29	U	29	430
1,4-Dioxane		3100	U	3100	4300
Trichloroethene		7.9	U	7.9	86
Toluene		13	U	13	86
trans-1,3-Dichloropropene		21	U	21	86
4-Methyl-2-pentanone		85	U	85	430
cis-1,3-Dichloropropene		16	U	16	86
1,2-Dichlorobenzene		320		18	86
1,3-Dichlorobenzene		12	U	12	86
1,4-Dichlorobenzene		1600		20	86
1,2,4-Trichlorobenzene		970		29	86
1,2,3-Trichlorobenzene		1200		44	86
1,2-Dichloropropane		7.4	U	7.4	86
Methylcyclohexane		12	U	12	86
Tetrachloroethene		8.4	U	8.4	86
Xylenes, Total		300		31	170
1,2-Dibromo-3-Chloropropane		34	U	34	86
1,1,2,2-Tetrachloroethane		14	U	14	86
1,1,2-Trichloroethane		16	U	16	86

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-5SW-WT**

Lab Sample ID: 460-72174-11 Date Sampled: 03/06/2014 1055
Client Matrix: Solid % Moisture: 6.3 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212239	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09926.D
Dilution:	50			Initial Weight/Volume:	6.196 g
Analysis Date:	03/13/2014 0321			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1323				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		17	U	17	86
1,2-Dibromoethane		24	U	24	86
Dichlorodifluoromethane		19	U	19	86
Bromochloromethane		24	U	24	86
Bromodichloromethane		11	U	11	86

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		75 - 135
Toluene-d8 (Surr)	84		59 - 150
Bromofluorobenzene	85		72 - 133
Dibromofluoromethane (Surr)	85		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-5SW-WT**

Lab Sample ID: 460-72174-11 Date Sampled: 03/06/2014 1055
Client Matrix: Solid % Moisture: 6.3 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212239	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09926.D
Dilution:	50			Initial Weight/Volume:	6.196 g
Analysis Date:	03/13/2014 0321			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1323				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
526-73-8	Benzene, 1,2,3-trimethyl-	10.99	3200	J N
105-05-5	p-Diethylbenzene	11.16	4500	
	Unknown	11.47	3900	J
488-23-3	Benzene, 1,2,3,4-tetramethyl-	11.67	3500	J N
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.92	8000	J N
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	12.13	3400	J N
	Unknown	12.68	2700	J
1680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-methyl	12.73	3700	J N
4175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,4-dime	12.98	3500	J N
13065-07-1	Naphthalene, 1,2,3,4-tetrahydro-2,7-dime	13.10	3300	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-5SW-SI**

Lab Sample ID: 460-72174-12 Date Sampled: 03/06/2014 1100
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09953.D
Dilution:	50			Initial Weight/Volume:	6.892 g
Analysis Date:	03/13/2014 1703			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1324				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		8.1	U	8.1	84
Bromomethane		15	U	15	84
Vinyl chloride		12	U	12	84
Chloroethane		14	U	14	84
Methylene Chloride		15	U	15	84
Acetone		220	U	220	420
Carbon disulfide		160		11	84
Trichlorofluoromethane		12	U	12	84
1,1-Dichloroethene		7.4	U	7.4	84
1,1-Dichloroethane		11	U	11	84
trans-1,2-Dichloroethene		11	U	11	84
cis-1,2-Dichloroethene		15	U	15	84
Chloroform		6.6	U	6.6	84
2-Butanone		190	U	190	420
1,2-Dichloroethane		16	U	16	84
1,1,1-Trichloroethane		5.2	U	5.2	84
Carbon tetrachloride		4.8	U	4.8	84
Benzene		6.9	U	6.9	84
Bromoform		16	U	16	84
Styrene		9.9	U	9.9	84
Ethylbenzene		8.0	U	8.0	84
Chlorobenzene		9.2	U	9.2	84
Cyclohexane		13	U	13	84
Isopropylbenzene		190		6.4	84
2-Hexanone		42	U *	42	420
MTBE		12	U	12	84
Freon TF		6.9	U	6.9	84
Methyl acetate		28	U	28	420
1,4-Dioxane		3000	U	3000	4200
Trichloroethene		7.7	U	7.7	84
Toluene		13	U	13	84
trans-1,3-Dichloropropene		20	U	20	84
4-Methyl-2-pentanone		83	U	83	420
cis-1,3-Dichloropropene		15	U	15	84
1,2-Dichlorobenzene		200		17	84
1,3-Dichlorobenzene		460		11	84
1,4-Dichlorobenzene		2700		19	84
1,2,4-Trichlorobenzene		650		29	84
1,2,3-Trichlorobenzene		1500		43	84
1,2-Dichloropropane		7.2	U	7.2	84
Methylcyclohexane		360		11	84
Tetrachloroethene		8.1	U	8.1	84
Xylenes, Total		710		30	170
1,2-Dibromo-3-Chloropropane		34	U	34	84
1,1,2,2-Tetrachloroethane		13	U	13	84
1,1,2-Trichloroethane		16	U	16	84

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-5SW-SI**

Lab Sample ID: 460-72174-12 Date Sampled: 03/06/2014 1100
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09953.D
Dilution:	50			Initial Weight/Volume:	6.892 g
Analysis Date:	03/13/2014 1703			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1324				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		17	U	17	84
1,2-Dibromoethane		23	U	23	84
Dichlorodifluoromethane		18	U	18	84
Bromochloromethane		23	U	23	84
Bromodichloromethane		10	U	10	84

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	81		75 - 135
Toluene-d8 (Surr)	81		59 - 150
Bromofluorobenzene	80		72 - 133
Dibromofluoromethane (Surr)	75		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-5SW-SI**

Lab Sample ID: 460-72174-12 Date Sampled: 03/06/2014 1100
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09953.D
Dilution:	50			Initial Weight/Volume:	6.892 g
Analysis Date:	03/13/2014 1703			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1324				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.16	3500	J N
874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	11.48	6000	J N
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	11.52	3800	J N
64666-42-8	1-methyl-1-indanol	11.71	3500	J N
1075-76-9	Propanenitrile, 3-(phenylamino)-	11.80	4300	J N
934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	11.92	8100	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	12.13	4500	J N
4810-04-2	Benzene, 1,3,5-trimethyl-2-propyl-	12.68	3900	J N
25419-33-4	Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	12.97	4400	J N
13065-07-1	Naphthalene, 1,2,3,4-tetrahydro-2,7-dime	13.10	5000	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-VD**

Lab Sample ID: 460-72174-13 Date Sampled: 03/06/2014 1120
Client Matrix: Solid % Moisture: 4.6 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367297.D
Dilution:	1.0			Initial Weight/Volume:	6.038 g
Analysis Date:	03/13/2014 1242			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1609				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.14	U	0.14	0.87
Bromomethane		0.37	U	0.37	0.87
Vinyl chloride		0.30	U	0.30	0.87
Chloroethane		0.29	U	0.29	0.87
Methylene Chloride		0.13	U	0.13	0.87
Acetone		1.5	U	1.5	4.3
Carbon disulfide		0.13	U	0.13	0.87
Trichlorofluoromethane		0.14	U	0.14	0.87
1,1-Dichloroethene		0.16	U	0.16	0.87
1,1-Dichloroethane		0.095	U	0.095	0.87
trans-1,2-Dichloroethene		0.11	U	0.11	0.87
cis-1,2-Dichloroethene		0.095	U	0.095	0.87
Chloroform		0.21	U	0.21	0.87
2-Butanone		0.55	U	0.55	4.3
1,2-Dichloroethane		0.16	U	0.16	0.87
1,1,1-Trichloroethane		0.11	U	0.11	0.87
Carbon tetrachloride		0.13	U	0.13	0.87
Benzene		0.13	U	0.13	0.87
Bromoform		0.15	U	0.15	0.87
Styrene		0.24	U	0.24	0.87
Ethylbenzene		0.15	U	0.15	0.87
Chlorobenzene		0.16	U	0.16	0.87
Cyclohexane		0.11	U	0.11	0.87
Isopropylbenzene		0.095	U	0.095	0.87
2-Hexanone		0.11	U	0.11	4.3
MTBE		0.095	U	0.095	0.87
Freon TF		0.095	U	0.095	0.87
Methyl acetate		0.28	U	0.28	4.3
1,4-Dioxane		11	U	11	17
Trichloroethene		0.38	J	0.10	0.87
Toluene		0.14	J	0.12	0.87
trans-1,3-Dichloropropene		0.087	U	0.087	0.87
4-Methyl-2-pentanone		0.17	U	0.17	4.3
cis-1,3-Dichloropropene		0.12	U	0.12	0.87
1,2-Dichlorobenzene		0.14	J	0.087	0.87
1,3-Dichlorobenzene		0.14	U	0.14	0.87
1,4-Dichlorobenzene		0.35	J	0.095	0.87
1,2,4-Trichlorobenzene		2.0		0.16	0.87
1,2,3-Trichlorobenzene		0.64	J	0.14	0.87
1,2-Dichloropropane		0.13	U	0.13	0.87
Methylcyclohexane		0.087	U	0.087	0.87
Tetrachloroethene		0.10	U	0.10	0.87
Xylenes, Total		0.58	U	0.58	1.7
1,2-Dibromo-3-Chloropropane		0.38	U	0.38	0.87
1,1,2,2-Tetrachloroethane		0.078	U	0.078	0.87
1,1,2-Trichloroethane		0.12	U	0.12	0.87

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-VD**

Lab Sample ID: 460-72174-13 Date Sampled: 03/06/2014 1120
Client Matrix: Solid % Moisture: 4.6 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367297.D
Dilution:	1.0			Initial Weight/Volume:	6.038 g
Analysis Date:	03/13/2014 1242			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1609				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.087	U	0.087	0.87
1,2-Dibromoethane		0.13	U	0.13	0.87
Dichlorodifluoromethane		0.19	U	0.19	0.87
Bromochloromethane		0.095	U	0.095	0.87
Bromodichloromethane		0.28	U	0.28	0.87

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 130
Toluene-d8 (Surr)	97		70 - 130
Bromofluorobenzene	95		70 - 130
Dibromofluoromethane (Surr)	96		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-VD**

Lab Sample ID: 460-72174-13 Date Sampled: 03/06/2014 1120
Client Matrix: Solid % Moisture: 4.6 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367297.D
Dilution:	1.0			Initial Weight/Volume:	6.038 g
Analysis Date:	03/13/2014 1242			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1609				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-WT**

Lab Sample ID: 460-72174-14 Date Sampled: 03/06/2014 1125
Client Matrix: Solid % Moisture: 10.9 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367298.D
Dilution:	1.0			Initial Weight/Volume:	6.43 g
Analysis Date:	03/13/2014 1305			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1612				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.14	U	0.14	0.87
Bromomethane		0.38	U	0.38	0.87
Vinyl chloride		0.30	U	0.30	0.87
Chloroethane		0.29	U	0.29	0.87
Methylene Chloride		0.13	U	0.13	0.87
Acetone		19	B	1.5	4.4
Carbon disulfide		0.13	U	0.13	0.87
Trichlorofluoromethane		0.14	U	0.14	0.87
1,1-Dichloroethene		0.17	U	0.17	0.87
1,1-Dichloroethane		0.096	U	0.096	0.87
trans-1,2-Dichloroethene		0.11	U	0.11	0.87
cis-1,2-Dichloroethene		0.23	J	0.096	0.87
Chloroform		8.4		0.21	0.87
2-Butanone		0.55	U	0.55	4.4
1,2-Dichloroethane		0.16	U	0.16	0.87
1,1,1-Trichloroethane		0.11	U	0.11	0.87
Carbon tetrachloride		0.13	U	0.13	0.87
Benzene		0.13	U	0.13	0.87
Bromoform		0.15	U	0.15	0.87
Styrene		0.24	U	0.24	0.87
Ethylbenzene		0.15	U	0.15	0.87
Chlorobenzene		5.7		0.16	0.87
Cyclohexane		0.11	U	0.11	0.87
Isopropylbenzene		3.3		0.096	0.87
2-Hexanone		0.11	U	0.11	4.4
MTBE		0.096	U	0.096	0.87
Freon TF		0.096	U	0.096	0.87
Methyl acetate		0.28	U	0.28	4.4
1,4-Dioxane		11	U	11	17
Trichloroethene		8.0		0.10	0.87
Toluene		0.12	U	0.12	0.87
trans-1,3-Dichloropropene		0.087	U	0.087	0.87
4-Methyl-2-pentanone		0.17	U	0.17	4.4
cis-1,3-Dichloropropene		0.12	U	0.12	0.87
1,2-Dichlorobenzene		7.4		0.087	0.87
1,3-Dichlorobenzene		0.14	U	0.14	0.87
1,4-Dichlorobenzene		2.6		0.096	0.87
1,2,4-Trichlorobenzene		66		0.17	0.87
1,2,3-Trichlorobenzene		35		0.14	0.87
1,2-Dichloropropane		0.13	U	0.13	0.87
Methylcyclohexane		21		0.087	0.87
Tetrachloroethene		6.7		0.10	0.87
Xylenes, Total		78		0.58	1.7
1,2-Dibromo-3-Chloropropane		0.38	U	0.38	0.87
1,1,2,2-Tetrachloroethane		0.079	U	0.079	0.87
1,1,2-Trichloroethane		0.12	U	0.12	0.87

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-WT**

Lab Sample ID: 460-72174-14 Date Sampled: 03/06/2014 1125
Client Matrix: Solid % Moisture: 10.9 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367298.D
Dilution:	1.0			Initial Weight/Volume:	6.43 g
Analysis Date:	03/13/2014 1305			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1612				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.087	U	0.087	0.87
1,2-Dibromoethane		0.13	U	0.13	0.87
Dichlorodifluoromethane		0.19	U	0.19	0.87
Bromochloromethane		0.096	U	0.096	0.87
Bromodichloromethane		0.28	U	0.28	0.87

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 130
Toluene-d8 (Surr)	126		70 - 130
Bromofluorobenzene	88		70 - 130
Dibromofluoromethane (Surr)	97		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-WT**

Lab Sample ID: 460-72174-14 Date Sampled: 03/06/2014 1125
Client Matrix: Solid % Moisture: 10.9 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367298.D
Dilution:	1.0			Initial Weight/Volume:	6.43 g
Analysis Date:	03/13/2014 1305			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1612				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
6783-92-2	Cyclohexane, 1,1,2,3-tetramethyl-	8.76	130	J N
2847-72-5	Decane, 4-methyl-	9.28	200	J N
1678-93-9	Cyclohexane, butyl-	9.45	170	J N
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	9.63	110	J N
1074-43-7	Benzene, 1-methyl-3-propyl-	9.90	130	J N
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	9.95	170	J N
1074-17-5	Benzene, 1-methyl-2-propyl-	10.09	100	J N
	Unknown	10.68	140	J
17301-23-4	Undecane, 2,6-dimethyl-	10.80	220	J N
	Unknown	11.06	130	J

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-SI**

Lab Sample ID: 460-72174-15 Date Sampled: 03/06/2014 1130
Client Matrix: Solid % Moisture: 12.0 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367331.D
Dilution:	1.0			Initial Weight/Volume:	6.304 g
Analysis Date:	03/14/2014 0349			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1614				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.14	U	0.14	0.90
Bromomethane		0.39	U	0.39	0.90
Vinyl chloride		0.31	U	0.31	0.90
Chloroethane		0.30	U	0.30	0.90
Methylene Chloride		0.14	U	0.14	0.90
Acetone		780	B	1.5	4.5
Carbon disulfide		34		0.14	0.90
Trichlorofluoromethane		0.14	U	0.14	0.90
1,1-Dichloroethene		0.17	U	0.17	0.90
1,1-Dichloroethane		0.099	U	0.099	0.90
trans-1,2-Dichloroethene		0.12	U	0.12	0.90
cis-1,2-Dichloroethene		4.1		0.099	0.90
Chloroform		160		0.22	0.90
2-Butanone		82		0.57	4.5
1,2-Dichloroethane		0.16	U	0.16	0.90
1,1,1-Trichloroethane		0.29	J	0.12	0.90
Carbon tetrachloride		0.14	U	0.14	0.90
Benzene		0.37	J	0.14	0.90
Bromoform		0.15	U	0.15	0.90
Styrene		0.25	U	0.25	0.90
Ethylbenzene		36		0.15	0.90
Chlorobenzene		5.0		0.16	0.90
Cyclohexane		7.1		0.12	0.90
Isopropylbenzene		46		0.099	0.90
2-Hexanone		0.12	U	0.12	4.5
MTBE		0.099	U	0.099	0.90
Freon TF		0.099	U	0.099	0.90
Methyl acetate		0.29	U	0.29	4.5
1,4-Dioxane		11	U	11	18
Trichloroethene		9.6		0.11	0.90
Toluene		3.5		0.13	0.90
trans-1,3-Dichloropropene		0.090	U	0.090	0.90
4-Methyl-2-pentanone		0.18	U	0.18	4.5
cis-1,3-Dichloropropene		0.13	U	0.13	0.90
1,2-Dichlorobenzene		9.6		0.090	0.90
1,3-Dichlorobenzene		0.14	U	0.14	0.90
1,4-Dichlorobenzene		1.6		0.099	0.90
1,2,4-Trichlorobenzene		49		0.17	0.90
1,2,3-Trichlorobenzene		18		0.14	0.90
1,2-Dichloropropane		0.14	U	0.14	0.90
Methylcyclohexane		100		0.090	0.90
Tetrachloroethene		4.9		0.11	0.90
Xylenes, Total		140		0.60	1.8
1,2-Dibromo-3-Chloropropane		0.40	U	0.40	0.90
1,1,2,2-Tetrachloroethane		0.081	U	0.081	0.90
1,1,2-Trichloroethane		0.13	U	0.13	0.90

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-SI**

Lab Sample ID: 460-72174-15 Date Sampled: 03/06/2014 1130
Client Matrix: Solid % Moisture: 12.0 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367331.D
Dilution:	1.0			Initial Weight/Volume:	6.304 g
Analysis Date:	03/14/2014 0349			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1614				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.090	U	0.090	0.90
1,2-Dibromoethane		0.14	U	0.14	0.90
Dichlorodifluoromethane		0.20	U	0.20	0.90
Bromochloromethane		0.099	U	0.099	0.90
Bromodichloromethane		0.29	U	0.29	0.90

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 130
Toluene-d8 (Surr)	113		70 - 130
Bromofluorobenzene	105		70 - 130
Dibromofluoromethane (Surr)	89		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-SI**

Lab Sample ID: 460-72174-15 Date Sampled: 03/06/2014 1130
Client Matrix: Solid % Moisture: 12.0 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367331.D
Dilution:	1.0			Initial Weight/Volume:	6.304 g
Analysis Date:	03/14/2014 0349			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1614				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
2051-30-1	Octane, 2,6-dimethyl-	8.74	81	J N
124-18-5	Decane	9.02	130	J N
2847-72-5	Decane, 4-methyl-	9.28	94	J N
95-63-6	Benzene, 1,2,4-trimethyl-	9.45	160	J N
526-73-8	Benzene, 1,2,3-trimethyl-	9.77	91	J N
1120-21-4	Undecane	9.93	230	J N
1074-55-1	Benzene, 1-methyl-4-propyl-	10.09	76	J N
112-40-3	Dodecane	10.67	130	J N
17301-23-4	Undecane, 2,6-dimethyl-	10.80	160	J N
6434-76-0	6-Tridecene, (E)-	11.05	95	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-VD**

Lab Sample ID: 460-72174-16 Date Sampled: 03/06/2014 1145
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212899	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367429.D
Dilution:	1.0			Initial Weight/Volume:	6.358 g
Analysis Date:	03/16/2014 1110			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1618				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.13	U	0.13	0.84
Bromomethane		0.36	U	0.36	0.84
Vinyl chloride		0.28	U	0.28	0.84
Chloroethane		0.28	U	0.28	0.84
Methylene Chloride		0.13	U	0.13	0.84
Acetone		1.4	U	1.4	4.2
Carbon disulfide		0.13	U	0.13	0.84
Trichlorofluoromethane		0.13	U	0.13	0.84
1,1-Dichloroethene		0.16	U	0.16	0.84
1,1-Dichloroethane		0.092	U	0.092	0.84
trans-1,2-Dichloroethene		0.11	U	0.11	0.84
cis-1,2-Dichloroethene		0.19	J	0.092	0.84
Chloroform		1.4		0.20	0.84
2-Butanone		0.53	U	0.53	4.2
1,2-Dichloroethane		0.15	U	0.15	0.84
1,1,1-Trichloroethane		0.11	U	0.11	0.84
Carbon tetrachloride		0.13	U	0.13	0.84
Benzene		0.13	U	0.13	0.84
Bromoform		0.14	U	0.14	0.84
Styrene		0.23	U	0.23	0.84
Ethylbenzene		0.36	J	0.14	0.84
Chlorobenzene		0.15	U	0.15	0.84
Cyclohexane		0.11	U	0.11	0.84
Isopropylbenzene		0.092	U	0.092	0.84
2-Hexanone		0.11	U	0.11	4.2
MTBE		0.092	U	0.092	0.84
Freon TF		0.092	U	0.092	0.84
Methyl acetate		0.27	U *	0.27	4.2
1,4-Dioxane		11	U	11	17
Trichloroethene		0.55	J	0.10	0.84
Toluene		0.93		0.12	0.84
trans-1,3-Dichloropropene		0.084	U	0.084	0.84
4-Methyl-2-pentanone		0.17	U	0.17	4.2
cis-1,3-Dichloropropene		0.12	U	0.12	0.84
1,2-Dichlorobenzene		1.0		0.084	0.84
1,3-Dichlorobenzene		2.3		0.13	0.84
1,4-Dichlorobenzene		2.9		0.092	0.84
1,2,4-Trichlorobenzene		1.5		0.16	0.84
1,2,3-Trichlorobenzene		18		0.13	0.84
1,2-Dichloropropane		0.13	U	0.13	0.84
Methylcyclohexane		0.084	U	0.084	0.84
Tetrachloroethene		0.21	J *	0.10	0.84
Xylenes, Total		0.80	J	0.56	1.7
1,2-Dibromo-3-Chloropropane		0.37	U	0.37	0.84
1,1,2,2-Tetrachloroethane		0.075	U	0.075	0.84
1,1,2-Trichloroethane		0.12	U	0.12	0.84

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-VD**

Lab Sample ID: 460-72174-16 Date Sampled: 03/06/2014 1145
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212899	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367429.D
Dilution:	1.0			Initial Weight/Volume:	6.358 g
Analysis Date:	03/16/2014 1110			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1618				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.084	U	0.084	0.84
1,2-Dibromoethane		0.13	U	0.13	0.84
Dichlorodifluoromethane		0.18	U	0.18	0.84
Bromochloromethane		0.092	U *	0.092	0.84
Bromodichloromethane		0.27	U	0.27	0.84

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
Toluene-d8 (Surr)	87		70 - 130
Bromofluorobenzene	99		70 - 130
Dibromofluoromethane (Surr)	105		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-VD**

Lab Sample ID: 460-72174-16 Date Sampled: 03/06/2014 1145
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212899	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367429.D
Dilution:	1.0			Initial Weight/Volume:	6.358 g
Analysis Date:	03/16/2014 1110			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1618				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	4.55	4.3	J
1000214-98-3	1,3,4-Trimethyladamantane	11.35	5.2	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	12.29	11	J N
634-90-2	Benzene, 1,2,3,5-tetrachloro-	12.82	4.9	J N
62199-50-2	Cyclopentane, 1-butyl-2-propyl-	13.03	11	J N
	Unknown	13.17	13	J
1000193-58-6	2,4,6-Trimethyl-2-(4-methyl-pent-3-enyl)	13.51	5.2	J N
	Unknown	13.86	4.6	J
1000193-58-6	2,4,6-Trimethyl-2-(4-methyl-pent-3-enyl)	14.41	5.2	J N
	Unknown	14.58	6.3	J

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-WT**

Lab Sample ID: 460-72174-17 Date Sampled: 03/06/2014 1150
Client Matrix: Solid % Moisture: 11.4 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09952.D
Dilution:	50			Initial Weight/Volume:	6.872 g
Analysis Date:	03/13/2014 1639			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1329				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		7.9	U	7.9	82
Bromomethane		15	U	15	82
Vinyl chloride		12	U	12	82
Chloroethane		14	U	14	82
Methylene Chloride		15	U	15	82
Acetone		220	U	220	410
Carbon disulfide		10	U	10	82
Trichlorofluoromethane		12	U	12	82
1,1-Dichloroethene		7.3	U	7.3	82
1,1-Dichloroethane		11	U	11	82
trans-1,2-Dichloroethene		11	U	11	82
cis-1,2-Dichloroethene		15	U	15	82
Chloroform		6.5	U	6.5	82
2-Butanone		190	U	190	410
1,2-Dichloroethane		16	U	16	82
1,1,1-Trichloroethane		5.1	U	5.1	82
Carbon tetrachloride		4.7	U	4.7	82
Benzene		6.8	U	6.8	82
Bromoform		16	U	16	82
Styrene		9.7	U	9.7	82
Ethylbenzene		7.9	U	7.9	82
Chlorobenzene		9.0	U	9.0	82
Cyclohexane		13	U	13	82
Isopropylbenzene		6.3	U	6.3	82
2-Hexanone		41	U *	41	410
MTBE		11	U	11	82
Freon TF		6.7	U	6.7	82
Methyl acetate		28	U	28	410
1,4-Dioxane		3000	U	3000	4100
Trichloroethene		7.6	U	7.6	82
Toluene		12	U	12	82
trans-1,3-Dichloropropene		20	U	20	82
4-Methyl-2-pentanone		81	U	81	410
cis-1,3-Dichloropropene		15	U	15	82
1,2-Dichlorobenzene		340		17	82
1,3-Dichlorobenzene		410		11	82
1,4-Dichlorobenzene		1500		19	82
1,2,4-Trichlorobenzene		1100		28	82
1,2,3-Trichlorobenzene		1300		42	82
1,2-Dichloropropane		7.1	U	7.1	82
Methylcyclohexane		11	U	11	82
Tetrachloroethene		8.0	U	8.0	82
Xylenes, Total		29	U	29	160
1,2-Dibromo-3-Chloropropane		33	U	33	82
1,1,2,2-Tetrachloroethane		13	U	13	82
1,1,2-Trichloroethane		15	U	15	82

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-WT**

Lab Sample ID: 460-72174-17 Date Sampled: 03/06/2014 1150
Client Matrix: Solid % Moisture: 11.4 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09952.D
Dilution:	50			Initial Weight/Volume:	6.872 g
Analysis Date:	03/13/2014 1639			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1329				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		16	U	16	82
1,2-Dibromoethane		23	U	23	82
Dichlorodifluoromethane		18	U	18	82
Bromochloromethane		22	U	22	82
Bromodichloromethane		10	U	10	82

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		75 - 135
Toluene-d8 (Surr)	84		59 - 150
Bromofluorobenzene	83		72 - 133
Dibromofluoromethane (Surr)	81		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-WT**

Lab Sample ID: 460-72174-17 Date Sampled: 03/06/2014 1150
Client Matrix: Solid % Moisture: 11.4 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09952.D
Dilution:	50			Initial Weight/Volume:	6.872 g
Analysis Date:	03/13/2014 1639			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1329				

Tentatively Identified Compounds **Number TIC's Found: 5**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
62016-37-9	Octane, 2,4,6-trimethyl-	9.98	470	J N
493-02-7	Naphthalene, decahydro-, trans-	11.14	440	J N
1000152-47-3	trans-Decalin, 2-methyl-	11.54	450	J N
2958-75-0	1-Methyldecahydronaphthalene	11.67	550	J N
10487-96-4	1-Phenylcyclopentanol-1	12.00	430	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-SI**

Lab Sample ID: 460-72174-18 Date Sampled: 03/06/2014 1155
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367300.D
Dilution:	1.0			Initial Weight/Volume:	5.169 g
Analysis Date:	03/13/2014 1351			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1621				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.18	U	0.18	1.1
Bromomethane		0.48	U	0.48	1.1
Vinyl chloride		0.38	U	0.38	1.1
Chloroethane		0.37	U	0.37	1.1
Methylene Chloride		0.17	U	0.17	1.1
Acetone		1.9	U	1.9	5.5
Carbon disulfide		0.17	U	0.17	1.1
Trichlorofluoromethane		0.18	U	0.18	1.1
1,1-Dichloroethene		0.21	U	0.21	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1
cis-1,2-Dichloroethene		1.8		0.12	1.1
Chloroform		1.0	J	0.27	1.1
2-Butanone		0.70	U	0.70	5.5
1,2-Dichloroethane		0.20	U	0.20	1.1
1,1,1-Trichloroethane		0.14	U	0.14	1.1
Carbon tetrachloride		0.17	U	0.17	1.1
Benzene		0.17	U	0.17	1.1
Bromoform		0.19	U	0.19	1.1
Styrene		0.31	U	0.31	1.1
Ethylbenzene		0.19	U	0.19	1.1
Chlorobenzene		0.20	U	0.20	1.1
Cyclohexane		0.14	U	0.14	1.1
Isopropylbenzene		0.12	U	0.12	1.1
2-Hexanone		0.14	U	0.14	5.5
MTBE		0.12	U	0.12	1.1
Freon TF		0.12	U	0.12	1.1
Methyl acetate		0.35	U	0.35	5.5
1,4-Dioxane		14	U	14	22
Trichloroethene		1.7		0.13	1.1
Toluene		0.31	J	0.16	1.1
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
4-Methyl-2-pentanone		0.22	U	0.22	5.5
cis-1,3-Dichloropropene		0.16	U	0.16	1.1
1,2-Dichlorobenzene		1.2		0.11	1.1
1,3-Dichlorobenzene		1.0	J	0.18	1.1
1,4-Dichlorobenzene		3.1		0.12	1.1
1,2,4-Trichlorobenzene		2.0		0.21	1.1
1,2,3-Trichlorobenzene		6.9		0.18	1.1
1,2-Dichloropropane		0.17	U	0.17	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Tetrachloroethene		0.34	J	0.13	1.1
Xylenes, Total		0.74	U	0.74	2.2
1,2-Dibromo-3-Chloropropane		0.49	U	0.49	1.1
1,1,2,2-Tetrachloroethane		0.10	U	0.10	1.1
1,1,2-Trichloroethane		0.16	U	0.16	1.1

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-SI**

Lab Sample ID: 460-72174-18 Date Sampled: 03/06/2014 1155
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367300.D
Dilution:	1.0			Initial Weight/Volume:	5.169 g
Analysis Date:	03/13/2014 1351			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1621				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.11	U	0.11	1.1
1,2-Dibromoethane		0.17	U	0.17	1.1
Dichlorodifluoromethane		0.24	U	0.24	1.1
Bromochloromethane		0.12	U	0.12	1.1
Bromodichloromethane		0.35	U	0.35	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 130
Toluene-d8 (Surr)	92		70 - 130
Bromofluorobenzene	95		70 - 130
Dibromofluoromethane (Surr)	90		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-SI**

Lab Sample ID: 460-72174-18 Date Sampled: 03/06/2014 1155
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367300.D
Dilution:	1.0			Initial Weight/Volume:	5.169 g
Analysis Date:	03/13/2014 1351			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1621				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1120-21-4	Undecane	9.92	24	J N
112-40-3	Dodecane	10.67	21	J N
17301-23-4	Undecane, 2,6-dimethyl-	10.79	26	J N
6508-77-6	6-Tridecene, (Z)-	11.05	20	J N
1072-05-5	Heptane, 2,6-dimethyl-	11.33	14	J N
3891-98-3	Dodecane, 2,6,10-trimethyl-	11.90	14	J N
629-59-4	Tetradecane	12.03	18	J N
90-12-0	Naphthalene, 1-methyl-	12.32	16	J N
6117-97-1	Dodecane, 4-methyl-	12.58	20	J N
581-42-0	Naphthalene, 2,6-dimethyl-	13.24	16	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-VS**

Lab Sample ID: 460-72174-19 Date Sampled: 03/06/2014 1225
Client Matrix: Solid % Moisture: 6.6 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367301.D
Dilution:	1.0			Initial Weight/Volume:	6.953 g
Analysis Date:	03/13/2014 1414			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1624				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.12	U	0.12	0.77
Bromomethane		0.33	U	0.33	0.77
Vinyl chloride		0.26	U	0.26	0.77
Chloroethane		0.25	U	0.25	0.77
Methylene Chloride		0.12	U	0.12	0.77
Acetone		1.3	U	1.3	3.8
Carbon disulfide		0.12	U	0.12	0.77
Trichlorofluoromethane		0.12	U	0.12	0.77
1,1-Dichloroethene		0.15	U	0.15	0.77
1,1-Dichloroethane		0.085	U	0.085	0.77
trans-1,2-Dichloroethene		0.10	U	0.10	0.77
cis-1,2-Dichloroethene		4.8		0.085	0.77
Chloroform		6.4		0.18	0.77
2-Butanone		0.48	U	0.48	3.8
1,2-Dichloroethane		0.14	U	0.14	0.77
1,1,1-Trichloroethane		0.10	U	0.10	0.77
Carbon tetrachloride		0.12	U	0.12	0.77
Benzene		0.12	U	0.12	0.77
Bromoform		0.13	U	0.13	0.77
Styrene		0.22	U	0.22	0.77
Ethylbenzene		0.84		0.13	0.77
Chlorobenzene		1.4		0.14	0.77
Cyclohexane		0.10	U	0.10	0.77
Isopropylbenzene		0.085	U	0.085	0.77
2-Hexanone		0.10	U	0.10	3.8
MTBE		0.085	U	0.085	0.77
Freon TF		0.085	U	0.085	0.77
Methyl acetate		0.25	U	0.25	3.8
1,4-Dioxane		9.8	U	9.8	15
Trichloroethene		36		0.092	0.77
Toluene		0.66	J	0.11	0.77
trans-1,3-Dichloropropene		0.077	U	0.077	0.77
4-Methyl-2-pentanone		0.15	U	0.15	3.8
cis-1,3-Dichloropropene		0.11	U	0.11	0.77
1,2-Dichlorobenzene		2.0		0.077	0.77
1,3-Dichlorobenzene		0.12	U	0.12	0.77
1,4-Dichlorobenzene		0.40	J	0.085	0.77
1,2,4-Trichlorobenzene		6.4		0.15	0.77
1,2,3-Trichlorobenzene		1.7		0.12	0.77
1,2-Dichloropropane		0.12	U	0.12	0.77
Methylcyclohexane		0.077	U	0.077	0.77
Tetrachloroethene		1.0		0.092	0.77
Xylenes, Total		1.2	J	0.52	1.5
1,2-Dibromo-3-Chloropropane		0.34	U	0.34	0.77
1,1,2,2-Tetrachloroethane		0.069	U	0.069	0.77
1,1,2-Trichloroethane		0.11	U	0.11	0.77

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-VS**

Lab Sample ID: 460-72174-19 Date Sampled: 03/06/2014 1225
Client Matrix: Solid % Moisture: 6.6 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367301.D
Dilution:	1.0			Initial Weight/Volume:	6.953 g
Analysis Date:	03/13/2014 1414			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1624				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.077	U	0.077	0.77
1,2-Dibromoethane		0.12	U	0.12	0.77
Dichlorodifluoromethane		0.17	U	0.17	0.77
Bromochloromethane		0.085	U	0.085	0.77
Bromodichloromethane		0.25	U	0.25	0.77

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 130
Toluene-d8 (Surr)	91		70 - 130
Bromofluorobenzene	94		70 - 130
Dibromofluoromethane (Surr)	95		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-VS**

Lab Sample ID: 460-72174-19 Date Sampled: 03/06/2014 1225
Client Matrix: Solid % Moisture: 6.6 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367301.D
Dilution:	1.0			Initial Weight/Volume:	6.953 g
Analysis Date:	03/13/2014 1414			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1624				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-VD**

Lab Sample ID: 460-72174-20 Date Sampled: 03/06/2014 1230
Client Matrix: Solid % Moisture: 12.2 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212905	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J10087.D
Dilution:	1000			Initial Weight/Volume:	8.15 g
Analysis Date:	03/16/2014 1715			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1331				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		140	U	140	1400
Bromomethane		250	U	250	1400
Vinyl chloride		200	U	200	1400
Chloroethane		240	U	240	1400
Methylene Chloride		250	U	250	1400
Acetone		3700	U	3700	7000
Carbon disulfide		180	U	180	1400
Trichlorofluoromethane		200	U	200	1400
1,1-Dichloroethene		120	U	120	1400
1,1-Dichloroethane		180	U	180	1400
trans-1,2-Dichloroethene		180	U	180	1400
cis-1,2-Dichloroethene		11000		250	1400
Chloroform		110	U	110	1400
2-Butanone		3200	U	3200	7000
1,2-Dichloroethane		260	U	260	1400
1,1,1-Trichloroethane		1200	J	87	1400
Carbon tetrachloride		80	U	80	1400
Benzene		220	J	120	1400
Bromoform		270	U	270	1400
Styrene		23000		170	1400
Ethylbenzene		24000		130	1400
Chlorobenzene		5800		150	1400
Cyclohexane		220	U	220	1400
Isopropylbenzene		3300		110	1400
2-Hexanone		700	U *	700	7000
MTBE		190	U	190	1400
Freon TF		6900		110	1400
Methyl acetate		470	U	470	7000
1,4-Dioxane		50000	U	50000	70000
Trichloroethene		420000		130	1400
Toluene		17000		210	1400
trans-1,3-Dichloropropene		340	U	340	1400
4-Methyl-2-pentanone		1400	U	1400	7000
cis-1,3-Dichloropropene		260	U	260	1400
1,2-Dichlorobenzene		9300		290	1400
1,3-Dichlorobenzene		190	U	190	1400
1,4-Dichlorobenzene		330	U	330	1400
1,2,4-Trichlorobenzene		46000		480	1400
1,2,3-Trichlorobenzene		11000		720	1400
1,2-Dichloropropane		120	U	120	1400
Methylcyclohexane		1800		190	1400
Tetrachloroethene		20000		140	1400
Xylenes, Total		110000		500	2800
1,2-Dibromo-3-Chloropropane		560	U	560	1400
1,1,2,2-Tetrachloroethane		220	U	220	1400
1,1,2-Trichloroethane		260	U	260	1400

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-VD**

Lab Sample ID: 460-72174-20 Date Sampled: 03/06/2014 1230
Client Matrix: Solid % Moisture: 12.2 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212905	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J10087.D
Dilution:	1000			Initial Weight/Volume:	8.15 g
Analysis Date:	03/16/2014 1715			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1331				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		280	U	280	1400
1,2-Dibromoethane		380	U	380	1400
Dichlorodifluoromethane		300	U	300	1400
Bromochloromethane		380	U	380	1400
Bromodichloromethane		170	U	170	1400

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		75 - 135
Toluene-d8 (Surr)	80		59 - 150
Bromofluorobenzene	81		72 - 133
Dibromofluoromethane (Surr)	74		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-VD**

Lab Sample ID: 460-72174-20 Date Sampled: 03/06/2014 1230
Client Matrix: Solid % Moisture: 12.2 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212905	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J10087.D
Dilution:	1000			Initial Weight/Volume:	8.15 g
Analysis Date:	03/16/2014 1715			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1331				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
611-14-3	Benzene, 1-ethyl-2-methyl-	10.33	7700	J N
124-18-5	Decane	10.36	7600	J N
95-63-6	Benzene, 1,2,4-trimethyl-	10.69	13000	J N
526-73-8	Benzene, 1,2,3-trimethyl-	10.99	8500	J N
95-13-6	Indene	11.27	15000	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.67	9100	J N
934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	11.92	14000	J N
91-20-3	Naphthalene	12.37	47000	J N
91-57-6	Naphthalene, 2-methyl-	13.18	53000	J N
90-12-0	Naphthalene, 1-methyl-	13.34	19000	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-SD**

Lab Sample ID: 460-72174-21 Date Sampled: 03/06/2014 1530
Client Matrix: Solid % Moisture: 18.6 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367302.D
Dilution:	1.0			Initial Weight/Volume:	6.505 g
Analysis Date:	03/13/2014 1437			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1629				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.94
Bromomethane		0.41	U	0.41	0.94
Vinyl chloride		0.32	U	0.32	0.94
Chloroethane		0.31	U	0.31	0.94
Methylene Chloride		0.14	U	0.14	0.94
Acetone		1.6	U	1.6	4.7
Carbon disulfide		0.14	U	0.14	0.94
Trichlorofluoromethane		0.15	U	0.15	0.94
1,1-Dichloroethene		0.18	U	0.18	0.94
1,1-Dichloroethane		0.10	U	0.10	0.94
trans-1,2-Dichloroethene		0.12	U	0.12	0.94
cis-1,2-Dichloroethene		0.10	U	0.10	0.94
Chloroform		0.68	J	0.23	0.94
2-Butanone		0.59	U	0.59	4.7
1,2-Dichloroethane		0.17	U	0.17	0.94
1,1,1-Trichloroethane		0.12	U	0.12	0.94
Carbon tetrachloride		0.14	U	0.14	0.94
Benzene		0.14	U	0.14	0.94
Bromoform		0.16	U	0.16	0.94
Styrene		0.26	U	0.26	0.94
Ethylbenzene		0.16	U	0.16	0.94
Chlorobenzene		0.17	U	0.17	0.94
Cyclohexane		0.12	U	0.12	0.94
Isopropylbenzene		0.10	U	0.10	0.94
2-Hexanone		0.12	U	0.12	4.7
MTBE		0.10	U	0.10	0.94
Freon TF		0.10	U	0.10	0.94
Methyl acetate		0.30	U	0.30	4.7
1,4-Dioxane		12	U	12	19
Trichloroethene		1.6		0.11	0.94
Toluene		0.13	U	0.13	0.94
trans-1,3-Dichloropropene		0.094	U	0.094	0.94
4-Methyl-2-pentanone		0.19	U	0.19	4.7
cis-1,3-Dichloropropene		0.13	U	0.13	0.94
1,2-Dichlorobenzene		0.094	U	0.094	0.94
1,3-Dichlorobenzene		0.15	U	0.15	0.94
1,4-Dichlorobenzene		0.19	J	0.10	0.94
1,2,4-Trichlorobenzene		0.18	U	0.18	0.94
1,2,3-Trichlorobenzene		0.15	U	0.15	0.94
1,2-Dichloropropane		0.14	U	0.14	0.94
Methylcyclohexane		0.094	U	0.094	0.94
Tetrachloroethene		0.11	U	0.11	0.94
Xylenes, Total		0.63	U	0.63	1.9
1,2-Dibromo-3-Chloropropane		0.42	U	0.42	0.94
1,1,2,2-Tetrachloroethane		0.085	U	0.085	0.94
1,1,2-Trichloroethane		0.13	U	0.13	0.94

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-SD**

Lab Sample ID: 460-72174-21 Date Sampled: 03/06/2014 1530
Client Matrix: Solid % Moisture: 18.6 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367302.D
Dilution:	1.0			Initial Weight/Volume:	6.505 g
Analysis Date:	03/13/2014 1437			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1629				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.094	U	0.094	0.94
1,2-Dibromoethane		0.14	U	0.14	0.94
Dichlorodifluoromethane		0.21	U	0.21	0.94
Bromochloromethane		0.10	U	0.10	0.94
Bromodichloromethane		0.30	U	0.30	0.94

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 130
Toluene-d8 (Surr)	90		70 - 130
Bromofluorobenzene	95		70 - 130
Dibromofluoromethane (Surr)	92		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-SD**

Lab Sample ID: 460-72174-21 Date Sampled: 03/06/2014 1530
Client Matrix: Solid % Moisture: 18.6 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367302.D
Dilution:	1.0			Initial Weight/Volume:	6.505 g
Analysis Date:	03/13/2014 1437			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1629				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-WT**

Lab Sample ID: 460-72174-22 Date Sampled: 03/06/2014 1615
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212905	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J10089.D
Dilution:	50			Initial Weight/Volume:	10.364 g
Analysis Date:	03/16/2014 1805			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1333				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		5.4	U	5.4	55
Bromomethane		10	U	10	55
Vinyl chloride		8.0	U	8.0	55
Chloroethane		9.4	U	9.4	55
Methylene Chloride		10	U	10	55
Acetone		150	U	150	280
Carbon disulfide		7.0	U	7.0	55
Trichlorofluoromethane		8.1	U	8.1	55
1,1-Dichloroethene		4.9	U	4.9	55
1,1-Dichloroethane		7.2	U	7.2	55
trans-1,2-Dichloroethene		7.1	U	7.1	55
cis-1,2-Dichloroethene		9.8	U	9.8	55
Chloroform		4.4	U	4.4	55
2-Butanone		130	U	130	280
1,2-Dichloroethane		10	U	10	55
1,1,1-Trichloroethane		3.4	U	3.4	55
Carbon tetrachloride		3.2	U	3.2	55
Benzene		4.6	U	4.6	55
Bromoform		11	U	11	55
Styrene		6.6	U	6.6	55
Ethylbenzene		5.3	U	5.3	55
Chlorobenzene		6.1	U	6.1	55
Cyclohexane		8.8	U	8.8	55
Isopropylbenzene		4.2	U	4.2	55
2-Hexanone		28	U *	28	280
MTBE		7.6	U	7.6	55
Freon TF		4.5	U	4.5	55
Methyl acetate		19	U	19	280
1,4-Dioxane		2000	U	2000	2800
Trichloroethene		5.1	U	5.1	55
Toluene		8.3	U	8.3	55
trans-1,3-Dichloropropene		13	U	13	55
4-Methyl-2-pentanone		55	U	55	280
cis-1,3-Dichloropropene		10	U	10	55
1,2-Dichlorobenzene		11	U	11	55
1,3-Dichlorobenzene		7.5	U	7.5	55
1,4-Dichlorobenzene		13	U	13	55
1,2,4-Trichlorobenzene		2000		19	55
1,2,3-Trichlorobenzene		470		28	55
1,2-Dichloropropane		4.8	U	4.8	55
Methylcyclohexane		7.5	U	7.5	55
Tetrachloroethene		5.4	U	5.4	55
Xylenes, Total		100	J	20	110
1,2-Dibromo-3-Chloropropane		22	U	22	55
1,1,2,2-Tetrachloroethane		8.7	U	8.7	55
1,1,2-Trichloroethane		10	U	10	55

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-WT**

Lab Sample ID: 460-72174-22 Date Sampled: 03/06/2014 1615
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212905	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J10089.D
Dilution:	50			Initial Weight/Volume:	10.364 g
Analysis Date:	03/16/2014 1805			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1333				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		11	U	11	55
1,2-Dibromoethane		15	U	15	55
Dichlorodifluoromethane		12	U	12	55
Bromochloromethane		15	U	15	55
Bromodichloromethane		6.9	U	6.9	55

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82		75 - 135
Toluene-d8 (Surr)	76		59 - 150
Bromofluorobenzene	76		72 - 133
Dibromofluoromethane (Surr)	79		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-WT**

Lab Sample ID: 460-72174-22 Date Sampled: 03/06/2014 1615
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212905	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J10089.D
Dilution:	50			Initial Weight/Volume:	10.364 g
Analysis Date:	03/16/2014 1805			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1333				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	11.16	5500	J N
3454-07-7	Benzene, 1-ethenyl-4-ethyl-	11.47	3600	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.67	4600	J N
933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	11.92	6600	J N
2049-95-8	Benzene, (1,1-dimethylpropyl)-	12.14	5200	J N
17057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethyl-	12.22	4800	J N
4810-04-2	Benzene, 1,3,5-trimethyl-2-propyl-	12.68	2900	J N
1685-82-1	1H-Indene, 2,3-dihydro-4,6-dimethyl-	12.72	3300	J N
54340-88-4	1H-Indene, 2,3-dihydro-1,5,7-trimethyl-	12.97	3400	J N
13065-07-1	Naphthalene, 1,2,3,4-tetrahydro-2,7-dime	13.10	2900	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-SI**

Lab Sample ID: 460-72174-23 Date Sampled: 03/06/2014 1620
Client Matrix: Solid % Moisture: 10.3 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367303.D
Dilution:	1.0			Initial Weight/Volume:	6.395 g
Analysis Date:	03/13/2014 1500			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1634				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.14	U	0.14	0.87
Bromomethane		0.37	U	0.37	0.87
Vinyl chloride		0.30	U	0.30	0.87
Chloroethane		0.29	U	0.29	0.87
Methylene Chloride		0.13	U	0.13	0.87
Acetone		7.7	B	1.5	4.4
Carbon disulfide		0.13	U	0.13	0.87
Trichlorofluoromethane		0.14	U	0.14	0.87
1,1-Dichloroethene		0.17	U	0.17	0.87
1,1-Dichloroethane		0.096	U	0.096	0.87
trans-1,2-Dichloroethene		0.11	U	0.11	0.87
cis-1,2-Dichloroethene		1.7		0.096	0.87
Chloroform		8.0		0.21	0.87
2-Butanone		0.55	U	0.55	4.4
1,2-Dichloroethane		0.16	U	0.16	0.87
1,1,1-Trichloroethane		0.11	U	0.11	0.87
Carbon tetrachloride		0.13	U	0.13	0.87
Benzene		0.13	U	0.13	0.87
Bromoform		0.15	U	0.15	0.87
Styrene		0.24	U	0.24	0.87
Ethylbenzene		0.15	U	0.15	0.87
Chlorobenzene		0.16	U	0.16	0.87
Cyclohexane		0.11	U	0.11	0.87
Isopropylbenzene		0.096	U	0.096	0.87
2-Hexanone		0.11	U	0.11	4.4
MTBE		0.096	U	0.096	0.87
Freon TF		2.4		0.096	0.87
Methyl acetate		0.28	U	0.28	4.4
1,4-Dioxane		11	U	11	17
Trichloroethene		13		0.10	0.87
Toluene		0.24	J	0.12	0.87
trans-1,3-Dichloropropene		0.087	U	0.087	0.87
4-Methyl-2-pentanone		0.17	U	0.17	4.4
cis-1,3-Dichloropropene		0.12	U	0.12	0.87
1,2-Dichlorobenzene		0.087	U	0.087	0.87
1,3-Dichlorobenzene		0.14	U	0.14	0.87
1,4-Dichlorobenzene		0.096	U	0.096	0.87
1,2,4-Trichlorobenzene		0.56	J	0.17	0.87
1,2,3-Trichlorobenzene		0.53	J	0.14	0.87
1,2-Dichloropropane		0.13	U	0.13	0.87
Methylcyclohexane		0.087	U	0.087	0.87
Tetrachloroethene		0.10	U	0.10	0.87
Xylenes, Total		0.58	U	0.58	1.7
1,2-Dibromo-3-Chloropropane		0.38	U	0.38	0.87
1,1,2,2-Tetrachloroethane		0.078	U	0.078	0.87
1,1,2-Trichloroethane		0.12	U	0.12	0.87

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-SI**

Lab Sample ID: 460-72174-23 Date Sampled: 03/06/2014 1620
Client Matrix: Solid % Moisture: 10.3 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367303.D
Dilution:	1.0			Initial Weight/Volume:	6.395 g
Analysis Date:	03/13/2014 1500			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1634				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.087	U	0.087	0.87
1,2-Dibromoethane		0.13	U	0.13	0.87
Dichlorodifluoromethane		0.19	U	0.19	0.87
Bromochloromethane		0.096	U	0.096	0.87
Bromodichloromethane		0.28	U	0.28	0.87

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
Toluene-d8 (Surr)	91		70 - 130
Bromofluorobenzene	91		70 - 130
Dibromofluoromethane (Surr)	90		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-SI**

Lab Sample ID: 460-72174-23 Date Sampled: 03/06/2014 1620
Client Matrix: Solid % Moisture: 10.3 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367303.D
Dilution:	1.0			Initial Weight/Volume:	6.395 g
Analysis Date:	03/13/2014 1500			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1634				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1120-21-4	Undecane	9.92	16	J N
112-40-3	Dodecane	10.67	16	J N
527-53-7	Benzene, 1,2,3,5-tetramethyl-	10.79	17	J N
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	11.05	13	J N
629-50-5	Tridecane	11.33	14	J N
3891-98-3	Dodecane, 2,6,10-trimethyl-	11.90	9.2	J N
629-59-4	Tetradecane	12.03	15	J N
91-57-6	Naphthalene, 2-methyl-	12.30	13	J N
17312-82-2	Undecane, 4,6-dimethyl-	12.58	15	J N
629-62-9	Pentadecane	12.89	11	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-SD**

Lab Sample ID: 460-72174-24 Date Sampled: 03/06/2014 1625
Client Matrix: Solid % Moisture: 18.6 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212770	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J10037.D
Dilution:	50			Initial Weight/Volume:	6.42 g
Analysis Date:	03/15/2014 0932			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1335				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		9.3	U	9.3	96
Bromomethane		17	U	17	96
Vinyl chloride		14	U	14	96
Chloroethane		16	U	16	96
Methylene Chloride		17	U	17	96
Acetone		260	U	260	480
Carbon disulfide		12	U	12	96
Trichlorofluoromethane		14	U	14	96
1,1-Dichloroethene		8.5	U	8.5	96
1,1-Dichloroethane		12	U	12	96
trans-1,2-Dichloroethene		12	U	12	96
cis-1,2-Dichloroethene		39	J	17	96
Chloroform		7.5	U	7.5	96
2-Butanone		220	U	220	480
1,2-Dichloroethane		18	U	18	96
1,1,1-Trichloroethane		5.9	U	5.9	96
Carbon tetrachloride		5.5	U	5.5	96
Benzene		7.9	U	7.9	96
Bromoform		18	U	18	96
Styrene		11	U	11	96
Ethylbenzene		9.2	U	9.2	96
Chlorobenzene		11	U	11	96
Cyclohexane		15	U	15	96
Isopropylbenzene		7.3	U	7.3	96
2-Hexanone		48	U *	48	480
MTBE		13	U	13	96
Freon TF		7.8	U	7.8	96
Methyl acetate		32	U	32	480
1,4-Dioxane		3400	U	3400	4800
Trichloroethene		540		8.8	96
Toluene		14	U	14	96
trans-1,3-Dichloropropene		23	U	23	96
4-Methyl-2-pentanone		94	U	94	480
cis-1,3-Dichloropropene		18	U	18	96
1,2-Dichlorobenzene		20	U	20	96
1,3-Dichlorobenzene		13	U	13	96
1,4-Dichlorobenzene		22	U	22	96
1,2,4-Trichlorobenzene		33	U	33	96
1,2,3-Trichlorobenzene		49	U	49	96
1,2-Dichloropropane		8.2	U	8.2	96
Methylcyclohexane		13	U	13	96
Tetrachloroethene		25	J	9.3	96
Xylenes, Total		34	U	34	190
1,2-Dibromo-3-Chloropropane		38	U	38	96
1,1,2,2-Tetrachloroethane		15	U	15	96
1,1,2-Trichloroethane		18	U	18	96

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-SD**

Lab Sample ID: 460-72174-24 Date Sampled: 03/06/2014 1625
Client Matrix: Solid % Moisture: 18.6 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212770	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J10037.D
Dilution:	50			Initial Weight/Volume:	6.42 g
Analysis Date:	03/15/2014 0932			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1335				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		19	U	19	96
1,2-Dibromoethane		26	U	26	96
Dichlorodifluoromethane		21	U	21	96
Bromochloromethane		26	U	26	96
Bromodichloromethane		12	U	12	96

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82		75 - 135
Toluene-d8 (Surr)	79		59 - 150
Bromofluorobenzene	81		72 - 133
Dibromofluoromethane (Surr)	77		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-SD**

Lab Sample ID: 460-72174-24 Date Sampled: 03/06/2014 1625
Client Matrix: Solid % Moisture: 18.6 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212770	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J10037.D
Dilution:	50			Initial Weight/Volume:	6.42 g
Analysis Date:	03/15/2014 0932			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1335				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-VD**

Lab Sample ID: 460-72174-25 Date Sampled: 03/06/2014 1645
Client Matrix: Solid % Moisture: 5.1 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367304.D
Dilution:	1.0			Initial Weight/Volume:	5.125 g
Analysis Date:	03/13/2014 1523			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1639				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.16	U	0.16	1.0
Bromomethane		0.44	U	0.44	1.0
Vinyl chloride		0.35	U	0.35	1.0
Chloroethane		0.34	U	0.34	1.0
Methylene Chloride		0.15	U	0.15	1.0
Acetone		1.7	U	1.7	5.1
Carbon disulfide		0.15	U	0.15	1.0
Trichlorofluoromethane		0.16	U	0.16	1.0
1,1-Dichloroethene		0.20	U	0.20	1.0
1,1-Dichloroethane		0.11	U	0.11	1.0
trans-1,2-Dichloroethene		0.13	U	0.13	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
Chloroform		0.25	U	0.25	1.0
2-Butanone		0.65	U	0.65	5.1
1,2-Dichloroethane		0.19	U	0.19	1.0
1,1,1-Trichloroethane		0.13	U	0.13	1.0
Carbon tetrachloride		0.15	U	0.15	1.0
Benzene		0.15	U	0.15	1.0
Bromoform		0.17	U	0.17	1.0
Styrene		0.29	U	0.29	1.0
Ethylbenzene		0.17	U	0.17	1.0
Chlorobenzene		0.19	U	0.19	1.0
Cyclohexane		0.13	U	0.13	1.0
Isopropylbenzene		0.11	U	0.11	1.0
2-Hexanone		0.13	U	0.13	5.1
MTBE		0.11	U	0.11	1.0
Freon TF		0.11	U	0.11	1.0
Methyl acetate		0.33	U	0.33	5.1
1,4-Dioxane		13	U	13	21
Trichloroethene		0.12	U	0.12	1.0
Toluene		0.14	U	0.14	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		0.21	U	0.21	5.1
cis-1,3-Dichloropropene		0.14	U	0.14	1.0
1,2-Dichlorobenzene		0.10	U	0.10	1.0
1,3-Dichlorobenzene		0.16	U	0.16	1.0
1,4-Dichlorobenzene		0.11	U	0.11	1.0
1,2,4-Trichlorobenzene		0.56	J	0.20	1.0
1,2,3-Trichlorobenzene		0.16	U	0.16	1.0
1,2-Dichloropropane		0.15	U	0.15	1.0
Methylcyclohexane		0.10	U	0.10	1.0
Tetrachloroethene		0.12	U	0.12	1.0
Xylenes, Total		0.69	U	0.69	2.1
1,2-Dibromo-3-Chloropropane		0.45	U	0.45	1.0
1,1,2,2-Tetrachloroethane		0.093	U	0.093	1.0
1,1,2-Trichloroethane		0.14	U	0.14	1.0

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-VD**

Lab Sample ID: 460-72174-25 Date Sampled: 03/06/2014 1645
Client Matrix: Solid % Moisture: 5.1 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367304.D
Dilution:	1.0			Initial Weight/Volume:	5.125 g
Analysis Date:	03/13/2014 1523			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1639				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.10	U	0.10	1.0
1,2-Dibromoethane		0.15	U	0.15	1.0
Dichlorodifluoromethane		0.23	U	0.23	1.0
Bromochloromethane		0.11	U	0.11	1.0
Bromodichloromethane		0.33	U	0.33	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
Toluene-d8 (Surr)	93		70 - 130
Bromofluorobenzene	102		70 - 130
Dibromofluoromethane (Surr)	92		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-VD**

Lab Sample ID: 460-72174-25 Date Sampled: 03/06/2014 1645
Client Matrix: Solid % Moisture: 5.1 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367304.D
Dilution:	1.0			Initial Weight/Volume:	5.125 g
Analysis Date:	03/13/2014 1523			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1639				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	11.43	13	J
	Unknown	11.71	11	J
	Unknown	12.24	13	J
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	12.29	17	J N
	Unknown	12.65	12	J
475-20-7	1,4-Methanoazulene, decahydro-4,8,8-trim	12.72	48	J N
	Unknown	12.81	12	J
	Unknown	13.03	12	J
1743-61-9	Cyclohexene, 4-ethenyl-1,4-dimethyl-	13.16	26	J N
	Unknown	13.26	27	J

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-WT**

Lab Sample ID: 460-72174-26 Date Sampled: 03/06/2014 1640
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212509	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09968.D
Dilution:	50			Initial Weight/Volume:	5.456 g
Analysis Date:	03/13/2014 2347			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1337				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		10	U	10	110
Bromomethane		19	U	19	110
Vinyl chloride		15	U	15	110
Chloroethane		18	U	18	110
Methylene Chloride		19	U	19	110
Acetone		280	U	280	530
Carbon disulfide		13	U	13	110
Trichlorofluoromethane		15	U	15	110
1,1-Dichloroethene		9.4	U	9.4	110
1,1-Dichloroethane		14	U	14	110
trans-1,2-Dichloroethene		14	U	14	110
cis-1,2-Dichloroethene		19	U	19	110
Chloroform		8.3	U	8.3	110
2-Butanone		250	U	250	530
1,2-Dichloroethane		20	U	20	110
1,1,1-Trichloroethane		6.6	U	6.6	110
Carbon tetrachloride		6.0	U	6.0	110
Benzene		8.8	U	8.8	110
Bromoform		20	U	20	110
Styrene		13	U	13	110
Ethylbenzene		10	U	10	110
Chlorobenzene		12	U	12	110
Cyclohexane		17	U	17	110
Isopropylbenzene		8.1	U	8.1	110
2-Hexanone		53	U *	53	530
MTBE		15	U	15	110
Freon TF		8.7	U	8.7	110
Methyl acetate		36	U	36	530
1,4-Dioxane		3800	U	3800	5300
Trichloroethene		23	J	9.8	110
Toluene		16	U	16	110
trans-1,3-Dichloropropene		26	U	26	110
4-Methyl-2-pentanone		100	U	100	530
cis-1,3-Dichloropropene		20	U	20	110
1,2-Dichlorobenzene		22	U	22	110
1,3-Dichlorobenzene		14	U	14	110
1,4-Dichlorobenzene		25	U	25	110
1,2,4-Trichlorobenzene		3700		36	110
1,2,3-Trichlorobenzene		810		54	110
1,2-Dichloropropane		9.1	U	9.1	110
Methylcyclohexane		14	U	14	110
Tetrachloroethene		10	U	10	110
Xylenes, Total		38	U	38	210
1,2-Dibromo-3-Chloropropane		42	U	42	110
1,1,2,2-Tetrachloroethane		17	U	17	110
1,1,2-Trichloroethane		20	U	20	110

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-WT**

Lab Sample ID: 460-72174-26 Date Sampled: 03/06/2014 1640
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212509	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09968.D
Dilution:	50			Initial Weight/Volume:	5.456 g
Analysis Date:	03/13/2014 2347			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1337				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		21	U	21	110
1,2-Dibromoethane		29	U	29	110
Dichlorodifluoromethane		23	U	23	110
Bromochloromethane		29	U	29	110
Bromodichloromethane		13	U	13	110

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		75 - 135
Toluene-d8 (Surr)	85		59 - 150
Bromofluorobenzene	84		72 - 133
Dibromofluoromethane (Surr)	86		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-WT**

Lab Sample ID: 460-72174-26 Date Sampled: 03/06/2014 1640
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212509	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09968.D
Dilution:	50			Initial Weight/Volume:	5.456 g
Analysis Date:	03/13/2014 2347			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1337				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
493-02-7	Naphthalene, decahydro-, trans-	11.14	1700	J N
74793-36-5	Zinc, bis[2-(1,1-dimethylethyl)-3,3-dime	11.26	880	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.54	2100	J N
2958-75-0	1-Methyldecahydronaphthalene	11.67	2100	J N
2958-75-0	1-Methyldecahydronaphthalene	11.91	1400	J N
35031-55-1	1-Propanone, 1-(2,4-dimethylphenyl)-	12.00	1500	J N
1000111-72-3	cis,trans-1,6-Dimethylspiro[4.5]decane	12.32	990	J N
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-	12.58	880	J N
1518-83-8	Phenol, 4-cyclopentyl-	12.68	1100	J N
92-51-3	1,1'-Bicyclohexyl	12.86	790	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-SI**

Lab Sample ID: 460-72174-27 Date Sampled: 03/06/2014 1650
Client Matrix: Solid % Moisture: 14.2 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367323.D
Dilution:	1.0			Initial Weight/Volume:	5.299 g
Analysis Date:	03/14/2014 0047			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1644				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.18	U	0.18	1.1
Bromomethane		0.47	U	0.47	1.1
Vinyl chloride		0.37	U	0.37	1.1
Chloroethane		0.36	U	0.36	1.1
Methylene Chloride		0.16	U	0.16	1.1
Acetone		21	B	1.9	5.5
Carbon disulfide		0.16	U	0.16	1.1
Trichlorofluoromethane		0.18	U	0.18	1.1
1,1-Dichloroethene		0.21	U	0.21	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
Chloroform		0.26	U	0.26	1.1
2-Butanone		0.69	U	0.69	5.5
1,2-Dichloroethane		0.20	U	0.20	1.1
1,1,1-Trichloroethane		0.14	U	0.14	1.1
Carbon tetrachloride		0.16	U	0.16	1.1
Benzene		0.16	U	0.16	1.1
Bromoform		0.19	U	0.19	1.1
Styrene		0.31	U	0.31	1.1
Ethylbenzene		0.19	U	0.19	1.1
Chlorobenzene		0.20	U	0.20	1.1
Cyclohexane		0.14	U	0.14	1.1
Isopropylbenzene		0.12	U	0.12	1.1
2-Hexanone		0.14	U	0.14	5.5
MTBE		0.12	U	0.12	1.1
Freon TF		0.12	U	0.12	1.1
Methyl acetate		0.35	U	0.35	5.5
1,4-Dioxane		14	U	14	22
Trichloroethene		0.13	U	0.13	1.1
Toluene		0.26	J	0.15	1.1
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
4-Methyl-2-pentanone		0.22	U	0.22	5.5
cis-1,3-Dichloropropene		0.15	U	0.15	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,3-Dichlorobenzene		0.18	U	0.18	1.1
1,4-Dichlorobenzene		0.12	U	0.12	1.1
1,2,4-Trichlorobenzene		3.3		0.21	1.1
1,2,3-Trichlorobenzene		1.3		0.18	1.1
1,2-Dichloropropane		0.16	U	0.16	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Tetrachloroethene		0.13	U	0.13	1.1
Xylenes, Total		0.74	U	0.74	2.2
1,2-Dibromo-3-Chloropropane		0.48	U	0.48	1.1
1,1,2,2-Tetrachloroethane		0.099	U	0.099	1.1
1,1,2-Trichloroethane		0.15	U	0.15	1.1

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-SI**

Lab Sample ID: 460-72174-27 Date Sampled: 03/06/2014 1650
Client Matrix: Solid % Moisture: 14.2 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367323.D
Dilution:	1.0			Initial Weight/Volume:	5.299 g
Analysis Date:	03/14/2014 0047			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1644				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.11	U	0.11	1.1
1,2-Dibromoethane		0.16	U	0.16	1.1
Dichlorodifluoromethane		0.24	U	0.24	1.1
Bromochloromethane		0.12	U	0.12	1.1
Bromodichloromethane		0.35	U	0.35	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 130
Toluene-d8 (Surr)	90		70 - 130
Bromofluorobenzene	96		70 - 130
Dibromofluoromethane (Surr)	89		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-SI**

Lab Sample ID: 460-72174-27 Date Sampled: 03/06/2014 1650
Client Matrix: Solid % Moisture: 14.2 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367323.D
Dilution:	1.0			Initial Weight/Volume:	5.299 g
Analysis Date:	03/14/2014 0047			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1644				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	10.79	30	J
2040-95-1	Cyclopentane, butyl-	11.05	19	J N
17312-82-2	Undecane, 4,6-dimethyl-	11.18	29	J N
161395-29-5	(+)-3-Carene, 4-isopropenyl-	11.32	29	J N
	Unknown	11.70	24	J
31295-56-4	Dodecane, 2,6,11-trimethyl-	11.90	33	J N
629-59-4	Tetradecane	12.03	18	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	12.30	18	J N
6975-98-0	Decane, 2-methyl-	12.58	43	J N
629-50-5	Tridecane	12.89	17	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **FB-030614**

Lab Sample ID: 460-72174-28 Date Sampled: 03/06/2014 1815
Client Matrix: Water Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212557	Instrument ID:	CVOAMS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A00584.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/14/2014 0902			Final Weight/Volume:	5 mL
Prep Date:	03/14/2014 0902				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	0.10	U	0.10	1.0
Bromomethane	0.18	U	0.18	1.0
Vinyl chloride	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
Chloroform	0.080	U	0.080	1.0
2-Butanone	2.3	U	2.3	5.0
1,2-Dichloroethane	0.19	U	0.19	1.0
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.080	U	0.080	1.0
Bromoform	0.19	U	0.19	1.0
Styrene	0.12	U	0.12	1.0
Ethylbenzene	0.10	U	0.10	1.0
Chlorobenzene	0.11	U	0.11	1.0
Cyclohexane	0.16	U	0.16	1.0
Isopropylbenzene	0.080	U	0.080	1.0
2-Hexanone	0.50	U	0.50	5.0
MTBE	0.14	U	0.14	1.0
Freon TF	0.080	U	0.080	1.0
Methyl acetate	0.34	U	0.34	5.0
1,4-Dioxane	36	U	36	50
Trichloroethene	0.090	U	0.090	1.0
Toluene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
4-Methyl-2-pentanone	0.99	U	0.99	5.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0
1,2,3-Trichlorobenzene	0.51	U *	0.51	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Tetrachloroethene	0.10	U	0.10	1.0
Xylenes, Total	0.13	U	0.13	2.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **FB-030614**

Lab Sample ID: 460-72174-28 Date Sampled: 03/06/2014 1815
Client Matrix: Water Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212557	Instrument ID:	CVOAMS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A00584.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/14/2014 0902			Final Weight/Volume:	5 mL
Prep Date:	03/14/2014 0902				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibromochloromethane	0.20	U	0.20	1.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.27	U	0.27	1.0
Bromodichloromethane	0.12	U	0.12	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 130
Toluene-d8 (Surr)	99		70 - 130
Bromofluorobenzene	100		70 - 130
Dibromofluoromethane (Surr)	105		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **FB-030614**

Lab Sample ID: 460-72174-28 Date Sampled: 03/06/2014 1815
Client Matrix: Water Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212557	Instrument ID:	CVOAMS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A00584.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/14/2014 0902			Final Weight/Volume:	5 mL
Prep Date:	03/14/2014 0902				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-WT**

Lab Sample ID: 460-72174-29 Date Sampled: 03/06/2014 1235
Client Matrix: Solid % Moisture: 11.0 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09960.D
Dilution:	500			Initial Weight/Volume:	6.345 g
Analysis Date:	03/13/2014 1956			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1339				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		86	U	86	890
Bromomethane		160	U	160	890
Vinyl chloride		130	U	130	890
Chloroethane		150	U	150	890
Methylene Chloride		160	U	160	890
Acetone		2400	U	2400	4400
Carbon disulfide		110	U	110	890
Trichlorofluoromethane		130	U	130	890
1,1-Dichloroethene		78	U	78	890
1,1-Dichloroethane		120	U	120	890
trans-1,2-Dichloroethene		110	U	110	890
cis-1,2-Dichloroethene		3400		160	890
Chloroform		70	U	70	890
2-Butanone		2100	U	2100	4400
1,2-Dichloroethane		170	U	170	890
1,1,1-Trichloroethane		890		55	890
Carbon tetrachloride		50	U	50	890
Benzene		73	U	73	890
Bromoform		170	U	170	890
Styrene		18000		110	890
Ethylbenzene		14000		85	890
Chlorobenzene		3100		98	890
Cyclohexane		140	U	140	890
Isopropylbenzene		1800		68	890
2-Hexanone		440	U *	440	4400
MTBE		120	U	120	890
Freon TF		8600		73	890
Methyl acetate		300	U	300	4400
1,4-Dioxane		32000	U	32000	44000
Trichloroethene		300000		81	890
Toluene		11000		130	890
trans-1,3-Dichloropropene		210	U	210	890
4-Methyl-2-pentanone		870	U	870	4400
cis-1,3-Dichloropropene		160	U	160	890
1,2-Dichlorobenzene		5400		180	890
1,3-Dichlorobenzene		120	U	120	890
1,4-Dichlorobenzene		210	U	210	890
1,2,4-Trichlorobenzene		35000		300	890
1,2,3-Trichlorobenzene		8900		450	890
1,2-Dichloropropane		76	U	76	890
Methylcyclohexane		120	U	120	890
Tetrachloroethene		13000		86	890
Xylenes, Total		63000		320	1800
1,2-Dibromo-3-Chloropropane		350	U	350	890
1,1,2,2-Tetrachloroethane		140	U	140	890
1,1,2-Trichloroethane		170	U	170	890

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-WT**

Lab Sample ID: 460-72174-29 Date Sampled: 03/06/2014 1235
Client Matrix: Solid % Moisture: 11.0 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09960.D
Dilution:	500			Initial Weight/Volume:	6.345 g
Analysis Date:	03/13/2014 1956			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1339				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		180	U	180	890
1,2-Dibromoethane		240	U	240	890
Dichlorodifluoromethane		190	U	190	890
Bromochloromethane		240	U	240	890
Bromodichloromethane		110	U	110	890

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		75 - 135
Toluene-d8 (Surr)	91		59 - 150
Bromofluorobenzene	94		72 - 133
Dibromofluoromethane (Surr)	84		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-WT**

Lab Sample ID: 460-72174-29 Date Sampled: 03/06/2014 1235
Client Matrix: Solid % Moisture: 11.0 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09960.D
Dilution:	500			Initial Weight/Volume:	6.345 g
Analysis Date:	03/13/2014 1956			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1339				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
95-13-6	Indene	11.27	7200	J N
76089-59-3	1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	11.66	5700	J N
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.92	6900	J N
91-20-3	Naphthalene	12.36	17000	J N
100-00-5	Benzene, 1-chloro-4-nitro-	12.93	5900	J N
	Unknown	13.10	11000	J
91-57-6	Naphthalene, 2-methyl-	13.18	33000	J N
90-12-0	Naphthalene, 1-methyl-	13.34	16000	J N
582-16-1	Naphthalene, 2,7-dimethyl-	14.13	8800	J N
581-40-8	Naphthalene, 2,3-dimethyl-	14.30	7800	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-SI**

Lab Sample ID: 460-72174-30 Date Sampled: 03/06/2014 1240
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09955.D
Dilution:	50			Initial Weight/Volume:	5.063 g
Analysis Date:	03/13/2014 1753			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1339				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		11	U	11	110
Bromomethane		20	U	20	110
Vinyl chloride		16	U	16	110
Chloroethane		19	U	19	110
Methylene Chloride		21	U	21	110
Acetone		300	U	300	560
Carbon disulfide		14	U	14	110
Trichlorofluoromethane		16	U	16	110
1,1-Dichloroethene		10	U	10	110
1,1-Dichloroethane		15	U	15	110
trans-1,2-Dichloroethene		15	U	15	110
cis-1,2-Dichloroethene		20	U	20	110
Chloroform		270		8.9	110
2-Butanone		260	U	260	560
1,2-Dichloroethane		21	U	21	110
1,1,1-Trichloroethane		7.0	U	7.0	110
Carbon tetrachloride		6.4	U	6.4	110
Benzene		9.3	U	9.3	110
Bromoform		22	U	22	110
Styrene		13	U	13	110
Ethylbenzene		170		11	110
Chlorobenzene		82	J	12	110
Cyclohexane		18	U	18	110
Isopropylbenzene		37	J	8.6	110
2-Hexanone		56	U *	56	560
MTBE		16	U	16	110
Freon TF		9.3	U	9.3	110
Methyl acetate		38	U	38	560
1,4-Dioxane		4100	U	4100	5600
Trichloroethene		270		10	110
Toluene		19	J	17	110
trans-1,3-Dichloropropene		27	U	27	110
4-Methyl-2-pentanone		110	U	110	560
cis-1,3-Dichloropropene		21	U	21	110
1,2-Dichlorobenzene		420		23	110
1,3-Dichlorobenzene		16	J	15	110
1,4-Dichlorobenzene		74	J	26	110
1,2,4-Trichlorobenzene		7700		39	110
1,2,3-Trichlorobenzene		1600		58	110
1,2-Dichloropropane		9.7	U	9.7	110
Methylcyclohexane		120		15	110
Tetrachloroethene		81	J	11	110
Xylenes, Total		1800		41	230
1,2-Dibromo-3-Chloropropane		45	U	45	110
1,1,2,2-Tetrachloroethane		18	U	18	110
1,1,2-Trichloroethane		21	U	21	110

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-SI**

Lab Sample ID: 460-72174-30 Date Sampled: 03/06/2014 1240
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09955.D
Dilution:	50			Initial Weight/Volume:	5.063 g
Analysis Date:	03/13/2014 1753			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1339				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		23	U	23	110
1,2-Dibromoethane		31	U	31	110
Dichlorodifluoromethane		24	U	24	110
Bromochloromethane		31	U	31	110
Bromodichloromethane		14	U	14	110

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78		75 - 135
Toluene-d8 (Surr)	77		59 - 150
Bromofluorobenzene	76		72 - 133
Dibromofluoromethane (Surr)	72		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-SI**

Lab Sample ID: 460-72174-30 Date Sampled: 03/06/2014 1240
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09955.D
Dilution:	50			Initial Weight/Volume:	5.063 g
Analysis Date:	03/13/2014 1753			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1339				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
2783-26-8	2-Tolyloxirane	11.12	2400	J N
493-02-7	Naphthalene, decahydro-, trans-	11.15	4700	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.48	4200	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.54	2800	J N
933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	11.66	4900	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.92	7600	J N
3277-26-7	Disiloxane, 1,1,3,3-tetramethyl-	12.13	3200	J N
56253-64-6	Benzene, (2-methyl-1-butenyl)-	12.22	4300	J N
769-57-3	.alpha.,.beta.,.beta.-Trimethylstyrene	12.72	2600	J N
91-57-6	Naphthalene, 2-methyl-	13.18	4200	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-VD**

Lab Sample ID: 460-72174-31 Date Sampled: 03/06/2014 1350
Client Matrix: Solid % Moisture: 7.6 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212576	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367343.D
Dilution:	1.0			Initial Weight/Volume:	6.429 g
Analysis Date:	03/14/2014 1007			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1652				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.13	U	0.13	0.84
Bromomethane		0.36	U	0.36	0.84
Vinyl chloride		0.29	U	0.29	0.84
Chloroethane		0.28	U	0.28	0.84
Methylene Chloride		0.13	U	0.13	0.84
Acetone		14	B	1.4	4.2
Carbon disulfide		0.13	U	0.13	0.84
Trichlorofluoromethane		0.13	U	0.13	0.84
1,1-Dichloroethene		0.16	U	0.16	0.84
1,1-Dichloroethane		0.093	U	0.093	0.84
trans-1,2-Dichloroethene		0.11	U	0.11	0.84
cis-1,2-Dichloroethene		0.21	J	0.093	0.84
Chloroform		7.5		0.20	0.84
2-Butanone		0.53	U	0.53	4.2
1,2-Dichloroethane		0.15	U	0.15	0.84
1,1,1-Trichloroethane		0.11	U	0.11	0.84
Carbon tetrachloride		0.13	U	0.13	0.84
Benzene		0.13	U	0.13	0.84
Bromoform		0.14	U	0.14	0.84
Styrene		0.24	U	0.24	0.84
Ethylbenzene		0.14	U	0.14	0.84
Chlorobenzene		0.15	U	0.15	0.84
Cyclohexane		0.11	U	0.11	0.84
Isopropylbenzene		0.093	U	0.093	0.84
2-Hexanone		0.11	U	0.11	4.2
MTBE		0.093	U	0.093	0.84
Freon TF		0.093	U	0.093	0.84
Methyl acetate		0.27	U	0.27	4.2
1,4-Dioxane		11	U	11	17
Trichloroethene		3.5		0.10	0.84
Toluene		0.21	J	0.12	0.84
trans-1,3-Dichloropropene		0.084	U	0.084	0.84
4-Methyl-2-pentanone		0.17	U	0.17	4.2
cis-1,3-Dichloropropene		0.12	U	0.12	0.84
1,2-Dichlorobenzene		5.9		0.084	0.84
1,3-Dichlorobenzene		24		0.13	0.84
1,4-Dichlorobenzene		74		0.093	0.84
1,2,4-Trichlorobenzene		15		0.16	0.84
1,2,3-Trichlorobenzene		7.4		0.13	0.84
1,2-Dichloropropane		0.13	U	0.13	0.84
Methylcyclohexane		0.084	U	0.084	0.84
Tetrachloroethene		0.57	J	0.10	0.84
Xylenes, Total		0.56	U	0.56	1.7
1,2-Dibromo-3-Chloropropane		0.37	U	0.37	0.84
1,1,2,2-Tetrachloroethane		0.076	U	0.076	0.84
1,1,2-Trichloroethane		0.12	U	0.12	0.84

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-VD**

Lab Sample ID: 460-72174-31 Date Sampled: 03/06/2014 1350
Client Matrix: Solid % Moisture: 7.6 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212576	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367343.D
Dilution:	1.0			Initial Weight/Volume:	6.429 g
Analysis Date:	03/14/2014 1007			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1652				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.084	U	0.084	0.84
1,2-Dibromoethane		0.13	U	0.13	0.84
Dichlorodifluoromethane		0.19	U	0.19	0.84
Bromochloromethane		0.093	U	0.093	0.84
Bromodichloromethane		0.27	U	0.27	0.84

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 130
Toluene-d8 (Surr)	101		70 - 130
Bromofluorobenzene	126		70 - 130
Dibromofluoromethane (Surr)	97		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-VD**

Lab Sample ID: 460-72174-31 Date Sampled: 03/06/2014 1350
Client Matrix: Solid % Moisture: 7.6 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212576	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367343.D
Dilution:	1.0			Initial Weight/Volume:	6.429 g
Analysis Date:	03/14/2014 1007			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1652				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1687-35-0	1,3-Dimethyl-5-ethyladamantane	11.18	5.5	J N
	Unknown	11.60	9.7	J
3891-98-3	Dodecane, 2,6,10-trimethyl-	11.90	8.5	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	12.29	14	J N
634-66-2	Benzene, 1,2,3,4-tetrachloro-	12.82	14	J N
2456-28-2	Decane, 1,1'-oxybis-	12.89	7.0	J N
1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	13.02	8.4	J N
	Unknown	13.17	8.6	J
	Unknown	13.51	7.7	J
	Unknown	14.57	7.5	J

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-WI**

Lab Sample ID: 460-72174-32 Date Sampled: 03/06/2014 1355
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09961.D
Dilution:	50			Initial Weight/Volume:	8.218 g
Analysis Date:	03/13/2014 2021			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1341				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		6.5	U	6.5	67
Bromomethane		12	U	12	67
Vinyl chloride		9.7	U	9.7	67
Chloroethane		11	U	11	67
Methylene Chloride		12	U	12	67
Acetone		180	U	180	330
Carbon disulfide		8.4	U	8.4	67
Trichlorofluoromethane		9.8	U	9.8	67
1,1-Dichloroethene		5.9	U	5.9	67
1,1-Dichloroethane		8.7	U	8.7	67
trans-1,2-Dichloroethene		8.6	U	8.6	67
cis-1,2-Dichloroethene		12	U	12	67
Chloroform		5.3	U	5.3	67
2-Butanone		160	U	160	330
1,2-Dichloroethane		13	U	13	67
1,1,1-Trichloroethane		4.2	U	4.2	67
Carbon tetrachloride		3.8	U	3.8	67
Benzene		5.5	U	5.5	67
Bromoform		13	U	13	67
Styrene		7.9	U	7.9	67
Ethylbenzene		6.4	U	6.4	67
Chlorobenzene		7.4	U	7.4	67
Cyclohexane		11	U	11	67
Isopropylbenzene		5.1	U	5.1	67
2-Hexanone		33	U *	33	330
MTBE		9.2	U	9.2	67
Freon TF		5.5	U	5.5	67
Methyl acetate		22	U	22	330
1,4-Dioxane		2400	U	2400	3300
Trichloroethene		43	J	6.1	67
Toluene		10	U	10	67
trans-1,3-Dichloropropene		16	U	16	67
4-Methyl-2-pentanone		66	U	66	330
cis-1,3-Dichloropropene		12	U	12	67
1,2-Dichlorobenzene		32	J	14	67
1,3-Dichlorobenzene		51	J	9.0	67
1,4-Dichlorobenzene		48	J	16	67
1,2,4-Trichlorobenzene		4700		23	67
1,2,3-Trichlorobenzene		1000		34	67
1,2-Dichloropropane		5.7	U	5.7	67
Methylcyclohexane		9.0	U	9.0	67
Tetrachloroethene		6.5	U	6.5	67
Xylenes, Total		55	J	24	130
1,2-Dibromo-3-Chloropropane		27	U	27	67
1,1,2,2-Tetrachloroethane		11	U	11	67
1,1,2-Trichloroethane		13	U	13	67

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-WI**

Lab Sample ID: 460-72174-32 Date Sampled: 03/06/2014 1355
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09961.D
Dilution:	50			Initial Weight/Volume:	8.218 g
Analysis Date:	03/13/2014 2021			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1341				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		13	U	13	67
1,2-Dibromoethane		18	U	18	67
Dichlorodifluoromethane		14	U	14	67
Bromochloromethane		18	U	18	67
Bromodichloromethane		8.4	U	8.4	67

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		75 - 135
Toluene-d8 (Surr)	81		59 - 150
Bromofluorobenzene	79		72 - 133
Dibromofluoromethane (Surr)	79		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-WI**

Lab Sample ID: 460-72174-32 Date Sampled: 03/06/2014 1355
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09961.D
Dilution:	50			Initial Weight/Volume:	8.218 g
Analysis Date:	03/13/2014 2021			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1341				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1074-43-7	Benzene, 1-methyl-3-propyl-	11.12	3500	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.48	5500	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.94	9600	J N
97664-18-1	Benzene, 1-methyl-4-(1-methyl-2-propenyl	12.13	4300	J N
56253-64-6	Benzene, (2-methyl-1-butenyl)-	12.22	5900	J N
53172-84-2	Benzene, (1-methyl-1-butenyl)-	12.73	6300	J N
27087-54-3	Bicyclo[4.2.0]octa-1,3,5-triene, 7-isopr	12.86	3400	J N
54340-87-3	1H-Indene, 2,3-dihydro-1,4,7-trimethyl-	12.98	4900	J N
13065-07-1	Naphthalene, 1,2,3,4-tetrahydro-2,7-dime	13.10	5600	J N
2613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	13.17	3400	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-SI**

Lab Sample ID: 460-72174-33 Date Sampled: 03/06/2014 1400
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09956.D
Dilution:	50			Initial Weight/Volume:	6.101 g
Analysis Date:	03/13/2014 1817			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1342				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		9.2	U	9.2	95
Bromomethane		17	U	17	95
Vinyl chloride		14	U	14	95
Chloroethane		16	U	16	95
Methylene Chloride		17	U	17	95
Acetone		250	U	250	470
Carbon disulfide		12	U	12	95
Trichlorofluoromethane		14	U	14	95
1,1-Dichloroethene		8.4	U	8.4	95
1,1-Dichloroethane		12	U	12	95
trans-1,2-Dichloroethene		12	U	12	95
cis-1,2-Dichloroethene		17	U	17	95
Chloroform		7.5	U	7.5	95
2-Butanone		220	U	220	470
1,2-Dichloroethane		18	U	18	95
1,1,1-Trichloroethane		5.9	U	5.9	95
Carbon tetrachloride		5.4	U	5.4	95
Benzene		7.8	U	7.8	95
Bromoform		18	U	18	95
Styrene		11	U	11	95
Ethylbenzene		130		9.1	95
Chlorobenzene		10	U	10	95
Cyclohexane		15	U	15	95
Isopropylbenzene		530		7.3	95
2-Hexanone		47	U *	47	470
MTBE		13	U	13	95
Freon TF		7.8	U	7.8	95
Methyl acetate		32	U	32	470
1,4-Dioxane		3400	U	3400	4700
Trichloroethene		8.7	U	8.7	95
Toluene		14	U	14	95
trans-1,3-Dichloropropene		23	U	23	95
4-Methyl-2-pentanone		94	U	94	470
cis-1,3-Dichloropropene		17	U	17	95
1,2-Dichlorobenzene		19	U	19	95
1,3-Dichlorobenzene		13	U	13	95
1,4-Dichlorobenzene		22	U	22	95
1,2,4-Trichlorobenzene		7400		32	95
1,2,3-Trichlorobenzene		1600		49	95
1,2-Dichloropropane		8.2	U	8.2	95
Methylcyclohexane		1000		13	95
Tetrachloroethene		36	J	9.2	95
Xylenes, Total		870		34	190
1,2-Dibromo-3-Chloropropane		38	U	38	95
1,1,2,2-Tetrachloroethane		15	U	15	95
1,1,2-Trichloroethane		18	U	18	95

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-SI**

Lab Sample ID: 460-72174-33 Date Sampled: 03/06/2014 1400
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09956.D
Dilution:	50			Initial Weight/Volume:	6.101 g
Analysis Date:	03/13/2014 1817			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1342				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		19	U	19	95
1,2-Dibromoethane		26	U	26	95
Dichlorodifluoromethane		20	U	20	95
Bromochloromethane		26	U	26	95
Bromodichloromethane		12	U	12	95

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		75 - 135
Toluene-d8 (Surr)	82		59 - 150
Bromofluorobenzene	82		72 - 133
Dibromofluoromethane (Surr)	78		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-SI**

Lab Sample ID: 460-72174-33 Date Sampled: 03/06/2014 1400
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09956.D
Dilution:	50			Initial Weight/Volume:	6.101 g
Analysis Date:	03/13/2014 1817			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1342				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
540-84-1	Pentane, 2,2,4-trimethyl-	5.02	10000	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.48	8000	J N
824-90-8	1-Phenyl-1-butene	11.93	14000	J N
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	12.13	6300	J N
17059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethyl-	12.22	8800	J N
1680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-methyl	12.73	9800	J N
1680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-methyl	12.98	7400	J N
7524-63-2	Naphthalene, 1,2,3,4-tetrahydro-2,6-dime	13.10	8100	J N
91-57-6	Naphthalene, 2-methyl-	13.18	14000	J N
90-12-0	Naphthalene, 1-methyl-	13.34	11000	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-VD**

Lab Sample ID: 460-72174-34 Date Sampled: 03/06/2014 1440
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367317.D
Dilution:	1.0			Initial Weight/Volume:	6.279 g
Analysis Date:	03/13/2014 2228			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1659				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.14	U	0.14	0.84
Bromomethane		0.36	U	0.36	0.84
Vinyl chloride		0.29	U	0.29	0.84
Chloroethane		0.28	U	0.28	0.84
Methylene Chloride		1.1		0.13	0.84
Acetone		9.0	B	1.4	4.2
Carbon disulfide		0.13	U	0.13	0.84
Trichlorofluoromethane		0.14	U	0.14	0.84
1,1-Dichloroethene		0.16	U	0.16	0.84
1,1-Dichloroethane		0.093	U	0.093	0.84
trans-1,2-Dichloroethene		0.11	U	0.11	0.84
cis-1,2-Dichloroethene		2.9		0.093	0.84
Chloroform		0.46	J	0.20	0.84
2-Butanone		0.53	U	0.53	4.2
1,2-Dichloroethane		0.15	U	0.15	0.84
1,1,1-Trichloroethane		0.11	U	0.11	0.84
Carbon tetrachloride		0.13	U	0.13	0.84
Benzene		0.13	U	0.13	0.84
Bromoform		0.14	U	0.14	0.84
Styrene		0.24	U	0.24	0.84
Ethylbenzene		0.14	U	0.14	0.84
Chlorobenzene		0.15	U	0.15	0.84
Cyclohexane		0.11	U	0.11	0.84
Isopropylbenzene		0.093	U	0.093	0.84
2-Hexanone		0.11	U	0.11	4.2
MTBE		0.093	U	0.093	0.84
Freon TF		0.093	U	0.093	0.84
Methyl acetate		0.27	U	0.27	4.2
1,4-Dioxane		11	U	11	17
Trichloroethene		21		0.10	0.84
Toluene		0.25	J	0.12	0.84
trans-1,3-Dichloropropene		0.084	U	0.084	0.84
4-Methyl-2-pentanone		0.17	U	0.17	4.2
cis-1,3-Dichloropropene		0.12	U	0.12	0.84
1,2-Dichlorobenzene		0.084	U	0.084	0.84
1,3-Dichlorobenzene		0.14	U	0.14	0.84
1,4-Dichlorobenzene		0.19	J	0.093	0.84
1,2,4-Trichlorobenzene		1.2		0.16	0.84
1,2,3-Trichlorobenzene		0.76	J	0.14	0.84
1,2-Dichloropropane		0.13	U	0.13	0.84
Methylcyclohexane		0.084	U	0.084	0.84
Tetrachloroethene		0.10	U	0.10	0.84
Xylenes, Total		0.57	U	0.57	1.7
1,2-Dibromo-3-Chloropropane		0.37	U	0.37	0.84
1,1,2,2-Tetrachloroethane		0.076	U	0.076	0.84
1,1,2-Trichloroethane		0.12	U	0.12	0.84

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-VD**

Lab Sample ID: 460-72174-34 Date Sampled: 03/06/2014 1440
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367317.D
Dilution:	1.0			Initial Weight/Volume:	6.279 g
Analysis Date:	03/13/2014 2228			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1659				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.084	U	0.084	0.84
1,2-Dibromoethane		0.13	U	0.13	0.84
Dichlorodifluoromethane		0.19	U	0.19	0.84
Bromochloromethane		0.093	U	0.093	0.84
Bromodichloromethane		0.27	U	0.27	0.84

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
Toluene-d8 (Surr)	91		70 - 130
Bromofluorobenzene	94		70 - 130
Dibromofluoromethane (Surr)	90		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-VD**

Lab Sample ID: 460-72174-34 Date Sampled: 03/06/2014 1440
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367317.D
Dilution:	1.0			Initial Weight/Volume:	6.279 g
Analysis Date:	03/13/2014 2228			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1659				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-WT**

Lab Sample ID: 460-72174-35 Date Sampled: 03/06/2014 1445
Client Matrix: Solid % Moisture: 11.4 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09957.D
Dilution:	50			Initial Weight/Volume:	7.339 g
Analysis Date:	03/13/2014 1842			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1344				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		7.4	U	7.4	77
Bromomethane		14	U	14	77
Vinyl chloride		11	U	11	77
Chloroethane		13	U	13	77
Methylene Chloride		14	U	14	77
Acetone		210	U	210	380
Carbon disulfide		9.6	U	9.6	77
Trichlorofluoromethane		11	U	11	77
1,1-Dichloroethene		6.8	U	6.8	77
1,1-Dichloroethane		10	U	10	77
trans-1,2-Dichloroethene		9.9	U	9.9	77
cis-1,2-Dichloroethene		14	U	14	77
Chloroform		6.0	U	6.0	77
2-Butanone		180	U	180	380
1,2-Dichloroethane		15	U	15	77
1,1,1-Trichloroethane		4.8	U	4.8	77
Carbon tetrachloride		4.4	U	4.4	77
Benzene		6.4	U	6.4	77
Bromoform		15	U	15	77
Styrene		9.1	U	9.1	77
Ethylbenzene		7.4	U	7.4	77
Chlorobenzene		8.5	U	8.5	77
Cyclohexane		12	U	12	77
Isopropylbenzene		5.9	U	5.9	77
2-Hexanone		38	U *	38	380
MTBE		11	U	11	77
Freon TF		6.3	U	6.3	77
Methyl acetate		26	U	26	380
1,4-Dioxane		2800	U	2800	3800
Trichloroethene		7.1	U	7.1	77
Toluene		11	U	11	77
trans-1,3-Dichloropropene		19	U	19	77
4-Methyl-2-pentanone		76	U	76	380
cis-1,3-Dichloropropene		14	U	14	77
1,2-Dichlorobenzene		16	U	16	77
1,3-Dichlorobenzene		10	U	10	77
1,4-Dichlorobenzene		18	U	18	77
1,2,4-Trichlorobenzene		1600		26	77
1,2,3-Trichlorobenzene		420		39	77
1,2-Dichloropropane		6.6	U	6.6	77
Methylcyclohexane		10	U	10	77
Tetrachloroethene		7.5	U	7.5	77
Xylenes, Total		210		28	150
1,2-Dibromo-3-Chloropropane		31	U	31	77
1,1,2,2-Tetrachloroethane		12	U	12	77
1,1,2-Trichloroethane		14	U	14	77

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-WT**

Lab Sample ID: 460-72174-35 Date Sampled: 03/06/2014 1445
Client Matrix: Solid % Moisture: 11.4 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09957.D
Dilution:	50			Initial Weight/Volume:	7.339 g
Analysis Date:	03/13/2014 1842			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1344				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		15	U	15	77
1,2-Dibromoethane		21	U	21	77
Dichlorodifluoromethane		17	U	17	77
Bromochloromethane		21	U	21	77
Bromodichloromethane		9.6	U	9.6	77

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		75 - 135
Toluene-d8 (Surr)	81		59 - 150
Bromofluorobenzene	81		72 - 133
Dibromofluoromethane (Surr)	78		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-WT**

Lab Sample ID: 460-72174-35 Date Sampled: 03/06/2014 1445
Client Matrix: Solid % Moisture: 11.4 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J09957.D
Dilution:	50			Initial Weight/Volume:	7.339 g
Analysis Date:	03/13/2014 1842			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1344				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	11.16	4400	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.48	4300	J N
934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	11.67	4200	J N
76089-59-3	1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	11.92	6900	J N
3277-26-7	Disiloxane, 1,1,3,3-tetramethyl-	12.13	3700	J N
56253-64-6	Benzene, (2-methyl-1-butenyl)-	12.22	5200	J N
2809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-methyl	12.73	3700	J N
1680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-methyl	12.98	4000	J N
13065-07-1	Naphthalene, 1,2,3,4-tetrahydro-2,7-dime	13.10	4400	J N
91-57-6	Naphthalene, 2-methyl-	13.18	5000	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-SI**

Lab Sample ID: 460-72174-36 Date Sampled: 03/06/2014 1450
Client Matrix: Solid % Moisture: 13.5 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212576	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367344.D
Dilution:	1.0			Initial Weight/Volume:	7.005 g
Analysis Date:	03/14/2014 1029			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.13	U	0.13	0.83
Bromomethane		0.35	U	0.35	0.83
Vinyl chloride		0.28	U	0.28	0.83
Chloroethane		0.27	U	0.27	0.83
Methylene Chloride		0.12	U	0.12	0.83
Acetone		28	B	1.4	4.1
Carbon disulfide		1.8		0.12	0.83
Trichlorofluoromethane		0.13	U	0.13	0.83
1,1-Dichloroethene		0.16	U	0.16	0.83
1,1-Dichloroethane		0.091	U	0.091	0.83
trans-1,2-Dichloroethene		0.11	U	0.11	0.83
cis-1,2-Dichloroethene		0.091	U	0.091	0.83
Chloroform		9.2		0.20	0.83
2-Butanone		0.52	U	0.52	4.1
1,2-Dichloroethane		0.15	U	0.15	0.83
1,1,1-Trichloroethane		0.11	U	0.11	0.83
Carbon tetrachloride		0.12	U	0.12	0.83
Benzene		0.12	U	0.12	0.83
Bromoform		0.14	U	0.14	0.83
Styrene		0.23	U	0.23	0.83
Ethylbenzene		0.14	U	0.14	0.83
Chlorobenzene		0.15	U	0.15	0.83
Cyclohexane		0.11	U	0.11	0.83
Isopropylbenzene		0.091	U	0.091	0.83
2-Hexanone		0.11	U	0.11	4.1
MTBE		0.091	U	0.091	0.83
Freon TF		0.091	U	0.091	0.83
Methyl acetate		0.26	U	0.26	4.1
1,4-Dioxane		10	U	10	17
Trichloroethene		1.8		0.099	0.83
Toluene		0.12	U	0.12	0.83
trans-1,3-Dichloropropene		0.083	U	0.083	0.83
4-Methyl-2-pentanone		0.17	U	0.17	4.1
cis-1,3-Dichloropropene		0.12	U	0.12	0.83
1,2-Dichlorobenzene		0.083	U	0.083	0.83
1,3-Dichlorobenzene		0.13	U	0.13	0.83
1,4-Dichlorobenzene		0.091	U	0.091	0.83
1,2,4-Trichlorobenzene		3.4		0.16	0.83
1,2,3-Trichlorobenzene		1.4		0.13	0.83
1,2-Dichloropropane		0.12	U	0.12	0.83
Methylcyclohexane		0.55	J	0.083	0.83
Tetrachloroethene		0.18	J	0.099	0.83
Xylenes, Total		0.55	U	0.55	1.7
1,2-Dibromo-3-Chloropropane		0.36	U	0.36	0.83
1,1,2,2-Tetrachloroethane		0.074	U	0.074	0.83
1,1,2-Trichloroethane		0.12	U	0.12	0.83

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-SI**

Lab Sample ID: 460-72174-36 Date Sampled: 03/06/2014 1450
Client Matrix: Solid % Moisture: 13.5 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212576	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367344.D
Dilution:	1.0			Initial Weight/Volume:	7.005 g
Analysis Date:	03/14/2014 1029			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.083	U	0.083	0.83
1,2-Dibromoethane		0.12	U	0.12	0.83
Dichlorodifluoromethane		0.18	U	0.18	0.83
Bromochloromethane		0.091	U	0.091	0.83
Bromodichloromethane		0.26	U	0.26	0.83

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 130
Toluene-d8 (Surr)	93		70 - 130
Bromofluorobenzene	95		70 - 130
Dibromofluoromethane (Surr)	93		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-SI**

Lab Sample ID: 460-72174-36 Date Sampled: 03/06/2014 1450
Client Matrix: Solid % Moisture: 13.5 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212576	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367344.D
Dilution:	1.0			Initial Weight/Volume:	7.005 g
Analysis Date:	03/14/2014 1029			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1704				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
112-40-3	Dodecane	10.67	30	J N
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	10.79	35	J N
4175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethyl-	11.05	32	J N
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	11.11	19	J N
1072-05-5	Heptane, 2,6-dimethyl-	11.33	28	J N
1559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-methyl	11.59	23	J N
629-59-4	Tetradecane	12.03	33	J N
629-59-4	Tetradecane	12.58	19	J N
629-62-9	Pentadecane	12.89	25	J N
581-42-0	Naphthalene, 2,6-dimethyl-	13.24	17	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-WI**

Lab Sample ID: 460-72174-37 Date Sampled: 03/06/2014 1520
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367329.D
Dilution:	1.0			Initial Weight/Volume:	5.551 g
Analysis Date:	03/14/2014 0304			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1705				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.97
Bromomethane		0.42	U	0.42	0.97
Vinyl chloride		0.33	U	0.33	0.97
Chloroethane		0.32	U	0.32	0.97
Methylene Chloride		0.15	U	0.15	0.97
Acetone		1.6	U	1.6	4.8
Carbon disulfide		0.15	U	0.15	0.97
Trichlorofluoromethane		0.15	U	0.15	0.97
1,1-Dichloroethene		0.18	U	0.18	0.97
1,1-Dichloroethane		0.11	U	0.11	0.97
trans-1,2-Dichloroethene		0.13	U	0.13	0.97
cis-1,2-Dichloroethene		0.11	U	0.11	0.97
Chloroform		1.0		0.23	0.97
2-Butanone		0.61	U	0.61	4.8
1,2-Dichloroethane		0.17	U	0.17	0.97
1,1,1-Trichloroethane		0.13	U	0.13	0.97
Carbon tetrachloride		0.15	U	0.15	0.97
Benzene		0.15	U	0.15	0.97
Bromoform		0.16	U	0.16	0.97
Styrene		0.27	U	0.27	0.97
Ethylbenzene		0.16	U	0.16	0.97
Chlorobenzene		0.17	U	0.17	0.97
Cyclohexane		0.13	U	0.13	0.97
Isopropylbenzene		0.11	U	0.11	0.97
2-Hexanone		0.13	U	0.13	4.8
MTBE		0.11	U	0.11	0.97
Freon TF		0.11	U	0.11	0.97
Methyl acetate		0.31	U	0.31	4.8
1,4-Dioxane		12	U	12	19
Trichloroethene		0.12	U	0.12	0.97
Toluene		0.14	U	0.14	0.97
trans-1,3-Dichloropropene		0.097	U	0.097	0.97
4-Methyl-2-pentanone		0.19	U	0.19	4.8
cis-1,3-Dichloropropene		0.14	U	0.14	0.97
1,2-Dichlorobenzene		0.097	U *	0.097	0.97
1,3-Dichlorobenzene		0.15	U *	0.15	0.97
1,4-Dichlorobenzene		0.11	U *	0.11	0.97
1,2,4-Trichlorobenzene		22	*	0.18	0.97
1,2,3-Trichlorobenzene		25	*	0.15	0.97
1,2-Dichloropropane		0.15	U	0.15	0.97
Methylcyclohexane		0.097	U	0.097	0.97
Tetrachloroethene		10		0.12	0.97
Xylenes, Total		0.94	J	0.65	1.9
1,2-Dibromo-3-Chloropropane		0.43	U *	0.43	0.97
1,1,2,2-Tetrachloroethane		0.087	U *	0.087	0.97
1,1,2-Trichloroethane		0.14	U	0.14	0.97

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-WI**

Lab Sample ID: 460-72174-37 Date Sampled: 03/06/2014 1520
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367329.D
Dilution:	1.0			Initial Weight/Volume:	5.551 g
Analysis Date:	03/14/2014 0304			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1705				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.097	U	0.097	0.97
1,2-Dibromoethane		0.15	U	0.15	0.97
Dichlorodifluoromethane		0.21	U	0.21	0.97
Bromochloromethane		0.11	U	0.11	0.97
Bromodichloromethane		0.31	U	0.31	0.97

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 130
Toluene-d8 (Surr)	107		70 - 130
Bromofluorobenzene	107	*	70 - 130
Dibromofluoromethane (Surr)	96		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-WI**

Lab Sample ID: 460-72174-37 Date Sampled: 03/06/2014 1520
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367329.D
Dilution:	1.0			Initial Weight/Volume:	5.551 g
Analysis Date:	03/14/2014 0304			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1705				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
540-84-1	Pentane, 2,2,4-trimethyl-	3.93	1200	J N
565-75-3	Pentane, 2,3,4-trimethyl-	5.09	1600	J N
560-21-4	Pentane, 2,3,3-trimethyl-	5.23	1300	J N
3522-94-9	Hexane, 2,2,5-trimethyl-	5.72	520	J N
15869-87-1	Octane, 2,2-dimethyl-	8.70	210	J N
17302-32-8	Nonane, 3,7-dimethyl-	9.51	170	J N
62199-06-8	Heptane, 5-ethyl-2,2,3-trimethyl-	9.68	300	J N
61142-70-9	Cyclohexane, 2,4-diethyl-1-methyl-	9.96	220	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	10.39	210	J N
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-	10.79	210	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-SI**

Lab Sample ID: 460-72174-38 Date Sampled: 03/06/2014 1525
Client Matrix: Solid % Moisture: 13.2 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367326.D
Dilution:	1.0			Initial Weight/Volume:	6.029 g
Analysis Date:	03/14/2014 0155			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.96
Bromomethane		0.41	U	0.41	0.96
Vinyl chloride		0.33	U	0.33	0.96
Chloroethane		0.32	U	0.32	0.96
Methylene Chloride		0.14	U	0.14	0.96
Acetone		1.6	U	1.6	4.8
Carbon disulfide		0.14	U	0.14	0.96
Trichlorofluoromethane		0.15	U	0.15	0.96
1,1-Dichloroethene		0.18	U	0.18	0.96
1,1-Dichloroethane		0.11	U	0.11	0.96
trans-1,2-Dichloroethene		0.12	U	0.12	0.96
cis-1,2-Dichloroethene		0.11	U	0.11	0.96
Chloroform		0.23	U	0.23	0.96
2-Butanone		0.60	U	0.60	4.8
1,2-Dichloroethane		0.17	U	0.17	0.96
1,1,1-Trichloroethane		0.12	U	0.12	0.96
Carbon tetrachloride		0.14	U	0.14	0.96
Benzene		0.14	U	0.14	0.96
Bromoform		0.16	U	0.16	0.96
Styrene		0.27	U	0.27	0.96
Ethylbenzene		0.74	J	0.16	0.96
Chlorobenzene		0.17	U	0.17	0.96
Cyclohexane		0.12	U	0.12	0.96
Isopropylbenzene		0.21	J	0.11	0.96
2-Hexanone		0.12	U	0.12	4.8
MTBE		0.11	U	0.11	0.96
Freon TF		0.11	U	0.11	0.96
Methyl acetate		0.31	U	0.31	4.8
1,4-Dioxane		12	U	12	19
Trichloroethene		0.11	U	0.11	0.96
Toluene		0.13	U	0.13	0.96
trans-1,3-Dichloropropene		0.096	U	0.096	0.96
4-Methyl-2-pentanone		0.19	U	0.19	4.8
cis-1,3-Dichloropropene		0.13	U	0.13	0.96
1,2-Dichlorobenzene		0.096	U	0.096	0.96
1,3-Dichlorobenzene		0.15	U	0.15	0.96
1,4-Dichlorobenzene		0.11	U	0.11	0.96
1,2,4-Trichlorobenzene		1.8		0.18	0.96
1,2,3-Trichlorobenzene		0.72	J	0.15	0.96
1,2-Dichloropropane		0.14	U	0.14	0.96
Methylcyclohexane		2.5		0.096	0.96
Tetrachloroethene		0.11	U	0.11	0.96
Xylenes, Total		6.6		0.64	1.9
1,2-Dibromo-3-Chloropropane		0.42	U	0.42	0.96
1,1,2,2-Tetrachloroethane		0.086	U	0.086	0.96
1,1,2-Trichloroethane		0.13	U	0.13	0.96

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-SI**

Lab Sample ID: 460-72174-38 Date Sampled: 03/06/2014 1525
Client Matrix: Solid % Moisture: 13.2 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367326.D
Dilution:	1.0			Initial Weight/Volume:	6.029 g
Analysis Date:	03/14/2014 0155			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.096	U	0.096	0.96
1,2-Dibromoethane		0.14	U	0.14	0.96
Dichlorodifluoromethane		0.21	U	0.21	0.96
Bromochloromethane		0.11	U	0.11	0.96
Bromodichloromethane		0.31	U	0.31	0.96

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 130
Toluene-d8 (Surr)	91		70 - 130
Bromofluorobenzene	94		70 - 130
Dibromofluoromethane (Surr)	88		70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-SI**

Lab Sample ID: 460-72174-38 Date Sampled: 03/06/2014 1525
Client Matrix: Solid % Moisture: 13.2 Date Received: 03/07/2014 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	D367326.D
Dilution:	1.0			Initial Weight/Volume:	6.029 g
Analysis Date:	03/14/2014 0155			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1707				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
565-59-3	Pentane, 2,3-dimethyl-	3.57	65	J N
540-84-1	Pentane, 2,2,4-trimethyl-	3.92	180	J N
565-75-3	Pentane, 2,3,4-trimethyl-	5.09	84	J N
560-21-4	Pentane, 2,3,3-trimethyl-	5.22	69	J N
112-40-3	Dodecane	10.67	130	J N
17301-23-4	Undecane, 2,6-dimethyl-	10.79	110	J N
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	11.05	98	J N
629-50-5	Tridecane	11.33	150	J N
54340-86-2	Benzene, 4-(2-butenyl)-1,2-dimethyl-, (E	11.72	76	J N
3221-61-2	Octane, 2-methyl-	12.03	130	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-14SW-VS**

Lab Sample ID: 460-72174-1 Date Sampled: 03/06/2014 0915
Client Matrix: Solid % Moisture: 6.0 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94422.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/11/2014 1146			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		60	U	60	350
4-Methylphenol		69	U	69	350
Benzaldehyde		41	U	41	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.9	U	5.9	35
Nitrobenzene		5.0	U *	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		43	U	43	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		87	U	87	350
2,4-Dichlorophenol		51	U	51	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		41	U	41	350
4-Chloroaniline		93	U	93	350
Hexachlorobutadiene		8.6	U	8.6	71
Caprolactam		81	U	81	350
4-Chloro-3-methylphenol		53	U	53	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		45	U	45	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	710
2,6-Dinitrotoluene		11	U	11	71
Dimethyl phthalate		42	U	42	350
Acenaphthylene		42	U	42	350
3-Nitroaniline		120	U	120	710
Acenaphthene		51	U	51	350
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		41	U	41	350
Diethyl phthalate		42	U	42	350
Fluorene		45	U	45	350
Fluoranthene		47	U	47	350
Di-n-butyl phthalate		43	U	43	350
2,4-Dinitrotoluene		12	U	12	71
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
4,6-Dinitro-2-methylphenol		96	U	96	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-14SW-VS**

Lab Sample ID: 460-72174-1 Date Sampled: 03/06/2014 0915
Client Matrix: Solid % Moisture: 6.0 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94422.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/11/2014 1146			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		54	U	54	350
Anthracene		43	U	43	350
Carbazole		42	U	42	350
Phenanthrene		45	U	45	350
Pentachlorophenol		100	U	100	1100
Pyrene		29	U	29	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.7	U	2.7	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.5	U	2.5	35
N-Nitrosodiphenylamine		35	U	35	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		22	U	22	350
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Dibenz(a,h)anthracene		4.4	U	4.4	35
3,3'-Dichlorobenzidine		120	U	120	710
1,2,4,5-Tetrachlorobenzene		47	U	47	350
2,3,4,6-Tetrachlorophenol		46	U	46	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	84		40 - 106
Phenol-d5	88		44 - 104
Terphenyl-d14	102		41 - 145
2,4,6-Tribromophenol	93		19 - 114
2-Fluorophenol	83		39 - 103
2-Fluorobiphenyl	81		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-14SW-VS**

Lab Sample ID: 460-72174-1 Date Sampled: 03/06/2014 0915
Client Matrix: Solid % Moisture: 6.0 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94422.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/11/2014 1146			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 6**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
2136-70-1	Ethanol, 2-(tetradecyloxy)-	12.39	430	J N
	Unknown	13.31	340	J
	Unknown	14.02	290	J
630-01-3	Hexacosane	14.29	290	J N
	Unknown	15.34	520	J
	Unknown	15.42	410	J

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-VS**

Lab Sample ID: 460-72174-2 Date Sampled: 03/06/2014 0935
Client Matrix: Solid % Moisture: 4.0 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211922	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94458.D
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/12/2014 0309			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		92	U	92	690
2-Chlorophenol		90	U	90	690
2-Methylphenol		120	U	120	690
4-Methylphenol		140	U	140	690
Benzaldehyde		81	U	81	690
Acetophenone		110	U	110	690
Bis(2-chloroethyl)ether		9.4	U	9.4	69
2,2'-oxybis[1-chloropropane]		76	U	76	690
N-Nitrosodi-n-propylamine		11	U	11	69
Nitrobenzene		9.8	U *	9.8	69
Hexachloroethane		7.7	U	7.7	69
Isophorone		83	U	83	690
2-Nitrophenol		77	U	77	690
2,4-Dimethylphenol		170	U	170	690
2,4-Dichlorophenol		100	U	100	690
Bis(2-chloroethoxy)methane		89	U	89	690
Naphthalene		80	U	80	690
4-Chloroaniline		180	U	180	690
Hexachlorobutadiene		17	U	17	140
Caprolactam		160	U	160	690
4-Chloro-3-methylphenol		100	U	100	690
2-Methylnaphthalene		88	U	88	690
Hexachlorobenzene		9.4	U	9.4	69
Hexachlorocyclopentadiene		81	U	81	690
2,4,6-Trichlorophenol		81	U	81	690
2,4,5-Trichlorophenol		89	U	89	690
Diphenyl		92	U	92	690
2-Chloronaphthalene		77	U	77	690
2-Nitroaniline		290	U	290	1400
2,6-Dinitrotoluene		21	U	21	140
Dimethyl phthalate		82	U	82	690
Acenaphthylene		81	U	81	690
3-Nitroaniline		240	U	240	1400
Acenaphthene		100	U	100	690
4-Nitrophenol		440	U	440	2100
2,4-Dinitrophenol		390	U	390	2100
Dibenzofuran		81	U	81	690
Diethyl phthalate		82	U	82	690
Fluorene		88	U	88	690
Fluoranthene		92	U	92	690
Di-n-butyl phthalate		85	U	85	690
2,4-Dinitrotoluene		23	U	23	140
4-Chlorophenyl phenyl ether		81	U	81	690
4-Nitroaniline		210	U	210	1400
4,6-Dinitro-2-methylphenol		190	U	190	2100
4-Bromophenyl phenyl ether		68	U	68	690

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-VS**

Lab Sample ID: 460-72174-2 Date Sampled: 03/06/2014 0935
Client Matrix: Solid % Moisture: 4.0 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211922	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94458.D
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/12/2014 0309			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		110	U	110	690
Anthracene		84	U	84	690
Carbazole		81	U	81	690
Phenanthrene		88	U	88	690
Pentachlorophenol		210	U	210	2100
Pyrene		82	J	58	690
Chrysene		80	U	80	690
Benzo[k]fluoranthene		5.2	U	5.2	69
Benzo[g,h,i]perylene		51	U	51	690
Benzo[b]fluoranthene		4.3	U	4.3	69
Benzo[a]pyrene		4.9	U	4.9	69
Benzo[a]anthracene		4.8	U	4.8	69
N-Nitrosodiphenylamine		68	U	68	690
Butyl benzyl phthalate		63	U	63	690
Bis(2-ethylhexyl) phthalate		230	U	230	690
Di-n-octyl phthalate		44	U	44	690
Indeno[1,2,3-cd]pyrene		13	U	13	69
Dibenz(a,h)anthracene		8.7	U	8.7	69
3,3'-Dichlorobenzidine		240	U	240	1400
1,2,4,5-Tetrachlorobenzene		93	U	93	690
2,3,4,6-Tetrachlorophenol		89	U	89	690

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	78		40 - 106
Phenol-d5	82		44 - 104
Terphenyl-d14	76		41 - 145
2,4,6-Tribromophenol	75		19 - 114
2-Fluorophenol	76		39 - 103
2-Fluorobiphenyl	95		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-VS**

Lab Sample ID: 460-72174-2 Date Sampled: 03/06/2014 0935
Client Matrix: Solid % Moisture: 4.0 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211922	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94458.D
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/12/2014 0309			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown alkane	6.86	870	J
	Unknown alkane	7.17	1900	J
	Unknown alkane	7.87	1400	J
13029-08-8	1,1'-Biphenyl, 2,2'-dichloro-	8.08	2200	J N
	Unknown alkane	8.35	900	J
	Unknown alkane	8.63	1400	J
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.99	1500	J N
	Unknown alkane	9.23	4200	J
35693-92-6	1,1'-Biphenyl, 2,4,6-trichloro-	9.30	870	J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	9.37	1000	J N
	Unknown alkane	9.54	1400	J
35693-99-3	1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	9.66	1500	J N
32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	9.77	980	J N
41464-41-9	1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	10.01	2400	J N
35693-99-3	1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	10.14	1100	J N
69782-90-7	1,1'-Biphenyl, 2,3,3',4,4',5'-hexachloro	10.86	2000	J N
	Unknown	12.50	1000	J
	Unknown	13.15	1500	J
53584-60-4	28-Nor-17.alpha.(H)-hopane	14.35	1500	J N
	Unknown	15.37	1300	J

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-VD**

Lab Sample ID: 460-72174-3 Date Sampled: 03/06/2014 0940
Client Matrix: Solid % Moisture: 6.4 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94410.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/11/2014 0602			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		60	U	60	350
4-Methylphenol		69	U	69	350
Benzaldehyde		42	U	42	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.9	U	5.9	35
Nitrobenzene		5.0	U *	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		43	U	43	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		87	U	87	350
2,4-Dichlorophenol		52	U	52	350
Bis(2-chloroethoxy)methane		46	U	46	350
Naphthalene		41	U	41	350
4-Chloroaniline		93	U	93	350
Hexachlorobutadiene		8.6	U	8.6	72
Caprolactam		81	U	81	350
4-Chloro-3-methylphenol		53	U	53	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		42	U	42	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		46	U	46	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	720
2,6-Dinitrotoluene		11	U	11	72
Dimethyl phthalate		42	U	42	350
Acenaphthylene		42	U	42	350
3-Nitroaniline		120	U	120	720
Acenaphthene		51	U	51	350
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		41	U	41	350
Diethyl phthalate		42	U	42	350
Fluorene		45	U	45	350
Fluoranthene		47	U	47	350
Di-n-butyl phthalate		44	U	44	350
2,4-Dinitrotoluene		12	U	12	72
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	720
4,6-Dinitro-2-methylphenol		96	U	96	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-VD**

Lab Sample ID: 460-72174-3 Date Sampled: 03/06/2014 0940
Client Matrix: Solid % Moisture: 6.4 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94410.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/11/2014 0602			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		55	U	55	350
Anthracene		43	U	43	350
Carbazole		42	U	42	350
Phenanthrene		45	U	45	350
Pentachlorophenol		110	U	110	1100
Pyrene		30	U	30	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.7	U	2.7	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.5	U	2.5	35
N-Nitrosodiphenylamine		35	U	35	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		23	U	23	350
Indeno[1,2,3-cd]pyrene		6.6	U	6.6	35
Dibenz(a,h)anthracene		4.5	U	4.5	35
3,3'-Dichlorobenzidine		120	U	120	720
1,2,4,5-Tetrachlorobenzene		47	U	47	350
2,3,4,6-Tetrachlorophenol		46	U	46	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	77		40 - 106
Phenol-d5	98		44 - 104
Terphenyl-d14	113		41 - 145
2,4,6-Tribromophenol	110		19 - 114
2-Fluorophenol	84		39 - 103
2-Fluorobiphenyl	85		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-VD**

Lab Sample ID: 460-72174-3 Date Sampled: 03/06/2014 0940
Client Matrix: Solid % Moisture: 6.4 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94410.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/11/2014 0602			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-WT**

Lab Sample ID: 460-72174-4 Date Sampled: 03/06/2014 0945
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94411.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/11/2014 0624			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		49	U	49	360
2-Chlorophenol		48	U	48	360
2-Methylphenol		62	U	62	360
4-Methylphenol		71	U	71	360
Benzaldehyde		43	U	43	360
Acetophenone		56	U	56	360
Bis(2-chloroethyl)ether		4.9	U	4.9	36
2,2'-oxybis[1-chloropropane]		40	U	40	360
N-Nitrosodi-n-propylamine		6.1	U	6.1	36
Nitrobenzene		5.2	U *	5.2	36
Hexachloroethane		4.0	U	4.0	36
Isophorone		44	U	44	360
2-Nitrophenol		40	U	40	360
2,4-Dimethylphenol		89	U	89	360
2,4-Dichlorophenol		53	U	53	360
Bis(2-chloroethoxy)methane		47	U	47	360
Naphthalene		42	U	42	360
4-Chloroaniline		96	U	96	360
Hexachlorobutadiene		8.8	U	8.8	73
Caprolactam		84	U	84	360
4-Chloro-3-methylphenol		55	U	55	360
2-Methylnaphthalene		47	U	47	360
Hexachlorobenzene		5.0	U	5.0	36
Hexachlorocyclopentadiene		43	U	43	360
2,4,6-Trichlorophenol		42	U	42	360
2,4,5-Trichlorophenol		47	U	47	360
Diphenyl		49	U	49	360
2-Chloronaphthalene		40	U	40	360
2-Nitroaniline		150	U	150	730
2,6-Dinitrotoluene		11	U	11	73
Dimethyl phthalate		43	U	43	360
Acenaphthylene		43	U	43	360
3-Nitroaniline		130	U	130	730
Acenaphthene		53	U	53	360
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		43	U	43	360
Diethyl phthalate		43	U	43	360
Fluorene		46	U	46	360
Fluoranthene		48	U	48	360
Di-n-butyl phthalate		45	U	45	360
2,4-Dinitrotoluene		12	U	12	73
4-Chlorophenyl phenyl ether		43	U	43	360
4-Nitroaniline		110	U	110	730
4,6-Dinitro-2-methylphenol		99	U	99	1100
4-Bromophenyl phenyl ether		36	U	36	360

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-WT**

Lab Sample ID: 460-72174-4 Date Sampled: 03/06/2014 0945
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94411.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/11/2014 0624			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		56	U	56	360
Anthracene		44	U	44	360
Carbazole		43	U	43	360
Phenanthrene		46	U	46	360
Pentachlorophenol		110	U	110	1100
Pyrene		30	U	30	360
Chrysene		42	U	42	360
Benzo[k]fluoranthene		2.8	U	2.8	36
Benzo[g,h,i]perylene		27	U	27	360
Benzo[b]fluoranthene		2.3	U	2.3	36
Benzo[a]pyrene		2.6	U	2.6	36
Benzo[a]anthracene		2.5	U	2.5	36
N-Nitrosodiphenylamine		36	U	36	360
Butyl benzyl phthalate		33	U	33	360
Bis(2-ethylhexyl) phthalate		120	U	120	360
Di-n-octyl phthalate		23	U	23	360
Indeno[1,2,3-cd]pyrene		6.7	U	6.7	36
Dibenz(a,h)anthracene		4.6	U	4.6	36
3,3'-Dichlorobenzidine		130	U	130	730
1,2,4,5-Tetrachlorobenzene		49	U	49	360
2,3,4,6-Tetrachlorophenol		47	U	47	360

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	78		40 - 106
Phenol-d5	96		44 - 104
Terphenyl-d14	109		41 - 145
2,4,6-Tribromophenol	106		19 - 114
2-Fluorophenol	81		39 - 103
2-Fluorobiphenyl	75		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-WT**

Lab Sample ID: 460-72174-4 Date Sampled: 03/06/2014 0945
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94411.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/11/2014 0624			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **2**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1000280-07-3	Pentafluoropropionic acid, tridecyl este	11.51	310	J N
	Unknown	12.40	600	J

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-8SW-VS**

Lab Sample ID: 460-72174-5 Date Sampled: 03/06/2014 1000
Client Matrix: Solid % Moisture: 5.2 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211922	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94457.D
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/12/2014 0246			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		94	U	94	700
2-Chlorophenol		92	U	92	700
2-Methylphenol		120	U	120	700
4-Methylphenol		140	U	140	700
Benzaldehyde		82	U	82	700
Acetophenone		110	U	110	700
Bis(2-chloroethyl)ether		9.5	U	9.5	70
2,2'-oxybis[1-chloropropane]		77	U	77	700
N-Nitrosodi-n-propylamine		12	U	12	70
Nitrobenzene		9.9	U *	9.9	70
Hexachloroethane		7.8	U	7.8	70
Isophorone		84	U	84	700
2-Nitrophenol		78	U	78	700
2,4-Dimethylphenol		170	U	170	700
2,4-Dichlorophenol		100	U	100	700
Bis(2-chloroethoxy)methane		90	U	90	700
Naphthalene		81	U	81	700
4-Chloroaniline		180	U	180	700
Hexachlorobutadiene		17	U	17	140
Caprolactam		160	U	160	700
4-Chloro-3-methylphenol		110	U	110	700
2-Methylnaphthalene		90	U	90	700
Hexachlorobenzene		9.5	U	9.5	70
Hexachlorocyclopentadiene		82	U	82	700
2,4,6-Trichlorophenol		82	U	82	700
2,4,5-Trichlorophenol		90	U	90	700
Diphenyl		93	U	93	700
2-Chloronaphthalene		78	U	78	700
2-Nitroaniline		290	U	290	1400
2,6-Dinitrotoluene		21	U	21	140
Dimethyl phthalate		83	U	83	700
Acenaphthylene		82	U	82	700
3-Nitroaniline		250	U	250	1400
Acenaphthene		100	U	100	700
4-Nitrophenol		450	U	450	2100
2,4-Dinitrophenol		400	U	400	2100
Dibenzofuran		82	U	82	700
Diethyl phthalate		83	U	83	700
Fluorene		89	U	89	700
Fluoranthene		93	U	93	700
Di-n-butyl phthalate		86	U	86	700
2,4-Dinitrotoluene		23	U	23	140
4-Chlorophenyl phenyl ether		82	U	82	700
4-Nitroaniline		220	U	220	1400
4,6-Dinitro-2-methylphenol		190	U	190	2100
4-Bromophenyl phenyl ether		69	U	69	700

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-8SW-VS**

Lab Sample ID: 460-72174-5 Date Sampled: 03/06/2014 1000
Client Matrix: Solid % Moisture: 5.2 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211922	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94457.D
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/12/2014 0246			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		110	U	110	700
Anthracene		85	U	85	700
Carbazole		82	U	82	700
Phenanthrene		93	J	89	700
Pentachlorophenol		210	U	210	2100
Pyrene		58	U	58	700
Chrysene		81	U	81	700
Benzo[k]fluoranthene		5.3	U	5.3	70
Benzo[g,h,i]perylene		52	U	52	700
Benzo[b]fluoranthene		37	J	4.4	70
Benzo[a]pyrene		20	J	4.9	70
Benzo[a]anthracene		4.9	U	4.9	70
N-Nitrosodiphenylamine		69	U	69	700
Butyl benzyl phthalate		64	U	64	700
Bis(2-ethylhexyl) phthalate		230	U	230	700
Di-n-octyl phthalate		44	U	44	700
Indeno[1,2,3-cd]pyrene		13	U	13	70
Dibenz(a,h)anthracene		8.8	U	8.8	70
3,3'-Dichlorobenzidine		240	U	240	1400
1,2,4,5-Tetrachlorobenzene		94	U	94	700
2,3,4,6-Tetrachlorophenol		91	U	91	700

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	85		40 - 106
Phenol-d5	79		44 - 104
Terphenyl-d14	72		41 - 145
2,4,6-Tribromophenol	81		19 - 114
2-Fluorophenol	75		39 - 103
2-Fluorobiphenyl	100		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-8SW-VS**

Lab Sample ID: 460-72174-5 Date Sampled: 03/06/2014 1000
Client Matrix: Solid % Moisture: 5.2 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211922	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94457.D
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/12/2014 0246			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 19**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown alkane	6.86	620	J
	Unknown alkane	7.18	640	J
2245-38-7	Naphthalene, 1,6,7-trimethyl-	7.63	960	J N
	Unknown alkane	7.98	1000	J
	Unknown alkane	8.09	650	J
	Unknown alkane	8.35	2800	J
	Unknown alkane	8.77	1800	J
	Unknown alkane	9.19	1100	J
	Unknown alkane	10.71	1100	J
	Unknown	12.49	1100	J
	Unknown	12.81	850	J
	Unknown	13.77	780	J
	Unknown	14.21	1600	J
	Unknown	14.35	1800	J
	Unknown	15.38	1700	J
	Unknown	15.62	1800	J
	Unknown	16.74	1100	J
	Unknown	17.17	1300	J
	Unknown	17.41	1300	J

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-4SW-VS**

Lab Sample ID: 460-72174-6 Date Sampled: 03/06/2014 1005
Client Matrix: Solid % Moisture: 8.1 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94426.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/11/2014 1317			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		48	U	48	360
2-Chlorophenol		47	U	47	360
2-Methylphenol		61	U	61	360
4-Methylphenol		71	U	71	360
Benzaldehyde		42	U	42	360
Acetophenone		55	U	55	360
Bis(2-chloroethyl)ether		4.9	U	4.9	36
2,2'-oxybis[1-chloropropane]		40	U	40	360
N-Nitrosodi-n-propylamine		6.0	U	6.0	36
Nitrobenzene		5.1	U *	5.1	36
Hexachloroethane		4.0	U	4.0	36
Isophorone		43	U	43	360
2-Nitrophenol		40	U	40	360
2,4-Dimethylphenol		89	U	89	360
2,4-Dichlorophenol		52	U	52	360
Bis(2-chloroethoxy)methane		46	U	46	360
Naphthalene		42	U	42	360
4-Chloroaniline		95	U	95	360
Hexachlorobutadiene		8.8	U	8.8	73
Caprolactam		83	U	83	360
4-Chloro-3-methylphenol		54	U	54	360
2-Methylnaphthalene		46	U	46	360
Hexachlorobenzene		4.9	U	4.9	36
Hexachlorocyclopentadiene		42	U	42	360
2,4,6-Trichlorophenol		42	U	42	360
2,4,5-Trichlorophenol		46	U	46	360
Diphenyl		48	U	48	360
2-Chloronaphthalene		40	U	40	360
2-Nitroaniline		150	U	150	730
2,6-Dinitrotoluene		11	U	11	73
Dimethyl phthalate		43	U	43	360
Acenaphthylene		42	U	42	360
3-Nitroaniline		130	U	130	730
Acenaphthene		52	U	52	360
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		42	U	42	360
Diethyl phthalate		43	U	43	360
Fluorene		46	U	46	360
Fluoranthene		48	U	48	360
Di-n-butyl phthalate		44	U	44	360
2,4-Dinitrotoluene		12	U	12	73
4-Chlorophenyl phenyl ether		42	U	42	360
4-Nitroaniline		110	U	110	730
4,6-Dinitro-2-methylphenol		98	U	98	1100
4-Bromophenyl phenyl ether		36	U	36	360

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-4SW-VS**

Lab Sample ID: 460-72174-6 Date Sampled: 03/06/2014 1005
Client Matrix: Solid % Moisture: 8.1 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94426.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/11/2014 1317			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		55	U	55	360
Anthracene		44	U	44	360
Carbazole		42	U	42	360
Phenanthrene		46	U	46	360
Pentachlorophenol		110	U	110	1100
Pyrene		30	U	30	360
Chrysene		42	U	42	360
Benzo[k]fluoranthene		2.7	U	2.7	36
Benzo[g,h,i]perylene		27	U	27	360
Benzo[b]fluoranthene		2.3	U	2.3	36
Benzo[a]pyrene		2.5	U	2.5	36
Benzo[a]anthracene		2.5	U	2.5	36
N-Nitrosodiphenylamine		35	U	35	360
Butyl benzyl phthalate		33	U	33	360
Bis(2-ethylhexyl) phthalate		120	U	120	360
Di-n-octyl phthalate		23	U	23	360
Indeno[1,2,3-cd]pyrene		6.7	U	6.7	36
Dibenz(a,h)anthracene		4.5	U	4.5	36
3,3'-Dichlorobenzidine		130	U	130	730
1,2,4,5-Tetrachlorobenzene		48	U	48	360
2,3,4,6-Tetrachlorophenol		47	U	47	360

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	81		40 - 106
Phenol-d5	87		44 - 104
Terphenyl-d14	91		41 - 145
2,4,6-Tribromophenol	87		19 - 114
2-Fluorophenol	85		39 - 103
2-Fluorobiphenyl	94		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-4SW-VS**

Lab Sample ID: 460-72174-6 Date Sampled: 03/06/2014 1005
Client Matrix: Solid % Moisture: 8.1 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94426.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/11/2014 1317			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
88-73-3	Benzene, 1-chloro-2-nitro-	6.04	1400	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.38	2300	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.83	2000	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	9.01	1800	J N
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	9.25	4000	J N
41464-41-9	1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	9.32	1200	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	9.40	1300	J N
41464-42-0	1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	9.52	2900	J N
52663-58-8	1,1'-Biphenyl, 2,3,4',6-tetrachloro-	9.55	2600	J N
41464-49-7	1,1'-Biphenyl, 2,3,3',5'-tetrachloro-	9.59	1600	J N
41464-48-6	1,1'-Biphenyl, 3,3',4,5'-tetrachloro-	9.69	2800	J N
70362-46-8	1,1'-Biphenyl, 2,2',3,5-Tetrachloro-	9.71	1500	J N
32598-10-0	1,1'-Biphenyl, 2,3',4,4'-tetrachloro-	9.79	3400	J N
15968-05-5	1,1'-Biphenyl, 2,2',6,6'-tetrachloro-	9.98	1500	J N
33025-41-1	1,1'-Biphenyl, 2,3,4,4'-tetrachloro-	10.04	5800	J N
33284-53-6	1,1'-Biphenyl, 2,3,4,5-tetrachloro-	10.16	2500	J N
38380-03-9	1,1'-Biphenyl, 2,3,3',4',6-pentachloro-	10.21	1400	J N
39485-83-1	1,1'-Biphenyl, 2,2',4,4',6-Pentachloro-	10.71	1400	J N
41464-51-1	1,1'-Biphenyl, 2,2',3',4,5-Pentachloro-	10.94	1300	J N
33979-03-2	1,1'-Biphenyl, 2,2',4,4',6,6'-hexachloro	11.13	1100	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-4SW-VD**

Lab Sample ID: 460-72174-7 Date Sampled: 03/06/2014 1010
Client Matrix: Solid % Moisture: 4.2 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94412.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/11/2014 0647			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		46	U	46	340
2-Chlorophenol		45	U	45	340
2-Methylphenol		59	U	59	340
4-Methylphenol		68	U	68	340
Benzaldehyde		41	U	41	340
Acetophenone		53	U	53	340
Bis(2-chloroethyl)ether		4.7	U	4.7	34
2,2'-oxybis[1-chloropropane]		38	U	38	340
N-Nitrosodi-n-propylamine		5.8	U	5.8	34
Nitrobenzene		4.9	U *	4.9	34
Hexachloroethane		3.8	U	3.8	34
Isophorone		42	U	42	340
2-Nitrophenol		39	U	39	340
2,4-Dimethylphenol		85	U	85	340
2,4-Dichlorophenol		51	U	51	340
Bis(2-chloroethoxy)methane		45	U	45	340
Naphthalene		40	U	40	340
4-Chloroaniline		91	U	91	340
Hexachlorobutadiene		8.4	U	8.4	70
Caprolactam		80	U	80	340
4-Chloro-3-methylphenol		52	U	52	340
2-Methylnaphthalene		44	U	44	340
Hexachlorobenzene		4.7	U	4.7	34
Hexachlorocyclopentadiene		41	U	41	340
2,4,6-Trichlorophenol		40	U	40	340
2,4,5-Trichlorophenol		45	U	45	340
Diphenyl		46	U	46	340
2-Chloronaphthalene		39	U	39	340
2-Nitroaniline		140	U	140	700
2,6-Dinitrotoluene		10	U	10	70
Dimethyl phthalate		41	U	41	340
Acenaphthylene		41	U	41	340
3-Nitroaniline		120	U	120	700
Acenaphthene		50	U	50	340
4-Nitrophenol		220	U	220	1000
2,4-Dinitrophenol		200	U	200	1000
Dibenzofuran		40	U	40	340
Diethyl phthalate		41	U	41	340
Fluorene		44	U	44	340
Fluoranthene		46	U	46	340
Di-n-butyl phthalate		43	U	43	340
2,4-Dinitrotoluene		11	U	11	70
4-Chlorophenyl phenyl ether		40	U	40	340
4-Nitroaniline		110	U	110	700
4,6-Dinitro-2-methylphenol		94	U	94	1000
4-Bromophenyl phenyl ether		34	U	34	340

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-4SW-VD**

Lab Sample ID: 460-72174-7 Date Sampled: 03/06/2014 1010
Client Matrix: Solid % Moisture: 4.2 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94412.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/11/2014 0647			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		53	U	53	340
Anthracene		42	U	42	340
Carbazole		41	U	41	340
Phenanthrene		44	U	44	340
Pentachlorophenol		100	U	100	1000
Pyrene		29	U	29	340
Chrysene		40	U	40	340
Benzo[k]fluoranthene		2.6	U	2.6	34
Benzo[g,h,i]perylene		26	U	26	340
Benzo[b]fluoranthene		2.2	U	2.2	34
Benzo[a]pyrene		2.4	U	2.4	34
Benzo[a]anthracene		2.4	U	2.4	34
N-Nitrosodiphenylamine		34	U	34	340
Butyl benzyl phthalate		32	U	32	340
Bis(2-ethylhexyl) phthalate		110	U	110	340
Di-n-octyl phthalate		22	U	22	340
Indeno[1,2,3-cd]pyrene		6.4	U	6.4	34
Dibenz(a,h)anthracene		4.4	U	4.4	34
3,3'-Dichlorobenzidine		120	U	120	700
1,2,4,5-Tetrachlorobenzene		46	U	46	340
2,3,4,6-Tetrachlorophenol		45	U	45	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	69		40 - 106
Phenol-d5	87		44 - 104
Terphenyl-d14	101		41 - 145
2,4,6-Tribromophenol	85		19 - 114
2-Fluorophenol	71		39 - 103
2-Fluorobiphenyl	91		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-4SW-VD**

Lab Sample ID: 460-72174-7 Date Sampled: 03/06/2014 1010
Client Matrix: Solid % Moisture: 4.2 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94412.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/11/2014 0647			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
88-73-3	Benzene, 1-chloro-2-nitro-	6.04	620	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-VS**

Lab Sample ID: 460-72174-8 Date Sampled: 03/06/2014 1020
Client Matrix: Solid % Moisture: 6.8 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94427.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/11/2014 1340			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		48	U	48	350
2-Chlorophenol		47	U	47	350
2-Methylphenol		60	U	60	350
4-Methylphenol		70	U	70	350
Benzaldehyde		42	U	42	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.9	U	5.9	35
Nitrobenzene		5.0	U *	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		43	U	43	350
2-Nitrophenol		40	U	40	350
2,4-Dimethylphenol		87	U	87	350
2,4-Dichlorophenol		52	U	52	350
Bis(2-chloroethoxy)methane		46	U	46	350
Naphthalene		41	U	41	350
4-Chloroaniline		94	U	94	350
Hexachlorobutadiene		8.6	U	8.6	72
Caprolactam		82	U	82	350
4-Chloro-3-methylphenol		53	U	53	350
2-Methylnaphthalene		46	U	46	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		42	U	42	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		46	U	46	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		40	U	40	350
2-Nitroaniline		150	U	150	720
2,6-Dinitrotoluene		11	U	11	72
Dimethyl phthalate		42	U	42	350
Acenaphthylene		42	U	42	350
3-Nitroaniline		130	U	130	720
Acenaphthene		52	U	52	350
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		42	U	42	350
Diethyl phthalate		42	U	42	350
Fluorene		45	U	45	350
Fluoranthene		47	U	47	350
Di-n-butyl phthalate		44	U	44	350
2,4-Dinitrotoluene		12	U	12	72
4-Chlorophenyl phenyl ether		42	U	42	350
4-Nitroaniline		110	U	110	720
4,6-Dinitro-2-methylphenol		97	U	97	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-VS**

Lab Sample ID: 460-72174-8 Date Sampled: 03/06/2014 1020
Client Matrix: Solid % Moisture: 6.8 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94427.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/11/2014 1340			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		55	U	55	350
Anthracene		43	U	43	350
Carbazole		42	U	42	350
Phenanthrene		45	U	45	350
Pentachlorophenol		110	U	110	1100
Pyrene		30	U	30	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.7	U	2.7	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.5	U	2.5	35
N-Nitrosodiphenylamine		35	U	35	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		23	U	23	350
Indeno[1,2,3-cd]pyrene		6.6	U	6.6	35
Dibenz(a,h)anthracene		4.5	U	4.5	35
3,3'-Dichlorobenzidine		120	U	120	720
1,2,4,5-Tetrachlorobenzene		48	U	48	350
2,3,4,6-Tetrachlorophenol		46	U	46	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	59		40 - 106
Phenol-d5	80		44 - 104
Terphenyl-d14	90		41 - 145
2,4,6-Tribromophenol	88		19 - 114
2-Fluorophenol	63		39 - 103
2-Fluorobiphenyl	82		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-VS**

Lab Sample ID: 460-72174-8 Date Sampled: 03/06/2014 1020
Client Matrix: Solid % Moisture: 6.8 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94427.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/11/2014 1340			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	2.87	30000	J
100-00-5	Benzene, 1-chloro-4-nitro-	6.05	620	J N
74645-98-0	Dodecane, 2,7,10-trimethyl-	8.37	350	J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	9.00	490	J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	9.25	1400	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	9.39	420	J N
32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	9.52	710	J N
41464-40-8	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	9.55	600	J N
41464-40-8	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	9.68	890	J N
32598-11-1	1,1'-Biphenyl, 2,3',4',5-tetrachloro-	9.78	970	J N
2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	9.97	520	J N
2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	10.03	1200	J N
52663-58-8	1,1'-Biphenyl, 2,3,4',6-tetrachloro-	10.16	690	J N
38380-03-9	1,1'-Biphenyl, 2,3,3',4',6-pentachloro-	10.20	310	J N
6971-40-0	17-Pentatriacontene	12.38	460	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-VD**

Lab Sample ID: 460-72174-9 Date Sampled: 03/06/2014 1025
Client Matrix: Solid % Moisture: 4.9 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94413.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/11/2014 0709			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		59	U	59	350
4-Methylphenol		68	U	68	350
Benzaldehyde		41	U	41	350
Acetophenone		53	U	53	350
Bis(2-chloroethyl)ether		4.7	U	4.7	35
2,2'-oxybis[1-chloropropane]		38	U	38	350
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
Nitrobenzene		4.9	U *	4.9	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		42	U	42	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		86	U	86	350
2,4-Dichlorophenol		51	U	51	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		40	U	40	350
4-Chloroaniline		92	U	92	350
Hexachlorobutadiene		8.5	U	8.5	70
Caprolactam		80	U	80	350
4-Chloro-3-methylphenol		52	U	52	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		45	U	45	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	700
2,6-Dinitrotoluene		10	U	10	70
Dimethyl phthalate		41	U	41	350
Acenaphthylene		41	U	41	350
3-Nitroaniline		120	U	120	700
Acenaphthene		51	U	51	350
4-Nitrophenol		220	U	220	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		41	U	41	350
Diethyl phthalate		41	U	41	350
Fluorene		44	U	44	350
Fluoranthene		46	U	46	350
Di-n-butyl phthalate		43	U	43	350
2,4-Dinitrotoluene		11	U	11	70
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	700
4,6-Dinitro-2-methylphenol		95	U	95	1100
4-Bromophenyl phenyl ether		34	U	34	350

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-VD**

Lab Sample ID: 460-72174-9 Date Sampled: 03/06/2014 1025
Client Matrix: Solid % Moisture: 4.9 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94413.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/11/2014 0709			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		54	U	54	350
Anthracene		42	U	42	350
Carbazole		41	U	41	350
Phenanthrene		44	U	44	350
Pentachlorophenol		100	U	100	1100
Pyrene		29	U	29	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.6	U	2.6	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.4	U	2.4	35
N-Nitrosodiphenylamine		34	U	34	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		22	U	22	350
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Dibenz(a,h)anthracene		4.4	U	4.4	35
3,3'-Dichlorobenzidine		120	U	120	700
1,2,4,5-Tetrachlorobenzene		47	U	47	350
2,3,4,6-Tetrachlorophenol		45	U	45	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	68		40 - 106
Phenol-d5	88		44 - 104
Terphenyl-d14	104		41 - 145
2,4,6-Tribromophenol	95		19 - 114
2-Fluorophenol	77		39 - 103
2-Fluorobiphenyl	73		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-VD**

Lab Sample ID: 460-72174-9 Date Sampled: 03/06/2014 1025
Client Matrix: Solid % Moisture: 4.9 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94413.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/11/2014 0709			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
88-73-3	Benzene, 1-chloro-2-nitro-	6.05	550	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-WT**

Lab Sample ID: 460-72174-10 Date Sampled: 03/06/2014 1030
Client Matrix: Solid % Moisture: 10.9 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94414.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/11/2014 0732			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		50	U	50	370
2-Chlorophenol		49	U	49	370
2-Methylphenol		63	U	63	370
4-Methylphenol		73	U	73	370
Benzaldehyde		44	U	44	370
Acetophenone		57	U	57	370
Bis(2-chloroethyl)ether		5.0	U	5.0	37
2,2'-oxybis[1-chloropropane]		41	U	41	370
N-Nitrosodi-n-propylamine		6.2	U	6.2	37
Nitrobenzene		5.3	U *	5.3	37
Hexachloroethane		4.1	U	4.1	37
Isophorone		45	U	45	370
2-Nitrophenol		41	U	41	370
2,4-Dimethylphenol		91	U	91	370
2,4-Dichlorophenol		54	U	54	370
Bis(2-chloroethoxy)methane		48	U	48	370
Naphthalene		43	U	43	370
4-Chloroaniline		98	U	98	370
Hexachlorobutadiene		9.0	U	9.0	75
Caprolactam		85	U	85	370
4-Chloro-3-methylphenol		56	U	56	370
2-Methylnaphthalene		48	U	48	370
Hexachlorobenzene		5.1	U	5.1	37
Hexachlorocyclopentadiene		44	U	44	370
2,4,6-Trichlorophenol		43	U	43	370
2,4,5-Trichlorophenol		48	U	48	370
Diphenyl		50	U	50	370
2-Chloronaphthalene		41	U	41	370
2-Nitroaniline		150	U	150	750
2,6-Dinitrotoluene		11	U	11	75
Dimethyl phthalate		44	U	44	370
Acenaphthylene		44	U	44	370
3-Nitroaniline		130	U	130	750
Acenaphthene		54	U	54	370
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		43	U	43	370
Diethyl phthalate		44	U	44	370
Fluorene		47	U	47	370
Fluoranthene		49	U	49	370
Di-n-butyl phthalate		46	U	46	370
2,4-Dinitrotoluene		12	U	12	75
4-Chlorophenyl phenyl ether		43	U	43	370
4-Nitroaniline		120	U	120	750
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		37	U	37	370

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-WT**

Lab Sample ID: 460-72174-10 Date Sampled: 03/06/2014 1030
Client Matrix: Solid % Moisture: 10.9 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94414.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/11/2014 0732			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		57	U	57	370
Anthracene		45	U	45	370
Carbazole		44	U	44	370
Phenanthrene		47	U	47	370
Pentachlorophenol		110	U	110	1100
Pyrene		31	U	31	370
Chrysene		43	U	43	370
Benzo[k]fluoranthene		2.8	U	2.8	37
Benzo[g,h,i]perylene		27	U	27	370
Benzo[b]fluoranthene		2.3	U	2.3	37
Benzo[a]pyrene		2.6	U	2.6	37
Benzo[a]anthracene		2.6	U	2.6	37
N-Nitrosodiphenylamine		36	U	36	370
Butyl benzyl phthalate		34	U	34	370
Bis(2-ethylhexyl) phthalate		120	U	120	370
Di-n-octyl phthalate		24	U	24	370
Indeno[1,2,3-cd]pyrene		6.9	U	6.9	37
Dibenz(a,h)anthracene		4.7	U	4.7	37
3,3'-Dichlorobenzidine		130	U	130	750
1,2,4,5-Tetrachlorobenzene		50	U	50	370
2,3,4,6-Tetrachlorophenol		48	U	48	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	51		40 - 106
Phenol-d5	78		44 - 104
Terphenyl-d14	104		41 - 145
2,4,6-Tribromophenol	88		19 - 114
2-Fluorophenol	63		39 - 103
2-Fluorobiphenyl	61		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-WT**

Lab Sample ID: 460-72174-10 Date Sampled: 03/06/2014 1030
Client Matrix: Solid % Moisture: 10.9 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94414.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/11/2014 0732			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
88-73-3	Benzene, 1-chloro-2-nitro-	6.03	340	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-5SW-WT**

Lab Sample ID: 460-72174-11 Date Sampled: 03/06/2014 1055
Client Matrix: Solid % Moisture: 6.3 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94425.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/11/2014 1254			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		60	U	60	350
4-Methylphenol		69	U	69	350
Benzaldehyde		41	U	41	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.9	U	5.9	35
Nitrobenzene		5.0	U *	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		43	U	43	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		87	U	87	350
2,4-Dichlorophenol		52	U	52	350
Bis(2-chloroethoxy)methane		46	U	46	350
Naphthalene		41	U	41	350
4-Chloroaniline		93	U	93	350
Hexachlorobutadiene		8.6	U	8.6	71
Caprolactam		81	U	81	350
4-Chloro-3-methylphenol		53	U	53	350
2-Methylnaphthalene		220	J	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		46	U	46	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	710
2,6-Dinitrotoluene		11	U	11	71
Dimethyl phthalate		42	U	42	350
Acenaphthylene		42	U	42	350
3-Nitroaniline		120	U	120	710
Acenaphthene		320	J	51	350
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		41	U	41	350
Diethyl phthalate		42	U	42	350
Fluorene		45	U	45	350
Fluoranthene		77	J	47	350
Di-n-butyl phthalate		44	U	44	350
2,4-Dinitrotoluene		12	U	12	71
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
4,6-Dinitro-2-methylphenol		96	U	96	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-5SW-WT**

Lab Sample ID: 460-72174-11 Date Sampled: 03/06/2014 1055
Client Matrix: Solid % Moisture: 6.3 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94425.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/11/2014 1254			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		55	U	55	350
Anthracene		43	U	43	350
Carbazole		42	U	42	350
Phenanthrene		630		45	350
Pentachlorophenol		110	U	110	1100
Pyrene		170	J	30	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.7	U	2.7	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.5	U	2.5	35
N-Nitrosodiphenylamine		35	U	35	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		23	U	23	350
Indeno[1,2,3-cd]pyrene		6.6	U	6.6	35
Dibenz(a,h)anthracene		4.4	U	4.4	35
3,3'-Dichlorobenzidine		120	U	120	710
1,2,4,5-Tetrachlorobenzene		47	U	47	350
2,3,4,6-Tetrachlorophenol		46	U	46	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	74		40 - 106
Phenol-d5	77		44 - 104
Terphenyl-d14	86		41 - 145
2,4,6-Tribromophenol	86		19 - 114
2-Fluorophenol	68		39 - 103
2-Fluorobiphenyl	94		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-5SW-WT**

Lab Sample ID: 460-72174-11 Date Sampled: 03/06/2014 1055
Client Matrix: Solid % Moisture: 6.3 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94425.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/11/2014 1254			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
629-50-5	Tridecane	6.31	4300	J N
	Unknown	8.22	6600	J
54105-67-8	Heptadecane, 2,6-dimethyl-	8.42	39000	J N
34883-41-5	1,1'-Biphenyl, 3,5-dichloro-	8.51	5000	J N
	Unknown	8.59	14000	J
	Unknown	8.65	3700	J
	Unknown	8.67	3700	J
	Unknown	8.70	8700	J
629-78-7	Heptadecane	8.84	10000	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.87	16000	J N
	Unknown	9.13	4000	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	9.20	5100	J N
629-59-4	Tetradecane	9.25	3500	J N
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	9.28	7700	J N
613-12-7	Anthracene, 2-methyl-	9.43	7000	J N
832-69-9	Phenanthrene, 1-methyl-	9.54	8200	J N
	Unknown	9.63	9800	J
	Unknown	9.90	3600	J
629-94-7	Heneicosane	10.00	4100	J N
41464-42-0	1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	10.17	4800	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-5SW-SI**

Lab Sample ID: 460-72174-12 Date Sampled: 03/06/2014 1100
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94415.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/11/2014 0908			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		51	U	51	380
2-Chlorophenol		50	U	50	380
2-Methylphenol		65	U	65	380
4-Methylphenol		75	U	75	380
Benzaldehyde		45	U	45	380
Acetophenone		59	U	59	380
Bis(2-chloroethyl)ether		5.2	U	5.2	38
2,2'-oxybis[1-chloropropane]		42	U	42	380
N-Nitrosodi-n-propylamine		6.4	U	6.4	38
Nitrobenzene		5.4	U *	5.4	38
Hexachloroethane		4.2	U	4.2	38
Isophorone		46	U	46	380
2-Nitrophenol		43	U	43	380
2,4-Dimethylphenol		94	U	94	380
2,4-Dichlorophenol		56	U	56	380
Bis(2-chloroethoxy)methane		49	U	49	380
Naphthalene		44	U	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.3	U	9.3	77
Caprolactam		88	U	88	380
4-Chloro-3-methylphenol		58	U	58	380
2-Methylnaphthalene		190	J	49	380
Hexachlorobenzene		5.2	U	5.2	38
Hexachlorocyclopentadiene		45	U	45	380
2,4,6-Trichlorophenol		45	U	45	380
2,4,5-Trichlorophenol		49	U	49	380
Diphenyl		51	U	51	380
2-Chloronaphthalene		43	U	43	380
2-Nitroaniline		160	U	160	770
2,6-Dinitrotoluene		11	U	11	77
Dimethyl phthalate		45	U	45	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		130	U	130	770
Acenaphthene		56	U	56	380
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		45	U	45	380
Diethyl phthalate		45	U	45	380
Fluorene		49	U	49	380
Fluoranthene		60	J	51	380
Di-n-butyl phthalate		47	U	47	380
2,4-Dinitrotoluene		13	U	13	77
4-Chlorophenyl phenyl ether		45	U	45	380
4-Nitroaniline		120	U	120	770
4,6-Dinitro-2-methylphenol		100	U	100	1200
4-Bromophenyl phenyl ether		38	U	38	380

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-5SW-SI**

Lab Sample ID: 460-72174-12 Date Sampled: 03/06/2014 1100
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94415.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/11/2014 0908			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		59	U	59	380
Anthracene		46	U	46	380
Carbazole		45	U	45	380
Phenanthrene		1400		49	380
Pentachlorophenol		110	U	110	1200
Pyrene		130	J	32	380
Chrysene		44	U	44	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.7	U	2.7	38
N-Nitrosodiphenylamine		38	U	38	380
Butyl benzyl phthalate		35	U	35	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		24	U	24	380
Indeno[1,2,3-cd]pyrene		7.1	U	7.1	38
Dibenz(a,h)anthracene		4.8	U	4.8	38
3,3'-Dichlorobenzidine		130	U	130	770
1,2,4,5-Tetrachlorobenzene		51	U	51	380
2,3,4,6-Tetrachlorophenol		50	U	50	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	71		40 - 106
Phenol-d5	79		44 - 104
Terphenyl-d14	83		41 - 145
2,4,6-Tribromophenol	109		19 - 114
2-Fluorophenol	68		39 - 103
2-Fluorobiphenyl	81		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-5SW-SI**

Lab Sample ID: 460-72174-12 Date Sampled: 03/06/2014 1100
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94415.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/11/2014 0908			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
62108-25-2	Decane, 2,6,7-trimethyl-	6.16	3500	J N
629-50-5	Tridecane	6.33	4400	J N
1560-96-9	Tridecane, 2-methyl-	6.70	2000	J N
629-59-4	Tetradecane	6.91	2600	J N
575-37-1	Naphthalene, 1,7-dimethyl-	7.16	2500	J N
74645-98-0	Dodecane, 2,7,10-trimethyl-	7.22	3900	J N
	Unknown	7.75	3900	J
2245-38-7	Naphthalene, 1,6,7-trimethyl-	7.88	2100	J N
	Unknown alkane	7.97	1500	J
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.16	3900	J N
54105-67-8	Heptadecane, 2,6-dimethyl-	8.43	7600	J N
	Unknown	8.60	1800	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.88	4000	J N
31295-56-4	Dodecane, 2,6,11-trimethyl-	9.20	2000	J N
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	9.28	1600	J N
2531-84-2	Phenanthrene, 2-methyl-	9.46	2100	J N
2531-84-2	Phenanthrene, 2-methyl-	9.54	1500	J N
38444-93-8	1,1'-Biphenyl, 2,2',3,3'-tetrachloro-	9.71	2300	J N
3674-66-6	Phenanthrene, 2,5-dimethyl-	9.97	1100	J N
	Unknown	10.59	2100	J

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-VD**

Lab Sample ID: 460-72174-13 Date Sampled: 03/06/2014 1120
Client Matrix: Solid % Moisture: 4.6 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94416.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/11/2014 0931			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		46	U	46	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		59	U	59	350
4-Methylphenol		68	U	68	350
Benzaldehyde		41	U	41	350
Acetophenone		53	U	53	350
Bis(2-chloroethyl)ether		4.7	U	4.7	35
2,2'-oxybis[1-chloropropane]		38	U	38	350
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
Nitrobenzene		4.9	U *	4.9	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		42	U	42	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		85	U	85	350
2,4-Dichlorophenol		51	U	51	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		40	U	40	350
4-Chloroaniline		92	U	92	350
Hexachlorobutadiene		8.4	U	8.4	70
Caprolactam		80	U	80	350
4-Chloro-3-methylphenol		52	U	52	350
2-Methylnaphthalene		44	U	44	350
Hexachlorobenzene		4.7	U	4.7	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		45	U	45	350
Diphenyl		46	U	46	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		140	U	140	700
2,6-Dinitrotoluene		10	U	10	70
Dimethyl phthalate		41	U	41	350
Acenaphthylene		41	U	41	350
3-Nitroaniline		120	U	120	700
Acenaphthene		50	U	50	350
4-Nitrophenol		220	U	220	1000
2,4-Dinitrophenol		200	U	200	1000
Dibenzofuran		41	U	41	350
Diethyl phthalate		41	U	41	350
Fluorene		44	U	44	350
Fluoranthene		46	U	46	350
Di-n-butyl phthalate		43	U	43	350
2,4-Dinitrotoluene		11	U	11	70
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	700
4,6-Dinitro-2-methylphenol		94	U	94	1000
4-Bromophenyl phenyl ether		34	U	34	350

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-VD**

Lab Sample ID: 460-72174-13 Date Sampled: 03/06/2014 1120
Client Matrix: Solid % Moisture: 4.6 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94416.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/11/2014 0931			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		53	U	53	350
Anthracene		42	U	42	350
Carbazole		41	U	41	350
Phenanthrene		44	U	44	350
Pentachlorophenol		100	U	100	1000
Pyrene		29	U	29	350
Chrysene		40	U	40	350
Benzo[k]fluoranthene		2.6	U	2.6	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.4	U	2.4	35
Benzo[a]anthracene		2.4	U	2.4	35
N-Nitrosodiphenylamine		34	U	34	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		22	U	22	350
Indeno[1,2,3-cd]pyrene		6.4	U	6.4	35
Dibenz(a,h)anthracene		4.4	U	4.4	35
3,3'-Dichlorobenzidine		120	U	120	700
1,2,4,5-Tetrachlorobenzene		47	U	47	350
2,3,4,6-Tetrachlorophenol		45	U	45	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	40		40 - 106
Phenol-d5	68		44 - 104
Terphenyl-d14	91		41 - 145
2,4,6-Tribromophenol	85		19 - 114
2-Fluorophenol	48		39 - 103
2-Fluorobiphenyl	49		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-VD**

Lab Sample ID: 460-72174-13 Date Sampled: 03/06/2014 1120
Client Matrix: Solid % Moisture: 4.6 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94416.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/11/2014 0931			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
544-76-3	Hexadecane	6.88	340	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-WT**

Lab Sample ID: 460-72174-14 Date Sampled: 03/06/2014 1125
Client Matrix: Solid % Moisture: 10.9 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94417.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/11/2014 0953			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		50	U	50	370
2-Chlorophenol		49	U	49	370
2-Methylphenol		63	U	63	370
4-Methylphenol		73	U	73	370
Benzaldehyde		44	U	44	370
Acetophenone		57	U	57	370
Bis(2-chloroethyl)ether		5.0	U	5.0	37
2,2'-oxybis[1-chloropropane]		41	U	41	370
N-Nitrosodi-n-propylamine		6.2	U	6.2	37
Nitrobenzene		5.3	U *	5.3	37
Hexachloroethane		4.1	U	4.1	37
Isophorone		45	U	45	370
2-Nitrophenol		41	U	41	370
2,4-Dimethylphenol		91	U	91	370
2,4-Dichlorophenol		54	U	54	370
Bis(2-chloroethoxy)methane		48	U	48	370
Naphthalene		43	U	43	370
4-Chloroaniline		98	U	98	370
Hexachlorobutadiene		9.0	U	9.0	75
Caprolactam		85	U	85	370
4-Chloro-3-methylphenol		56	U	56	370
2-Methylnaphthalene		48	U	48	370
Hexachlorobenzene		5.1	U	5.1	37
Hexachlorocyclopentadiene		44	U	44	370
2,4,6-Trichlorophenol		43	U	43	370
2,4,5-Trichlorophenol		48	U	48	370
Diphenyl		50	U	50	370
2-Chloronaphthalene		41	U	41	370
2-Nitroaniline		150	U	150	750
2,6-Dinitrotoluene		11	U	11	75
Dimethyl phthalate		44	U	44	370
Acenaphthylene		44	U	44	370
3-Nitroaniline		130	U	130	750
Acenaphthene		54	U	54	370
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		43	U	43	370
Diethyl phthalate		44	U	44	370
Fluorene		47	U	47	370
Fluoranthene		49	U	49	370
Di-n-butyl phthalate		46	U	46	370
2,4-Dinitrotoluene		12	U	12	75
4-Chlorophenyl phenyl ether		43	U	43	370
4-Nitroaniline		120	U	120	750
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		37	U	37	370

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-WT**

Lab Sample ID: 460-72174-14 Date Sampled: 03/06/2014 1125
Client Matrix: Solid % Moisture: 10.9 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94417.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/11/2014 0953			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		57	U	57	370
Anthracene		45	U	45	370
Carbazole		44	U	44	370
Phenanthrene		47	U	47	370
Pentachlorophenol		110	U	110	1100
Pyrene		78	J	31	370
Chrysene		43	U	43	370
Benzo[k]fluoranthene		2.8	U	2.8	37
Benzo[g,h,i]perylene		27	U	27	370
Benzo[b]fluoranthene		2.3	U	2.3	37
Benzo[a]pyrene		2.6	U	2.6	37
Benzo[a]anthracene		2.6	U	2.6	37
N-Nitrosodiphenylamine		36	U	36	370
Butyl benzyl phthalate		34	U	34	370
Bis(2-ethylhexyl) phthalate		120	U	120	370
Di-n-octyl phthalate		24	U	24	370
Indeno[1,2,3-cd]pyrene		6.9	U	6.9	37
Dibenz(a,h)anthracene		4.7	U	4.7	37
3,3'-Dichlorobenzidine		130	U	130	750
1,2,4,5-Tetrachlorobenzene		50	U	50	370
2,3,4,6-Tetrachlorophenol		48	U	48	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	55		40 - 106
Phenol-d5	63		44 - 104
Terphenyl-d14	89		41 - 145
2,4,6-Tribromophenol	112		19 - 114
2-Fluorophenol	51		39 - 103
2-Fluorobiphenyl	80		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-WT**

Lab Sample ID: 460-72174-14 Date Sampled: 03/06/2014 1125
Client Matrix: Solid % Moisture: 10.9 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94417.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/11/2014 0953			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown alkane	6.89	2200	J
17312-62-8	Decane, 5-propyl-	7.22	2400	J N
	Unknown	7.65	1100	J
	Unknown	7.68	910	J
2245-38-7	Naphthalene, 1,6,7-trimethyl-	7.70	950	J N
	Unknown	7.73	1300	J
	Unknown alkane	8.18	1300	J
	Unknown	8.25	3700	J
529-05-5	Azulene, 7-ethyl-1,4-dimethyl-	8.45	1400	J N
55045-11-9	Tridecane, 5-propyl-	8.58	2900	J N
	Unknown	8.61	1200	J
	Unknown alkane	8.67	1900	J
	Unknown	8.70	3200	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.86	7800	J N
	Unknown alkane	8.99	1100	J
	Unknown alkane	9.18	1700	J
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	9.27	3000	J N
52663-58-8	1,1'-Biphenyl, 2,3,4',6-tetrachloro-	9.53	3300	J N
	Unknown alkane	10.00	3000	J
	Unknown	10.27	4200	J

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-SI**

Lab Sample ID: 460-72174-15 Date Sampled: 03/06/2014 1130
Client Matrix: Solid % Moisture: 12.0 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94418.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/11/2014 1016			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		50	U	50	370
2-Chlorophenol		49	U	49	370
2-Methylphenol		64	U	64	370
4-Methylphenol		74	U	74	370
Benzaldehyde		44	U	44	370
Acetophenone		58	U	58	370
Bis(2-chloroethyl)ether		5.1	U	5.1	37
2,2'-oxybis[1-chloropropane]		42	U	42	370
N-Nitrosodi-n-propylamine		6.3	U	6.3	37
Nitrobenzene		5.3	U *	5.3	37
Hexachloroethane		4.2	U	4.2	37
Isophorone		45	U	45	370
2-Nitrophenol		42	U	42	370
2,4-Dimethylphenol		93	U	93	370
2,4-Dichlorophenol		55	U	55	370
Bis(2-chloroethoxy)methane		48	U	48	370
Naphthalene		43	U	43	370
4-Chloroaniline		99	U	99	370
Hexachlorobutadiene		9.2	U	9.2	76
Caprolactam		86	U	86	370
4-Chloro-3-methylphenol		57	U	57	370
2-Methylnaphthalene		48	U	48	370
Hexachlorobenzene		5.1	U	5.1	37
Hexachlorocyclopentadiene		44	U	44	370
2,4,6-Trichlorophenol		44	U	44	370
2,4,5-Trichlorophenol		48	U	48	370
Diphenyl		50	U	50	370
2-Chloronaphthalene		42	U	42	370
2-Nitroaniline		160	U	160	760
2,6-Dinitrotoluene		11	U	11	76
Dimethyl phthalate		44	U	44	370
Acenaphthylene		44	U	44	370
3-Nitroaniline		130	U	130	760
Acenaphthene		55	U	55	370
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		44	U	44	370
Diethyl phthalate		45	U	45	370
Fluorene		48	U	48	370
Fluoranthene		50	U	50	370
Di-n-butyl phthalate		46	U	46	370
2,4-Dinitrotoluene		12	U	12	76
4-Chlorophenyl phenyl ether		44	U	44	370
4-Nitroaniline		120	U	120	760
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		37	U	37	370

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-SI**

Lab Sample ID: 460-72174-15 Date Sampled: 03/06/2014 1130
Client Matrix: Solid % Moisture: 12.0 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94418.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/11/2014 1016			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		58	U	58	370
Anthracene		46	U	46	370
Carbazole		44	U	44	370
Phenanthrene		350	J	48	370
Pentachlorophenol		110	U	110	1100
Pyrene		46	J	31	370
Chrysene		44	U	44	370
Benzo[k]fluoranthene		2.8	U	2.8	37
Benzo[g,h,i]perylene		28	U	28	370
Benzo[b]fluoranthene		2.4	U	2.4	37
Benzo[a]pyrene		2.7	U	2.7	37
Benzo[a]anthracene		2.6	U	2.6	37
N-Nitrosodiphenylamine		37	U	37	370
Butyl benzyl phthalate		34	U	34	370
Bis(2-ethylhexyl) phthalate		120	U	120	370
Di-n-octyl phthalate		24	U	24	370
Indeno[1,2,3-cd]pyrene		7.0	U	7.0	37
Dibenz(a,h)anthracene		4.7	U	4.7	37
3,3'-Dichlorobenzidine		130	U	130	760
1,2,4,5-Tetrachlorobenzene		50	U	50	370
2,3,4,6-Tetrachlorophenol		49	U	49	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	52		40 - 106
Phenol-d5	77		44 - 104
Terphenyl-d14	88		41 - 145
2,4,6-Tribromophenol	115	X	19 - 114
2-Fluorophenol	58		39 - 103
2-Fluorobiphenyl	79		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-SI**

Lab Sample ID: 460-72174-15 Date Sampled: 03/06/2014 1130
Client Matrix: Solid % Moisture: 12.0 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94418.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/11/2014 1016			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
3891-98-3	Dodecane, 2,6,10-trimethyl-	6.75	2400	J N
13287-21-3	Tridecane, 6-methyl-	6.88	3600	J N
581-40-8	Naphthalene, 2,3-dimethyl-	7.13	5000	J N
18344-37-1	Heptadecane, 2,6,10,14-tetramethyl-	7.20	6200	J N
629-62-9	Pentadecane	7.41	3600	J N
17312-62-8	Decane, 5-propyl-	7.64	2500	J N
	Unknown	7.67	3000	J
544-76-3	Hexadecane	7.73	3500	J N
	Unknown	7.76	1900	J
	Unknown	7.85	8100	J
544-76-3	Hexadecane	7.91	2500	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.13	16000	J N
	Unknown	8.28	2600	J
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.40	8700	J N
	Unknown	8.56	7900	J
	Unknown	8.70	2200	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.85	8100	J N
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	9.26	4300	J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	9.34	2400	J N
	Unknown	9.41	2700	J

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-VD**

Lab Sample ID: 460-72174-16 Date Sampled: 03/06/2014 1145
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94419.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/11/2014 1039			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		60	U	60	350
4-Methylphenol		69	U	69	350
Benzaldehyde		41	U	41	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
Nitrobenzene		5.0	U *	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		42	U	42	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		86	U	86	350
2,4-Dichlorophenol		51	U	51	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		41	U	41	350
4-Chloroaniline		93	U	93	350
Hexachlorobutadiene		8.6	U	8.6	71
Caprolactam		81	U	81	350
4-Chloro-3-methylphenol		53	U	53	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		45	U	45	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	710
2,6-Dinitrotoluene		11	U	11	71
Dimethyl phthalate		42	U	42	350
Acenaphthylene		41	U	41	350
3-Nitroaniline		120	U	120	710
Acenaphthene		51	U	51	350
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		41	U	41	350
Diethyl phthalate		42	U	42	350
Fluorene		45	U	45	350
Fluoranthene		47	U	47	350
Di-n-butyl phthalate		43	U	43	350
2,4-Dinitrotoluene		12	U	12	71
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
4,6-Dinitro-2-methylphenol		95	U	95	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-VD**

Lab Sample ID: 460-72174-16 Date Sampled: 03/06/2014 1145
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94419.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/11/2014 1039			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		54	U	54	350
Anthracene		43	U	43	350
Carbazole		41	U	41	350
Phenanthrene		45	U	45	350
Pentachlorophenol		100	U	100	1100
Pyrene		29	U	29	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.7	U	2.7	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.4	U	2.4	35
N-Nitrosodiphenylamine		35	U	35	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		22	U	22	350
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Dibenz(a,h)anthracene		4.4	U	4.4	35
3,3'-Dichlorobenzidine		120	U	120	710
1,2,4,5-Tetrachlorobenzene		47	U	47	350
2,3,4,6-Tetrachlorophenol		46	U	46	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	57		40 - 106
Phenol-d5	69		44 - 104
Terphenyl-d14	87		41 - 145
2,4,6-Tribromophenol	97		19 - 114
2-Fluorophenol	57		39 - 103
2-Fluorobiphenyl	83		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-VD**

Lab Sample ID: 460-72174-16 Date Sampled: 03/06/2014 1145
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94419.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/11/2014 1039			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	6.92	850	J
18344-37-1	Heptadecane, 2,6,10,14-tetramethyl-	7.19	6000	J N
	Unknown	7.25	1000	J
	Unknown	7.37	2700	J
629-62-9	Pentadecane	7.41	5000	J N
	Unknown	7.44	11000	J
1560-88-9	Octadecane, 2-methyl-	7.72	2800	J N
	Unknown	7.85	3100	J
544-76-3	Hexadecane	7.90	7300	J N
	Unknown	8.01	3500	J
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.12	9800	J N
57383-81-0	Phenol, 2,3,5-tribromo-	8.23	1700	J N
54105-67-8	Heptadecane, 2,6-dimethyl-	8.38	4000	J N
2040-95-1	Cyclopentane, butyl-	8.57	1700	J N
	Unknown	8.60	880	J
	Unknown	8.72	1200	J
55045-08-4	Dodecane, 2-methyl-6-propyl-	8.81	1400	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.84	4300	J N
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	9.18	940	J N
	Unknown	9.41	890	J

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-WT**

Lab Sample ID: 460-72174-17 Date Sampled: 03/06/2014 1150
Client Matrix: Solid % Moisture: 11.4 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94420.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/11/2014 1101			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		50	U	50	370
2-Chlorophenol		49	U	49	370
2-Methylphenol		64	U	64	370
4-Methylphenol		73	U	73	370
Benzaldehyde		44	U	44	370
Acetophenone		57	U	57	370
Bis(2-chloroethyl)ether		5.1	U	5.1	37
2,2'-oxybis[1-chloropropane]		41	U	41	370
N-Nitrosodi-n-propylamine		6.2	U	6.2	37
Nitrobenzene		5.3	U *	5.3	37
Hexachloroethane		4.1	U	4.1	37
Isophorone		45	U	45	370
2-Nitrophenol		42	U	42	370
2,4-Dimethylphenol		92	U	92	370
2,4-Dichlorophenol		55	U	55	370
Bis(2-chloroethoxy)methane		48	U	48	370
Naphthalene		43	U	43	370
4-Chloroaniline		99	U	99	370
Hexachlorobutadiene		9.1	U	9.1	76
Caprolactam		86	U	86	370
4-Chloro-3-methylphenol		56	U	56	370
2-Methylnaphthalene		48	U	48	370
Hexachlorobenzene		5.1	U	5.1	37
Hexachlorocyclopentadiene		44	U	44	370
2,4,6-Trichlorophenol		44	U	44	370
2,4,5-Trichlorophenol		48	U	48	370
Diphenyl		50	U	50	370
2-Chloronaphthalene		42	U	42	370
2-Nitroaniline		160	U	160	370
2,6-Dinitrotoluene		11	U	11	76
Dimethyl phthalate		44	U	44	370
Acenaphthylene		44	U	44	370
3-Nitroaniline		130	U	130	370
Acenaphthene		54	U	54	370
4-Nitrophenol		240	U	240	370
2,4-Dinitrophenol		210	U	210	760
Dibenzofuran		44	U	44	370
Diethyl phthalate		44	U	44	370
Fluorene		48	U	48	370
Fluoranthene		50	U	50	370
Di-n-butyl phthalate		46	U	46	370
2,4-Dinitrotoluene		12	U	12	76
4-Chlorophenyl phenyl ether		44	U	44	370
4-Nitroaniline		120	U	120	760
4,6-Dinitro-2-methylphenol		100	U	100	760
4-Bromophenyl phenyl ether		37	U	37	370

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-WT**

Lab Sample ID: 460-72174-17 Date Sampled: 03/06/2014 1150
Client Matrix: Solid % Moisture: 11.4 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94420.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/11/2014 1101			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		58	U	58	370
Anthracene		45	U	45	370
Carbazole		44	U	44	370
Phenanthrene		47	U	47	370
Pentachlorophenol		110	U	110	760
Pyrene		93	J	31	370
Chrysene		44	U	44	370
Benzo[k]fluoranthene		2.8	U	2.8	37
Benzo[g,h,i]perylene		28	U	28	370
Benzo[b]fluoranthene		2.4	U	2.4	37
Benzo[a]pyrene		2.6	U	2.6	37
Benzo[a]anthracene		2.6	U	2.6	37
N-Nitrosodiphenylamine		37	U	37	370
Butyl benzyl phthalate		34	U	34	370
Bis(2-ethylhexyl) phthalate		120	U	120	370
Di-n-octyl phthalate		24	U	24	370
Indeno[1,2,3-cd]pyrene		6.9	U	6.9	37
Dibenz(a,h)anthracene		4.7	U	4.7	37
3,3'-Dichlorobenzidine		130	U	130	370
1,2,4,5-Tetrachlorobenzene		50	U	50	370
2,3,4,6-Tetrachlorophenol		48	U	48	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	54		40 - 106
Phenol-d5	68		44 - 104
Terphenyl-d14	91		41 - 145
2,4,6-Tribromophenol	112		19 - 114
2-Fluorophenol	56		39 - 103
2-Fluorobiphenyl	86		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-WT**

Lab Sample ID: 460-72174-17 Date Sampled: 03/06/2014 1150
Client Matrix: Solid % Moisture: 11.4 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94420.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/11/2014 1101			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
629-59-4	Tetradecane	6.89	5600	J N
	Unknown	7.16	3000	J
55045-07-3	Dodecane, 2-methyl-8-propyl-	7.21	8500	J N
629-62-9	Pentadecane	7.42	4200	J N
17312-62-8	Decane, 5-propyl-	7.64	3100	J N
	Unknown alkane	7.73	4400	J
544-76-3	Hexadecane	7.91	4300	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.14	10000	J N
	Unknown	8.21	3400	J
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.41	24000	J N
	Unknown	8.44	3400	J
31295-56-4	Dodecane, 2,6,11-trimethyl-	8.57	4900	J N
	Unknown	8.61	3200	J
	Unknown	8.70	4400	J
31295-56-4	Dodecane, 2,6,11-trimethyl-	8.85	14000	J N
54833-23-7	Eicosane, 10-methyl-	9.19	3900	J N
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	9.27	7600	J N
41464-41-9	1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	9.53	3700	J N
52663-58-8	1,1'-Biphenyl, 2,3,4',6-tetrachloro-	10.16	4100	J N
	Unknown	10.58	4800	J

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-SI**

Lab Sample ID: 460-72174-18 Date Sampled: 03/06/2014 1155
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94421.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/11/2014 1124			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		51	U	51	380
2-Chlorophenol		50	U	50	380
2-Methylphenol		65	U	65	380
4-Methylphenol		75	U	75	380
Benzaldehyde		45	U	45	380
Acetophenone		58	U	58	380
Bis(2-chloroethyl)ether		5.2	U	5.2	38
2,2'-oxybis[1-chloropropane]		42	U	42	380
N-Nitrosodi-n-propylamine		6.3	U	6.3	38
Nitrobenzene		5.4	U *	5.4	38
Hexachloroethane		4.2	U	4.2	38
Isophorone		46	U	46	380
2-Nitrophenol		42	U	42	380
2,4-Dimethylphenol		93	U	93	380
2,4-Dichlorophenol		55	U	55	380
Bis(2-chloroethoxy)methane		49	U	49	380
Naphthalene		44	U	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.2	U	9.2	77
Caprolactam		87	U	87	380
4-Chloro-3-methylphenol		57	U	57	380
2-Methylnaphthalene		49	U	49	380
Hexachlorobenzene		5.2	U	5.2	38
Hexachlorocyclopentadiene		45	U	45	380
2,4,6-Trichlorophenol		44	U	44	380
2,4,5-Trichlorophenol		49	U	49	380
Diphenyl		51	U	51	380
2-Chloronaphthalene		42	U	42	380
2-Nitroaniline		160	U	160	770
2,6-Dinitrotoluene		11	U	11	77
Dimethyl phthalate		45	U	45	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		130	U	130	770
Acenaphthene		55	U	55	380
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		220	U	220	1100
Dibenzofuran		44	U	44	380
Diethyl phthalate		45	U	45	380
Fluorene		48	U	48	380
Fluoranthene		51	U	51	380
Di-n-butyl phthalate		47	U	47	380
2,4-Dinitrotoluene		12	U	12	77
4-Chlorophenyl phenyl ether		44	U	44	380
4-Nitroaniline		120	U	120	770
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		38	U	38	380

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-SI**

Lab Sample ID: 460-72174-18 Date Sampled: 03/06/2014 1155
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94421.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/11/2014 1124			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		59	U	59	380
Anthracene		46	U	46	380
Carbazole		45	U	45	380
Phenanthrene		48	U	48	380
Pentachlorophenol		110	U	110	1100
Pyrene		32	U	32	380
Chrysene		44	U	44	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.6	U	2.6	38
N-Nitrosodiphenylamine		37	U	37	380
Butyl benzyl phthalate		35	U	35	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		24	U	24	380
Indeno[1,2,3-cd]pyrene		7.0	U	7.0	38
Dibenz(a,h)anthracene		4.8	U	4.8	38
3,3'-Dichlorobenzidine		130	U	130	770
1,2,4,5-Tetrachlorobenzene		51	U	51	380
2,3,4,6-Tetrachlorophenol		49	U	49	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	53		40 - 106
Phenol-d5	71		44 - 104
Terphenyl-d14	108		41 - 145
2,4,6-Tribromophenol	101		19 - 114
2-Fluorophenol	56		39 - 103
2-Fluorobiphenyl	66		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-SI**

Lab Sample ID: 460-72174-18 Date Sampled: 03/06/2014 1155
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94421.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/11/2014 1124			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-VS**

Lab Sample ID: 460-72174-19 Date Sampled: 03/06/2014 1225
Client Matrix: Solid % Moisture: 6.6 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211922	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94456.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/12/2014 0224			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		60	U	60	350
4-Methylphenol		70	U	70	350
Benzaldehyde		42	U	42	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.9	U	5.9	35
Nitrobenzene		5.0	U *	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		43	U	43	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		87	U	87	350
2,4-Dichlorophenol		52	U	52	350
Bis(2-chloroethoxy)methane		46	U	46	350
Naphthalene		41	U	41	350
4-Chloroaniline		94	U	94	350
Hexachlorobutadiene		8.6	U	8.6	72
Caprolactam		81	U	81	350
4-Chloro-3-methylphenol		53	U	53	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		42	U	42	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		46	U	46	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	720
2,6-Dinitrotoluene		11	U	11	72
Dimethyl phthalate		42	U	42	350
Acenaphthylene		42	U	42	350
3-Nitroaniline		120	U	120	720
Acenaphthene		51	U	51	350
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		41	U	41	350
Diethyl phthalate		42	U	42	350
Fluorene		45	U	45	350
Fluoranthene		47	U	47	350
Di-n-butyl phthalate		44	U	44	350
2,4-Dinitrotoluene		12	U	12	72
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	720
4,6-Dinitro-2-methylphenol		96	U	96	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-VS**

Lab Sample ID: 460-72174-19 Date Sampled: 03/06/2014 1225
Client Matrix: Solid % Moisture: 6.6 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211922	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94456.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/12/2014 0224			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		55	U	55	350
Anthracene		43	U	43	350
Carbazole		42	U	42	350
Phenanthrene		45	U	45	350
Pentachlorophenol		110	U	110	1100
Pyrene		30	U	30	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.7	U	2.7	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.5	U	2.5	35
N-Nitrosodiphenylamine		35	U	35	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		23	U	23	350
Indeno[1,2,3-cd]pyrene		6.6	U	6.6	35
Dibenz(a,h)anthracene		4.5	U	4.5	35
3,3'-Dichlorobenzidine		120	U	120	720
1,2,4,5-Tetrachlorobenzene		48	U	48	350
2,3,4,6-Tetrachlorophenol		46	U	46	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	46		40 - 106
Phenol-d5	69		44 - 104
Terphenyl-d14	94		41 - 145
2,4,6-Tribromophenol	70		19 - 114
2-Fluorophenol	57		39 - 103
2-Fluorobiphenyl	65		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-VS**

Lab Sample ID: 460-72174-19 Date Sampled: 03/06/2014 1225
Client Matrix: Solid % Moisture: 6.6 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211922	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94456.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/12/2014 0224			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 18**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown alkane	6.85	370	J
	Unknown alkane	7.18	400	J
	Unknown alkane	7.88	350	J
13029-08-8	1,1'-Biphenyl, 2,2'-dichloro-	8.07	690	J N
	Unknown alkane	8.33	690	J
16605-91-7	1,1'-Biphenyl, 2,3-dichloro-	8.40	320	J N
2050-68-2	1,1'-Biphenyl, 4,4'-dichloro-	8.46	1300	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.82	2300	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.98	930	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	9.15	600	J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	9.23	2200	J N
35693-92-6	1,1'-Biphenyl, 2,4,6-trichloro-	9.31	1000	J N
38444-85-8	1,1'-Biphenyl, 2,3,4'-Trichloro-	9.40	630	J N
52663-59-9	1,1'-Biphenyl, 2,2',3,4-tetrachloro-	9.50	1400	J N
35693-92-6	1,1'-Biphenyl, 2,4,6-trichloro-	9.66	950	J N
33284-52-5	1,1'-Biphenyl, 3,3',5,5'-tetrachloro-	9.77	490	J N
41464-49-7	1,1'-Biphenyl, 2,3,3',5'-tetrachloro-	9.99	1300	J N
41464-40-8	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	10.14	620	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-VD**

Lab Sample ID: 460-72174-20 Date Sampled: 03/06/2014 1230
Client Matrix: Solid % Moisture: 12.2 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211922	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94453.D
Dilution:	20			Initial Weight/Volume:	15.02 g
Analysis Date:	03/12/2014 0116	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		1000	U	1000	7500
2-Chlorophenol		990	U	990	7500
2-Methylphenol		1300	U	1300	7500
4-Methylphenol		1500	U	1500	7500
Benzaldehyde		890	U	890	7500
Acetophenone		1200	U	1200	7500
Bis(2-chloroethyl)ether		100	U	100	750
2,2'-oxybis[1-chloropropane]		830	U	830	7500
N-Nitrosodi-n-propylamine		130	U	130	750
Nitrobenzene		110	U *	110	750
Hexachloroethane		84	U	84	750
Isophorone		910	U	910	7500
2-Nitrophenol		840	U	840	7500
2,4-Dimethylphenol		1900	U	1900	7500
2,4-Dichlorophenol		1100	U	1100	7500
Bis(2-chloroethoxy)methane		970	U	970	7500
Naphthalene		18000	D	870	7500
4-Chloroaniline		2000	U	2000	7500
Hexachlorobutadiene		180	U	180	1500
Caprolactam		1700	U	1700	7500
4-Chloro-3-methylphenol		1100	U	1100	7500
2-Methylnaphthalene		42000	D	970	7500
Hexachlorobenzene		100	U	100	750
Hexachlorocyclopentadiene		890	U	890	7500
2,4,6-Trichlorophenol		880	U	880	7500
2,4,5-Trichlorophenol		970	U	970	7500
Diphenyl		8400	D	1000	7500
2-Chloronaphthalene		840	U	840	7500
2-Nitroaniline		3100	U	3100	15000
2,6-Dinitrotoluene		230	U	230	1500
Dimethyl phthalate		890	U	890	7500
Acenaphthylene		890	U	890	7500
3-Nitroaniline		2700	U	2700	15000
Acenaphthene		2400	J D	1100	7500
4-Nitrophenol		4800	U	4800	23000
2,4-Dinitrophenol		4300	U	4300	23000
Dibenzofuran		1300	J D	880	7500
Diethyl phthalate		900	U	900	7500
Fluorene		1100	J D	960	7500
Fluoranthene		1000	U	1000	7500
Di-n-butyl phthalate		930	U	930	7500
2,4-Dinitrotoluene		250	U	250	1500
4-Chlorophenyl phenyl ether		880	U	880	7500
4-Nitroaniline		2300	U	2300	15000
4,6-Dinitro-2-methylphenol		2100	U	2100	23000
4-Bromophenyl phenyl ether		750	U	750	7500

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-VD**

Lab Sample ID: 460-72174-20 Date Sampled: 03/06/2014 1230
Client Matrix: Solid % Moisture: 12.2 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211922	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94453.D
Dilution:	20			Initial Weight/Volume:	15.02 g
Analysis Date:	03/12/2014 0116	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		1200	U	1200	7500
Anthracene		910	U	910	7500
Carbazole		890	U	890	7500
Phenanthrene		1100	J D	960	7500
Pentachlorophenol		2200	U	2200	23000
Pyrene		630	U	630	7500
Chrysene		880	U	880	7500
Benzo[k]fluoranthene		57	U	57	750
Benzo[g,h,i]perylene		560	U	560	7500
Benzo[b]fluoranthene		48	U	48	750
Benzo[a]pyrene		53	U	53	750
Benzo[a]anthracene		53	U	53	750
N-Nitrosodiphenylamine		740	U	740	7500
Butyl benzyl phthalate		690	U	690	7500
Bis(2-ethylhexyl) phthalate		2500	U	2500	7500
Di-n-octyl phthalate		480	U	480	7500
Indeno[1,2,3-cd]pyrene		140	U	140	750
Dibenz(a,h)anthracene		95	U	95	750
3,3'-Dichlorobenzidine		2600	U	2600	15000
1,2,4,5-Tetrachlorobenzene		1800	J D	1000	7500
2,3,4,6-Tetrachlorophenol		980	U	980	7500

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	0	D	40 - 106
Phenol-d5	0	D	44 - 104
Terphenyl-d14	0	D	41 - 145
2,4,6-Tribromophenol	0	D	19 - 114
2-Fluorophenol	0	D	39 - 103
2-Fluorobiphenyl	0	D	49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-VD**

Lab Sample ID: 460-72174-20 Date Sampled: 03/06/2014 1230
Client Matrix: Solid % Moisture: 12.2 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211922	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211603	Lab File ID:	U94453.D
Dilution:	20			Initial Weight/Volume:	15.02 g
Analysis Date:	03/12/2014 0116	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 18**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
88-73-3	Benzene, 1-chloro-2-nitro-	6.08	420000	D J N
99-54-7	Benzene, 1,2-dichloro-4-nitro-	6.90	110000	D J N
13029-08-8	1,1'-Biphenyl, 2,2'-dichloro-	8.09	190000	D J N
16605-91-7	1,1'-Biphenyl, 2,3-dichloro-	8.32	7400	D J N
16605-91-7	1,1'-Biphenyl, 2,3-dichloro-	8.41	7800	D J N
2050-67-1	1,1'-Biphenyl, 3,3'-dichloro-	8.49	33000	D J N
55702-46-0	1,1'-Biphenyl, 2,3,4-trichloro-	8.86	560000	D J N
15862-07-4	1,1'-Biphenyl, 2,4,5-trichloro-	9.02	23000	D J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	9.16	11000	D J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	9.26	48000	D J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	9.34	27000	D J N
38444-81-4	1,1'-Biphenyl, 2,3',5-trichloro-	9.40	18000	D J N
33284-52-5	1,1'-Biphenyl, 3,3',5,5'-tetrachloro-	9.52	34000	D J N
2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	9.68	20000	D J N
32598-12-2	1,1'-Biphenyl, 2,4,4',6-tetrachloro-	9.79	26000	D J N
33025-41-1	1,1'-Biphenyl, 2,3,4,4'-tetrachloro-	10.04	38000	D J N
32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	10.16	18000	D J N
32598-14-4	1,1'-Biphenyl, 2,3,3',4,4'-pentachloro-	10.47	290000	D J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-SD**

Lab Sample ID: 460-72174-21 Date Sampled: 03/06/2014 1530
Client Matrix: Solid % Moisture: 18.6 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147867.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/11/2014 1941			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		54	U	54	400
2-Chlorophenol		53	U	53	400
2-Methylphenol		69	U	69	400
4-Methylphenol		80	U	80	400
Benzaldehyde		48	U	48	400
Acetophenone		62	U	62	400
Bis(2-chloroethyl)ether		5.5	U	5.5	40
2,2'-oxybis[1-chloropropane]		45	U	45	400
N-Nitrosodi-n-propylamine		6.8	U	6.8	40
Nitrobenzene		5.8	U *	5.8	40
Hexachloroethane		4.5	U	4.5	40
Isophorone		49	U	49	400
2-Nitrophenol		45	U	45	400
2,4-Dimethylphenol		100	U	100	400
2,4-Dichlorophenol		59	U	59	400
Bis(2-chloroethoxy)methane		52	U	52	400
Naphthalene		47	U	47	400
4-Chloroaniline		110	U	110	400
Hexachlorobutadiene		9.9	U	9.9	82
Caprolactam		93	U	93	400
4-Chloro-3-methylphenol		61	U	61	400
2-Methylnaphthalene		52	U	52	400
Hexachlorobenzene		5.5	U	5.5	40
Hexachlorocyclopentadiene		48	U	48	400
2,4,6-Trichlorophenol		47	U	47	400
2,4,5-Trichlorophenol		52	U	52	400
Diphenyl		54	U	54	400
2-Chloronaphthalene		45	U	45	400
2-Nitroaniline		170	U	170	400
2,6-Dinitrotoluene		12	U	12	82
Dimethyl phthalate		48	U	48	400
Acenaphthylene		48	U	48	400
3-Nitroaniline		140	U	140	400
Acenaphthene		59	U	59	400
4-Nitrophenol		260	U	260	400
2,4-Dinitrophenol		230	U	230	820
Dibenzofuran		48	U	48	400
Diethyl phthalate		48	U	48	400
Fluorene		52	U	52	400
Fluoranthene		54	U	54	400
Di-n-butyl phthalate		50	U	50	400
2,4-Dinitrotoluene		13	U	13	82
4-Chlorophenyl phenyl ether		48	U	48	400
4-Nitroaniline		130	U	130	820
4,6-Dinitro-2-methylphenol		110	U	110	820
4-Bromophenyl phenyl ether		40	U	40	400

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-SD**

Lab Sample ID: 460-72174-21 Date Sampled: 03/06/2014 1530
Client Matrix: Solid % Moisture: 18.6 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147867.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/11/2014 1941			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		63	U	63	400
Anthracene		49	U	49	400
Carbazole		48	U	48	400
Phenanthrene		52	U	52	400
Pentachlorophenol		120	U	120	820
Pyrene		34	U	34	400
Chrysene		47	U	47	400
Benzo[k]fluoranthene		3.1	U	3.1	40
Benzo[g,h,i]perylene		30	U	30	400
Benzo[b]fluoranthene		2.6	U	2.6	40
Benzo[a]pyrene		2.9	U	2.9	40
Benzo[a]anthracene		2.8	U	2.8	40
N-Nitrosodiphenylamine		40	U	40	400
Butyl benzyl phthalate		37	U	37	400
Bis(2-ethylhexyl) phthalate		130	U	130	400
Di-n-octyl phthalate		26	U	26	400
Indeno[1,2,3-cd]pyrene		7.5	U	7.5	40
Dibenz(a,h)anthracene		5.1	U	5.1	40
3,3'-Dichlorobenzidine		140	U	140	400
1,2,4,5-Tetrachlorobenzene		55	U	55	400
2,3,4,6-Tetrachlorophenol		53	U	53	400

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	88		40 - 106
Phenol-d5	84		44 - 104
Terphenyl-d14	102		41 - 145
2,4,6-Tribromophenol	87		19 - 114
2-Fluorophenol	81		39 - 103
2-Fluorobiphenyl	91		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-SD**

Lab Sample ID: 460-72174-21 Date Sampled: 03/06/2014 1530
Client Matrix: Solid % Moisture: 18.6 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147867.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/11/2014 1941			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	11.14	470	J

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-WT**

Lab Sample ID: 460-72174-22 Date Sampled: 03/06/2014 1615
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212260	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147923.D
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/13/2014 0822			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		250	U	250	1900
2-Chlorophenol		250	U	250	1900
2-Methylphenol		320	U	320	1900
4-Methylphenol		370	U	370	1900
Benzaldehyde		220	U	220	1900
Acetophenone		290	U	290	1900
Bis(2-chloroethyl)ether		26	U	26	190
2,2'-oxybis[1-chloropropane]		210	U	210	1900
N-Nitrosodi-n-propylamine		32	U	32	190
Nitrobenzene		27	U *	27	190
Hexachloroethane		21	U	21	190
Isophorone		230	U	230	1900
2-Nitrophenol		210	U	210	1900
2,4-Dimethylphenol		470	U	470	1900
2,4-Dichlorophenol		280	U	280	1900
Bis(2-chloroethoxy)methane		250	U	250	1900
Naphthalene		220	U	220	1900
4-Chloroaniline		500	U	500	1900
Hexachlorobutadiene		46	U	46	380
Caprolactam		440	U	440	1900
4-Chloro-3-methylphenol		290	U	290	1900
2-Methylnaphthalene		240	U	240	1900
Hexachlorobenzene		26	U	26	190
Hexachlorocyclopentadiene		220	U	220	1900
2,4,6-Trichlorophenol		220	U	220	1900
2,4,5-Trichlorophenol		250	U	250	1900
Diphenyl		250	U	250	1900
2-Chloronaphthalene		210	U	210	1900
2-Nitroaniline		790	U	790	1900
2,6-Dinitrotoluene		57	U	57	380
Dimethyl phthalate		230	U	230	1900
Acenaphthylene		220	U	220	1900
3-Nitroaniline		670	U	670	1900
Acenaphthene		280	U	280	1900
4-Nitrophenol		1200	U	1200	1900
2,4-Dinitrophenol		1100	U	1100	3800
Dibenzofuran		220	U	220	1900
Diethyl phthalate		230	U	230	1900
Fluorene		240	U	240	1900
Fluoranthene		250	U	250	1900
Di-n-butyl phthalate		230	U	230	1900
2,4-Dinitrotoluene		63	U	63	380
4-Chlorophenyl phenyl ether		220	U	220	1900
4-Nitroaniline		590	U	590	3800
4,6-Dinitro-2-methylphenol		520	U	520	3800
4-Bromophenyl phenyl ether		190	U	190	1900

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-WT**

Lab Sample ID: 460-72174-22 Date Sampled: 03/06/2014 1615
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212260	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147923.D
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/13/2014 0822			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		290	U	290	1900
Anthracene		230	U	230	1900
Carbazole		220	U	220	1900
Phenanthrene		240	U	240	1900
Pentachlorophenol		570	U	570	3800
Pyrene		250	J	160	1900
Chrysene		220	U	220	1900
Benzo[k]fluoranthene		14	U	14	190
Benzo[g,h,i]perylene		140	U	140	1900
Benzo[b]fluoranthene		12	U	12	190
Benzo[a]pyrene		13	U	13	190
Benzo[a]anthracene		13	U	13	190
N-Nitrosodiphenylamine		190	U	190	1900
Butyl benzyl phthalate		170	U	170	1900
Bis(2-ethylhexyl) phthalate		630	U	630	1900
Di-n-octyl phthalate		120	U	120	1900
Indeno[1,2,3-cd]pyrene		35	U	35	190
Dibenz(a,h)anthracene		24	U	24	190
3,3'-Dichlorobenzidine		670	U	670	1900
1,2,4,5-Tetrachlorobenzene		260	U	260	1900
2,3,4,6-Tetrachlorophenol		250	U	250	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	74		40 - 106
Phenol-d5	63		44 - 104
Terphenyl-d14	83		41 - 145
2,4,6-Tribromophenol	35		19 - 114
2-Fluorophenol	60		39 - 103
2-Fluorobiphenyl	83		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-WT**

Lab Sample ID: 460-72174-22 Date Sampled: 03/06/2014 1615
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212260	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147923.D
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/13/2014 0822			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown alkane	6.25	3400	J
	Unknown alkane	6.57	7800	J
	Unknown	6.69	3500	J
2245-38-7	Naphthalene, 1,6,7-trimethyl-	7.00	3500	J N
2245-38-7	Naphthalene, 1,6,7-trimethyl-	7.04	4600	J N
	Unknown alkane	7.10	10000	J
	Unknown alkane	7.22	3000	J
	Unknown alkane	7.28	19000	J
	Unknown alkane	7.50	15000	J
	Unknown alkane	7.77	37000	J
	Unknown alkane	7.94	4900	J
	Unknown	8.03	2900	J
	Unknown alkane	8.19	16000	J
	Unknown alkane	8.37	5000	J
	Unknown alkane	8.61	14000	J
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.67	4600	J N
	Unknown alkane	8.77	3900	J
2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	8.87	4900	J N
	Unknown alkane	9.01	5000	J
	Unknown alkane	9.38	5700	J

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-SI**

Lab Sample ID: 460-72174-23 Date Sampled: 03/06/2014 1620
Client Matrix: Solid % Moisture: 10.3 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147868.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/11/2014 2006			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		49	U	49	370
2-Chlorophenol		48	U	48	370
2-Methylphenol		63	U	63	370
4-Methylphenol		72	U	72	370
Benzaldehyde		43	U	43	370
Acetophenone		56	U	56	370
Bis(2-chloroethyl)ether		5.0	U	5.0	37
2,2'-oxybis[1-chloropropane]		41	U	41	370
N-Nitrosodi-n-propylamine		6.1	U	6.1	37
Nitrobenzene		5.2	U *	5.2	37
Hexachloroethane		4.1	U	4.1	37
Isophorone		45	U	45	370
2-Nitrophenol		41	U	41	370
2,4-Dimethylphenol		91	U	91	370
2,4-Dichlorophenol		54	U	54	370
Bis(2-chloroethoxy)methane		47	U	47	370
Naphthalene		43	U	43	370
4-Chloroaniline		97	U	97	370
Hexachlorobutadiene		9.0	U	9.0	75
Caprolactam		85	U	85	370
4-Chloro-3-methylphenol		55	U	55	370
2-Methylnaphthalene		47	U	47	370
Hexachlorobenzene		5.0	U	5.0	37
Hexachlorocyclopentadiene		43	U	43	370
2,4,6-Trichlorophenol		43	U	43	370
2,4,5-Trichlorophenol		47	U	47	370
Diphenyl		49	U	49	370
2-Chloronaphthalene		41	U	41	370
2-Nitroaniline		150	U	150	370
2,6-Dinitrotoluene		11	U	11	75
Dimethyl phthalate		44	U	44	370
Acenaphthylene		43	U	43	370
3-Nitroaniline		130	U	130	370
Acenaphthene		54	U	54	370
4-Nitrophenol		240	U	240	370
2,4-Dinitrophenol		210	U	210	750
Dibenzofuran		43	U	43	370
Diethyl phthalate		44	U	44	370
Fluorene		47	U	47	370
Fluoranthene		49	U	49	370
Di-n-butyl phthalate		45	U	45	370
2,4-Dinitrotoluene		12	U	12	75
4-Chlorophenyl phenyl ether		43	U	43	370
4-Nitroaniline		110	U	110	750
4,6-Dinitro-2-methylphenol		100	U	100	750
4-Bromophenyl phenyl ether		36	U	36	370

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-SI**

Lab Sample ID: 460-72174-23 Date Sampled: 03/06/2014 1620
Client Matrix: Solid % Moisture: 10.3 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147868.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/11/2014 2006			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		57	U	57	370
Anthracene		45	U	45	370
Carbazole		43	U	43	370
Phenanthrene		47	U	47	370
Pentachlorophenol		110	U	110	750
Pyrene		31	U	31	370
Chrysene		43	U	43	370
Benzo[k]fluoranthene		2.8	U	2.8	37
Benzo[g,h,i]perylene		27	U	27	370
Benzo[b]fluoranthene		2.3	U	2.3	37
Benzo[a]pyrene		2.6	U	2.6	37
Benzo[a]anthracene		2.6	U	2.6	37
N-Nitrosodiphenylamine		36	U	36	370
Butyl benzyl phthalate		34	U	34	370
Bis(2-ethylhexyl) phthalate		120	U	120	370
Di-n-octyl phthalate		23	U	23	370
Indeno[1,2,3-cd]pyrene		6.8	U	6.8	37
Dibenz(a,h)anthracene		4.6	U	4.6	37
3,3'-Dichlorobenzidine		130	U	130	370
1,2,4,5-Tetrachlorobenzene		49	U	49	370
2,3,4,6-Tetrachlorophenol		48	U	48	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	91		40 - 106
Phenol-d5	83		44 - 104
Terphenyl-d14	97		41 - 145
2,4,6-Tribromophenol	88		19 - 114
2-Fluorophenol	81		39 - 103
2-Fluorobiphenyl	93		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-SI**

Lab Sample ID: 460-72174-23 Date Sampled: 03/06/2014 1620
Client Matrix: Solid % Moisture: 10.3 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147868.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/11/2014 2006			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-SD**

Lab Sample ID: 460-72174-24 Date Sampled: 03/06/2014 1625
Client Matrix: Solid % Moisture: 18.6 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147871.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/11/2014 2120			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		54	U	54	400
2-Chlorophenol		53	U	53	400
2-Methylphenol		69	U	69	400
4-Methylphenol		80	U	80	400
Benzaldehyde		48	U	48	400
Acetophenone		62	U	62	400
Bis(2-chloroethyl)ether		5.5	U	5.5	40
2,2'-oxybis[1-chloropropane]		45	U	45	400
N-Nitrosodi-n-propylamine		6.8	U	6.8	40
Nitrobenzene		5.8	U *	5.8	40
Hexachloroethane		4.5	U	4.5	40
Isophorone		49	U	49	400
2-Nitrophenol		45	U	45	400
2,4-Dimethylphenol		100	U	100	400
2,4-Dichlorophenol		59	U	59	400
Bis(2-chloroethoxy)methane		52	U	52	400
Naphthalene		47	U	47	400
4-Chloroaniline		110	U	110	400
Hexachlorobutadiene		9.9	U	9.9	82
Caprolactam		93	U	93	400
4-Chloro-3-methylphenol		61	U	61	400
2-Methylnaphthalene		74	J	52	400
Hexachlorobenzene		5.5	U	5.5	40
Hexachlorocyclopentadiene		48	U	48	400
2,4,6-Trichlorophenol		47	U	47	400
2,4,5-Trichlorophenol		52	U	52	400
Diphenyl		54	U	54	400
2-Chloronaphthalene		45	U	45	400
2-Nitroaniline		170	U	170	400
2,6-Dinitrotoluene		12	U	12	82
Dimethyl phthalate		48	U	48	400
Acenaphthylene		48	U	48	400
3-Nitroaniline		140	U	140	400
Acenaphthene		59	U	59	400
4-Nitrophenol		260	U	260	400
2,4-Dinitrophenol		230	U	230	820
Dibenzofuran		48	U	48	400
Diethyl phthalate		48	U	48	400
Fluorene		52	U	52	400
Fluoranthene		54	U	54	400
Di-n-butyl phthalate		50	U	50	400
2,4-Dinitrotoluene		13	U	13	82
4-Chlorophenyl phenyl ether		48	U	48	400
4-Nitroaniline		130	U	130	820
4,6-Dinitro-2-methylphenol		110	U	110	820
4-Bromophenyl phenyl ether		40	U	40	400

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-SD**

Lab Sample ID: 460-72174-24 Date Sampled: 03/06/2014 1625
Client Matrix: Solid % Moisture: 18.6 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147871.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/11/2014 2120			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		63	U	63	400
Anthracene		49	U	49	400
Carbazole		48	U	48	400
Phenanthrene		52	U	52	400
Pentachlorophenol		120	U	120	820
Pyrene		34	U	34	400
Chrysene		47	U	47	400
Benzo[k]fluoranthene		3.1	U	3.1	40
Benzo[g,h,i]perylene		30	U	30	400
Benzo[b]fluoranthene		2.6	U	2.6	40
Benzo[a]pyrene		2.9	U	2.9	40
Benzo[a]anthracene		2.8	U	2.8	40
N-Nitrosodiphenylamine		40	U	40	400
Butyl benzyl phthalate		37	U	37	400
Bis(2-ethylhexyl) phthalate		130	U	130	400
Di-n-octyl phthalate		26	U	26	400
Indeno[1,2,3-cd]pyrene		7.5	U	7.5	40
Dibenz(a,h)anthracene		5.1	U	5.1	40
3,3'-Dichlorobenzidine		140	U	140	400
1,2,4,5-Tetrachlorobenzene		55	U	55	400
2,3,4,6-Tetrachlorophenol		53	U	53	400

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	93		40 - 106
Phenol-d5	85		44 - 104
Terphenyl-d14	85		41 - 145
2,4,6-Tribromophenol	93		19 - 114
2-Fluorophenol	83		39 - 103
2-Fluorobiphenyl	100		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-SD**

Lab Sample ID: 460-72174-24 Date Sampled: 03/06/2014 1625
Client Matrix: Solid % Moisture: 18.6 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147871.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/11/2014 2120			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 18**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
88-73-3	Benzene, 1-chloro-2-nitro-	5.39	1000	J N
	Unknown alkane	10.11	540	J
7098-21-7	Tritetracontane	10.84	1300	J N
112-95-8	Eicosane	11.22	840	J N
7098-22-8	Tetratetracontane	11.64	2900	J N
593-45-3	Octadecane	12.51	2900	J N
	Unknown	12.60	630	J
40710-42-7	1-Hentetracontanol	13.02	560	J N
7390-81-0	Oxirane, hexadecyl-	13.18	930	J N
593-49-7	Heptacosane	13.49	5500	J N
	Unknown	13.55	1100	J
	Unknown alkane	14.42	810	J
1599-67-3	1-Docosene	14.49	650	J N
	Unknown	14.54	480	J
	Unknown	14.69	430	J
638-95-9	.alpha.-Amyrin	15.10	550	J N
	Unknown	15.57	350	J
	Unknown	15.80	1200	J

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-VD**

Lab Sample ID: 460-72174-25 Date Sampled: 03/06/2014 1645
Client Matrix: Solid % Moisture: 5.1 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147872.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/11/2014 2144			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		59	U	59	350
4-Methylphenol		69	U	69	350
Benzaldehyde		41	U	41	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
Nitrobenzene		5.0	U *	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		42	U	42	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		86	U	86	350
2,4-Dichlorophenol		51	U	51	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		40	U	40	350
4-Chloroaniline		92	U	92	350
Hexachlorobutadiene		8.5	U	8.5	71
Caprolactam		80	U	80	350
4-Chloro-3-methylphenol		53	U	53	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		45	U	45	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	350
2,6-Dinitrotoluene		11	U	11	71
Dimethyl phthalate		41	U	41	350
Acenaphthylene		41	U	41	350
3-Nitroaniline		120	U	120	350
Acenaphthene		51	U	51	350
4-Nitrophenol		220	U	220	350
2,4-Dinitrophenol		200	U	200	710
Dibenzofuran		41	U	41	350
Diethyl phthalate		42	U	42	350
Fluorene		45	U	45	350
Fluoranthene		46	U	46	350
Di-n-butyl phthalate		43	U	43	350
2,4-Dinitrotoluene		11	U	11	71
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
4,6-Dinitro-2-methylphenol		95	U	95	710
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-VD**

Lab Sample ID: 460-72174-25 Date Sampled: 03/06/2014 1645
Client Matrix: Solid % Moisture: 5.1 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147872.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/11/2014 2144			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		54	U	54	350
Anthracene		42	U	42	350
Carbazole		41	U	41	350
Phenanthrene		44	U	44	350
Pentachlorophenol		100	U	100	710
Pyrene		29	U	29	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.6	U	2.6	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.4	U	2.4	35
N-Nitrosodiphenylamine		34	U	34	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		22	U	22	350
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Dibenz(a,h)anthracene		4.4	U	4.4	35
3,3'-Dichlorobenzidine		120	U	120	350
1,2,4,5-Tetrachlorobenzene		47	U	47	350
2,3,4,6-Tetrachlorophenol		45	U	45	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	91		40 - 106
Phenol-d5	84		44 - 104
Terphenyl-d14	90		41 - 145
2,4,6-Tribromophenol	90		19 - 114
2-Fluorophenol	81		39 - 103
2-Fluorobiphenyl	93		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-VD**

Lab Sample ID: 460-72174-25 Date Sampled: 03/06/2014 1645
Client Matrix: Solid % Moisture: 5.1 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147872.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/11/2014 2144			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 17**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
88-73-3	Benzene, 1-chloro-2-nitro-	5.39	310	J N
629-59-4	Tetradecane	6.25	310	J N
581-40-8	Naphthalene, 2,3-dimethyl-	6.41	420	J N
112-40-3	Dodecane	6.57	410	J N
629-73-2	1-Hexadecene	6.69	360	J N
941-81-1	Azulene, 4,6,8-trimethyl-	7.04	310	J N
	Unknown alkane	7.10	340	J
544-76-3	Hexadecane	7.27	330	J N
593-49-7	Heptacosane	7.50	400	J N
	Unknown	7.65	570	J
54105-67-8	Heptadecane, 2,6-dimethyl-	7.75	1800	J N
	Unknown	7.93	470	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.56	810	J N
38444-90-5	1,1'-Biphenyl, 3,4,4'-Trichloro-	8.77	430	J N
35693-99-3	1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	9.35	670	J N
	Unknown	9.87	570	J
511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,10-octa	10.25	710	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-WT**

Lab Sample ID: 460-72174-26 Date Sampled: 03/06/2014 1640
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212260	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147924.D
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/13/2014 0846			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		260	U	260	1900
2-Chlorophenol		250	U	250	1900
2-Methylphenol		330	U	330	1900
4-Methylphenol		380	U	380	1900
Benzaldehyde		220	U	220	1900
Acetophenone		290	U	290	1900
Bis(2-chloroethyl)ether		26	U	26	190
2,2'-oxybis[1-chloropropane]		210	U	210	1900
N-Nitrosodi-n-propylamine		32	U	32	190
Nitrobenzene		27	U *	27	190
Hexachloroethane		21	U	21	190
Isophorone		230	U	230	1900
2-Nitrophenol		210	U	210	1900
2,4-Dimethylphenol		470	U	470	1900
2,4-Dichlorophenol		280	U	280	1900
Bis(2-chloroethoxy)methane		250	U	250	1900
Naphthalene		220	U	220	1900
4-Chloroaniline		510	U	510	1900
Hexachlorobutadiene		47	U	47	390
Caprolactam		440	U	440	1900
4-Chloro-3-methylphenol		290	U	290	1900
2-Methylnaphthalene		250	U	250	1900
Hexachlorobenzene		26	U	26	190
Hexachlorocyclopentadiene		220	U	220	1900
2,4,6-Trichlorophenol		220	U	220	1900
2,4,5-Trichlorophenol		250	U	250	1900
Diphenyl		260	U	260	1900
2-Chloronaphthalene		210	U	210	1900
2-Nitroaniline		800	U	800	1900
2,6-Dinitrotoluene		58	U	58	390
Dimethyl phthalate		230	U	230	1900
Acenaphthylene		230	U	230	1900
3-Nitroaniline		680	U	680	1900
Acenaphthene		280	U	280	1900
4-Nitrophenol		1200	U	1200	1900
2,4-Dinitrophenol		1100	U	1100	3900
Dibenzofuran		220	U	220	1900
Diethyl phthalate		230	U	230	1900
Fluorene		240	U	240	1900
Fluoranthene		250	U	250	1900
Di-n-butyl phthalate		240	U	240	1900
2,4-Dinitrotoluene		63	U	63	390
4-Chlorophenyl phenyl ether		220	U	220	1900
4-Nitroaniline		590	U	590	3900
4,6-Dinitro-2-methylphenol		520	U	520	3900
4-Bromophenyl phenyl ether		190	U	190	1900

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-WT**

Lab Sample ID: 460-72174-26 Date Sampled: 03/06/2014 1640
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212260	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147924.D
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/13/2014 0846			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		290	U	290	1900
Anthracene		230	U	230	1900
Carbazole		230	U	230	1900
Phenanthrene		240	U	240	1900
Pentachlorophenol		570	U	570	3900
Pyrene		160	U	160	1900
Chrysene		220	U	220	1900
Benzo[k]fluoranthene		14	U	14	190
Benzo[g,h,i]perylene		140	U	140	1900
Benzo[b]fluoranthene		12	U	12	190
Benzo[a]pyrene		14	U	14	190
Benzo[a]anthracene		13	U	13	190
N-Nitrosodiphenylamine		190	U	190	1900
Butyl benzyl phthalate		170	U	170	1900
Bis(2-ethylhexyl) phthalate		630	U	630	1900
Di-n-octyl phthalate		120	U	120	1900
Indeno[1,2,3-cd]pyrene		35	U	35	190
Dibenz(a,h)anthracene		24	U	24	190
3,3'-Dichlorobenzidine		670	U	670	1900
1,2,4,5-Tetrachlorobenzene		260	U	260	1900
2,3,4,6-Tetrachlorophenol		250	U	250	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	92		40 - 106
Phenol-d5	83		44 - 104
Terphenyl-d14	100		41 - 145
2,4,6-Tribromophenol	61		19 - 114
2-Fluorophenol	79		39 - 103
2-Fluorobiphenyl	99		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-WT**

Lab Sample ID: 460-72174-26 Date Sampled: 03/06/2014 1640
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212260	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147924.D
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/13/2014 0846			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown alkane	6.57	7500	J
	Unknown alkane	7.04	7900	J
	Unknown alkane	7.10	3500	J
	Unknown alkane	7.28	11000	J
	Unknown	7.31	3200	J
	Unknown alkane	7.50	20000	J
	Unknown alkane	7.76	52000	J
	Unknown alkane	7.93	11000	J
	Unknown	8.06	11000	J
	Unknown alkane	8.18	38000	J
	Unknown alkane	8.36	6200	J
	Unknown alkane	8.56	3500	J
	Unknown alkane	8.61	17000	J
	Unknown	8.65	7800	J
	Unknown alkane	8.77	7000	J
	Unknown	8.90	6100	J
	Unknown alkane	9.01	9600	J
	Unknown alkane	9.15	3400	J
	Unknown alkane	9.28	3500	J
	Unknown alkane	9.38	4100	J

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-SI**

Lab Sample ID: 460-72174-27 Date Sampled: 03/06/2014 1650
Client Matrix: Solid % Moisture: 14.2 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147869.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/11/2014 2031			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		52	U	52	380
2-Chlorophenol		51	U	51	380
2-Methylphenol		66	U	66	380
4-Methylphenol		76	U	76	380
Benzaldehyde		45	U	45	380
Acetophenone		59	U	59	380
Bis(2-chloroethyl)ether		5.2	U	5.2	38
2,2'-oxybis[1-chloropropane]		43	U	43	380
N-Nitrosodi-n-propylamine		6.4	U	6.4	38
Nitrobenzene		5.5	U *	5.5	38
Hexachloroethane		4.3	U	4.3	38
Isophorone		47	U	47	380
2-Nitrophenol		43	U	43	380
2,4-Dimethylphenol		95	U	95	380
2,4-Dichlorophenol		56	U	56	380
Bis(2-chloroethoxy)methane		50	U	50	380
Naphthalene		45	U	45	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.4	U	9.4	78
Caprolactam		89	U	89	380
4-Chloro-3-methylphenol		58	U	58	380
2-Methylnaphthalene		49	U	49	380
Hexachlorobenzene		5.3	U	5.3	38
Hexachlorocyclopentadiene		45	U	45	380
2,4,6-Trichlorophenol		45	U	45	380
2,4,5-Trichlorophenol		50	U	50	380
Diphenyl		52	U	52	380
2-Chloronaphthalene		43	U	43	380
2-Nitroaniline		160	U	160	380
2,6-Dinitrotoluene		12	U	12	78
Dimethyl phthalate		46	U	46	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		140	U	140	380
Acenaphthene		56	U	56	380
4-Nitrophenol		250	U	250	380
2,4-Dinitrophenol		220	U	220	780
Dibenzofuran		45	U	45	380
Diethyl phthalate		46	U	46	380
Fluorene		49	U	49	380
Fluoranthene		51	U	51	380
Di-n-butyl phthalate		47	U	47	380
2,4-Dinitrotoluene		13	U	13	78
4-Chlorophenyl phenyl ether		45	U	45	380
4-Nitroaniline		120	U	120	780
4,6-Dinitro-2-methylphenol		100	U	100	780
4-Bromophenyl phenyl ether		38	U	38	380

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-SI**

Lab Sample ID: 460-72174-27 Date Sampled: 03/06/2014 1650
Client Matrix: Solid % Moisture: 14.2 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147869.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/11/2014 2031			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		59	U	59	380
Anthracene		47	U	47	380
Carbazole		45	U	45	380
Phenanthrene		49	U	49	380
Pentachlorophenol		110	U	110	780
Pyrene		32	U	32	380
Chrysene		45	U	45	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.7	U	2.7	38
N-Nitrosodiphenylamine		38	U	38	380
Butyl benzyl phthalate		35	U	35	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		25	U	25	380
Indeno[1,2,3-cd]pyrene		7.2	U	7.2	38
Dibenz(a,h)anthracene		4.8	U	4.8	38
3,3'-Dichlorobenzidine		130	U	130	380
1,2,4,5-Tetrachlorobenzene		52	U	52	380
2,3,4,6-Tetrachlorophenol		50	U	50	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	94		40 - 106
Phenol-d5	85		44 - 104
Terphenyl-d14	98		41 - 145
2,4,6-Tribromophenol	94		19 - 114
2-Fluorophenol	83		39 - 103
2-Fluorobiphenyl	94		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-SI**

Lab Sample ID: 460-72174-27 Date Sampled: 03/06/2014 1650
Client Matrix: Solid % Moisture: 14.2 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147869.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/11/2014 2031			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **2**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
2131-42-2	Naphthalene, 1,4,6-trimethyl-	7.04	330	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	7.75	460	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **FB-030614**

Lab Sample ID: 460-72174-28 Date Sampled: 03/06/2014 1815
Client Matrix: Water Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212257	Instrument ID:	CBNAMS11
Prep Method:	3510C	Prep Batch:	460-211622	Lab File ID:	z8787.D
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	03/13/2014 0651			Final Weight/Volume:	2 mL
Prep Date:	03/10/2014 0935			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	0.83	U	0.83	10
2-Chlorophenol	2.2	U	2.2	10
2-Methylphenol	1.8	U	1.8	10
4-Methylphenol	1.6	U	1.6	10
Benzaldehyde	2.0	U	2.0	10
Acetophenone	2.8	U	2.8	10
Bis(2-chloroethyl)ether	0.29	U	0.29	1.0
2,2'-oxybis[1-chloropropane]	2.0	U	2.0	10
N-Nitrosodi-n-propylamine	0.26	U	0.26	1.0
Nitrobenzene	0.31	U	0.31	1.0
Hexachloroethane	0.26	U	0.26	1.0
Isophorone	2.8	U	2.8	10
2-Nitrophenol	2.4	U	2.4	10
2,4-Dimethylphenol	3.5	U	3.5	10
2,4-Dichlorophenol	2.7	U	2.7	10
Bis(2-chloroethoxy)methane	2.7	U	2.7	10
Naphthalene	2.8	U	2.8	10
4-Chloroaniline	2.0	U	2.0	10
Hexachlorobutadiene	0.58	U	0.58	2.0
Caprolactam	2.6	U	2.6	10
4-Chloro-3-methylphenol	2.6	U	2.6	10
2-Methylnaphthalene	3.1	U	3.1	10
Hexachlorobenzene	0.30	U	0.30	1.0
Hexachlorocyclopentadiene	1.7	U	1.7	10
2,4,6-Trichlorophenol	2.4	U	2.4	10
2,4,5-Trichlorophenol	2.7	U	2.7	10
Diphenyl	2.9	U	2.9	10
2-Chloronaphthalene	2.8	U	2.8	10
2-Nitroaniline	5.0	U	5.0	10
2,6-Dinitrotoluene	0.62	U	0.62	2.0
Dimethyl phthalate	2.9	U	2.9	10
Acenaphthylene	2.8	U	2.8	10
3-Nitroaniline	5.1	U	5.1	10
Acenaphthene	2.8	U	2.8	10
4-Nitrophenol	6.8	U	6.8	20
2,4-Dinitrophenol	5.5	U	5.5	20
Dibenzofuran	2.9	U	2.9	10
Diethyl phthalate	3.0	U	3.0	10
Fluorene	2.9	U	2.9	10
Fluoranthene	3.3	U	3.3	10
Di-n-butyl phthalate	3.0	U	3.0	10
2,4-Dinitrotoluene	0.48	U	0.48	2.0
4-Chlorophenyl phenyl ether	2.6	U	2.6	10
4-Nitroaniline	5.9	U	5.9	10
4,6-Dinitro-2-methylphenol	4.8	U	4.8	20
4-Bromophenyl phenyl ether	2.6	U	2.6	10

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **FB-030614**

Lab Sample ID: 460-72174-28 Date Sampled: 03/06/2014 1815
Client Matrix: Water Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212257	Instrument ID:	CBNAMS11
Prep Method:	3510C	Prep Batch:	460-211622	Lab File ID:	z8787.D
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	03/13/2014 0651			Final Weight/Volume:	2 mL
Prep Date:	03/10/2014 0935			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Atrazine	3.1	U	3.1	10
Anthracene	2.9	U	2.9	10
Carbazole	3.3	U	3.3	10
Phenanthrene	3.2	U	3.2	10
Pentachlorophenol	5.4	U	5.4	20
Pyrene	3.0	U	3.0	10
Chrysene	3.2	U	3.2	10
Benzo[k]fluoranthene	0.27	U	0.27	1.0
Benzo[g,h,i]perylene	2.0	U	2.0	10
Benzo[b]fluoranthene	0.27	U	0.27	1.0
Benzo[a]pyrene	0.14	U	0.14	1.0
Benzo[a]anthracene	0.28	U	0.28	1.0
N-Nitrosodiphenylamine	3.0	U	3.0	10
Butyl benzyl phthalate	2.6	U	2.6	10
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	10
Di-n-octyl phthalate	1.5	U	1.5	10
Indeno[1,2,3-cd]pyrene	0.15	U	0.15	1.0
Dibenz(a,h)anthracene	0.092	U	0.092	1.0
3,3'-Dichlorobenzidine	5.0	U	5.0	10
1,2,4,5-Tetrachlorobenzene	2.7	U	2.7	10
2,3,4,6-Tetrachlorophenol	2.6	U	2.6	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	81		46 - 122
2-Fluorophenol	30		10 - 65
Phenol-d5	16		10 - 48
Nitrobenzene-d5	75		56 - 112
2-Fluorobiphenyl	71		53 - 108
Terphenyl-d14	75		50 - 122

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **FB-030614**

Lab Sample ID: 460-72174-28 Date Sampled: 03/06/2014 1815
Client Matrix: Water Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212257	Instrument ID:	CBNAMS11
Prep Method:	3510C	Prep Batch:	460-211622	Lab File ID:	z8787.D
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	03/13/2014 0651			Final Weight/Volume:	2 mL
Prep Date:	03/10/2014 0935			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-WT**

Lab Sample ID: 460-72174-29 Date Sampled: 03/06/2014 1235
Client Matrix: Solid % Moisture: 11.0 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147877.D
Dilution:	10			Initial Weight/Volume:	15.03 g
Analysis Date:	03/11/2014 2348	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		500	U	500	3700
2-Chlorophenol		490	U	490	3700
2-Methylphenol		630	U	630	3700
4-Methylphenol		730	U	730	3700
Benzaldehyde		440	U	440	3700
Acetophenone		570	U	570	3700
Bis(2-chloroethyl)ether		51	U	51	370
2,2'-oxybis[1-chloropropane]		410	U	410	3700
N-Nitrosodi-n-propylamine		62	U	62	370
Nitrobenzene		53	U *	53	370
Hexachloroethane		41	U	41	370
Isophorone		450	U	450	3700
2-Nitrophenol		410	U	410	3700
2,4-Dimethylphenol		920	U	920	3700
2,4-Dichlorophenol		540	U	540	3700
Bis(2-chloroethoxy)methane		480	U	480	3700
Naphthalene		1500	J D	430	3700
4-Chloroaniline		4900	D	980	3700
Hexachlorobutadiene		91	U	91	750
Caprolactam		850	U	850	3700
4-Chloro-3-methylphenol		560	U	560	3700
2-Methylnaphthalene		9700	D	480	3700
Hexachlorobenzene		51	U	51	370
Hexachlorocyclopentadiene		440	U	440	3700
2,4,6-Trichlorophenol		430	U	430	3700
2,4,5-Trichlorophenol		480	U	480	3700
Diphenyl		2400	J D	500	3700
2-Chloronaphthalene		410	U	410	3700
2-Nitroaniline		1500	U	1500	3700
2,6-Dinitrotoluene		110	U	110	750
Dimethyl phthalate		440	U	440	3700
Acenaphthylene		440	U	440	3700
3-Nitroaniline		1300	U	1300	3700
Acenaphthene		1000	J D	540	3700
4-Nitrophenol		2400	U	2400	3700
2,4-Dinitrophenol		2100	U	2100	7500
Dibenzofuran		440	U	440	3700
Diethyl phthalate		440	U	440	3700
Fluorene		650	J D	470	3700
Fluoranthene		490	U	490	3700
Di-n-butyl phthalate		460	U	460	3700
2,4-Dinitrotoluene		120	U	120	750
4-Chlorophenyl phenyl ether		440	U	440	3700
4-Nitroaniline		1200	U	1200	7500
4,6-Dinitro-2-methylphenol		1000	U	1000	7500
4-Bromophenyl phenyl ether		370	U	370	3700

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-WT**

Lab Sample ID: 460-72174-29 Date Sampled: 03/06/2014 1235
Client Matrix: Solid % Moisture: 11.0 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147877.D
Dilution:	10			Initial Weight/Volume:	15.03 g
Analysis Date:	03/11/2014 2348	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		570	U	570	3700
Anthracene		450	U	450	3700
Carbazole		440	U	440	3700
Phenanthrene		470	U	470	3700
Pentachlorophenol		1100	U	1100	7500
Pyrene		310	U	310	3700
Chrysene		430	U	430	3700
Benzo[k]fluoranthene		28	U	28	370
Benzo[g,h,i]perylene		270	U	270	3700
Benzo[b]fluoranthene		23	U	23	370
Benzo[a]pyrene		26	U	26	370
Benzo[a]anthracene		26	U	26	370
N-Nitrosodiphenylamine		370	U	370	3700
Butyl benzyl phthalate		340	U	340	3700
Bis(2-ethylhexyl) phthalate		1200	U	1200	3700
Di-n-octyl phthalate		240	U	240	3700
Indeno[1,2,3-cd]pyrene		69	U	69	370
Dibenz(a,h)anthracene		47	U	47	370
3,3'-Dichlorobenzidine		1300	U	1300	3700
1,2,4,5-Tetrachlorobenzene		500	U	500	3700
2,3,4,6-Tetrachlorophenol		480	U	480	3700

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	0	D	40 - 106
Phenol-d5	0	D	44 - 104
Terphenyl-d14	0	D	41 - 145
2,4,6-Tribromophenol	0	D	19 - 114
2-Fluorophenol	0	D	39 - 103
2-Fluorobiphenyl	0	D	49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-WT**

Lab Sample ID: 460-72174-29 Date Sampled: 03/06/2014 1235
Client Matrix: Solid % Moisture: 11.0 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147877.D
Dilution:	10			Initial Weight/Volume:	15.03 g
Analysis Date:	03/11/2014 2348	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
88-73-3	Benzene, 1-chloro-2-nitro-	5.41	330000	D J N
89-61-2	Benzene, 1,4-dichloro-2-nitro-	6.27	34000	D J N
13029-08-8	1,1'-Biphenyl, 2,2'-dichloro-	7.44	78000	D J N
16605-91-7	1,1'-Biphenyl, 2,3-dichloro-	7.77	6700	D J N
16605-91-7	1,1'-Biphenyl, 2,3-dichloro-	7.84	17000	D J N
2050-68-2	1,1'-Biphenyl, 4,4'-dichloro-	8.26	8000	D J N
37680-65-2	1,1'-Biphenyl, 2,2',5-trichloro-	8.36	13000	D J N
55702-46-0	1,1'-Biphenyl, 2,3,4-trichloro-	8.53	5100	D J N
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	8.62	33000	D J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.68	16000	D J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.75	11000	D J N
52663-58-8	1,1'-Biphenyl, 2,3,4',6-tetrachloro-	8.88	9500	D J N
52663-59-9	1,1'-Biphenyl, 2,2',3,4-tetrachloro-	8.91	12000	D J N
35693-99-3	1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	9.04	13000	D J N
32598-12-2	1,1'-Biphenyl, 2,4,4',6-tetrachloro-	9.14	14000	D J N
32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	9.33	6500	D J N
41464-42-0	1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	9.39	20000	D J N
32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	9.51	11000	D J N
31508-00-6	1,1'-Biphenyl, 2,3',4,4',5-pentachloro-	9.76	31000	D J N
55312-69-1	1,1'-Biphenyl, 2,2',3,4,5-Pentachloro-	9.83	32000	D J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-SI**

Lab Sample ID: 460-72174-30 Date Sampled: 03/06/2014 1240
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212566	Instrument ID:	CBNAMS5
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	x9429.D
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/14/2014 1342			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		250	U	250	1900
2-Chlorophenol		250	U	250	1900
2-Methylphenol		320	U	320	1900
4-Methylphenol		370	U	370	1900
Benzaldehyde		220	U	220	1900
Acetophenone		290	U	290	1900
Bis(2-chloroethyl)ether		26	U	26	190
2,2'-oxybis[1-chloropropane]		210	U	210	1900
N-Nitrosodi-n-propylamine		32	U	32	190
Nitrobenzene		27	U *	27	190
Hexachloroethane		21	U	21	190
Isophorone		230	U	230	1900
2-Nitrophenol		210	U	210	1900
2,4-Dimethylphenol		470	U	470	1900
2,4-Dichlorophenol		280	U	280	1900
Bis(2-chloroethoxy)methane		240	U	240	1900
Naphthalene		220	U	220	1900
4-Chloroaniline		500	U	500	1900
Hexachlorobutadiene		46	U	46	380
Caprolactam		430	U	430	1900
4-Chloro-3-methylphenol		280	U	280	1900
2-Methylnaphthalene		240	U	240	1900
Hexachlorobenzene		26	U	26	190
Hexachlorocyclopentadiene		220	U	220	1900
2,4,6-Trichlorophenol		220	U	220	1900
2,4,5-Trichlorophenol		240	U	240	1900
Diphenyl		250	U	250	1900
2-Chloronaphthalene		210	U	210	1900
2-Nitroaniline		790	U	790	1900
2,6-Dinitrotoluene		57	U	57	380
Dimethyl phthalate		220	U	220	1900
Acenaphthylene		220	U	220	1900
3-Nitroaniline		670	U	670	1900
Acenaphthene		280	U	280	1900
4-Nitrophenol		1200	U	1200	1900
2,4-Dinitrophenol		1100	U	1100	3800
Dibenzofuran		220	U	220	1900
Diethyl phthalate		220	U	220	1900
Fluorene		280	J	240	1900
Fluoranthene		250	U	250	1900
Di-n-butyl phthalate		230	U	230	1900
2,4-Dinitrotoluene		62	U	62	380
4-Chlorophenyl phenyl ether		220	U	220	1900
4-Nitroaniline		590	U	590	3800
4,6-Dinitro-2-methylphenol		510	U	510	3800
4-Bromophenyl phenyl ether		190	U	190	1900

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-SI**

Lab Sample ID: 460-72174-30 Date Sampled: 03/06/2014 1240
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212566	Instrument ID:	CBNAMS5
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	x9429.D
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/14/2014 1342			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		290	U	290	1900
Anthracene		230	U	230	1900
Carbazole		220	U	220	1900
Phenanthrene		990	J	240	1900
Pentachlorophenol		560	U	560	3800
Pyrene		160	U	160	1900
Chrysene		220	U	220	1900
Benzo[k]fluoranthene		14	U	14	190
Benzo[g,h,i]perylene		140	U	140	1900
Benzo[b]fluoranthene		12	U	12	190
Benzo[a]pyrene		13	U	13	190
Benzo[a]anthracene		13	U	13	190
N-Nitrosodiphenylamine		190	U	190	1900
Butyl benzyl phthalate		170	U	170	1900
Bis(2-ethylhexyl) phthalate		630	U	630	1900
Di-n-octyl phthalate		120	U	120	1900
Indeno[1,2,3-cd]pyrene		35	U	35	190
Dibenz(a,h)anthracene		24	U	24	190
3,3'-Dichlorobenzidine		660	U	660	1900
1,2,4,5-Tetrachlorobenzene		250	U	250	1900
2,3,4,6-Tetrachlorophenol		250	U	250	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	94		40 - 106
Phenol-d5	85		44 - 104
Terphenyl-d14	86		41 - 145
2,4,6-Tribromophenol	87		19 - 114
2-Fluorophenol	85		39 - 103
2-Fluorobiphenyl	107		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-SI**

Lab Sample ID: 460-72174-30 Date Sampled: 03/06/2014 1240
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212566	Instrument ID:	CBNAMS5
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	x9429.D
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/14/2014 1342			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown alkane	6.84	12000	J
	Unknown alkane	7.05	20000	J
	Unknown alkane	7.54	32000	J
	Unknown	7.75	24000	J
	Unknown alkane	8.01	37000	J
	Unknown	8.02	17000	J
16605-91-7	1,1'-Biphenyl, 2,3-dichloro-	8.05	13000	J N
2050-68-2	1,1'-Biphenyl, 4,4'-dichloro-	8.11	21000	J N
	Unknown	8.19	13000	J
37680-65-2	1,1'-Biphenyl, 2,2',5-trichloro-	8.28	13000	J N
	Unknown alkane	8.45	25000	J
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.48	27000	J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	8.63	23000	J N
	Unknown alkane	8.86	24000	J
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	8.88	25000	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.95	18000	J N
2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	9.15	12000	J N
32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	9.63	13000	J N
	Unknown alkane	10.00	16000	J
39485-83-1	1,1'-Biphenyl, 2,2',4,4',6-Pentachloro-	10.10	12000	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-VD**

Lab Sample ID: 460-72174-31 Date Sampled: 03/06/2014 1350
Client Matrix: Solid % Moisture: 7.6 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212527	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147949.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/14/2014 1158			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		48	U	48	360
2-Chlorophenol		47	U	47	360
2-Methylphenol		61	U	61	360
4-Methylphenol		70	U	70	360
Benzaldehyde		42	U	42	360
Acetophenone		55	U	55	360
Bis(2-chloroethyl)ether		4.9	U	4.9	36
2,2'-oxybis[1-chloropropane]		40	U	40	360
N-Nitrosodi-n-propylamine		6.0	U	6.0	36
Nitrobenzene		5.1	U *	5.1	36
Hexachloroethane		4.0	U	4.0	36
Isophorone		43	U	43	360
2-Nitrophenol		40	U	40	360
2,4-Dimethylphenol		88	U	88	360
2,4-Dichlorophenol		52	U	52	360
Bis(2-chloroethoxy)methane		46	U	46	360
Naphthalene		41	U	41	360
4-Chloroaniline		95	U	95	360
Hexachlorobutadiene		8.7	U	8.7	72
Caprolactam		82	U	82	360
4-Chloro-3-methylphenol		54	U	54	360
2-Methylnaphthalene		46	U	46	360
Hexachlorobenzene		4.9	U	4.9	36
Hexachlorocyclopentadiene		42	U	42	360
2,4,6-Trichlorophenol		42	U	42	360
2,4,5-Trichlorophenol		46	U	46	360
Diphenyl		48	U	48	360
2-Chloronaphthalene		40	U	40	360
2-Nitroaniline		150	U	150	360
2,6-Dinitrotoluene		11	U	11	72
Dimethyl phthalate		42	U	42	360
Acenaphthylene		42	U	42	360
3-Nitroaniline		130	U	130	360
Acenaphthene		52	U	52	360
4-Nitrophenol		230	U	230	360
2,4-Dinitrophenol		200	U	200	720
Dibenzofuran		42	U	42	360
Diethyl phthalate		43	U	43	360
Fluorene		46	U	46	360
Fluoranthene		48	U	48	360
Di-n-butyl phthalate		44	U	44	360
2,4-Dinitrotoluene		12	U	12	72
4-Chlorophenyl phenyl ether		42	U	42	360
4-Nitroaniline		110	U	110	720
4,6-Dinitro-2-methylphenol		97	U	97	720
4-Bromophenyl phenyl ether		35	U	35	360

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-VD**

Lab Sample ID: 460-72174-31 Date Sampled: 03/06/2014 1350
Client Matrix: Solid % Moisture: 7.6 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212527	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147949.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/14/2014 1158			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		55	U	55	360
Anthracene		43	U	43	360
Carbazole		42	U	42	360
Phenanthrene		45	U	45	360
Pentachlorophenol		110	U	110	720
Pyrene		76	J	30	360
Chrysene		42	U	42	360
Benzo[k]fluoranthene		6.9	J	2.7	36
Benzo[g,h,i]perylene		26	U	26	360
Benzo[b]fluoranthene		18	J	2.3	36
Benzo[a]pyrene		2.5	U	2.5	36
Benzo[a]anthracene		2.5	U	2.5	36
N-Nitrosodiphenylamine		35	U	35	360
Butyl benzyl phthalate		33	U	33	360
Bis(2-ethylhexyl) phthalate		120	U	120	360
Di-n-octyl phthalate		23	U	23	360
Indeno[1,2,3-cd]pyrene		8.5	J	6.6	36
Dibenz(a,h)anthracene		4.5	U	4.5	36
3,3'-Dichlorobenzidine		130	U	130	360
1,2,4,5-Tetrachlorobenzene		48	U	48	360
2,3,4,6-Tetrachlorophenol		46	U	46	360

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	101		40 - 106
Phenol-d5	92		44 - 104
Terphenyl-d14	80		41 - 145
2,4,6-Tribromophenol	63		19 - 114
2-Fluorophenol	85		39 - 103
2-Fluorobiphenyl	98		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-VD**

Lab Sample ID: 460-72174-31 Date Sampled: 03/06/2014 1350
Client Matrix: Solid % Moisture: 7.6 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212527	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147949.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/14/2014 1158			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	7.75	2700	J N
37680-65-2	1,1'-Biphenyl, 2,2',5-trichloro-	8.18	2300	J N
	Unknown	8.21	2500	J
55702-45-9	1,1'-Biphenyl, 2,3,6-trichloro-	8.35	2000	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.60	8000	J N
2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	8.66	1300	J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	8.74	1400	J N
41464-41-9	1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	8.76	1100	J N
32598-11-1	1,1'-Biphenyl, 2,3',4',5-tetrachloro-	8.87	3300	J N
52663-59-9	1,1'-Biphenyl, 2,2',3,4-tetrachloro-	8.90	2400	J N
15968-05-5	1,1'-Biphenyl, 2,2',6,6'-tetrachloro-	8.93	1700	J N
35693-99-3	1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	9.03	2800	J N
	Unknown	9.05	1200	J
38444-84-7	1,1'-Biphenyl, 2,3,3'-trichloro-	9.09	1500	J N
32598-12-2	1,1'-Biphenyl, 2,4,4',6-tetrachloro-	9.13	2100	J N
32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	9.32	1600	J N
41464-42-0	1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	9.35	3500	J N
32598-12-2	1,1'-Biphenyl, 2,4,4',6-tetrachloro-	9.38	3600	J N
32598-12-2	1,1'-Biphenyl, 2,4,4',6-tetrachloro-	9.50	2600	J N
31508-00-6	1,1'-Biphenyl, 2,3',4,4',5-pentachloro-	9.55	1300	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-WI**

Lab Sample ID: 460-72174-32 Date Sampled: 03/06/2014 1355
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212566	Instrument ID:	CBNAMS5
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	x9426.D
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/14/2014 1231			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		240	U	240	1800
2-Chlorophenol		240	U	240	1800
2-Methylphenol		310	U	310	1800
4-Methylphenol		360	U	360	1800
Benzaldehyde		210	U	210	1800
Acetophenone		280	U	280	1800
Bis(2-chloroethyl)ether		25	U	25	180
2,2'-oxybis[1-chloropropane]		200	U	200	1800
N-Nitrosodi-n-propylamine		30	U	30	180
Nitrobenzene		26	U *	26	180
Hexachloroethane		20	U	20	180
Isophorone		220	U	220	1800
2-Nitrophenol		200	U	200	1800
2,4-Dimethylphenol		450	U	450	1800
2,4-Dichlorophenol		270	U	270	1800
Bis(2-chloroethoxy)methane		230	U	230	1800
Naphthalene		210	U	210	1800
4-Chloroaniline		480	U	480	1800
Hexachlorobutadiene		44	U	44	370
Caprolactam		420	U	420	1800
4-Chloro-3-methylphenol		270	U	270	1800
2-Methylnaphthalene		230	U	230	1800
Hexachlorobenzene		25	U	25	180
Hexachlorocyclopentadiene		210	U	210	1800
2,4,6-Trichlorophenol		210	U	210	1800
2,4,5-Trichlorophenol		230	U	230	1800
Diphenyl		240	U	240	1800
2-Chloronaphthalene		200	U	200	1800
2-Nitroaniline		760	U	760	1800
2,6-Dinitrotoluene		55	U	55	370
Dimethyl phthalate		210	U	210	1800
Acenaphthylene		210	U	210	1800
3-Nitroaniline		640	U	640	1800
Acenaphthene		260	U	260	1800
4-Nitrophenol		1200	U	1200	1800
2,4-Dinitrophenol		1000	U	1000	3700
Dibenzofuran		210	U	210	1800
Diethyl phthalate		220	U	220	1800
Fluorene		800	J	230	1800
Fluoranthene		240	U	240	1800
Di-n-butyl phthalate		220	U	220	1800
2,4-Dinitrotoluene		60	U	60	370
4-Chlorophenyl phenyl ether		210	U	210	1800
4-Nitroaniline		560	U	560	3700
4,6-Dinitro-2-methylphenol		490	U	490	3700
4-Bromophenyl phenyl ether		180	U	180	1800

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-WI**

Lab Sample ID: 460-72174-32 Date Sampled: 03/06/2014 1355
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212566	Instrument ID:	CBNAMS5
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	x9426.D
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/14/2014 1231			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		280	U	280	1800
Anthracene		220	U	220	1800
Carbazole		210	U	210	1800
Phenanthrene		1600	J	230	1800
Pentachlorophenol		540	U	540	3700
Pyrene		550	J	150	1800
Chrysene		210	U	210	1800
Benzo[k]fluoranthene		14	U	14	180
Benzo[g,h,i]perylene		130	U	130	1800
Benzo[b]fluoranthene		11	U	11	180
Benzo[a]pyrene		13	U	13	180
Benzo[a]anthracene		13	U	13	180
N-Nitrosodiphenylamine		180	U	180	1800
Butyl benzyl phthalate		170	U	170	1800
Bis(2-ethylhexyl) phthalate		600	U	600	1800
Di-n-octyl phthalate		120	U	120	1800
Indeno[1,2,3-cd]pyrene		34	U	34	180
Dibenz(a,h)anthracene		23	U	23	180
3,3'-Dichlorobenzidine		640	U	640	1800
1,2,4,5-Tetrachlorobenzene		240	U	240	1800
2,3,4,6-Tetrachlorophenol		240	U	240	1800

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	85		40 - 106
Phenol-d5	73		44 - 104
Terphenyl-d14	80		41 - 145
2,4,6-Tribromophenol	52		19 - 114
2-Fluorophenol	58		39 - 103
2-Fluorobiphenyl	104		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-WI**

Lab Sample ID: 460-72174-32 Date Sampled: 03/06/2014 1355
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212566	Instrument ID:	CBNAMS5
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	x9426.D
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/14/2014 1231			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown alkane	6.84	14000	J
	Unknown alkane	7.05	15000	J
829-26-5	Naphthalene, 2,3,6-trimethyl-	7.28	16000	J N
2245-38-7	Naphthalene, 1,6,7-trimethyl-	7.48	17000	J N
	Unknown alkane	7.54	19000	J
	Unknown alkane	7.76	34000	J
	Unknown	7.95	18000	J
	Unknown alkane	8.02	30000	J
	Unknown	8.05	16000	J
2050-67-1	1,1'-Biphenyl, 3,3'-dichloro-	8.12	14000	J N
	Unknown	8.19	20000	J
	Unknown	8.28	15000	J
	Unknown alkane	8.45	12000	J
	Unknown	8.48	23000	J
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	8.64	21000	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.88	22000	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.95	15000	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	9.02	13000	J N
	Unknown	9.86	12000	J
	Unknown	10.00	13000	J

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-SI**

Lab Sample ID: 460-72174-33 Date Sampled: 03/06/2014 1400
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212566	Instrument ID:	CBNAMS5
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	x9433.D
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/14/2014 1522			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		260	U	260	1900
2-Chlorophenol		250	U	250	1900
2-Methylphenol		330	U	330	1900
4-Methylphenol		380	U	380	1900
Benzaldehyde		220	U	220	1900
Acetophenone		290	U	290	1900
Bis(2-chloroethyl)ether		26	U	26	190
2,2'-oxybis[1-chloropropane]		210	U	210	1900
N-Nitrosodi-n-propylamine		32	U	32	190
Nitrobenzene		27	U *	27	190
Hexachloroethane		21	U	21	190
Isophorone		230	U	230	1900
2-Nitrophenol		210	U	210	1900
2,4-Dimethylphenol		470	U	470	1900
2,4-Dichlorophenol		280	U	280	1900
Bis(2-chloroethoxy)methane		250	U	250	1900
Naphthalene		220	U	220	1900
4-Chloroaniline		510	U	510	1900
Hexachlorobutadiene		47	U	47	390
Caprolactam		440	U	440	1900
4-Chloro-3-methylphenol		290	U	290	1900
2-Methylnaphthalene		250	U	250	1900
Hexachlorobenzene		26	U	26	190
Hexachlorocyclopentadiene		220	U	220	1900
2,4,6-Trichlorophenol		220	U	220	1900
2,4,5-Trichlorophenol		250	U	250	1900
Diphenyl		260	U	260	1900
2-Chloronaphthalene		210	U	210	1900
2-Nitroaniline		800	U	800	1900
2,6-Dinitrotoluene		58	U	58	390
Dimethyl phthalate		230	U	230	1900
Acenaphthylene		230	U	230	1900
3-Nitroaniline		670	U	670	1900
Acenaphthene		280	U	280	1900
4-Nitrophenol		1200	U	1200	1900
2,4-Dinitrophenol		1100	U	1100	3900
Dibenzofuran		220	U	220	1900
Diethyl phthalate		230	U	230	1900
Fluorene		320	J	240	1900
Fluoranthene		250	U	250	1900
Di-n-butyl phthalate		240	U	240	1900
2,4-Dinitrotoluene		63	U	63	390
4-Chlorophenyl phenyl ether		220	U	220	1900
4-Nitroaniline		590	U	590	3900
4,6-Dinitro-2-methylphenol		520	U	520	3900
4-Bromophenyl phenyl ether		190	U	190	1900

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-SI**

Lab Sample ID: 460-72174-33 Date Sampled: 03/06/2014 1400
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212566	Instrument ID:	CBNAMS5
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	x9433.D
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/14/2014 1522			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		290	U	290	1900
Anthracene		230	U	230	1900
Carbazole		230	U	230	1900
Phenanthrene		1300	J	240	1900
Pentachlorophenol		570	U	570	3900
Pyrene		170	J	160	1900
Chrysene		220	U	220	1900
Benzo[k]fluoranthene		14	U	14	190
Benzo[g,h,i]perylene		140	U	140	1900
Benzo[b]fluoranthene		12	U	12	190
Benzo[a]pyrene		13	U	13	190
Benzo[a]anthracene		13	U	13	190
N-Nitrosodiphenylamine		190	U	190	1900
Butyl benzyl phthalate		170	U	170	1900
Bis(2-ethylhexyl) phthalate		630	U	630	1900
Di-n-octyl phthalate		120	U	120	1900
Indeno[1,2,3-cd]pyrene		35	U	35	190
Dibenz(a,h)anthracene		24	U	24	190
3,3'-Dichlorobenzidine		670	U	670	1900
1,2,4,5-Tetrachlorobenzene		260	U	260	1900
2,3,4,6-Tetrachlorophenol		250	U	250	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	76		40 - 106
Phenol-d5	66		44 - 104
Terphenyl-d14	75		41 - 145
2,4,6-Tribromophenol	55		19 - 114
2-Fluorophenol	67		39 - 103
2-Fluorobiphenyl	86		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-SI**

Lab Sample ID: 460-72174-33 Date Sampled: 03/06/2014 1400
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212566	Instrument ID:	CBNAMS5
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	x9433.D
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/14/2014 1522			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown alkane	7.04	14000	J
829-26-5	Naphthalene, 2,3,6-trimethyl-	7.27	7600	J N
2245-38-7	Naphthalene, 1,6,7-trimethyl-	7.47	9800	J N
	Unknown alkane	7.53	20000	J
	Unknown alkane	7.75	16000	J
	Unknown	7.95	11000	J
	Unknown alkane	8.00	17000	J
	Unknown	8.01	17000	J
	Unknown	8.05	9300	J
16605-91-7	1,1'-Biphenyl, 2,3-dichloro-	8.11	11000	J N
	Unknown	8.14	7700	J
	Unknown alkane	8.19	14000	J
	Unknown	8.28	10000	J
	Unknown alkane	8.43	15000	J
	Unknown alkane	8.46	16000	J
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.63	16000	J N
	Unknown alkane	8.86	19000	J
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	8.94	9600	J N
779-02-2	Anthracene, 9-methyl-	9.01	8600	J N
	Unknown	9.03	7700	J

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-VD**

Lab Sample ID: 460-72174-34 Date Sampled: 03/06/2014 1440
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147866.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/11/2014 1916			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		60	U	60	350
4-Methylphenol		69	U	69	350
Benzaldehyde		41	U	41	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.9	U	5.9	35
Nitrobenzene		5.0	U *	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		42	U	42	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		86	U	86	350
2,4-Dichlorophenol		51	U	51	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		41	U	41	350
4-Chloroaniline		93	U	93	350
Hexachlorobutadiene		8.6	U	8.6	71
Caprolactam		81	U	81	350
4-Chloro-3-methylphenol		53	U	53	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		45	U	45	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	710
2,6-Dinitrotoluene		11	U	11	71
Dimethyl phthalate		42	U	42	350
Acenaphthylene		41	U	41	350
3-Nitroaniline		120	U	120	710
Acenaphthene		51	U	51	350
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		41	U	41	350
Diethyl phthalate		42	U	42	350
Fluorene		45	U	45	350
Fluoranthene		47	U	47	350
Di-n-butyl phthalate		43	U	43	350
2,4-Dinitrotoluene		12	U	12	71
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
4,6-Dinitro-2-methylphenol		95	U	95	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-VD**

Lab Sample ID: 460-72174-34 Date Sampled: 03/06/2014 1440
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147866.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/11/2014 1916			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		54	U	54	350
Anthracene		43	U	43	350
Carbazole		41	U	41	350
Phenanthrene		45	U	45	350
Pentachlorophenol		100	U	100	1100
Pyrene		29	U	29	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.7	U	2.7	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.4	U	2.4	35
N-Nitrosodiphenylamine		35	U	35	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		22	U	22	350
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Dibenz(a,h)anthracene		4.4	U	4.4	35
3,3'-Dichlorobenzidine		120	U	120	710
1,2,4,5-Tetrachlorobenzene		47	U	47	350
2,3,4,6-Tetrachlorophenol		46	U	46	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	97		40 - 106
Phenol-d5	93		44 - 104
Terphenyl-d14	112		41 - 145
2,4,6-Tribromophenol	95		19 - 114
2-Fluorophenol	89		39 - 103
2-Fluorobiphenyl	97		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-VD**

Lab Sample ID: 460-72174-34 Date Sampled: 03/06/2014 1440
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147866.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/11/2014 1916			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-WT**

Lab Sample ID: 460-72174-35 Date Sampled: 03/06/2014 1445
Client Matrix: Solid % Moisture: 11.4 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212566	Instrument ID:	CBNAMS5
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	x9434.D
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/14/2014 1546			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		250	U	250	1900
2-Chlorophenol		250	U	250	1900
2-Methylphenol		320	U	320	1900
4-Methylphenol		370	U	370	1900
Benzaldehyde		220	U	220	1900
Acetophenone		290	U	290	1900
Bis(2-chloroethyl)ether		25	U	25	190
2,2'-oxybis[1-chloropropane]		210	U	210	1900
N-Nitrosodi-n-propylamine		31	U	31	190
Nitrobenzene		27	U *	27	190
Hexachloroethane		21	U	21	190
Isophorone		230	U	230	1900
2-Nitrophenol		210	U	210	1900
2,4-Dimethylphenol		460	U	460	1900
2,4-Dichlorophenol		270	U	270	1900
Bis(2-chloroethoxy)methane		240	U	240	1900
Naphthalene		220	U	220	1900
4-Chloroaniline		490	U	490	1900
Hexachlorobutadiene		46	U	46	380
Caprolactam		430	U	430	1900
4-Chloro-3-methylphenol		280	U	280	1900
2-Methylnaphthalene		240	U	240	1900
Hexachlorobenzene		26	U	26	190
Hexachlorocyclopentadiene		220	U	220	1900
2,4,6-Trichlorophenol		220	U	220	1900
2,4,5-Trichlorophenol		240	U	240	1900
Diphenyl		250	U	250	1900
2-Chloronaphthalene		210	U	210	1900
2-Nitroaniline		780	U	780	1900
2,6-Dinitrotoluene		56	U	56	380
Dimethyl phthalate		220	U	220	1900
Acenaphthylene		220	U	220	1900
3-Nitroaniline		660	U	660	1900
Acenaphthene		270	U	270	1900
4-Nitrophenol		1200	U	1200	1900
2,4-Dinitrophenol		1100	U	1100	3800
Dibenzofuran		220	U	220	1900
Diethyl phthalate		220	U	220	1900
Fluorene		240	U	240	1900
Fluoranthene		250	U	250	1900
Di-n-butyl phthalate		230	U	230	1900
2,4-Dinitrotoluene		61	U	61	380
4-Chlorophenyl phenyl ether		220	U	220	1900
4-Nitroaniline		580	U	580	3800
4,6-Dinitro-2-methylphenol		510	U	510	3800
4-Bromophenyl phenyl ether		190	U	190	1900

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-WT**

Lab Sample ID: 460-72174-35 Date Sampled: 03/06/2014 1445
Client Matrix: Solid % Moisture: 11.4 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212566	Instrument ID:	CBNAMS5
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	x9434.D
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/14/2014 1546			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		290	U	290	1900
Anthracene		230	U	230	1900
Carbazole		220	U	220	1900
Phenanthrene		240	U	240	1900
Pentachlorophenol		560	U	560	3800
Pyrene		160	U	160	1900
Chrysene		220	U	220	1900
Benzo[k]fluoranthene		14	U	14	190
Benzo[g,h,i]perylene		140	U	140	1900
Benzo[b]fluoranthene		12	U	12	190
Benzo[a]pyrene		13	U	13	190
Benzo[a]anthracene		13	U	13	190
N-Nitrosodiphenylamine		180	U	180	1900
Butyl benzyl phthalate		170	U	170	1900
Bis(2-ethylhexyl) phthalate		620	U	620	1900
Di-n-octyl phthalate		120	U	120	1900
Indeno[1,2,3-cd]pyrene		35	U	35	190
Dibenz(a,h)anthracene		24	U	24	190
3,3'-Dichlorobenzidine		650	U	650	1900
1,2,4,5-Tetrachlorobenzene		250	U	250	1900
2,3,4,6-Tetrachlorophenol		240	U	240	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	90		40 - 106
Phenol-d5	78		44 - 104
Terphenyl-d14	86		41 - 145
2,4,6-Tribromophenol	52		19 - 114
2-Fluorophenol	71		39 - 103
2-Fluorobiphenyl	102		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-WT**

Lab Sample ID: 460-72174-35 Date Sampled: 03/06/2014 1445
Client Matrix: Solid % Moisture: 11.4 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212566	Instrument ID:	CBNAMS5
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	x9434.D
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/14/2014 1546			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown alkane	6.84	8000	J
	Unknown alkane	7.04	15000	J
	Unknown	7.39	9200	J
	Unknown	7.48	10000	J
	Unknown alkane	7.54	26000	J
	Unknown	7.57	7900	J
54774-89-9	Naphthalene, 2-methyl-1-propyl-	7.64	8000	J N
	Unknown alkane	7.75	25000	J
	Unknown alkane	8.00	27000	J
	Unknown	8.02	20000	J
490-65-3	Naphthalene, 1-methyl-7-(1-methylethyl)-	8.05	11000	J N
16605-91-7	1,1'-Biphenyl, 2,3-dichloro-	8.11	11000	J N
	Unknown alkane	8.19	13000	J
	Unknown alkane	8.28	9300	J
	Unknown Cycloalkane	8.32	7900	J
	Unknown alkane	8.44	18000	J
	Unknown	8.47	18000	J
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.63	14000	J N
	Unknown alkane	8.86	20000	J
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	8.94	9300	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-SI**

Lab Sample ID: 460-72174-36 Date Sampled: 03/06/2014 1450
Client Matrix: Solid % Moisture: 13.5 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212566	Instrument ID:	CBNAMS5
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	x9428.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/14/2014 1318			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		51	U	51	380
2-Chlorophenol		50	U	50	380
2-Methylphenol		65	U	65	380
4-Methylphenol		75	U	75	380
Benzaldehyde		45	U	45	380
Acetophenone		59	U	59	380
Bis(2-chloroethyl)ether		5.2	U	5.2	38
2,2'-oxybis[1-chloropropane]		42	U	42	380
N-Nitrosodi-n-propylamine		6.4	U	6.4	38
Nitrobenzene		5.4	U *	5.4	38
Hexachloroethane		4.3	U	4.3	38
Isophorone		46	U	46	380
2-Nitrophenol		43	U	43	380
2,4-Dimethylphenol		94	U	94	380
2,4-Dichlorophenol		56	U	56	380
Bis(2-chloroethoxy)methane		49	U	49	380
Naphthalene		44	U	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.3	U	9.3	77
Caprolactam		88	U	88	380
4-Chloro-3-methylphenol		58	U	58	380
2-Methylnaphthalene		49	U	49	380
Hexachlorobenzene		5.2	U	5.2	38
Hexachlorocyclopentadiene		45	U	45	380
2,4,6-Trichlorophenol		45	U	45	380
2,4,5-Trichlorophenol		49	U	49	380
Diphenyl		51	U	51	380
2-Chloronaphthalene		43	U	43	380
2-Nitroaniline		160	U	160	380
2,6-Dinitrotoluene		12	U	12	77
Dimethyl phthalate		45	U	45	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		140	U	140	380
Acenaphthene		56	U	56	380
4-Nitrophenol		250	U	250	380
2,4-Dinitrophenol		220	U	220	770
Dibenzofuran		45	U	45	380
Diethyl phthalate		46	U	46	380
Fluorene		49	U	49	380
Fluoranthene		51	U	51	380
Di-n-butyl phthalate		47	U	47	380
2,4-Dinitrotoluene		13	U	13	77
4-Chlorophenyl phenyl ether		45	U	45	380
4-Nitroaniline		120	U	120	770
4,6-Dinitro-2-methylphenol		100	U	100	770
4-Bromophenyl phenyl ether		38	U	38	380

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-SI**

Lab Sample ID: 460-72174-36 Date Sampled: 03/06/2014 1450
Client Matrix: Solid % Moisture: 13.5 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212566	Instrument ID:	CBNAMS5
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	x9428.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/14/2014 1318			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		59	U	59	380
Anthracene		46	U	46	380
Carbazole		45	U	45	380
Phenanthrene		49	U	49	380
Pentachlorophenol		110	U	110	770
Pyrene		32	U	32	380
Chrysene		45	U	45	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.7	U	2.7	38
N-Nitrosodiphenylamine		38	U	38	380
Butyl benzyl phthalate		35	U	35	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		24	U	24	380
Indeno[1,2,3-cd]pyrene		7.1	U	7.1	38
Dibenz(a,h)anthracene		4.8	U	4.8	38
3,3'-Dichlorobenzidine		130	U	130	380
1,2,4,5-Tetrachlorobenzene		51	U	51	380
2,3,4,6-Tetrachlorophenol		50	U	50	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	82		40 - 106
Phenol-d5	77		44 - 104
Terphenyl-d14	81		41 - 145
2,4,6-Tribromophenol	87		19 - 114
2-Fluorophenol	72		39 - 103
2-Fluorobiphenyl	84		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-SI**

Lab Sample ID: 460-72174-36 Date Sampled: 03/06/2014 1450
Client Matrix: Solid % Moisture: 13.5 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212566	Instrument ID:	CBNAMS5
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	x9428.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/14/2014 1318			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown alkane	6.84	710	J
	Unknown alkane	7.04	1100	J
	Unknown alkane	7.53	1300	J
	Unknown alkane	7.75	1300	J
	Unknown	7.94	740	J
	Unknown alkane	7.99	3000	J
	Unknown	8.05	550	J
	Unknown alkane	8.18	630	J
1000104-10-8	3-Methyl-4-(methoxycarbonyl)hexa-2,4-die	8.28	640	J N
7694-30-6	Benzene, 1,1'-(1,2-cyclobutanediyl)bis-,	8.31	600	J N
	Unknown alkane	8.43	1400	J
	Unknown alkane	8.46	1100	J
37680-65-2	1,1'-Biphenyl, 2,2',5-trichloro-	8.62	950	J N
	Unknown alkane	8.85	1500	J
38444-84-7	1,1'-Biphenyl, 2,3,3'-trichloro-	8.94	610	J N
107426-38-0	Naphtho[2,3-b]norbornadiene	9.11	570	J N
	Unknown alkane	9.25	840	J
	Unknown alkane	9.63	860	J
10544-50-0	Cyclic octaatomic sulfur	9.76	880	J N
111-06-8	Hexadecanoic acid, butyl ester	9.94	1100	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-WI**

Lab Sample ID: 460-72174-37 Date Sampled: 03/06/2014 1520
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212527	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147950.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/14/2014 1222			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		48	U	48	350
2-Chlorophenol		47	U	47	350
2-Methylphenol		60	U	60	350
4-Methylphenol		70	U	70	350
Benzaldehyde		42	U	42	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.9	U	5.9	35
Nitrobenzene		5.0	U *	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		43	U	43	350
2-Nitrophenol		40	U	40	350
2,4-Dimethylphenol		87	U	87	350
2,4-Dichlorophenol		52	U	52	350
Bis(2-chloroethoxy)methane		46	U	46	350
Naphthalene		41	U	41	350
4-Chloroaniline		94	U	94	350
Hexachlorobutadiene		8.7	U	8.7	72
Caprolactam		82	U	82	350
4-Chloro-3-methylphenol		54	U	54	350
2-Methylnaphthalene		46	U	46	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		42	U	42	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		46	U	46	350
Diphenyl		48	U	48	350
2-Chloronaphthalene		40	U	40	350
2-Nitroaniline		150	U	150	350
2,6-Dinitrotoluene		11	U	11	72
Dimethyl phthalate		42	U	42	350
Acenaphthylene		42	U	42	350
3-Nitroaniline		130	U	130	350
Acenaphthene		52	U	52	350
4-Nitrophenol		230	U	230	350
2,4-Dinitrophenol		200	U	200	720
Dibenzofuran		42	U	42	350
Diethyl phthalate		42	U	42	350
Fluorene		45	U	45	350
Fluoranthene		47	U	47	350
Di-n-butyl phthalate		44	U	44	350
2,4-Dinitrotoluene		12	U	12	72
4-Chlorophenyl phenyl ether		42	U	42	350
4-Nitroaniline		110	U	110	720
4,6-Dinitro-2-methylphenol		97	U	97	720
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-WI**

Lab Sample ID: 460-72174-37 Date Sampled: 03/06/2014 1520
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212527	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147950.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/14/2014 1222			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		55	U	55	350
Anthracene		43	U	43	350
Carbazole		42	U	42	350
Phenanthrene		45	U	45	350
Pentachlorophenol		110	U	110	720
Pyrene		57	J	30	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.7	U	2.7	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.5	U	2.5	35
N-Nitrosodiphenylamine		35	U	35	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		23	U	23	350
Indeno[1,2,3-cd]pyrene		6.6	U	6.6	35
Dibenz(a,h)anthracene		4.5	U	4.5	35
3,3'-Dichlorobenzidine		120	U	120	350
1,2,4,5-Tetrachlorobenzene		48	U	48	350
2,3,4,6-Tetrachlorophenol		46	U	46	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	99		40 - 106
Phenol-d5	94		44 - 104
Terphenyl-d14	84		41 - 145
2,4,6-Tribromophenol	87		19 - 114
2-Fluorophenol	90		39 - 103
2-Fluorobiphenyl	96		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-WI**

Lab Sample ID: 460-72174-37 Date Sampled: 03/06/2014 1520
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212527	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147950.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/14/2014 1222			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	2.16	8700	J
1000130-87-5	Z-8-Hexadecene	6.68	880	J N
	Unknown	7.49	1000	J
	Unknown	7.65	1300	J
	Unknown	7.68	820	J
55045-11-9	Tridecane, 5-propyl-	7.76	3100	J N
41446-68-8	3-Tetradecene, (E)-	7.93	1600	J N
	Unknown	7.95	1300	J
	Unknown	8.01	1000	J
	Unknown	8.15	2000	J
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.19	1100	J N
	Unknown alkane	8.21	2000	J
	Unknown	8.37	880	J
	Unknown	8.40	870	J
	Unknown	8.43	920	J
	Unknown	8.52	1300	J
	Unknown	8.56	1100	J
	Unknown	8.76	1500	J
41464-40-8	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	8.87	1000	J N
	Unknown	9.14	900	J

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-SI**

Lab Sample ID: 460-72174-38 Date Sampled: 03/06/2014 1525
Client Matrix: Solid % Moisture: 13.2 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147870.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/11/2014 2055			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		51	U	51	380
2-Chlorophenol		50	U	50	380
2-Methylphenol		65	U	65	380
4-Methylphenol		75	U	75	380
Benzaldehyde		45	U	45	380
Acetophenone		59	U	59	380
Bis(2-chloroethyl)ether		5.2	U	5.2	38
2,2'-oxybis[1-chloropropane]		42	U	42	380
N-Nitrosodi-n-propylamine		6.4	U	6.4	38
Nitrobenzene		5.4	U *	5.4	38
Hexachloroethane		4.2	U	4.2	38
Isophorone		46	U	46	380
2-Nitrophenol		43	U	43	380
2,4-Dimethylphenol		94	U	94	380
2,4-Dichlorophenol		56	U	56	380
Bis(2-chloroethoxy)methane		49	U	49	380
Naphthalene		44	U	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.3	U	9.3	77
Caprolactam		88	U	88	380
4-Chloro-3-methylphenol		58	U	58	380
2-Methylnaphthalene		49	U	49	380
Hexachlorobenzene		5.2	U	5.2	38
Hexachlorocyclopentadiene		45	U	45	380
2,4,6-Trichlorophenol		45	U	45	380
2,4,5-Trichlorophenol		49	U	49	380
Diphenyl		51	U	51	380
2-Chloronaphthalene		43	U	43	380
2-Nitroaniline		160	U	160	380
2,6-Dinitrotoluene		11	U	11	77
Dimethyl phthalate		45	U	45	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		130	U	130	380
Acenaphthene		56	U	56	380
4-Nitrophenol		250	U	250	380
2,4-Dinitrophenol		220	U	220	770
Dibenzofuran		45	U	45	380
Diethyl phthalate		45	U	45	380
Fluorene		49	U	49	380
Fluoranthene		51	U	51	380
Di-n-butyl phthalate		47	U	47	380
2,4-Dinitrotoluene		13	U	13	77
4-Chlorophenyl phenyl ether		45	U	45	380
4-Nitroaniline		120	U	120	770
4,6-Dinitro-2-methylphenol		100	U	100	770
4-Bromophenyl phenyl ether		38	U	38	380

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-SI**

Lab Sample ID: 460-72174-38 Date Sampled: 03/06/2014 1525
Client Matrix: Solid % Moisture: 13.2 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147870.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/11/2014 2055			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		59	U	59	380
Anthracene		46	U	46	380
Carbazole		45	U	45	380
Phenanthrene		49	U	49	380
Pentachlorophenol		110	U	110	770
Pyrene		32	U	32	380
Chrysene		44	U	44	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.7	U	2.7	38
N-Nitrosodiphenylamine		38	U	38	380
Butyl benzyl phthalate		35	U	35	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		24	U	24	380
Indeno[1,2,3-cd]pyrene		7.1	U	7.1	38
Dibenz(a,h)anthracene		4.8	U	4.8	38
3,3'-Dichlorobenzidine		130	U	130	380
1,2,4,5-Tetrachlorobenzene		51	U	51	380
2,3,4,6-Tetrachlorophenol		50	U	50	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	97		40 - 106
Phenol-d5	89		44 - 104
Terphenyl-d14	103		41 - 145
2,4,6-Tribromophenol	94		19 - 114
2-Fluorophenol	87		39 - 103
2-Fluorobiphenyl	99		49 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-SI**

Lab Sample ID: 460-72174-38 Date Sampled: 03/06/2014 1525
Client Matrix: Solid % Moisture: 13.2 Date Received: 03/07/2014 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211728	Lab File ID:	L1147870.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/11/2014 2055			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 2**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
629-78-7	Heptadecane	7.74	460	J N
593-45-3	Octadecane	8.18	320	J N

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-14SW-VS**

Lab Sample ID: 460-72174-1 Date Sampled: 03/06/2014 0915
Client Matrix: Solid % Moisture: 6.0 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0054			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	71
Aroclor 1221		16	U	16	71
Aroclor 1232		16	U	16	71
Aroclor 1242		16	U	16	71
Aroclor 1248		91		16	71
Aroclor 1254		20	U	20	71
Aroclor 1260		20	U	20	71
Aroclor 1262		20	U	20	71
Aroclor 1268		20	U	20	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	107		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-14SW-VS**

Lab Sample ID: 460-72174-1 Date Sampled: 03/06/2014 0915
Client Matrix: Solid % Moisture: 6.0 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0054			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-VS**

Lab Sample ID: 460-72174-2 Date Sampled: 03/06/2014 0935
Client Matrix: Solid % Moisture: 4.0 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212118	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.03 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1614			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		160	U	160	700
Aroclor 1221		160	U	160	700
Aroclor 1232		160	U	160	700
Aroclor 1242		160	U	160	700
Aroclor 1248		5300		160	700
Aroclor 1254		200	U	200	700
Aroclor 1260		200	U	200	700
Aroclor 1262		200	U	200	700
Aroclor 1268		200	U	200	700

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-VS**

Lab Sample ID: 460-72174-2 Date Sampled: 03/06/2014 0935
Client Matrix: Solid % Moisture: 4.0 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212118	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.03 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1614			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-VD**

Lab Sample ID: 460-72174-3 Date Sampled: 03/06/2014 0940
Client Matrix: Solid % Moisture: 6.4 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0127			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	71
Aroclor 1221		16	U	16	71
Aroclor 1232		16	U	16	71
Aroclor 1242		94		16	71
Aroclor 1248		16	U	16	71
Aroclor 1254		20	U	20	71
Aroclor 1260		20	U	20	71
Aroclor 1262		20	U	20	71
Aroclor 1268		20	U	20	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	103		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-VD**

Lab Sample ID: 460-72174-3 Date Sampled: 03/06/2014 0940
Client Matrix: Solid % Moisture: 6.4 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0127			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	99		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-WT**

Lab Sample ID: 460-72174-4 Date Sampled: 03/06/2014 0945
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0144			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	74
Aroclor 1221		16	U	16	74
Aroclor 1232		16	U	16	74
Aroclor 1242		16	U	16	74
Aroclor 1248		16	U	16	74
Aroclor 1254		21	U	21	74
Aroclor 1260		21	U	21	74
Aroclor 1262		21	U	21	74
Aroclor 1268		21	U	21	74

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	119		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-WT**

Lab Sample ID: 460-72174-4 Date Sampled: 03/06/2014 0945
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0144			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	113		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-8SW-VS**

Lab Sample ID: 460-72174-5 Date Sampled: 03/06/2014 1000
Client Matrix: Solid % Moisture: 5.2 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212118	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.02 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1631			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		79	U	79	350
Aroclor 1221		79	U	79	350
Aroclor 1232		79	U	79	350
Aroclor 1242		79	U	79	350
Aroclor 1248		4500		79	350
Aroclor 1254		100	U	100	350
Aroclor 1260		100	U	100	350
Aroclor 1262		100	U	100	350
Aroclor 1268		100	U	100	350

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	130		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-8SW-VS**

Lab Sample ID: 460-72174-5 Date Sampled: 03/06/2014 1000
Client Matrix: Solid % Moisture: 5.2 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212118	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.02 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1631			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	124		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-4SW-VS**

Lab Sample ID: 460-72174-6 Date Sampled: 03/06/2014 1005
Client Matrix: Solid % Moisture: 8.1 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212118	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.02 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1647			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		160	U	160	730
Aroclor 1221		160	U	160	730
Aroclor 1232		160	U	160	730
Aroclor 1242		160	U	160	730
Aroclor 1248		4800		160	730
Aroclor 1254		210	U	210	730
Aroclor 1260		210	U	210	730
Aroclor 1262		210	U	210	730
Aroclor 1268		210	U	210	730

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-4SW-VS**

Lab Sample ID: 460-72174-6 Date Sampled: 03/06/2014 1005
Client Matrix: Solid % Moisture: 8.1 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212118	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.02 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1647			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-4SW-VD**

Lab Sample ID: 460-72174-7 Date Sampled: 03/06/2014 1010
Client Matrix: Solid % Moisture: 4.2 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0233			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	70
Aroclor 1221		16	U	16	70
Aroclor 1232		16	U	16	70
Aroclor 1242		73		16	70
Aroclor 1248		16	U	16	70
Aroclor 1254		20	U	20	70
Aroclor 1260		20	U	20	70
Aroclor 1262		20	U	20	70
Aroclor 1268		20	U	20	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	110		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-4SW-VD**

Lab Sample ID: 460-72174-7 Date Sampled: 03/06/2014 1010
Client Matrix: Solid % Moisture: 4.2 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0233			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	85		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-VS**

Lab Sample ID: 460-72174-8 Date Sampled: 03/06/2014 1020
Client Matrix: Solid % Moisture: 6.8 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212118	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.01 g
Dilution:	2.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1703			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		32	U	32	140
Aroclor 1221		32	U	32	140
Aroclor 1232		32	U	32	140
Aroclor 1242		32	U	32	140
Aroclor 1248		2300		32	140
Aroclor 1254		41	U	41	140
Aroclor 1260		41	U	41	140
Aroclor 1262		41	U	41	140
Aroclor 1268		41	U	41	140

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	117		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-VS**

Lab Sample ID: 460-72174-8 Date Sampled: 03/06/2014 1020
Client Matrix: Solid % Moisture: 6.8 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212118	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.01 g
Dilution:	2.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1703			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	111		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-VD**

Lab Sample ID: 460-72174-9 Date Sampled: 03/06/2014 1025
Client Matrix: Solid % Moisture: 4.9 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0306			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	70
Aroclor 1221		16	U	16	70
Aroclor 1232		16	U	16	70
Aroclor 1242		16	U	16	70
Aroclor 1248		16	U	16	70
Aroclor 1254		20	U	20	70
Aroclor 1260		20	U	20	70
Aroclor 1262		20	U	20	70
Aroclor 1268		20	U	20	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	102		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-VD**

Lab Sample ID: 460-72174-9 Date Sampled: 03/06/2014 1025
Client Matrix: Solid % Moisture: 4.9 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0306			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	102		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-WT**

Lab Sample ID: 460-72174-10 Date Sampled: 03/06/2014 1030
Client Matrix: Solid % Moisture: 10.9 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0322			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	75
Aroclor 1221		17	U	17	75
Aroclor 1232		17	U	17	75
Aroclor 1242		17	U	17	75
Aroclor 1248		17	U	17	75
Aroclor 1254		21	U	21	75
Aroclor 1260		21	U	21	75
Aroclor 1262		21	U	21	75
Aroclor 1268		21	U	21	75

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	105		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-WT**

Lab Sample ID: 460-72174-10 Date Sampled: 03/06/2014 1030
Client Matrix: Solid % Moisture: 10.9 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0322			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	104		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-5SW-WT**

Lab Sample ID: 460-72174-11 Date Sampled: 03/06/2014 1055
Client Matrix: Solid % Moisture: 6.3 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212118	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.02 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1720			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		800	U	800	3600
Aroclor 1221		800	U	800	3600
Aroclor 1232		800	U	800	3600
Aroclor 1242		47000		800	3600
Aroclor 1248		800	U	800	3600
Aroclor 1254		1000	U	1000	3600
Aroclor 1260		9700		1000	3600
Aroclor 1262		1000	U	1000	3600
Aroclor 1268		1000	U	1000	3600

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-5SW-WT**

Lab Sample ID: 460-72174-11 Date Sampled: 03/06/2014 1055
Client Matrix: Solid % Moisture: 6.3 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212118	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.02 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1720			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-5SW-SI**

Lab Sample ID: 460-72174-12 Date Sampled: 03/06/2014 1100
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212118	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.03 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1736			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		350	U	350	1500
Aroclor 1221		350	U	350	1500
Aroclor 1232		350	U	350	1500
Aroclor 1242		22000		350	1500
Aroclor 1248		350	U	350	1500
Aroclor 1254		440	U	440	1500
Aroclor 1260		4200		440	1500
Aroclor 1262		440	U	440	1500
Aroclor 1268		440	U	440	1500

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-5SW-SI**

Lab Sample ID: 460-72174-12 Date Sampled: 03/06/2014 1100
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212118	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.03 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1736			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-VD**

Lab Sample ID: 460-72174-13 Date Sampled: 03/06/2014 1120
Client Matrix: Solid % Moisture: 4.6 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0411			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	70
Aroclor 1221		16	U	16	70
Aroclor 1232		16	U	16	70
Aroclor 1242		190		16	70
Aroclor 1248		16	U	16	70
Aroclor 1254		20	U	20	70
Aroclor 1260		20	U	20	70
Aroclor 1262		20	U	20	70
Aroclor 1268		20	U	20	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	122		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-VD**

Lab Sample ID: 460-72174-13 Date Sampled: 03/06/2014 1120
Client Matrix: Solid % Moisture: 4.6 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0411			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	118		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-WT**

Lab Sample ID: 460-72174-14 Date Sampled: 03/06/2014 1125
Client Matrix: Solid % Moisture: 10.9 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212118	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.01 g
Dilution:	25			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1753			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		420	U	420	1900
Aroclor 1221		420	U	420	1900
Aroclor 1232		420	U	420	1900
Aroclor 1242		31000		420	1900
Aroclor 1248		420	U	420	1900
Aroclor 1254		530	U	530	1900
Aroclor 1260		530	U	530	1900
Aroclor 1262		530	U	530	1900
Aroclor 1268		530	U	530	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-WT**

Lab Sample ID: 460-72174-14 Date Sampled: 03/06/2014 1125
Client Matrix: Solid % Moisture: 10.9 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212118	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.01 g
Dilution:	25			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1753			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-SI**

Lab Sample ID: 460-72174-15 Date Sampled: 03/06/2014 1130
Client Matrix: Solid % Moisture: 12.0 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212118	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.05 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1809			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		170	U	170	760
Aroclor 1221		170	U	170	760
Aroclor 1232		170	U	170	760
Aroclor 1242		13000		170	760
Aroclor 1248		170	U	170	760
Aroclor 1254		220	U	220	760
Aroclor 1260		220	U	220	760
Aroclor 1262		220	U	220	760
Aroclor 1268		220	U	220	760

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-SI**

Lab Sample ID: 460-72174-15 Date Sampled: 03/06/2014 1130
Client Matrix: Solid % Moisture: 12.0 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212118	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.05 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1809			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-VD**

Lab Sample ID: 460-72174-16 Date Sampled: 03/06/2014 1145
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0501			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	71
Aroclor 1221		16	U	16	71
Aroclor 1232		16	U	16	71
Aroclor 1242		70	J	16	71
Aroclor 1248		16	U	16	71
Aroclor 1254		20	U	20	71
Aroclor 1260		20	U	20	71
Aroclor 1262		20	U	20	71
Aroclor 1268		20	U	20	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	111		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-VD**

Lab Sample ID: 460-72174-16 Date Sampled: 03/06/2014 1145
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0501			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	110		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-WT**

Lab Sample ID: 460-72174-17 Date Sampled: 03/06/2014 1150
Client Matrix: Solid % Moisture: 11.4 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212118	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.00 g
Dilution:	25			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1826			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		420	U	420	1900
Aroclor 1221		420	U	420	1900
Aroclor 1232		420	U	420	1900
Aroclor 1242		34000		420	1900
Aroclor 1248		420	U	420	1900
Aroclor 1254		540	U	540	1900
Aroclor 1260		7700		540	1900
Aroclor 1262		540	U	540	1900
Aroclor 1268		540	U	540	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-WT**

Lab Sample ID: 460-72174-17 Date Sampled: 03/06/2014 1150
Client Matrix: Solid % Moisture: 11.4 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212118	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.00 g
Dilution:	25			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1826			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-SI**

Lab Sample ID: 460-72174-18 Date Sampled: 03/06/2014 1155
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0534			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	77
Aroclor 1221		17	U	17	77
Aroclor 1232		17	U	17	77
Aroclor 1242		390		17	77
Aroclor 1248		17	U	17	77
Aroclor 1254		22	U	22	77
Aroclor 1260		64	J	22	77
Aroclor 1262		22	U	22	77
Aroclor 1268		22	U	22	77

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	123		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-SI**

Lab Sample ID: 460-72174-18 Date Sampled: 03/06/2014 1155
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0534			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	111		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-VS**

Lab Sample ID: 460-72174-19 Date Sampled: 03/06/2014 1225
Client Matrix: Solid % Moisture: 6.6 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212118	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.05 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1842			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		800	U	800	3600
Aroclor 1221		800	U	800	3600
Aroclor 1232		800	U	800	3600
Aroclor 1242		45000		800	3600
Aroclor 1248		800	U	800	3600
Aroclor 1254		1000	U	1000	3600
Aroclor 1260		1000	U	1000	3600
Aroclor 1262		1000	U	1000	3600
Aroclor 1268		1000	U	1000	3600

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-VS**

Lab Sample ID: 460-72174-19 Date Sampled: 03/06/2014 1225
Client Matrix: Solid % Moisture: 6.6 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212118	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.05 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1842			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-VD**

Lab Sample ID: 460-72174-20 Date Sampled: 03/06/2014 1230
Client Matrix: Solid % Moisture: 12.2 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212118	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.01 g
Dilution:	1000			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1859			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17000	U	17000	76000
Aroclor 1221		17000	U	17000	76000
Aroclor 1232		17000	U	17000	76000
Aroclor 1242		350000		17000	76000
Aroclor 1248		17000	U	17000	76000
Aroclor 1254		22000	U	22000	76000
Aroclor 1260		22000	U	22000	76000
Aroclor 1262		22000	U	22000	76000
Aroclor 1268		22000	U	22000	76000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-VD**

Lab Sample ID: 460-72174-20 Date Sampled: 03/06/2014 1230
Client Matrix: Solid % Moisture: 12.2 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212118	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211556	Initial Weight/Volume:	15.01 g
Dilution:	1000			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1859			Injection Volume:	1 uL
Prep Date:	03/10/2014 0449			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-SD**

Lab Sample ID: 460-72174-21 Date Sampled: 03/06/2014 1530
Client Matrix: Solid % Moisture: 18.6 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211705	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/10/2014 2055			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		18	U	18	82
Aroclor 1221		18	U	18	82
Aroclor 1232		18	U	18	82
Aroclor 1242		150		18	82
Aroclor 1248		18	U	18	82
Aroclor 1254		23	U	23	82
Aroclor 1260		23	U	23	82
Aroclor 1262		23	U	23	82
Aroclor 1268		23	U	23	82

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	111		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-SD**

Lab Sample ID: 460-72174-21 Date Sampled: 03/06/2014 1530
Client Matrix: Solid % Moisture: 18.6 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211705	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/10/2014 2055			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	110		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-WT**

Lab Sample ID: 460-72174-22 Date Sampled: 03/06/2014 1615
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211839	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.03 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1059			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		1700	U	1700	7700
Aroclor 1221		1700	U	1700	7700
Aroclor 1232		1700	U	1700	7700
Aroclor 1242		150000		1700	7700
Aroclor 1248		1700	U	1700	7700
Aroclor 1254		2200	U	2200	7700
Aroclor 1260		2200	U	2200	7700
Aroclor 1262		2200	U	2200	7700
Aroclor 1268		2200	U	2200	7700

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-WT**

Lab Sample ID: 460-72174-22 Date Sampled: 03/06/2014 1615
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211839	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.03 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1059			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-SI**

Lab Sample ID: 460-72174-23 Date Sampled: 03/06/2014 1620
Client Matrix: Solid % Moisture: 10.3 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211705	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/10/2014 2133			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	75
Aroclor 1221		17	U	17	75
Aroclor 1232		17	U	17	75
Aroclor 1242		230		17	75
Aroclor 1248		17	U	17	75
Aroclor 1254		21	U	21	75
Aroclor 1260		21	U	21	75
Aroclor 1262		21	U	21	75
Aroclor 1268		21	U	21	75

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	101		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-SI**

Lab Sample ID: 460-72174-23 Date Sampled: 03/06/2014 1620
Client Matrix: Solid % Moisture: 10.3 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211705	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/10/2014 2133			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	101		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-SD**

Lab Sample ID: 460-72174-24 Date Sampled: 03/06/2014 1625
Client Matrix: Solid % Moisture: 18.6 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211705	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/10/2014 2151			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		18	U	18	82
Aroclor 1221		18	U	18	82
Aroclor 1232		18	U	18	82
Aroclor 1242		140		18	82
Aroclor 1248		18	U	18	82
Aroclor 1254		23	U	23	82
Aroclor 1260		23	U	23	82
Aroclor 1262		23	U	23	82
Aroclor 1268		23	U	23	82

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	107		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-SD**

Lab Sample ID: 460-72174-24 Date Sampled: 03/06/2014 1625
Client Matrix: Solid % Moisture: 18.6 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211705	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/10/2014 2151			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	105		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-VD**

Lab Sample ID: 460-72174-25 Date Sampled: 03/06/2014 1645
Client Matrix: Solid % Moisture: 5.1 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211705	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/10/2014 2210			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	71
Aroclor 1221		16	U	16	71
Aroclor 1232		16	U	16	71
Aroclor 1242		78		16	71
Aroclor 1248		16	U	16	71
Aroclor 1254		20	U	20	71
Aroclor 1260		20	U	20	71
Aroclor 1262		20	U	20	71
Aroclor 1268		20	U	20	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	103		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-VD**

Lab Sample ID: 460-72174-25 Date Sampled: 03/06/2014 1645
Client Matrix: Solid % Moisture: 5.1 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211705	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/10/2014 2210			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	102		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-WT**

Lab Sample ID: 460-72174-26 Date Sampled: 03/06/2014 1640
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211839	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.00 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0827			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		870	U	870	3900
Aroclor 1221		870	U	870	3900
Aroclor 1232		870	U	870	3900
Aroclor 1242		33000		870	3900
Aroclor 1248		870	U	870	3900
Aroclor 1254		1100	U	1100	3900
Aroclor 1260		5000		1100	3900
Aroclor 1262		1100	U	1100	3900
Aroclor 1268		1100	U	1100	3900

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-WT**

Lab Sample ID: 460-72174-26 Date Sampled: 03/06/2014 1640
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211839	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.00 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0827			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-SI**

Lab Sample ID: 460-72174-27 Date Sampled: 03/06/2014 1650
Client Matrix: Solid % Moisture: 14.2 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211705	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/10/2014 2248			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	78
Aroclor 1221		17	U	17	78
Aroclor 1232		17	U	17	78
Aroclor 1242		120		17	78
Aroclor 1248		17	U	17	78
Aroclor 1254		22	U	22	78
Aroclor 1260		22	U	22	78
Aroclor 1262		22	U	22	78
Aroclor 1268		22	U	22	78

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	106		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-SI**

Lab Sample ID: 460-72174-27 Date Sampled: 03/06/2014 1650
Client Matrix: Solid % Moisture: 14.2 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211705	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/10/2014 2248			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	105		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **FB-030614**

Lab Sample ID: 460-72174-28 Date Sampled: 03/06/2014 1815
Client Matrix: Water Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211706	Instrument ID:	CPESTGC11
Prep Method:	3510C	Prep Batch:	460-211482	Initial Weight/Volume:	980 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/11/2014 0525			Injection Volume:	1 uL
Prep Date:	03/09/2014 1042			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor 1016	0.078	U	0.078	0.51
Aroclor 1221	0.078	U	0.078	0.51
Aroclor 1232	0.078	U	0.078	0.51
Aroclor 1242	0.078	U	0.078	0.51
Aroclor 1248	0.078	U	0.078	0.51
Aroclor 1254	0.085	U	0.085	0.51
Aroclor 1260	0.085	U	0.085	0.51
Aroclor 1262	0.085	U	0.085	0.51
Aroclor 1268	0.085	U	0.085	0.51

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	63		10 - 150

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **FB-030614**

Lab Sample ID: 460-72174-28 Date Sampled: 03/06/2014 1815
Client Matrix: Water Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211706	Instrument ID:	CPESTGC11
Prep Method:	3510C	Prep Batch:	460-211482	Initial Weight/Volume:	980 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/11/2014 0525			Injection Volume:	1 uL
Prep Date:	03/09/2014 1042			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	63		10 - 150

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-WT**

Lab Sample ID: 460-72174-29 Date Sampled: 03/06/2014 1235
Client Matrix: Solid % Moisture: 11.0 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211839	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.01 g
Dilution:	2500			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1118			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		42000	U	42000	190000
Aroclor 1221		42000	U	42000	190000
Aroclor 1232		42000	U	42000	190000
Aroclor 1242		1500000		42000	190000
Aroclor 1248		42000	U	42000	190000
Aroclor 1254		53000	U	53000	190000
Aroclor 1260		53000	U	53000	190000
Aroclor 1262		53000	U	53000	190000
Aroclor 1268		53000	U	53000	190000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-WT**

Lab Sample ID: 460-72174-29 Date Sampled: 03/06/2014 1235
Client Matrix: Solid % Moisture: 11.0 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211839	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.01 g
Dilution:	2500			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1118			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-SI**

Lab Sample ID: 460-72174-30 Date Sampled: 03/06/2014 1240
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211839	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.05 g
Dilution:	1000			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1137			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17000	U	17000	76000
Aroclor 1221		17000	U	17000	76000
Aroclor 1232		17000	U	17000	76000
Aroclor 1242		1000000		17000	76000
Aroclor 1248		17000	U	17000	76000
Aroclor 1254		22000	U	22000	76000
Aroclor 1260		22000	U	22000	76000
Aroclor 1262		22000	U	22000	76000
Aroclor 1268		22000	U	22000	76000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-SI**

Lab Sample ID: 460-72174-30 Date Sampled: 03/06/2014 1240
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211839	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.05 g
Dilution:	1000			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1137			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-VD**

Lab Sample ID: 460-72174-31 Date Sampled: 03/06/2014 1350
Client Matrix: Solid % Moisture: 7.6 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211839	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.01 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0924			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		81	U	81	360
Aroclor 1221		81	U	81	360
Aroclor 1232		81	U	81	360
Aroclor 1242		3800		81	360
Aroclor 1248		81	U	81	360
Aroclor 1254		100	U	100	360
Aroclor 1260		100	U	100	360
Aroclor 1262		100	U	100	360
Aroclor 1268		100	U	100	360

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	112		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-VD**

Lab Sample ID: 460-72174-31 Date Sampled: 03/06/2014 1350
Client Matrix: Solid % Moisture: 7.6 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211839	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.01 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0924			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	111		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-WI**

Lab Sample ID: 460-72174-32 Date Sampled: 03/06/2014 1355
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211839	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.03 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1200			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		3300	U	3300	15000
Aroclor 1221		3300	U	3300	15000
Aroclor 1232		3300	U	3300	15000
Aroclor 1242		230000		3300	15000
Aroclor 1248		3300	U	3300	15000
Aroclor 1254		4200	U	4200	15000
Aroclor 1260		17000		4200	15000
Aroclor 1262		4200	U	4200	15000
Aroclor 1268		4200	U	4200	15000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-WI**

Lab Sample ID: 460-72174-32 Date Sampled: 03/06/2014 1355
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211839	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.03 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1200			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-SI**

Lab Sample ID: 460-72174-33 Date Sampled: 03/06/2014 1400
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211839	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.03 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1002			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		870	U	870	3900
Aroclor 1221		870	U	870	3900
Aroclor 1232		870	U	870	3900
Aroclor 1242		54000		870	3900
Aroclor 1248		870	U	870	3900
Aroclor 1254		1100	U	1100	3900
Aroclor 1260		4100		1100	3900
Aroclor 1262		1100	U	1100	3900
Aroclor 1268		1100	U	1100	3900

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-SI**

Lab Sample ID: 460-72174-33 Date Sampled: 03/06/2014 1400
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211839	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.03 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1002			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-VD**

Lab Sample ID: 460-72174-34 Date Sampled: 03/06/2014 1440
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211705	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0042			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	71
Aroclor 1221		16	U	16	71
Aroclor 1232		16	U	16	71
Aroclor 1242		800		16	71
Aroclor 1248		16	U	16	71
Aroclor 1254		20	U	20	71
Aroclor 1260		20	U	20	71
Aroclor 1262		20	U	20	71
Aroclor 1268		20	U	20	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	100		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-VD**

Lab Sample ID: 460-72174-34 Date Sampled: 03/06/2014 1440
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211705	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0042			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	98		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-WT**

Lab Sample ID: 460-72174-35 Date Sampled: 03/06/2014 1445
Client Matrix: Solid % Moisture: 11.4 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211839	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.02 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1021			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		1700	U	1700	7600
Aroclor 1221		1700	U	1700	7600
Aroclor 1232		1700	U	1700	7600
Aroclor 1242		110000		1700	7600
Aroclor 1248		1700	U	1700	7600
Aroclor 1254		2100	U	2100	7600
Aroclor 1260		2100	U	2100	7600
Aroclor 1262		2100	U	2100	7600
Aroclor 1268		2100	U	2100	7600

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-WT**

Lab Sample ID: 460-72174-35 Date Sampled: 03/06/2014 1445
Client Matrix: Solid % Moisture: 11.4 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211839	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.02 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1021			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-SI**

Lab Sample ID: 460-72174-36 Date Sampled: 03/06/2014 1450
Client Matrix: Solid % Moisture: 13.5 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211705	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0119			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	77
Aroclor 1221		17	U	17	77
Aroclor 1232		17	U	17	77
Aroclor 1242		960		17	77
Aroclor 1248		17	U	17	77
Aroclor 1254		22	U	22	77
Aroclor 1260		22	U	22	77
Aroclor 1262		22	U	22	77
Aroclor 1268		22	U	22	77

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	98		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-SI**

Lab Sample ID: 460-72174-36 Date Sampled: 03/06/2014 1450
Client Matrix: Solid % Moisture: 13.5 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211705	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0119			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	97		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-WI**

Lab Sample ID: 460-72174-37 Date Sampled: 03/06/2014 1520
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211839	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.01 g
Dilution:	2.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1040			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		32	U	32	140
Aroclor 1221		32	U	32	140
Aroclor 1232		32	U	32	140
Aroclor 1242		2000		32	140
Aroclor 1248		32	U	32	140
Aroclor 1254		41	U	41	140
Aroclor 1260		380		41	140
Aroclor 1262		41	U	41	140
Aroclor 1268		41	U	41	140

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	120		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-WI**

Lab Sample ID: 460-72174-37 Date Sampled: 03/06/2014 1520
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211839	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.01 g
Dilution:	2.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 1040			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	115		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-SI**

Lab Sample ID: 460-72174-38 Date Sampled: 03/06/2014 1525
Client Matrix: Solid % Moisture: 13.2 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211705	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0157			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	77
Aroclor 1221		17	U	17	77
Aroclor 1232		17	U	17	77
Aroclor 1242		500		17	77
Aroclor 1248		17	U	17	77
Aroclor 1254		22	U	22	77
Aroclor 1260		22	U	22	77
Aroclor 1262		22	U	22	77
Aroclor 1268		22	U	22	77

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	106		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-SI**

Lab Sample ID: 460-72174-38 Date Sampled: 03/06/2014 1525
Client Matrix: Solid % Moisture: 13.2 Date Received: 03/07/2014 1430

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211705	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211557	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/11/2014 0157			Injection Volume:	1 uL
Prep Date:	03/10/2014 0453			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	106		45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-14SW-VS**

Lab Sample ID: 460-72174-1 Date Sampled: 03/06/2014 0915
Client Matrix: Solid % Moisture: 6.0 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211687	Lab File ID:	GC2F9415.D
Dilution:	2.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1036			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		290		12	12

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	63		50 - 105
Chlorobenzene	58		40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-VS**

Lab Sample ID: 460-72174-2 Date Sampled: 03/06/2014 0935
Client Matrix: Solid % Moisture: 4.0 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211687	Lab File ID:	GC2F9416.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1049			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		140		5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	62		50 - 105
Chlorobenzene	45		40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-VD**

Lab Sample ID: 460-72174-3 Date Sampled: 03/06/2014 0940
Client Matrix: Solid % Moisture: 6.4 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211687	Lab File ID:	GC2F9417.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/12/2014 1103			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		33		5.9	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	73		50 - 105
Chlorobenzene	65		40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-23SW-WT**

Lab Sample ID: 460-72174-4 Date Sampled: 03/06/2014 0945
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211687	Lab File ID:	GC2F9418.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1117			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		8.0		6.0	6.0

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	55		50 - 105
Chlorobenzene	61		40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-8SW-VS**

Lab Sample ID: 460-72174-5 Date Sampled: 03/06/2014 1000
Client Matrix: Solid % Moisture: 5.2 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211687	Lab File ID:	GC2F9419.D
Dilution:	5.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/12/2014 1130			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		620		29	29

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	77		50 - 105
Chlorobenzene	66		40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-4SW-VS**

Lab Sample ID: 460-72174-6 Date Sampled: 03/06/2014 1005
Client Matrix: Solid % Moisture: 8.1 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211687	Lab File ID:	GC2F9422.D
Dilution:	10			Initial Weight/Volume:	15.00 g
Analysis Date:	03/12/2014 1211			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		1700		60	60

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-4SW-VD**

Lab Sample ID: 460-72174-7 Date Sampled: 03/06/2014 1010
Client Matrix: Solid % Moisture: 4.2 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211687	Lab File ID:	GC2F9414.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1022			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.7	U	5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	52		50 - 105
Chlorobenzene	51		40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-VS**

Lab Sample ID: 460-72174-8 Date Sampled: 03/06/2014 1020
Client Matrix: Solid % Moisture: 6.8 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211687	Lab File ID:	GC2F9423.D
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1225			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		410		29	29

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	101		50 - 105
Chlorobenzene	68		40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-VD**

Lab Sample ID: 460-72174-9 Date Sampled: 03/06/2014 1025
Client Matrix: Solid % Moisture: 4.9 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211687	Lab File ID:	GC2F9424.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1238			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.8	U	5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	52		50 - 105
Chlorobenzene	55		40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-22SW-WT**

Lab Sample ID: 460-72174-10 Date Sampled: 03/06/2014 1030
Client Matrix: Solid % Moisture: 10.9 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211687	Lab File ID:	GC2F9425.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/12/2014 1252			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		15		6.2	6.2

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	68		50 - 105
Chlorobenzene	73		40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-5SW-WT**

Lab Sample ID: 460-72174-11 Date Sampled: 03/06/2014 1055
Client Matrix: Solid % Moisture: 6.3 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211687	Lab File ID:	GC2F9426.D
Dilution:	10			Initial Weight/Volume:	15.00 g
Analysis Date:	03/12/2014 1305			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		2400		59	59

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-5SW-SI**

Lab Sample ID: 460-72174-12 Date Sampled: 03/06/2014 1100
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211687	Lab File ID:	GC2F9427.D
Dilution:	20			Initial Weight/Volume:	15.00 g
Analysis Date:	03/12/2014 1319			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		5100		130	130

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-VD**

Lab Sample ID: 460-72174-13 Date Sampled: 03/06/2014 1120
Client Matrix: Solid % Moisture: 4.6 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211687	Lab File ID:	GC2F9428.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1333			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		7.8		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	71		50 - 105
Chlorobenzene	72		40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-WT**

Lab Sample ID: 460-72174-14 Date Sampled: 03/06/2014 1125
Client Matrix: Solid % Moisture: 10.9 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211687	Lab File ID:	GC2F9429.D
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1346			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		590		31	31

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	67		50 - 105
Chlorobenzene	46		40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-6SW-SI**

Lab Sample ID: 460-72174-15 Date Sampled: 03/06/2014 1130
Client Matrix: Solid % Moisture: 12.0 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211687	Lab File ID:	GC2F9430.D
Dilution:	5.0			Initial Weight/Volume:	15.05 g
Analysis Date:	03/12/2014 1400			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		600		31	31

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	79		50 - 105
Chlorobenzene	54		40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-VD**

Lab Sample ID: 460-72174-16 Date Sampled: 03/06/2014 1145
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211687	Lab File ID:	GC2F9433.D
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	03/12/2014 1441			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		250		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	75		50 - 105
Chlorobenzene	71		40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-WT**

Lab Sample ID: 460-72174-17 Date Sampled: 03/06/2014 1150
Client Matrix: Solid % Moisture: 11.4 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211687	Lab File ID:	GC2F9434.D
Dilution:	5.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/12/2014 1454			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		940		31	31

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	98		50 - 105
Chlorobenzene	57		40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-2SW-SI**

Lab Sample ID: 460-72174-18 Date Sampled: 03/06/2014 1155
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211687	Lab File ID:	GC2F9435.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1508			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.3	U	6.3	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	50		50 - 105
Chlorobenzene	49		40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-VS**

Lab Sample ID: 460-72174-19 Date Sampled: 03/06/2014 1225
Client Matrix: Solid % Moisture: 6.6 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211687	Lab File ID:	GC2F9436.D
Dilution:	10			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1521			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		1300		59	59

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-VD**

Lab Sample ID: 460-72174-20 Date Sampled: 03/06/2014 1230
Client Matrix: Solid % Moisture: 12.2 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211687	Lab File ID:	GC2F9437.D
Dilution:	20			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1535			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		3700		130	130

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-SD**

Lab Sample ID: 460-72174-21 Date Sampled: 03/06/2014 1530
Client Matrix: Solid % Moisture: 18.6 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211688	Lab File ID:	GC2F9445.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/12/2014 1724			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1448			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.7	U	6.7	6.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	69		50 - 105
Chlorobenzene	71		40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-WT**

Lab Sample ID: 460-72174-22 Date Sampled: 03/06/2014 1615
Client Matrix: Solid % Moisture: 13.0 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211688	Lab File ID:	GC2F9446.D
Dilution:	50			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1737			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1448			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		9700		320	320

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-SI**

Lab Sample ID: 460-72174-23 Date Sampled: 03/06/2014 1620
Client Matrix: Solid % Moisture: 10.3 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211688	Lab File ID:	GC2F9447.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1751			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1448			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.1	U	6.1	6.1

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	71		50 - 105
Chlorobenzene	73		40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-13SW-SD**

Lab Sample ID: 460-72174-24 Date Sampled: 03/06/2014 1625
Client Matrix: Solid % Moisture: 18.6 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211688	Lab File ID:	GC2F9448.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/12/2014 1805			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1448			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		140		6.8	6.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	72		50 - 105
Chlorobenzene	64		40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-VD**

Lab Sample ID: 460-72174-25 Date Sampled: 03/06/2014 1645
Client Matrix: Solid % Moisture: 5.1 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211688	Lab File ID:	GC2F9444.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/12/2014 1710			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1448			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		170		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	78		50 - 105
Chlorobenzene	76		40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-WT**

Lab Sample ID: 460-72174-26 Date Sampled: 03/06/2014 1640
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211688	Lab File ID:	GC2F9449.D
Dilution:	25			Initial Weight/Volume:	15.04 g
Analysis Date:	03/12/2014 1818			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1448			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		5800		160	160

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-28SW-SI**

Lab Sample ID: 460-72174-27 Date Sampled: 03/06/2014 1650
Client Matrix: Solid % Moisture: 14.2 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211688	Lab File ID:	GC2F9452.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/12/2014 1859			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1448			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.4	U	6.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	68		50 - 105
Chlorobenzene	67		40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **FB-030614**

Lab Sample ID: 460-72174-28 Date Sampled: 03/06/2014 1815
Client Matrix: Water Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-211769	Instrument ID:	CBNAGC2
Prep Method:	3510C	Prep Batch:	460-211471	Lab File ID:	GC2F9331.D
Dilution:	1.0			Initial Weight/Volume:	990 mL
Analysis Date:	03/11/2014 0947			Final Weight/Volume:	1 mL
Prep Date:	03/09/2014 1024			Injection Volume:	1 uL

Analyte	Result (mg/L)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)	0.083	U	0.083	0.083

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	84		51 - 123
Chlorobenzene	88		42 - 93

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-WT**

Lab Sample ID: 460-72174-29 Date Sampled: 03/06/2014 1235
Client Matrix: Solid % Moisture: 11.0 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211688	Lab File ID:	GC2F9453.D
Dilution:	50			Initial Weight/Volume:	15.05 g
Analysis Date:	03/12/2014 1913			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1448			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		7600		310	310

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-24SW-SI**

Lab Sample ID: 460-72174-30 Date Sampled: 03/06/2014 1240
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211688	Lab File ID:	GC2F9454.D
Dilution:	25			Initial Weight/Volume:	15.05 g
Analysis Date:	03/12/2014 1927			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1448			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		5900		160	160

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-VD**

Lab Sample ID: 460-72174-31 Date Sampled: 03/06/2014 1350
Client Matrix: Solid % Moisture: 7.6 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211688	Lab File ID:	GC2F9455.D
Dilution:	5.0			Initial Weight/Volume:	15.05 g
Analysis Date:	03/12/2014 1940			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1448			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		610		30	30

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	185	X	50 - 105
Chlorobenzene	58		40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-WI**

Lab Sample ID: 460-72174-32 Date Sampled: 03/06/2014 1355
Client Matrix: Solid % Moisture: 9.0 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211688	Lab File ID:	GC2F9456.D
Dilution:	25			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1954			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1448			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		5300		150	150

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-7SW-SI**

Lab Sample ID: 460-72174-33 Date Sampled: 03/06/2014 1400
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211688	Lab File ID:	GC2F9457.D
Dilution:	10			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 2007			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1448			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		2500		64	64

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-VD**

Lab Sample ID: 460-72174-34 Date Sampled: 03/06/2014 1440
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211688	Lab File ID:	GC2F9458.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/12/2014 2021			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1448			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.8	U	5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	61		50 - 105
Chlorobenzene	65		40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-WT**

Lab Sample ID: 460-72174-35 Date Sampled: 03/06/2014 1445
Client Matrix: Solid % Moisture: 11.4 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211688	Lab File ID:	GC2F9459.D
Dilution:	10			Initial Weight/Volume:	15.00 g
Analysis Date:	03/12/2014 2035			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1448			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		2100		62	62

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-9SW-SI**

Lab Sample ID: 460-72174-36 Date Sampled: 03/06/2014 1450
Client Matrix: Solid % Moisture: 13.5 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211688	Lab File ID:	GC2F9462.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/12/2014 2116			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1448			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		30		6.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	74		50 - 105
Chlorobenzene	51		40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-WI**

Lab Sample ID: 460-72174-37 Date Sampled: 03/06/2014 1520
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211688	Lab File ID:	GC2F9463.D
Dilution:	5.0			Initial Weight/Volume:	15.05 g
Analysis Date:	03/12/2014 2129			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1448			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		1100		29	29

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	74		50 - 105
Chlorobenzene	73		40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Client Sample ID: **PMP-10SW-SI**

Lab Sample ID: 460-72174-38 Date Sampled: 03/06/2014 1525
Client Matrix: Solid % Moisture: 13.2 Date Received: 03/07/2014 1430

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211688	Lab File ID:	GC2F9464.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 2143			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1448			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.3	U	6.3	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	73		50 - 105
Chlorobenzene	67		40 - 80

General Chemistry

Client Sample ID: **PMP-14SW-VS**

Lab Sample ID: 460-72174-1 Date Sampled: 03/06/2014 0915

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	6.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211661	Analysis Date: 03/10/2014 1152						DryWt Corrected: N
Percent Solids	94.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211661	Analysis Date: 03/10/2014 1152						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1317						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-23SW-VS**

Lab Sample ID: 460-72174-2 Date Sampled: 03/06/2014 0935

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	4.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211661	Analysis Date: 03/10/2014 1152						DryWt Corrected: N
Percent Solids	96.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211661	Analysis Date: 03/10/2014 1152						DryWt Corrected: N
Chloride-ASTM Leach	57.5	U	mg/Kg	57.5	98.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1317						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-23SW-VD**

Lab Sample ID: 460-72174-3 Date Sampled: 03/06/2014 0940

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	6.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211661	Analysis Date: 03/10/2014 1152						DryWt Corrected: N
Percent Solids	93.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211661	Analysis Date: 03/10/2014 1152						DryWt Corrected: N
Chloride-ASTM Leach	57.5	U	mg/Kg	57.5	98.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1317						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-23SW-WT**

Lab Sample ID: 460-72174-4 Date Sampled: 03/06/2014 0945

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	9.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211661	Analysis Date: 03/10/2014 1152						DryWt Corrected: N
Percent Solids	91.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211661	Analysis Date: 03/10/2014 1152						DryWt Corrected: N
Chloride-ASTM Leach	57.5	U	mg/Kg	57.5	98.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1317						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-8SW-VS**

Lab Sample ID: 460-72174-5 Date Sampled: 03/06/2014 1000
Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211661	Analysis Date: 03/10/2014 1152						DryWt Corrected: N
Percent Solids	94.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211661	Analysis Date: 03/10/2014 1152						DryWt Corrected: N
Chloride-ASTM Leach	57.9	U	mg/Kg	57.9	99.4	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1317						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-4SW-VS**

Lab Sample ID: 460-72174-6 Date Sampled: 03/06/2014 1005

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	8.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211661	Analysis Date: 03/10/2014 1152						DryWt Corrected: N
Percent Solids	91.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211661	Analysis Date: 03/10/2014 1152						DryWt Corrected: N
Chloride-ASTM Leach	57.5	U	mg/Kg	57.5	98.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1320						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-4SW-VD**

Lab Sample ID: 460-72174-7 Date Sampled: 03/06/2014 1010

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	4.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211661	Analysis Date: 03/10/2014 1152						DryWt Corrected: N
Percent Solids	95.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211661	Analysis Date: 03/10/2014 1152						DryWt Corrected: N
Chloride-ASTM Leach	57.7	U	mg/Kg	57.7	99.2	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1320						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-22SW-VS**

Lab Sample ID: 460-72174-8 Date Sampled: 03/06/2014 1020

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	6.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Percent Solids	93.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Chloride-ASTM Leach	57.9	U	mg/Kg	57.9	99.4	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1331						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-22SW-VD**

Lab Sample ID: 460-72174-9 Date Sampled: 03/06/2014 1025

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	4.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Percent Solids	95.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Chloride-ASTM Leach	57.7	U	mg/Kg	57.7	99.1	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1331						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-22SW-WT**

Lab Sample ID: 460-72174-10 Date Sampled: 03/06/2014 1030

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	10.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Percent Solids	89.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Chloride-ASTM Leach	58.0	U	mg/Kg	58.0	99.6	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1331						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-5SW-WT**

Lab Sample ID: 460-72174-11 Date Sampled: 03/06/2014 1055
Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	6.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Percent Solids	93.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Chloride-ASTM Leach	57.8	U	mg/Kg	57.8	99.2	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1331						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-5SW-SI**

Lab Sample ID: 460-72174-12 Date Sampled: 03/06/2014 1100
Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Percent Solids	86.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Chloride-ASTM Leach	57.4	U	mg/Kg	57.4	98.6	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1331						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-6SW-VD**

Lab Sample ID: 460-72174-13 Date Sampled: 03/06/2014 1120

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	4.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Percent Solids	95.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Chloride-ASTM Leach	57.6	U	mg/Kg	57.6	99.0	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1331						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-6SW-WT**

Lab Sample ID: 460-72174-14 Date Sampled: 03/06/2014 1125
Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	10.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Percent Solids	89.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Chloride-ASTM Leach	58.0	U	mg/Kg	58.0	99.6	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1331						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-6SW-SI**

Lab Sample ID: 460-72174-15 Date Sampled: 03/06/2014 1130

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	12.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Percent Solids	88.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Chloride-ASTM Leach	58.2	U	mg/Kg	58.2	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1334						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-2SW-VD**

Lab Sample ID: 460-72174-16 Date Sampled: 03/06/2014 1145

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Percent Solids	94.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Chloride-ASTM Leach	58.0	U	mg/Kg	58.0	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1334						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-2SW-WT**

Lab Sample ID: 460-72174-17 Date Sampled: 03/06/2014 1150

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	11.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Percent Solids	88.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Chloride-ASTM Leach	57.6	U	mg/Kg	57.6	98.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1346						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-2SW-SI**

Lab Sample ID: 460-72174-18 Date Sampled: 03/06/2014 1155

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	12.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Percent Solids	87.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Chloride-ASTM Leach	57.8	U	mg/Kg	57.8	99.3	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1346						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-24SW-VS**

Lab Sample ID: 460-72174-19 Date Sampled: 03/06/2014 1225

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	6.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Percent Solids	93.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Chloride-ASTM Leach	57.8	U	mg/Kg	57.8	99.2	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1346						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-24SW-VD**

Lab Sample ID: 460-72174-20 Date Sampled: 03/06/2014 1230

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	12.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Percent Solids	87.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1346						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-10SW-SD**

Lab Sample ID: 460-72174-21 Date Sampled: 03/06/2014 1530
Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	18.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Percent Solids	81.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Chloride-ASTM Leach	57.5	U	mg/Kg	57.5	98.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1346						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-13SW-WT**

Lab Sample ID: 460-72174-22 Date Sampled: 03/06/2014 1615

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Percent Solids	87.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1347						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-13SW-SI**

Lab Sample ID: 460-72174-23 Date Sampled: 03/06/2014 1620

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	10.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Percent Solids	89.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Chloride-ASTM Leach	57.5	U	mg/Kg	57.5	98.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1350						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-13SW-SD**

Lab Sample ID: 460-72174-24 Date Sampled: 03/06/2014 1625

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	18.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Percent Solids	81.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Chloride-ASTM Leach	57.6	U	mg/Kg	57.6	98.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1350						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-28SW-VD**

Lab Sample ID: 460-72174-25 Date Sampled: 03/06/2014 1645

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Percent Solids	94.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Chloride-ASTM Leach	57.9	U	mg/Kg	57.9	99.5	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1411						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-28SW-WT**

Lab Sample ID: 460-72174-26 Date Sampled: 03/06/2014 1640

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Percent Solids	86.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211663	Analysis Date: 03/10/2014 1245						DryWt Corrected: N
Chloride-ASTM Leach	57.9	U	mg/Kg	57.9	99.4	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1411						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-28SW-SI**

Lab Sample ID: 460-72174-27 Date Sampled: 03/06/2014 1650
Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	14.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211665	Analysis Date: 03/10/2014 1307						DryWt Corrected: N
Percent Solids	85.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211665	Analysis Date: 03/10/2014 1307						DryWt Corrected: N
Chloride-ASTM Leach	57.5	U	mg/Kg	57.5	98.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1411						DryWt Corrected: N

General Chemistry

Client Sample ID: **FB-030614**

Lab Sample ID: 460-72174-28 Date Sampled: 03/06/2014 1815

Client Matrix: Water Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	0.84	U	mg/L	0.84	5.0	1.0	SM 4500 Cl- B

Analysis Batch: 460-211961 Analysis Date: 03/10/2014 1500

General Chemistry

Client Sample ID: **PMP-24SW-WT**

Lab Sample ID: 460-72174-29 Date Sampled: 03/06/2014 1235
Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	11.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211665	Analysis Date: 03/10/2014 1307						DryWt Corrected: N
Percent Solids	89.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211665	Analysis Date: 03/10/2014 1307						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1411						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-24SW-SI**

Lab Sample ID: 460-72174-30 Date Sampled: 03/06/2014 1240

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	12.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211665	Analysis Date: 03/10/2014 1307						DryWt Corrected: N
Percent Solids	87.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211665	Analysis Date: 03/10/2014 1307						DryWt Corrected: N
Chloride-ASTM Leach	57.5	U	mg/Kg	57.5	98.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1411						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-7SW-VD**

Lab Sample ID: 460-72174-31 Date Sampled: 03/06/2014 1350

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	7.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211665	Analysis Date: 03/10/2014 1307						DryWt Corrected: N
Percent Solids	92.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211665	Analysis Date: 03/10/2014 1307						DryWt Corrected: N
Chloride-ASTM Leach	58.2	U	mg/Kg	58.2	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1411						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-7SW-WI**

Lab Sample ID: 460-72174-32 Date Sampled: 03/06/2014 1355
Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	9.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211665	Analysis Date: 03/10/2014 1307						DryWt Corrected: N
Percent Solids	91.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211665	Analysis Date: 03/10/2014 1307						DryWt Corrected: N
Chloride-ASTM Leach	57.7	U	mg/Kg	57.7	99.2	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1411						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-7SW-SI**

Lab Sample ID: 460-72174-33 Date Sampled: 03/06/2014 1400

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211665	Analysis Date: 03/10/2014 1307						DryWt Corrected: N
Percent Solids	86.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211665	Analysis Date: 03/10/2014 1307						DryWt Corrected: N
Chloride-ASTM Leach	58.0	U	mg/Kg	58.0	99.6	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1414						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-9SW-VD**

Lab Sample ID: 460-72174-34 Date Sampled: 03/06/2014 1440

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211665	Analysis Date: 03/10/2014 1307						DryWt Corrected: N
Percent Solids	94.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211665	Analysis Date: 03/10/2014 1307						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1414						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-9SW-WT**

Lab Sample ID: 460-72174-35 Date Sampled: 03/06/2014 1445

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	11.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211665	Analysis Date: 03/10/2014 1307						DryWt Corrected: N
Percent Solids	88.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211665	Analysis Date: 03/10/2014 1307						DryWt Corrected: N
Chloride-ASTM Leach	57.7	U	mg/Kg	57.7	99.1	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1420						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-9SW-SI**

Lab Sample ID: 460-72174-36 Date Sampled: 03/06/2014 1450

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211665	Analysis Date: 03/10/2014 1307						DryWt Corrected: N
Percent Solids	86.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211665	Analysis Date: 03/10/2014 1307						DryWt Corrected: N
Chloride-ASTM Leach	58.0	U	mg/Kg	58.0	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1420						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-10SW-WI**

Lab Sample ID: 460-72174-37 Date Sampled: 03/06/2014 1520

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	6.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211665	Analysis Date: 03/10/2014 1307						DryWt Corrected: N
Percent Solids	93.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211665	Analysis Date: 03/10/2014 1307						DryWt Corrected: N
Chloride-ASTM Leach	57.8	U	mg/Kg	57.8	99.3	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1420						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-10SW-SI**

Lab Sample ID: 460-72174-38 Date Sampled: 03/06/2014 1525

Client Matrix: Solid Date Received: 03/07/2014 1430

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211665	Analysis Date: 03/10/2014 1307						DryWt Corrected: N
Percent Solids	86.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-211665	Analysis Date: 03/10/2014 1307						DryWt Corrected: N
Chloride-ASTM Leach	58.0	U	mg/Kg	58.0	99.6	1.0	SM 4500 Cl- E
Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1420						DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72174-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-72174-1	PMP-14SW-VS	95	97	98	115
460-72174-2	PMP-23SW-VS	95	99	101	126
460-72174-3	PMP-23SW-VD	93	99	103	114
460-72174-4	PMP-23SW-WT	95	95	92	97
460-72174-5	PMP-8SW-VS	95	100	95	108
460-72174-6	PMP-4SW-VS	92	98	92	98
460-72174-7	PMP-4SW-VD	94	99	93	96
460-72174-8	PMP-22SW-VS	97	104	99	110
460-72174-9	PMP-22SW-VD	99	103	96	99
460-72174-10	PMP-22SW-WT	92	97	91	98
460-72174-13	PMP-6SW-VD	96	101	97	95
460-72174-14	PMP-6SW-WT	97	101	126	88
460-72174-15	PMP-6SW-SI	89	90	113	105
460-72174-16	PMP-2SW-VD	105	97	87	99
460-72174-18	PMP-2SW-SI	90	95	92	95
460-72174-19	PMP-24SW-VS	95	104	91	94
460-72174-21	PMP-10SW-SD	92	95	90	95
460-72174-23	PMP-13SW-SI	90	96	91	91
460-72174-25	PMP-28SW-VD	92	97	93	102
460-72174-27	PMP-28SW-SI	89	89	90	96
460-72174-31	PMP-7SW-VD	97	101	101	126
460-72174-34	PMP-9SW-VD	90	96	91	94
460-72174-36	PMP-9SW-SI	93	95	93	95
460-72174-37	PMP-10SW-WI	96	107	107	107*
460-72174-38	PMP-10SW-SI	88	90	91	94
MB 460-212326/6		99	103	94	96
MB 460-212478/7		97	107	95	97
MB 460-212576/6		95	103	92	94
MB 460-212899/6		100	97	85	99

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Client: Antea USA, Inc.

Job Number: 460-72174-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
LCS 460-212326/3		97	100	99	97
LCS 460-212478/4		98	99	96	99
LCS 460-212576/3		93	95	93	94
LCS 460-212899/3		102	91	88	98
LCSD 460-212326/4		97	96	95	94
LCSD 460-212478/5		92	99	92	93
LCSD 460-212576/4		94	98	91	94
LCSD 460-212899/4		107	103	92	100

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Client: Antea USA, Inc.

Job Number: 460-72174-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-72174-11	PMP-5SW-WT	85	86	84	85
460-72174-12	PMP-5SW-SI	75	81	81	80
460-72174-17	PMP-2SW-WT	81	86	84	83
460-72174-20	PMP-24SW-VD	74	86	80	81
460-72174-22	PMP-13SW-WT	79	82	76	76
460-72174-24	PMP-13SW-SD	77	82	79	81
460-72174-26	PMP-28SW-WT	86	85	85	84
460-72174-29	PMP-24SW-WT	84	91	91	94
460-72174-30	PMP-24SW-SI	72	78	77	76
460-72174-32	PMP-7SW-WI	79	85	81	79
460-72174-33	PMP-7SW-SI	78	83	82	82
460-72174-35	PMP-9SW-WT	78	84	81	81
MB 460-212239/6		99	98	99	99
MB 460-212315/7		99	100	98	98
MB 460-212509/6		101	100	101	102
MB 460-212770/6		96	98	98	96
MB 460-212905/6		97	98	98	97
LCS 460-212239/3		99	99	100	100
LCS 460-212315/4		99	97	99	99
LCS 460-212509/3		99	98	98	97
LCS 460-212770/3		109	108	107	102
LCS 460-212905/3		101	100	100	97
LCSD 460-212315/5		103	100	99	98
LCSD 460-212905/4		101	96	98	97
460-72174-11 MS	PMP-5SW-WT MS	86	87	84	85
460-72174-26 MS	PMP-28SW-WT MS	81	79	82	81
460-72284-A-9-A MS		70	82	77	76
460-72174-11 MSD	PMP-5SW-WT MSD	87	90	87	86
460-72174-26 MSD	PMP-28SW-WT MSD	84	83	84	82

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	75-135
TOL = Toluene-d8 (Surr)	59-150
BFB = Bromofluorobenzene	72-133

Client: Antea USA, Inc.

Job Number: 460-72174-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-72284-A-9-A MSD		68X	84	78	73

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	75-135
TOL = Toluene-d8 (Surr)	59-150
BFB = Bromofluorobenzene	72-133

Client: Antea USA, Inc.

Job Number: 460-72174-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-72174-28	FB-030614	105	104	99	100
MB 460-212557/7		100	106	100	101
LCS 460-212557/4		107	107	105	101
460-72133-A-1 MS		100	103	100	99
460-72133-A-1 MSD		100	101	98	97

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Client: Antea USA, Inc. Job Number: 460-72174-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-72174-1	PMP-14SW-VS	83	88	84	81	93	102
460-72174-2	PMP-23SW-VS	76	82	78	95	75	76
460-72174-3	PMP-23SW-VD	84	98	77	85	110	113
460-72174-4	PMP-23SW-WT	81	96	78	75	106	109
460-72174-5	PMP-8SW-VS	75	79	85	100	81	72
460-72174-6	PMP-4SW-VS	85	87	81	94	87	91
460-72174-7	PMP-4SW-VD	71	87	69	91	85	101
460-72174-8	PMP-22SW-VS	63	80	59	82	88	90
460-72174-9	PMP-22SW-VD	77	88	68	73	95	104
460-72174-10	PMP-22SW-WT	63	78	51	61	88	104
460-72174-11	PMP-5SW-WT	68	77	74	94	86	86
460-72174-12	PMP-5SW-SI	68	79	71	81	109	83
460-72174-13	PMP-6SW-VD	48	68	40	49	85	91
460-72174-14	PMP-6SW-WT	51	63	55	80	112	89
460-72174-15	PMP-6SW-SI	58	77	52	79	115X	88
460-72174-16	PMP-2SW-VD	57	69	57	83	97	87
460-72174-17	PMP-2SW-WT	56	68	54	86	112	91
460-72174-18	PMP-2SW-SI	56	71	53	66	101	108
460-72174-19	PMP-24SW-VS	57	69	46	65	70	94
460-72174-20 DL	PMP-24SW-VD DL	0D	0D	0D	0D	0D	0D
460-72174-21	PMP-10SW-SD	81	84	88	91	87	102
460-72174-22	PMP-13SW-WT	60	63	74	83	35	83
460-72174-23	PMP-13SW-SI	81	83	91	93	88	97
460-72174-24	PMP-13SW-SD	83	85	93	100	93	85
460-72174-25	PMP-28SW-VD	81	84	91	93	90	90
460-72174-26	PMP-28SW-WT	79	83	92	99	61	100
460-72174-27	PMP-28SW-SI	83	85	94	94	94	98
460-72174-29 DL	PMP-24SW-WT DL	0D	0D	0D	0D	0D	0D
460-72174-30	PMP-24SW-SI	85	85	94	107	87	86

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	39-103
PHL = Phenol-d5	44-104
NBZ = Nitrobenzene-d5	40-106
FBP = 2-Fluorobiphenyl	49-112
TBP = 2,4,6-Tribromophenol	19-114
TPH = Terphenyl-d14	41-145

Client: Antea USA, Inc. Job Number: 460-72174-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-72174-31	PMP-7SW-VD	85	92	101	98	63	80
460-72174-32	PMP-7SW-WI	58	73	85	104	52	80
460-72174-33	PMP-7SW-SI	67	66	76	86	55	75
460-72174-34	PMP-9SW-VD	89	93	97	97	95	112
460-72174-35	PMP-9SW-WT	71	78	90	102	52	86
460-72174-36	PMP-9SW-SI	72	77	82	84	87	81
460-72174-37	PMP-10SW-WI	90	94	99	96	87	84
460-72174-38	PMP-10SW-SI	87	89	97	99	94	103
MB 460-211603/1-A		75	86	76	84	111	85
MB 460-211728/1-A		85	88	95	92	84	111
LCS 460-211603/2-A		86	90	90	88	113	108
LCS 460-211603/3-A		71	74	72	72	91	79
LCS 460-211728/2-A		80	82	91	94	92	99
LCS 460-211728/3-A		85	88	96	96	85	111
460-72174-1 MS	PMP-14SW-VS MS	80	87	86	97	113	98
460-72174-34 MS	PMP-9SW-VD MS	86	90	95	98	103	107
460-72174-1 MSD	PMP-14SW-VS MSD	83	84	82	90	107	97
460-72174-34 MSD	PMP-9SW-VD MSD	72	74	81	85	83	86

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	39-103
PHL = Phenol-d5	44-104
NBZ = Nitrobenzene-d5	40-106
FBP = 2-Fluorobiphenyl	49-112
TBP = 2,4,6-Tribromophenol	19-114
TPH = Terphenyl-d14	41-145

Client: Antea USA, Inc. Job Number: 460-72174-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-72174-28	FB-030614	30	16	75	71	81	75
MB 460-211622/1-A		38	23	85	80	79	76
LCS 460-211622/2-A		38	20	88	82	96	62
LCS 460-211622/4-A		41	24	91	83	89	83
LCSD 460-211622/3-A		36	20	84	77	93	56
LCSD 460-211622/5-A		40	24	87	81	84	80

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	10-65
PHL = Phenol-d5	10-48
NBZ = Nitrobenzene-d5	56-112
FBP = 2-Fluorobiphenyl	53-108
TBP = 2,4,6-Tribromophenol	46-122
TPH = Terphenyl-d14	50-122

Client: Antea USA, Inc.

Job Number: 460-72174-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-72174-1	PMP-14SW-VS	81	107
460-72174-2	PMP-23SW-VS	0X	0X
460-72174-3	PMP-23SW-VD	99	103
460-72174-4	PMP-23SW-WT	113	119
460-72174-5	PMP-8SW-VS	124	130
460-72174-6	PMP-4SW-VS	0X	0X
460-72174-7	PMP-4SW-VD	85	110
460-72174-8	PMP-22SW-VS	111	117
460-72174-9	PMP-22SW-VD	102	102
460-72174-10	PMP-22SW-WT	104	105
460-72174-11	PMP-5SW-WT	0X	0X
460-72174-12	PMP-5SW-SI	0X	0X
460-72174-13	PMP-6SW-VD	122	118
460-72174-14	PMP-6SW-WT	0X	0X
460-72174-15	PMP-6SW-SI	0X	0X
460-72174-16	PMP-2SW-VD	111	110
460-72174-17	PMP-2SW-WT	0X	0X
460-72174-18	PMP-2SW-SI	123	111
460-72174-19	PMP-24SW-VS	0X	0X
460-72174-20	PMP-24SW-VD	0X	0X
460-72174-21	PMP-10SW-SD	111	110
460-72174-22	PMP-13SW-WT	0X	0X
460-72174-23	PMP-13SW-SI	101	101
460-72174-24	PMP-13SW-SD	105	107
460-72174-25	PMP-28SW-VD	103	102
460-72174-26	PMP-28SW-WT	0X	0X
460-72174-27	PMP-28SW-SI	106	105
460-72174-29	PMP-24SW-WT	0X	0X
460-72174-30	PMP-24SW-SI	0X	0X

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	45-138

Client: Antea USA, Inc.

Job Number: 460-72174-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-72174-31	PMP-7SW-VD	112	111
460-72174-32	PMP-7SW-WI	0X	0X
460-72174-33	PMP-7SW-SI	0X	0X
460-72174-34	PMP-9SW-VD	100	98
460-72174-35	PMP-9SW-WT	0X	0X
460-72174-36	PMP-9SW-SI	98	97
460-72174-37	PMP-10SW-WI	120	115
460-72174-38	PMP-10SW-SI	106	106
MB 460-211556/1-A		131	124
MB 460-211557/1-A		109	110
LCS 460-211556/2-A		135	133
LCS 460-211557/2-A		114	113
460-72174-1 MS	PMP-14SW-VS MS	92	115
460-72174-21 MS	PMP-10SW-SD MS	104	103
460-72174-1 MSD	PMP-14SW-VS MSD	81	102
460-72174-21 MSD	PMP-10SW-SD MSD	100	100

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	45-138

Client: Antea USA, Inc.

Job Number: 460-72174-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-72174-28	FB-030614	63	63
MB 460-211482/1-A		109	111
LCS 460-211482/2-A		84	86
LCSD 460-211482/3-A		86	82

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	10-150

Client: Antea USA, Inc.

Job Number: 460-72174-1

Surrogate Recovery Report

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	CB %Rec	OTPH %Rec
460-72174-1	PMP-14SW-VS	58	63
460-72174-2	PMP-23SW-VS	45	62
460-72174-3	PMP-23SW-VD	65	73
460-72174-4	PMP-23SW-WT	61	55
460-72174-5	PMP-8SW-VS	66	77
460-72174-6	PMP-4SW-VS	0X D	0X D
460-72174-7	PMP-4SW-VD	51	52
460-72174-8	PMP-22SW-VS	68	101
460-72174-9	PMP-22SW-VD	55	52
460-72174-10	PMP-22SW-WT	73	68
460-72174-11	PMP-5SW-WT	0X D	0X D
460-72174-12	PMP-5SW-SI	0X D	0X D
460-72174-13	PMP-6SW-VD	72	71
460-72174-14	PMP-6SW-WT	46	67
460-72174-15	PMP-6SW-SI	54	79
460-72174-16	PMP-2SW-VD	71	75
460-72174-17	PMP-2SW-WT	57	98
460-72174-18	PMP-2SW-SI	49	50
460-72174-19	PMP-24SW-VS	0X D	0X D
460-72174-20	PMP-24SW-VD	0X D	0X D
460-72174-21	PMP-10SW-SD	71	69
460-72174-22	PMP-13SW-WT	0X D	0X D
460-72174-23	PMP-13SW-SI	73	71
460-72174-24	PMP-13SW-SD	64	72
460-72174-25	PMP-28SW-VD	76	78
460-72174-26	PMP-28SW-WT	0X D	0X D
460-72174-27	PMP-28SW-SI	67	68
460-72174-29	PMP-24SW-WT	0X D	0X D
460-72174-30	PMP-24SW-SI	0X D	0X D

Surrogate	Acceptance Limits
CB = Chlorobenzene	40-80
OTPH = o-Terphenyl	50-105

Client: Antea USA, Inc.

Job Number: 460-72174-1

Surrogate Recovery Report

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	CB %Rec	OTPH %Rec
460-72174-31	PMP-7SW-VD	58	185X
460-72174-32	PMP-7SW-WI	0X D	0X D
460-72174-33	PMP-7SW-SI	0X D	0X D
460-72174-34	PMP-9SW-VD	65	61
460-72174-35	PMP-9SW-WT	0X D	0X D
460-72174-36	PMP-9SW-SI	51	74
460-72174-37	PMP-10SW-WI	73	74
460-72174-38	PMP-10SW-SI	67	73
MB 460-211687/1-A		94X	85
MB 460-211688/1-A		92X	87
LCS 460-211687/2-A		100X	97
LCS 460-211688/2-A		104X	103
460-72174-7 MS	PMP-4SW-VD MS	60	54
460-72174-25 MS	PMP-28SW-VD MS	78	72
460-72174-7 MSD	PMP-4SW-VD MSD	72	67
460-72174-25 MSD	PMP-28SW-VD MSD	83X	72

Surrogate	Acceptance Limits
CB = Chlorobenzene	40-80
OTPH = o-Terphenyl	50-105

Client: Antea USA, Inc.

Job Number: 460-72174-1

Surrogate Recovery Report

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	CB %Rec	OTPH %Rec
460-72174-28	FB-030614	88	84
MB 460-211471/1-A		89	71
LCS 460-211471/2-A		87	119
LCSD 460-211471/3-A		85	117

Surrogate	Acceptance Limits
CB = Chlorobenzene	42-93
OTPH = o-Terphenyl	51-123

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211405

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-72174-11	Analysis Batch:	460-212239	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	460-211405	Lab File ID:	J09921.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	6.196 g
Analysis Date:	03/13/2014 0117			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1323				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-72174-11	Analysis Batch:	460-212239	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	460-211405	Lab File ID:	J09922.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	6.196 g
Analysis Date:	03/13/2014 0142			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1323				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	102	109	52 - 144	7	30		
Bromomethane	74	36	58 - 164	70	30		F1 F2
Vinyl chloride	105	109	55 - 154	4	30		
Chloroethane	151	126	66 - 144	18	30	F1	
Methylene Chloride	105	103	78 - 118	2	30		
Acetone	117	116	48 - 177	1	30		
Carbon disulfide	104	110	70 - 120	5	30		
Trichlorofluoromethane	102	99	60 - 148	4	30		
1,1-Dichloroethene	103	104	68 - 138	1	30		
1,1-Dichloroethane	106	108	79 - 119	2	30		
trans-1,2-Dichloroethene	105	117	73 - 119	11	30		
cis-1,2-Dichloroethene	103	106	78 - 118	3	30		
Chloroform	105	106	81 - 122	1	30		
2-Butanone	127	117	70 - 139	9	30		
1,2-Dichloroethane	102	108	81 - 121	6	30		
1,1,1-Trichloroethane	103	105	78 - 118	3	30		
Carbon tetrachloride	87	84	64 - 130	4	30		
Benzene	107	110	71 - 118	3	30		
Bromoform	70	76	76 - 133	8	30	F1	
Styrene	104	104	73 - 126	0	30		
Ethylbenzene	117	103	78 - 124	13	30		
Chlorobenzene	107	107	69 - 124	0	30		
Cyclohexane	102	100	69 - 128	2	30		
Isopropylbenzene	119	119	80 - 143	1	30		
2-Hexanone	127	117	62 - 123	8	30	F1	
MTBE	95	99	65 - 143	4	30		
Freon TF	97	90	50 - 128	7	30		
Methyl acetate	96	99	72 - 165	3	30		
1,4-Dioxane	70	86	54 - 147	21	30		
Trichloroethene	104	116	82 - 122	11	30		
Toluene	108	112	79 - 136	3	30		
trans-1,3-Dichloropropene	95	99	73 - 118	4	30		
4-Methyl-2-pentanone	96	96	69 - 124	0	30		

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211405

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-72174-11	Analysis Batch:	460-212239	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	460-211405	Lab File ID:	J09921.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	6.196 g
Analysis Date:	03/13/2014 0117			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1323				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-72174-11	Analysis Batch:	460-212239	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	460-211405	Lab File ID:	J09922.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	6.196 g
Analysis Date:	03/13/2014 0142			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1323				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
cis-1,3-Dichloropropene	98	103	75 - 120	5	30		
1,2-Dichlorobenzene	106	104	83 - 123	2	30		
1,3-Dichlorobenzene	125	129	83 - 123	3	30	F1	F1
1,4-Dichlorobenzene	106	110	84 - 124	2	30		
1,2,4-Trichlorobenzene	110	113	62 - 144	2	30		
1,2,3-Trichlorobenzene	111	121	36 - 207	5	30		
1,2-Dichloropropane	102	106	78 - 118	3	30		
Methylcyclohexane	117	113	80 - 134	3	30		
Tetrachloroethene	116	119	78 - 136	3	30		
Xylenes, Total	116	107	78 - 126	8	30		
1,2-Dibromo-3-Chloropropane	89	85	62 - 127	4	30		
1,1,2,2-Tetrachloroethane	97	105	86 - 145	8	30		
1,1,2-Trichloroethane	95	103	77 - 120	9	30		
Dibromochloromethane	86	85	78 - 118	1	30		
1,2-Dibromoethane	99	98	76 - 120	2	30		
Dichlorodifluoromethane	99	105	41 - 149	6	30		
Bromochloromethane	106	103	81 - 121	3	30		
Bromodichloromethane	95	97	78 - 118	2	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87	90	75 - 135
Toluene-d8 (Surr)	84	87	59 - 150
Bromofluorobenzene	85	86	72 - 133

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211405

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-72174-26	Analysis Batch:	460-212509	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	460-211405	Lab File ID:	J09976.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5.456 g
Analysis Date:	03/14/2014 0304			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1337				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-72174-26	Analysis Batch:	460-212509	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	460-211405	Lab File ID:	J09977.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5.456 g
Analysis Date:	03/14/2014 0329			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1337				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	99	104	52 - 144	5	30		
Bromomethane	27	30	58 - 164	11	30	F1	F1
Vinyl chloride	108	108	55 - 154	0	30		
Chloroethane	104	134	66 - 144	25	30		
Methylene Chloride	104	106	78 - 118	2	30		
Acetone	115	122	48 - 177	5	30		
Carbon disulfide	104	111	70 - 120	6	30		
Trichlorofluoromethane	95	98	60 - 148	3	30		
1,1-Dichloroethene	105	113	68 - 138	7	30		
1,1-Dichloroethane	110	108	79 - 119	2	30		
trans-1,2-Dichloroethene	108	111	73 - 119	3	30		
cis-1,2-Dichloroethene	99	108	78 - 118	8	30		
Chloroform	103	106	81 - 122	3	30		
2-Butanone	117	132	70 - 139	12	30		
1,2-Dichloroethane	103	103	81 - 121	1	30		
1,1,1-Trichloroethane	104	103	78 - 118	1	30		
Carbon tetrachloride	82	88	64 - 130	6	30		
Benzene	108	109	71 - 118	1	30		
Bromoform	67	72	76 - 133	7	30	F1	F1
Styrene	99	101	73 - 126	2	30		
Ethylbenzene	102	107	78 - 124	5	30		
Chlorobenzene	104	103	69 - 124	1	30		
Cyclohexane	99	101	69 - 128	2	30		
Isopropylbenzene	113	115	80 - 143	2	30		
2-Hexanone	117	124	62 - 123	5	30		F1
MTBE	97	94	65 - 143	3	30		
Freon TF	106	105	50 - 128	1	30		
Methyl acetate	96	96	72 - 165	1	30		
1,4-Dioxane	64	102	54 - 147	45	30		F2
Trichloroethene	108	112	82 - 122	4	30		
Toluene	106	107	79 - 136	1	30		
trans-1,3-Dichloropropene	97	94	73 - 118	3	30		
4-Methyl-2-pentanone	92	90	69 - 124	2	30		

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211405

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-72174-26	Analysis Batch:	460-212509	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	460-211405	Lab File ID:	J09976.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5.456 g
Analysis Date:	03/14/2014 0304			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1337				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-72174-26	Analysis Batch:	460-212509	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	460-211405	Lab File ID:	J09977.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5.456 g
Analysis Date:	03/14/2014 0329			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1337				5 mL
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
cis-1,3-Dichloropropene	95	97	75 - 120	3	30		
1,2-Dichlorobenzene	106	110	83 - 123	4	30		
1,3-Dichlorobenzene	105	112	83 - 123	7	30		
1,4-Dichlorobenzene	108	111	84 - 124	2	30		
1,2,4-Trichlorobenzene	112	136	62 - 144	8	30		
1,2,3-Trichlorobenzene	96	114	36 - 207	12	30		
1,2-Dichloropropane	103	111	78 - 118	7	30		
Methylcyclohexane	112	112	80 - 134	0	30		
Tetrachloroethene	113	115	78 - 136	2	30		
Xylenes, Total	103	107	78 - 126	3	30		
1,2-Dibromo-3-Chloropropane	69	78	62 - 127	13	30		
1,1,2,2-Tetrachloroethane	98	101	86 - 145	3	30		
1,1,2-Trichloroethane	101	102	77 - 120	1	30		
Dibromochloromethane	83	83	78 - 118	0	30		
1,2-Dibromoethane	91	96	76 - 120	5	30		
Dichlorodifluoromethane	93	92	41 - 149	1	30		
Bromochloromethane	103	104	81 - 121	1	30		
Bromodichloromethane	92	94	78 - 118	3	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	79	83	75 - 135
Toluene-d8 (Surr)	82	84	59 - 150
Bromofluorobenzene	81	82	72 - 133

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211405

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-72174-11	Units:	ug/Kg	MSD Lab Sample ID:	460-72174-11
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	100			Dilution:	100
Analysis Date:	03/13/2014 0117			Analysis Date:	03/13/2014 0142
Prep Date:	03/08/2014 1323			Prep Date:	03/08/2014 1323
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Chloromethane	8.3	U	1720	1720	1760		1880	
Bromomethane	16	U	1720	1720	1280		617	F1 F2
Vinyl chloride	12	U	1720	1720	1810		1890	
Chloroethane	15	U	1720	1720	2600	F1	2170	
Methylene Chloride	16	U	1720	1720	1810		1780	
Acetone	230	U	8610	8610	10100		10000	
Carbon disulfide	11	U	1720	1720	1790		1890	
Trichlorofluoromethane	13	U	1720	1720	1770		1700	
1,1-Dichloroethene	7.6	U	1720	1720	1780		1800	
1,1-Dichloroethane	11	U	1720	1720	1830		1860	
trans-1,2-Dichloroethene	11	U	1720	1720	1810		2020	
cis-1,2-Dichloroethene	15	U	1720	1720	1770		1820	
Chloroform	6.8	U	1720	1720	1820		1830	
2-Butanone	200	U	8610	8610	11000		10100	
1,2-Dichloroethane	16	U	1720	1720	1760		1870	
1,1,1-Trichloroethane	5.4	U	1720	1720	1770		1820	
Carbon tetrachloride	4.9	U	1720	1720	1510		1450	
Benzene	7.1	U	1720	1720	1840		1900	
Bromoform	17	U	1720	1720	1210	F1	1310	
Styrene	10	U	1720	1720	1800		1790	
Ethylbenzene	8.3	U	1720	1720	2020		1770	
Chlorobenzene	9.5	U	1720	1720	1850		1850	
Cyclohexane	14	U	1720	1720	1750		1730	
Isopropylbenzene	23	J	1720	1720	2080		2070	
2-Hexanone	43	U	8610	8610	10900	F1	10100	
MTBE	12	U	1720	1720	1640		1710	
Freon TF	7.1	U	1720	1720	1680		1560	
Methyl acetate	29	U	8610	8610	8280		8490	
1,4-Dioxane	3100	U	34500	34500	24100		29800	
Trichloroethene	7.9	U	1720	1720	1800		2000	
Toluene	13	U	1720	1720	1870		1930	
trans-1,3-Dichloropropene	21	U	1720	1720	1640		1710	
4-Methyl-2-pentanone	85	U	8610	8610	8270		8270	
cis-1,3-Dichloropropene	16	U	1720	1720	1690		1770	
1,2-Dichlorobenzene	320		1720	1720	2150		2110	
1,3-Dichlorobenzene	12	U	1720	1720	2160	F1	2210	F1
1,4-Dichlorobenzene	1600		1720	1720	3390		3450	
1,2,4-Trichlorobenzene	970		1720	1720	2860		2910	
1,2,3-Trichlorobenzene	1200		1720	1720	3140		3310	
1,2-Dichloropropane	7.4	U	1720	1720	1760		1830	
Methylcyclohexane	12	U	1720	1720	2010		1940	
Tetrachloroethene	8.4	U	1720	1720	2000		2050	
Xylenes, Total	300		3450	3450	4310		3990	

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211405

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-72174-11	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	100		
Analysis Date:	03/13/2014 0117		
Prep Date:	03/08/2014 1323		
Leach Date:	N/A		

MSD Lab Sample ID:	460-72174-11
Client Matrix:	Solid
Dilution:	100
Analysis Date:	03/13/2014 0142
Prep Date:	03/08/2014 1323
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,2-Dibromo-3-Chloropropane	34	U	1720	1720	1530	1470
1,1,2,2-Tetrachloroethane	14	U	1720	1720	1660	1800
1,1,2-Trichloroethane	16	U	1720	1720	1630	1780
Dibromochloromethane	17	U	1720	1720	1480	1470
1,2-Dibromoethane	24	U	1720	1720	1710	1680
Dichlorodifluoromethane	19	U	1720	1720	1710	1810
Bromochloromethane	24	U	1720	1720	1830	1770
Bromodichloromethane	11	U	1720	1720	1630	1670

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211405

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-72174-26	Units:	ug/Kg	MSD Lab Sample ID:	460-72174-26
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	100			Dilution:	100
Analysis Date:	03/14/2014 0304			Analysis Date:	03/14/2014 0329
Prep Date:	03/08/2014 1337			Prep Date:	03/08/2014 1337
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Chloromethane	10	U	2120	2120	2100		2210	
Bromomethane	19	U	2120	2120	578	F1	647	F1
Vinyl chloride	15	U	2120	2120	2290		2300	
Chloroethane	18	U	2120	2120	2210		2840	
Methylene Chloride	19	U	2120	2120	2210		2250	
Acetone	280	U	10600	10600	12200		12900	
Carbon disulfide	13	U	2120	2120	2200		2350	
Trichlorofluoromethane	15	U	2120	2120	2010		2080	
1,1-Dichloroethene	9.4	U	2120	2120	2220		2390	
1,1-Dichloroethane	14	U	2120	2120	2330		2290	
trans-1,2-Dichloroethene	14	U	2120	2120	2290		2360	
cis-1,2-Dichloroethene	19	U	2120	2120	2110		2280	
Chloroform	8.3	U	2120	2120	2190		2250	
2-Butanone	250	U	10600	10600	12400		14000	
1,2-Dichloroethane	20	U	2120	2120	2180		2190	
1,1,1-Trichloroethane	6.6	U	2120	2120	2210		2180	
Carbon tetrachloride	6.0	U	2120	2120	1750		1860	
Benzene	8.8	U	2120	2120	2280		2310	
Bromoform	20	U	2120	2120	1410	F1	1520	F1
Styrene	13	U	2120	2120	2100		2140	
Ethylbenzene	10	U	2120	2120	2160		2260	
Chlorobenzene	12	U	2120	2120	2210		2190	
Cyclohexane	17	U	2120	2120	2100		2140	
Isopropylbenzene	8.1	U	2120	2120	2400		2430	
2-Hexanone	53	U	10600	10600	12500		13100	F1
MTBE	15	U	2120	2120	2060		1990	
Freon TF	8.7	U	2120	2120	2240		2220	
Methyl acetate	36	U	10600	10600	10200		10200	
1,4-Dioxane	3800	U	42400	42400	27200		43200	F2
Trichloroethene	23	J	2120	2120	2320		2400	
Toluene	16	U	2120	2120	2260		2280	
trans-1,3-Dichloropropene	26	U	2120	2120	2050		1990	
4-Methyl-2-pentanone	100	U	10600	10600	9720		9550	
cis-1,3-Dichloropropene	20	U	2120	2120	2000		2060	
1,2-Dichlorobenzene	22	U	2120	2120	2250		2330	
1,3-Dichlorobenzene	14	U	2120	2120	2220		2390	
1,4-Dichlorobenzene	25	U	2120	2120	2300		2350	
1,2,4-Trichlorobenzene	3700		2120	2120	6120		6620	
1,2,3-Trichlorobenzene	810		2120	2120	2860		3240	
1,2-Dichloropropane	9.1	U	2120	2120	2180		2350	
Methylcyclohexane	14	U	2120	2120	2370		2380	
Tetrachloroethene	10	U	2120	2120	2390		2450	
Xylenes, Total	38	U	4240	4240	4390		4530	

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211405

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-72174-26	Units:	ug/Kg	MSD Lab Sample ID:	460-72174-26
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	100			Dilution:	100
Analysis Date:	03/14/2014 0304			Analysis Date:	03/14/2014 0329
Prep Date:	03/08/2014 1337			Prep Date:	03/08/2014 1337
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,2-Dibromo-3-Chloropropane	42	U	2120	2120	1450	1660
1,1,2,2-Tetrachloroethane	17	U	2120	2120	2080	2150
1,1,2-Trichloroethane	20	U	2120	2120	2140	2160
Dibromochloromethane	21	U	2120	2120	1760	1770
1,2-Dibromoethane	29	U	2120	2120	1930	2030
Dichlorodifluoromethane	23	U	2120	2120	1970	1960
Bromochloromethane	29	U	2120	2120	2190	2200
Bromodichloromethane	13	U	2120	2120	1950	2000

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212103

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-72284-A-9-A MS	Analysis Batch:	460-212770	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	460-212103	Lab File ID:	J10032.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	4.65 g
Analysis Date:	03/15/2014 0728			Final Weight/Volume:	10 mL
Prep Date:	03/12/2014 1030				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-72284-A-9-A MSD	Analysis Batch:	460-212770	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	460-212103	Lab File ID:	J10033.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	4.65 g
Analysis Date:	03/15/2014 0753			Final Weight/Volume:	10 mL
Prep Date:	03/12/2014 1030				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	91	93	52 - 144	2	30		
Bromomethane	29	29	58 - 164	0	30	F1	F1
Vinyl chloride	94	87	55 - 154	8	30		
Chloroethane	74	107	66 - 144	37	30		F2
Methylene Chloride	109	115	78 - 118	5	30		
Acetone	110	118	48 - 177	7	30		
Carbon disulfide	95	95	70 - 120	0	30		
Trichlorofluoromethane	69	65	60 - 148	5	30		
1,1-Dichloroethene	90	90	68 - 138	0	30		
1,1-Dichloroethane	101	101	79 - 119	0	30		
trans-1,2-Dichloroethene	99	95	73 - 119	5	30		
cis-1,2-Dichloroethene	97	93	78 - 118	5	30		
Chloroform	34	39	81 - 122	13	30	F1	F1
2-Butanone	104	110	70 - 139	5	30		
1,2-Dichloroethane	93	91	81 - 121	1	30		
1,1,1-Trichloroethane	93	94	78 - 118	1	30		
Carbon tetrachloride	66	68	64 - 130	2	30		
Benzene	329	309	71 - 118	2	30	4	4
Bromoform	68	67	76 - 133	1	30	F1	F1
Styrene	103	105	73 - 126	1	30		
Ethylbenzene	189	199	78 - 124	2	30	F1	F1
Chlorobenzene	112	114	69 - 124	2	30		
Cyclohexane	2226	2012	69 - 128	10	30	F1	F1
Isopropylbenzene	121	123	80 - 143	0	30	4	4
2-Hexanone	123	119	62 - 123	4	30		
MTBE	97	97	65 - 143	0	30		
Freon TF	57	54	50 - 128	5	30		
Methyl acetate	1045	869	72 - 165	18	30	F1	F1
1,4-Dioxane	65	103	54 - 147	45	30		F2
Trichloroethene	109	112	82 - 122	3	30		
Toluene	206	205	79 - 136	0	30	F1	F1
trans-1,3-Dichloropropene	90	90	73 - 118	0	30		
4-Methyl-2-pentanone	118	122	69 - 124	4	30		

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212103

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-72284-A-9-A MS	Analysis Batch:	460-212770	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	460-212103	Lab File ID:	J10032.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	4.65 g
Analysis Date:	03/15/2014 0728			Final Weight/Volume:	10 mL
Prep Date:	03/12/2014 1030				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-72284-A-9-A MSD	Analysis Batch:	460-212770	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	460-212103	Lab File ID:	J10033.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	4.65 g
Analysis Date:	03/15/2014 0753			Final Weight/Volume:	10 mL
Prep Date:	03/12/2014 1030				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
cis-1,3-Dichloropropene	90	89	75 - 120	1	30		
1,2-Dichlorobenzene	98	99	83 - 123	0	30		
1,3-Dichlorobenzene	98	98	83 - 123	0	30		
1,4-Dichlorobenzene	99	98	84 - 124	2	30		
1,2,4-Trichlorobenzene	96	101	62 - 144	5	30		
1,2,3-Trichlorobenzene	94	101	36 - 207	7	30		
1,2-Dichloropropane	103	102	78 - 118	0	30		
Methylcyclohexane	-463	-629	80 - 134	10	30	4	4
Tetrachloroethene	103	101	78 - 136	2	30		
Xylenes, Total	214	201	78 - 126	2	30	4	4
1,2-Dibromo-3-Chloropropane	85	121	62 - 127	35	30		F2
1,1,2,2-Tetrachloroethane	229	218	86 - 145	5	30	F1	F1
1,1,2-Trichloroethane	63	11	77 - 120	139	30	F1	F1 F2
Dibromochloromethane	76	79	78 - 118	4	30	F1	
1,2-Dibromoethane	6	5	76 - 120	14	30	J F1	J F1
Dichlorodifluoromethane	59	47	41 - 149	22	30		
Bromochloromethane	95	100	81 - 121	5	30		
Bromodichloromethane	155	59	78 - 118	90	30	F1	F1 F2

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82	84	75 - 135
Toluene-d8 (Surr)	77	78	59 - 150
Bromofluorobenzene	76	73	72 - 133

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212103

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-72284-A-9-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-72284-A-9-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	100			Dilution:	100
Analysis Date:	03/15/2014 0728			Analysis Date:	03/15/2014 0753
Prep Date:	03/12/2014 1030			Prep Date:	03/12/2014 1030
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Chloromethane	12	U	2480	2480	2270		2310	
Bromomethane	22	U	2480	2480	730	F1	731	F1
Vinyl chloride	18	U	2480	2480	2330		2160	
Chloroethane	21	U	2480	2480	1830		2650	F2
Methylene Chloride	23	U	2480	2480	2710		2850	
Acetone	330	U	12400	12400	13600		14600	
Carbon disulfide	16	U	2480	2480	2350		2350	
Trichlorofluoromethane	18	U	2480	2480	1710		1620	
1,1-Dichloroethene	11	U	2480	2480	2230		2230	
1,1-Dichloroethane	16	U	2480	2480	2500		2500	
trans-1,2-Dichloroethene	16	U	2480	2480	2460		2350	
cis-1,2-Dichloroethene	22	U	2480	2480	2420		2300	
Chloroform	9.7	U	2480	2480	843	F1	964	F1
2-Butanone	290	U	12400	12400	13000		13600	
1,2-Dichloroethane	23	U	2480	2480	2300		2270	
1,1,1-Trichloroethane	7.7	U	2480	2480	2310		2320	
Carbon tetrachloride	7.1	U	2480	2480	1640		1680	
Benzene	24000		2480	2480	32300	4	31800	4
Bromoform	24	U	2480	2480	1680	F1	1670	F1
Styrene	15	U	2480	2480	2570		2600	
Ethylbenzene	9700		2480	2480	14300	F1	14600	F1
Chlorobenzene	14	U	2480	2480	2790		2840	
Cyclohexane	20	U	2480	2480	55200	F1	49900	F1
Isopropylbenzene	19000		2480	2480	21700	4	21800	4
2-Hexanone	62	U	12400	12400	15300		14700	
MTBE	17	U	2480	2480	2400		2410	
Freon TF	10	U	2480	2480	1410		1340	
Methyl acetate	42	U	12400	12400	130000	F1	108000	F1
1,4-Dioxane	4500	U	49600	49600	32300		51000	F2
Trichloroethene	11	U	2480	2480	2690		2770	
Toluene	9800		2480	2480	14900	F1	14900	F1
trans-1,3-Dichloropropene	30	U	2480	2480	2230		2230	
4-Methyl-2-pentanone	120	U	12400	12400	14600		15100	
cis-1,3-Dichloropropene	23	U	2480	2480	2240		2210	
1,2-Dichlorobenzene	25	U	2480	2480	2440		2450	
1,3-Dichlorobenzene	17	U	2480	2480	2440		2440	
1,4-Dichlorobenzene	29	U	2480	2480	2460		2420	
1,2,4-Trichlorobenzene	42	U	2480	2480	2380		2500	
1,2,3-Trichlorobenzene	63	U	2480	2480	2330		2500	
1,2-Dichloropropane	11	U	2480	2480	2550		2540	
Methylcyclohexane	57000		2480	2480	45300	4	41200	4
Tetrachloroethene	12	U	2480	2480	2550		2500	
Xylenes, Total	20000		4960	4960	30500	4	29900	4

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212103

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-72284-A-9-A MS	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	100		
Analysis Date:	03/15/2014 0728		
Prep Date:	03/12/2014 1030		
Leach Date:	N/A		

MSD Lab Sample ID:	460-72284-A-9-A MSD
Client Matrix:	Solid
Dilution:	100
Analysis Date:	03/15/2014 0753
Prep Date:	03/12/2014 1030
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,2-Dibromo-3-Chloropropane	50	U	2480	2480	2110		3000	F2
1,1,2,2-Tetrachloroethane	20	U	2480	2480	5680	F1	5400	F1
1,1,2-Trichloroethane	23	U	2480	2480	1560	F1	280	F1 F2
Dibromochloromethane	25	U	2480	2480	1890	F1	1960	
1,2-Dibromoethane	34	U	2480	2480	145	J F1	126	J F1
Dichlorodifluoromethane	27	U	2480	2480	1460		1160	
Bromochloromethane	34	U	2480	2480	2360		2490	
Bromodichloromethane	16	U	2480	2480	3850	F1	1460	F1 F2

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-212239

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-212239/6	Analysis Batch:	460-212239	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J09917.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/12/2014 2242	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	4.8	U	4.8	50
Bromomethane	9.1	U	9.1	50
Vinyl chloride	7.2	U	7.2	50
Chloroethane	8.5	U	8.5	50
Methylene Chloride	9.1	U	9.1	50
Acetone	130	U	130	250
Carbon disulfide	6.3	U	6.3	50
Trichlorofluoromethane	7.3	U	7.3	50
1,1-Dichloroethene	4.4	U	4.4	50
1,1-Dichloroethane	6.5	U	6.5	50
trans-1,2-Dichloroethene	6.4	U	6.4	50
cis-1,2-Dichloroethene	8.9	U	8.9	50
Chloroform	3.9	U	3.9	50
2-Butanone	120	U	120	250
1,2-Dichloroethane	9.5	U	9.5	50
1,1,1-Trichloroethane	3.1	U	3.1	50
Carbon tetrachloride	2.9	U	2.9	50
Benzene	4.1	U	4.1	50
Bromoform	9.6	U	9.6	50
Styrene	5.9	U	5.9	50
Ethylbenzene	4.8	U	4.8	50
Chlorobenzene	5.5	U	5.5	50
Cyclohexane	7.9	U	7.9	50
Isopropylbenzene	3.8	U	3.8	50
2-Hexanone	25	U	25	250
MTBE	6.9	U	6.9	50
Freon TF	4.1	U	4.1	50
Methyl acetate	17	U	17	250
1,4-Dioxane	1800	U	1800	2500
Trichloroethene	4.6	U	4.6	50
Toluene	7.5	U	7.5	50
trans-1,3-Dichloropropene	12	U	12	50
4-Methyl-2-pentanone	49	U	49	250
cis-1,3-Dichloropropene	9.2	U	9.2	50
1,2-Dichlorobenzene	10	U	10	50
1,3-Dichlorobenzene	6.8	U	6.8	50
1,4-Dichlorobenzene	12	U	12	50
1,2,4-Trichlorobenzene	17	U	17	50
1,2,3-Trichlorobenzene	26	U	26	50
1,2-Dichloropropane	4.3	U	4.3	50
Methylcyclohexane	6.8	U	6.8	50
Tetrachloroethene	4.9	U	4.9	50
Xylenes, Total	18	U	18	100
1,2-Dibromo-3-Chloropropane	20	U	20	50
1,1,2,2-Tetrachloroethane	7.9	U	7.9	50

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-212239

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-212239/6	Analysis Batch:	460-212239	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J09917.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/12/2014 2242	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	9.4	U	9.4	50
Dibromochloromethane	10	U	10	50
1,2-Dibromoethane	14	U	14	50
Dichlorodifluoromethane	11	U	11	50
Bromochloromethane	14	U	14	50
Bromodichloromethane	6.3	U	6.3	50

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	75 - 135
Toluene-d8 (Surr)	99	59 - 150
Bromofluorobenzene	99	72 - 133
Dibromofluoromethane (Surr)	99	70 - 130

Method Blank TICs- Batch: 460-212239

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample - Batch: 460-212239

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-212239/3	Analysis Batch:	460-212239	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J09914.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/12/2014 2127	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	1000	949	95	52 - 144	
Bromomethane	1000	1100	110	58 - 154	
Vinyl chloride	1000	999	100	55 - 154	
Chloroethane	1000	1510	151	66 - 144	*
Methylene Chloride	1000	1040	104	78 - 118	
Acetone	5000	6280	126	48 - 177	
Carbon disulfide	1000	1090	109	70 - 120	
Trichlorofluoromethane	1000	1000	100	60 - 148	
1,1-Dichloroethene	1000	1020	102	68 - 138	
1,1-Dichloroethane	1000	1040	104	79 - 119	
trans-1,2-Dichloroethene	1000	1080	108	73 - 119	
cis-1,2-Dichloroethene	1000	1020	102	78 - 118	
Chloroform	1000	1020	102	81 - 122	
2-Butanone	5000	6720	134	70 - 139	
1,2-Dichloroethane	1000	1020	102	81 - 121	
1,1,1-Trichloroethane	1000	1030	103	78 - 118	
Carbon tetrachloride	1000	883	88	64 - 130	
Benzene	1000	1040	104	71 - 118	
Bromoform	1000	773	77	76 - 133	
Styrene	1000	993	99	73 - 126	
Ethylbenzene	1000	972	97	78 - 124	
Chlorobenzene	1000	1020	102	69 - 124	
Cyclohexane	1000	960	96	69 - 128	
Isopropylbenzene	1000	1120	112	80 - 143	
2-Hexanone	5000	6510	130	62 - 123	*
MTBE	1000	940	94	65 - 143	
Freon TF	1000	1010	101	50 - 128	
Methyl acetate	5000	4570	91	72 - 165	
1,4-Dioxane	20000	22900	114	54 - 147	
Trichloroethene	1000	1060	106	82 - 122	
Toluene	1000	1040	104	79 - 136	
trans-1,3-Dichloropropene	1000	996	100	73 - 118	
4-Methyl-2-pentanone	5000	4520	90	69 - 124	
cis-1,3-Dichloropropene	1000	1010	101	75 - 120	
1,2-Dichlorobenzene	1000	1010	101	83 - 123	
1,3-Dichlorobenzene	1000	1050	105	83 - 123	
1,4-Dichlorobenzene	1000	1050	105	84 - 124	
1,2,4-Trichlorobenzene	1000	1080	108	62 - 144	
1,2,3-Trichlorobenzene	1000	1060	106	36 - 207	
1,2-Dichloropropane	1000	1020	102	78 - 118	
Methylcyclohexane	1000	962	96	80 - 134	
Tetrachloroethene	1000	1130	113	78 - 136	
Xylenes, Total	2000	2060	103	78 - 126	
1,2-Dibromo-3-Chloropropane	1000	798	80	62 - 127	
1,1,2,2-Tetrachloroethane	1000	970	97	86 - 145	
1,1,2-Trichloroethane	1000	1020	102	77 - 120	

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample - Batch: 460-212239

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-212239/3	Analysis Batch:	460-212239	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J09914.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/12/2014 2127	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	1000	894	89	78 - 118	
1,2-Dibromoethane	1000	959	96	76 - 120	
Dichlorodifluoromethane	1000	964	96	41 - 149	
Bromochloromethane	1000	1040	104	81 - 121	
Bromodichloromethane	1000	983	98	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	75 - 135
Toluene-d8 (Surr)	100	59 - 150
Bromofluorobenzene	100	72 - 133

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-212315

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-212315/7	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J09941.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 1110	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	4.8	U	4.8	50
Bromomethane	9.1	U	9.1	50
Vinyl chloride	7.2	U	7.2	50
Chloroethane	8.5	U	8.5	50
Methylene Chloride	9.1	U	9.1	50
Acetone	130	U	130	250
Carbon disulfide	6.3	U	6.3	50
Trichlorofluoromethane	7.3	U	7.3	50
1,1-Dichloroethene	4.4	U	4.4	50
1,1-Dichloroethane	6.5	U	6.5	50
trans-1,2-Dichloroethene	6.4	U	6.4	50
cis-1,2-Dichloroethene	8.9	U	8.9	50
Chloroform	3.9	U	3.9	50
2-Butanone	120	U	120	250
1,2-Dichloroethane	9.5	U	9.5	50
1,1,1-Trichloroethane	3.1	U	3.1	50
Carbon tetrachloride	2.9	U	2.9	50
Benzene	4.1	U	4.1	50
Bromoform	9.6	U	9.6	50
Styrene	5.9	U	5.9	50
Ethylbenzene	4.8	U	4.8	50
Chlorobenzene	5.5	U	5.5	50
Cyclohexane	7.9	U	7.9	50
Isopropylbenzene	3.8	U	3.8	50
2-Hexanone	25	U	25	250
MTBE	6.9	U	6.9	50
Freon TF	4.1	U	4.1	50
Methyl acetate	17	U	17	250
1,4-Dioxane	1800	U	1800	2500
Trichloroethene	4.6	U	4.6	50
Toluene	7.5	U	7.5	50
trans-1,3-Dichloropropene	12	U	12	50
4-Methyl-2-pentanone	49	U	49	250
cis-1,3-Dichloropropene	9.2	U	9.2	50
1,2-Dichlorobenzene	10	U	10	50
1,3-Dichlorobenzene	6.8	U	6.8	50
1,4-Dichlorobenzene	12	U	12	50
1,2,4-Trichlorobenzene	17	U	17	50
1,2,3-Trichlorobenzene	26	U	26	50
1,2-Dichloropropane	4.3	U	4.3	50
Methylcyclohexane	6.8	U	6.8	50
Tetrachloroethene	4.9	U	4.9	50
Xylenes, Total	18	U	18	100
1,2-Dibromo-3-Chloropropane	20	U	20	50
1,1,2,2-Tetrachloroethane	7.9	U	7.9	50

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-212315

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-212315/7	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J09941.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 1110	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	9.4	U	9.4	50
Dibromochloromethane	10	U	10	50
1,2-Dibromoethane	14	U	14	50
Dichlorodifluoromethane	11	U	11	50
Bromochloromethane	14	U	14	50
Bromodichloromethane	6.3	U	6.3	50

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	75 - 135
Toluene-d8 (Surr)	98	59 - 150
Bromofluorobenzene	98	72 - 133
Dibromofluoromethane (Surr)	99	70 - 130

Method Blank TICs- Batch: 460-212315

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-212315

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-212315/4	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J09938.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 0944	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-212315/5	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J09939.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 1009	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	96	100	52 - 144	4	30		
Bromomethane	104	102	58 - 154	1	30		
Vinyl chloride	95	102	55 - 154	7	30		
Chloroethane	129	124	66 - 144	4	30		
Methylene Chloride	101	104	78 - 118	3	30		
Acetone	115	109	48 - 177	5	30		
Carbon disulfide	96	108	70 - 120	11	30		
Trichlorofluoromethane	91	100	60 - 148	9	30		
1,1-Dichloroethene	95	104	68 - 138	9	30		
1,1-Dichloroethane	102	109	79 - 119	7	30		
trans-1,2-Dichloroethene	98	109	73 - 119	10	30		
cis-1,2-Dichloroethene	99	99	78 - 118	0	30		
Chloroform	101	106	81 - 122	4	30		
2-Butanone	120	109	70 - 139	10	30		
1,2-Dichloroethane	101	107	81 - 121	6	30		
1,1,1-Trichloroethane	102	106	78 - 118	4	30		
Carbon tetrachloride	80	88	64 - 130	9	30		
Benzene	103	105	71 - 118	2	30		
Bromoform	83	85	76 - 133	3	30		
Styrene	102	105	73 - 126	3	30		
Ethylbenzene	101	101	78 - 124	0	30		
Chlorobenzene	101	103	69 - 124	1	30		
Cyclohexane	86	96	69 - 128	11	30		
Isopropylbenzene	106	111	80 - 143	5	30		
2-Hexanone	124	116	62 - 123	7	30	*	
MTBE	98	103	65 - 143	5	30		
Freon TF	78	87	50 - 128	11	30		
Methyl acetate	99	102	72 - 165	3	30		
1,4-Dioxane	128	127	54 - 147	1	30		
Trichloroethene	100	110	82 - 122	10	30		
Toluene	102	106	79 - 136	3	30		
trans-1,3-Dichloropropene	105	106	73 - 118	1	30		
4-Methyl-2-pentanone	100	103	69 - 124	3	30		
cis-1,3-Dichloropropene	102	103	75 - 120	2	30		
1,2-Dichlorobenzene	103	108	83 - 123	4	30		
1,3-Dichlorobenzene	103	109	83 - 123	6	30		

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-212315

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-212315/4	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J09938.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 0944	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-212315/5	Analysis Batch:	460-212315	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J09939.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 1009	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	102	106	84 - 124	4	30		
1,2,4-Trichlorobenzene	106	112	62 - 144	6	30		
1,2,3-Trichlorobenzene	107	107	36 - 207	0	30		
1,2-Dichloropropane	100	106	78 - 118	5	30		
Methylcyclohexane	83	93	80 - 134	11	30		
Tetrachloroethene	105	110	78 - 136	5	30		
Xylenes, Total	105	106	78 - 126	1	30		
1,2-Dibromo-3-Chloropropane	83	90	62 - 127	8	30		
1,1,2,2-Tetrachloroethane	101	99	86 - 145	2	30		
1,1,2-Trichloroethane	101	104	77 - 120	3	30		
Dibromochloromethane	89	95	78 - 118	6	30		
1,2-Dibromoethane	98	98	76 - 120	0	30		
Dichlorodifluoromethane	81	93	41 - 149	14	30		
Bromochloromethane	100	102	81 - 121	2	30		
Bromodichloromethane	97	99	78 - 118	2	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	100	75 - 135
Toluene-d8 (Surr)	99	99	59 - 150
Bromofluorobenzene	99	98	72 - 133

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-212315

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-212315/4	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-212315/5
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	03/13/2014 0944			Analysis Date:	03/13/2014 1009
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual
Chloromethane	1000	1000	962		1000
Bromomethane	1000	1000	1040		1020
Vinyl chloride	1000	1000	954		1020
Chloroethane	1000	1000	1290		1240
Methylene Chloride	1000	1000	1010		1040
Acetone	5000	5000	5730		5430
Carbon disulfide	1000	1000	962		1080
Trichlorofluoromethane	1000	1000	911		996
1,1-Dichloroethene	1000	1000	950		1040
1,1-Dichloroethane	1000	1000	1020		1090
trans-1,2-Dichloroethene	1000	1000	982		1090
cis-1,2-Dichloroethene	1000	1000	986		990
Chloroform	1000	1000	1010		1060
2-Butanone	5000	5000	6020		5470
1,2-Dichloroethane	1000	1000	1010		1070
1,1,1-Trichloroethane	1000	1000	1020		1060
Carbon tetrachloride	1000	1000	801		876
Benzene	1000	1000	1030		1050
Bromoform	1000	1000	831		855
Styrene	1000	1000	1020		1050
Ethylbenzene	1000	1000	1010		1010
Chlorobenzene	1000	1000	1010		1030
Cyclohexane	1000	1000	861		964
Isopropylbenzene	1000	1000	1060		1110
2-Hexanone	5000	5000	6210	*	5780
MTBE	1000	1000	982		1030
Freon TF	1000	1000	782		875
Methyl acetate	5000	5000	4940		5110
1,4-Dioxane	20000	20000	25700		25500
Trichloroethene	1000	1000	1000		1100
Toluene	1000	1000	1020		1060
trans-1,3-Dichloropropene	1000	1000	1050		1060
4-Methyl-2-pentanone	5000	5000	4990		5160
cis-1,3-Dichloropropene	1000	1000	1020		1030
1,2-Dichlorobenzene	1000	1000	1030		1080
1,3-Dichlorobenzene	1000	1000	1030		1090
1,4-Dichlorobenzene	1000	1000	1020		1060
1,2,4-Trichlorobenzene	1000	1000	1060		1120
1,2,3-Trichlorobenzene	1000	1000	1070		1070

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-212315

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-212315/4	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-212315/5
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	03/13/2014 0944			Analysis Date:	03/13/2014 1009
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dichloropropane	1000	1000	1000	1060
Methylcyclohexane	1000	1000	827	925
Tetrachloroethene	1000	1000	1050	1100
Xylenes, Total	2000	2000	2090	2120
1,2-Dibromo-3-Chloropropane	1000	1000	831	901
1,1,2,2-Tetrachloroethane	1000	1000	1010	992
1,1,2-Trichloroethane	1000	1000	1010	1040
Dibromochloromethane	1000	1000	887	945
1,2-Dibromoethane	1000	1000	980	984
Dichlorodifluoromethane	1000	1000	807	931
Bromochloromethane	1000	1000	997	1020
Bromodichloromethane	1000	1000	970	992

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-212326

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-212326/6	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D367286.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 0832	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.15	U	0.15	1.0
Acetone	3.33	J	1.7	5.0
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	5.0
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	5.0
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	5.0
1,4-Dioxane	13	U	13	20
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	5.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
Xylenes, Total	0.67	U	0.67	2.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-212326

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-212326/6	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D367286.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 0832	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 130
Toluene-d8 (Surr)	94	70 - 130
Bromofluorobenzene	96	70 - 130
Dibromofluoromethane (Surr)	99	70 - 130

Method Blank TICs- Batch: 460-212326

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-212326

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-212326/3	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D367283.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 0705	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-212326/4	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D367284.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 0731	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	95	105	58 - 142	10	30		
Bromomethane	95	106	59 - 150	11	30		
Vinyl chloride	95	105	65 - 135	10	30		
Chloroethane	94	103	63 - 150	9	30		
Methylene Chloride	105	110	80 - 126	5	30		
Acetone	86	105	49 - 150	21	30		
Carbon disulfide	105	111	65 - 141	6	30		
Trichlorofluoromethane	95	105	68 - 145	10	30		
1,1-Dichloroethene	107	115	76 - 127	7	30		
1,1-Dichloroethane	107	110	80 - 130	4	30		
trans-1,2-Dichloroethene	107	109	79 - 129	2	30		
cis-1,2-Dichloroethene	106	107	76 - 124	1	30		
Chloroform	105	109	77 - 122	3	30		
2-Butanone	94	83	58 - 142	12	30		
1,2-Dichloroethane	108	108	76 - 120	0	30		
1,1,1-Trichloroethane	109	115	73 - 127	5	30		
Carbon tetrachloride	95	102	75 - 125	7	30		
Benzene	106	108	80 - 120	2	30		
Bromoform	96	96	68 - 120	0	30		
Styrene	101	102	78 - 120	1	30		
Ethylbenzene	104	105	80 - 120	1	30		
Chlorobenzene	100	102	80 - 120	1	30		
Cyclohexane	110	110	72 - 137	1	30		
Isopropylbenzene	108	109	80 - 120	1	30		
2-Hexanone	108	108	62 - 139	0	30		
MTBE	110	111	77 - 128	1	30		
Freon TF	110	118	78 - 136	7	30		
Methyl acetate	111	117	74 - 138	6	30		
1,4-Dioxane	117	106	57 - 146	10	30		
Trichloroethene	105	105	75 - 120	0	30		
Toluene	103	106	80 - 120	3	30		
trans-1,3-Dichloropropene	102	101	72 - 120	2	30		
4-Methyl-2-pentanone	104	100	60 - 141	3	30		
cis-1,3-Dichloropropene	102	102	77 - 120	1	30		
1,2-Dichlorobenzene	103	104	77 - 120	2	30		
1,3-Dichlorobenzene	100	103	78 - 120	2	30		

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-212326

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-212326/3	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D367283.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 0705	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-212326/4	Analysis Batch:	460-212326	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D367284.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 0731	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	98	99	77 - 120	1	30		
1,2,4-Trichlorobenzene	98	101	68 - 120	3	30		
1,2,3-Trichlorobenzene	98	99	70 - 120	0	30		
1,2-Dichloropropane	103	103	74 - 127	0	30		
Methylcyclohexane	106	111	74 - 126	4	30		
Tetrachloroethene	104	105	76 - 120	1	30		
Xylenes, Total	103	105	78 - 120	2	30		
1,2-Dibromo-3-Chloropropane	100	94	64 - 129	6	30		
1,1,2,2-Tetrachloroethane	103	100	74 - 124	2	30		
1,1,2-Trichloroethane	99	99	80 - 120	0	30		
Dibromochloromethane	98	94	76 - 120	4	30		
1,2-Dibromoethane	103	100	79 - 120	3	30		
Dichlorodifluoromethane	105	116	52 - 138	10	30		
Bromochloromethane	105	109	72 - 122	4	30		
Bromodichloromethane	101	100	77 - 122	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	96	70 - 130
Toluene-d8 (Surr)	99	95	70 - 130
Bromofluorobenzene	97	94	70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-212326

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-212326/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-212326/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/13/2014 0705			Analysis Date:	03/13/2014 0731
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	19.0	21.0
Bromomethane	20.0	20.0	19.0	21.2
Vinyl chloride	20.0	20.0	19.0	21.0
Chloroethane	20.0	20.0	18.7	20.5
Methylene Chloride	20.0	20.0	21.0	22.1
Acetone	100	100	85.8	105
Carbon disulfide	20.0	20.0	21.0	22.2
Trichlorofluoromethane	20.0	20.0	19.1	21.1
1,1-Dichloroethene	20.0	20.0	21.5	23.0
1,1-Dichloroethane	20.0	20.0	21.3	22.1
trans-1,2-Dichloroethene	20.0	20.0	21.4	21.8
cis-1,2-Dichloroethene	20.0	20.0	21.3	21.5
Chloroform	20.0	20.0	21.0	21.7
2-Butanone	100	100	93.6	83.1
1,2-Dichloroethane	20.0	20.0	21.6	21.6
1,1,1-Trichloroethane	20.0	20.0	21.9	22.9
Carbon tetrachloride	20.0	20.0	19.0	20.4
Benzene	20.0	20.0	21.3	21.7
Bromoform	20.0	20.0	19.2	19.3
Styrene	20.0	20.0	20.3	20.5
Ethylbenzene	20.0	20.0	20.8	21.1
Chlorobenzene	20.0	20.0	20.0	20.3
Cyclohexane	20.0	20.0	21.9	22.1
Isopropylbenzene	20.0	20.0	21.6	21.8
2-Hexanone	100	100	108	108
MTBE	20.0	20.0	22.0	22.2
Freon TF	20.0	20.0	22.0	23.5
Methyl acetate	100	100	111	117
1,4-Dioxane	400	400	467	423
Trichloroethene	20.0	20.0	21.0	21.1
Toluene	20.0	20.0	20.7	21.2
trans-1,3-Dichloropropene	20.0	20.0	20.5	20.2
4-Methyl-2-pentanone	100	100	104	100
cis-1,3-Dichloropropene	20.0	20.0	20.3	20.5
1,2-Dichlorobenzene	20.0	20.0	20.6	20.9
1,3-Dichlorobenzene	20.0	20.0	20.1	20.5
1,4-Dichlorobenzene	20.0	20.0	19.6	19.9
1,2,4-Trichlorobenzene	20.0	20.0	19.5	20.1
1,2,3-Trichlorobenzene	20.0	20.0	19.7	19.7

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-212326

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-212326/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-212326/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/13/2014 0705			Analysis Date:	03/13/2014 0731
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dichloropropane	20.0	20.0	20.6	20.6
Methylcyclohexane	20.0	20.0	21.3	22.2
Tetrachloroethene	20.0	20.0	20.9	21.0
Xylenes, Total	40.0	40.0	41.1	42.0
1,2-Dibromo-3-Chloropropane	20.0	20.0	19.9	18.8
1,1,2,2-Tetrachloroethane	20.0	20.0	20.5	20.1
1,1,2-Trichloroethane	20.0	20.0	19.7	19.8
Dibromochloromethane	20.0	20.0	19.6	18.9
1,2-Dibromoethane	20.0	20.0	20.6	20.0
Dichlorodifluoromethane	20.0	20.0	20.9	23.1
Bromochloromethane	20.0	20.0	20.9	21.7
Bromodichloromethane	20.0	20.0	20.2	20.0

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-212478

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-212478/7	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D367314.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 2120	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.15	U	0.15	1.0
Acetone	3.94	J	1.7	5.0
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	5.0
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	5.0
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	5.0
1,4-Dioxane	13	U	13	20
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	5.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
Xylenes, Total	0.67	U	0.67	2.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-212478

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-212478/7	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D367314.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 2120	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	70 - 130
Toluene-d8 (Surr)	95	70 - 130
Bromofluorobenzene	97	70 - 130
Dibromofluoromethane (Surr)	97	70 - 130

Method Blank TICs- Batch: 460-212478

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-212478

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-212478/4	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D367311.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 1933	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-212478/5	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D367312.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 1956	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	82	70	58 - 142	16	30		
Bromomethane	103	91	59 - 150	12	30		
Vinyl chloride	101	91	65 - 135	10	30		
Chloroethane	106	92	63 - 150	15	30		
Methylene Chloride	102	100	80 - 126	2	30		
Acetone	82	76	49 - 150	8	30		
Carbon disulfide	100	93	65 - 141	7	30		
Trichlorofluoromethane	101	90	68 - 145	11	30		
1,1-Dichloroethene	107	100	76 - 127	7	30		
1,1-Dichloroethane	100	96	80 - 130	3	30		
trans-1,2-Dichloroethene	99	95	79 - 129	4	30		
cis-1,2-Dichloroethene	92	93	76 - 124	1	30		
Chloroform	94	94	77 - 122	0	30		
2-Butanone	74	78	58 - 142	6	30		
1,2-Dichloroethane	95	101	76 - 120	6	30		
1,1,1-Trichloroethane	103	103	73 - 127	0	30		
Carbon tetrachloride	97	90	75 - 125	8	30		
Benzene	97	91	80 - 120	6	30		
Bromoform	82	80	68 - 120	3	30		
Styrene	89	90	78 - 120	1	30		
Ethylbenzene	91	91	80 - 120	0	30		
Chlorobenzene	87	87	80 - 120	0	30		
Cyclohexane	101	103	72 - 137	2	30		
Isopropylbenzene	94	94	80 - 120	1	30		
2-Hexanone	101	105	62 - 139	4	30		
MTBE	107	108	77 - 128	0	30		
Freon TF	113	104	78 - 136	8	30		
Methyl acetate	108	106	74 - 138	3	30		
1,4-Dioxane	80	74	57 - 146	8	30		
Trichloroethene	91	92	75 - 120	1	30		
Toluene	92	90	80 - 120	2	30		
trans-1,3-Dichloropropene	86	83	72 - 120	3	30		
4-Methyl-2-pentanone	94	96	60 - 141	2	30		
cis-1,3-Dichloropropene	85	82	77 - 120	3	30		
1,2-Dichlorobenzene	91	92	77 - 120	1	30		
1,3-Dichlorobenzene	89	88	78 - 120	1	30		

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-212478

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-212478/4	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D367311.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 1933	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-212478/5	Analysis Batch:	460-212478	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D367312.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 1956	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	87	86	77 - 120	1	30		
1,2,4-Trichlorobenzene	91	89	68 - 120	2	30		
1,2,3-Trichlorobenzene	87	91	70 - 120	5	30		
1,2-Dichloropropane	92	95	74 - 127	3	30		
Methylcyclohexane	94	97	74 - 126	3	30		
Tetrachloroethene	90	88	76 - 120	3	30		
Xylenes, Total	93	91	78 - 120	1	30		
1,2-Dibromo-3-Chloropropane	79	89	64 - 129	12	30		
1,1,2,2-Tetrachloroethane	92	95	74 - 124	3	30		
1,1,2-Trichloroethane	82	86	80 - 120	5	30		
Dibromochloromethane	79	80	76 - 120	2	30		
1,2-Dibromoethane	87	89	79 - 120	3	30		
Dichlorodifluoromethane	112	102	52 - 138	9	30		
Bromochloromethane	95	95	72 - 122	1	30		
Bromodichloromethane	88	88	77 - 122	0	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	99	70 - 130
Toluene-d8 (Surr)	96	92	70 - 130
Bromofluorobenzene	99	93	70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-212478

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-212478/4	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-212478/5
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/13/2014 1933			Analysis Date:	03/13/2014 1956
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	16.3	13.9
Bromomethane	20.0	20.0	20.5	18.1
Vinyl chloride	20.0	20.0	20.2	18.2
Chloroethane	20.0	20.0	21.2	18.3
Methylene Chloride	20.0	20.0	20.4	20.1
Acetone	100	100	82.1	75.6
Carbon disulfide	20.0	20.0	20.0	18.6
Trichlorofluoromethane	20.0	20.0	20.1	18.0
1,1-Dichloroethene	20.0	20.0	21.4	19.9
1,1-Dichloroethane	20.0	20.0	19.9	19.3
trans-1,2-Dichloroethene	20.0	20.0	19.8	19.1
cis-1,2-Dichloroethene	20.0	20.0	18.4	18.6
Chloroform	20.0	20.0	18.9	18.9
2-Butanone	100	100	73.6	78.3
1,2-Dichloroethane	20.0	20.0	19.0	20.2
1,1,1-Trichloroethane	20.0	20.0	20.5	20.6
Carbon tetrachloride	20.0	20.0	19.3	17.9
Benzene	20.0	20.0	19.3	18.2
Bromoform	20.0	20.0	16.4	15.9
Styrene	20.0	20.0	17.8	18.1
Ethylbenzene	20.0	20.0	18.2	18.2
Chlorobenzene	20.0	20.0	17.3	17.3
Cyclohexane	20.0	20.0	20.1	20.5
Isopropylbenzene	20.0	20.0	18.9	18.8
2-Hexanone	100	100	101	105
MTBE	20.0	20.0	21.4	21.5
Freon TF	20.0	20.0	22.5	20.8
Methyl acetate	100	100	108	106
1,4-Dioxane	400	400	319	295
Trichloroethene	20.0	20.0	18.2	18.4
Toluene	20.0	20.0	18.4	18.1
trans-1,3-Dichloropropene	20.0	20.0	17.2	16.7
4-Methyl-2-pentanone	100	100	93.7	95.5
cis-1,3-Dichloropropene	20.0	20.0	16.9	16.4
1,2-Dichlorobenzene	20.0	20.0	18.2	18.5
1,3-Dichlorobenzene	20.0	20.0	17.8	17.7
1,4-Dichlorobenzene	20.0	20.0	17.3	17.2
1,2,4-Trichlorobenzene	20.0	20.0	18.2	17.9
1,2,3-Trichlorobenzene	20.0	20.0	17.3	18.2

Client: Antea USA, Inc.

Job Number: 460-72174-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-212478

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-212478/4	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-212478/5
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/13/2014 1933			Analysis Date:	03/13/2014 1956
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dichloropropane	20.0	20.0	18.4	19.0
Methylcyclohexane	20.0	20.0	18.9	19.5
Tetrachloroethene	20.0	20.0	18.0	17.5
Xylenes, Total	40.0	40.0	37.1	36.5
1,2-Dibromo-3-Chloropropane	20.0	20.0	15.9	17.9
1,1,2,2-Tetrachloroethane	20.0	20.0	18.5	19.1
1,1,2-Trichloroethane	20.0	20.0	16.5	17.3
Dibromochloromethane	20.0	20.0	15.8	16.1
1,2-Dibromoethane	20.0	20.0	17.3	17.7
Dichlorodifluoromethane	20.0	20.0	22.3	20.5
Bromochloromethane	20.0	20.0	19.1	18.9
Bromodichloromethane	20.0	20.0	17.5	17.6

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-212509 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-212509/6	Analysis Batch:	460-212509	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J09967.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 2322	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	4.8	U	4.8	50
Bromomethane	9.1	U	9.1	50
Vinyl chloride	7.2	U	7.2	50
Chloroethane	8.5	U	8.5	50
Methylene Chloride	9.1	U	9.1	50
Acetone	130	U	130	250
Carbon disulfide	6.3	U	6.3	50
Trichlorofluoromethane	7.3	U	7.3	50
1,1-Dichloroethene	4.4	U	4.4	50
1,1-Dichloroethane	6.5	U	6.5	50
trans-1,2-Dichloroethene	6.4	U	6.4	50
cis-1,2-Dichloroethene	8.9	U	8.9	50
Chloroform	3.9	U	3.9	50
2-Butanone	120	U	120	250
1,2-Dichloroethane	9.5	U	9.5	50
1,1,1-Trichloroethane	3.1	U	3.1	50
Carbon tetrachloride	2.9	U	2.9	50
Benzene	4.1	U	4.1	50
Bromoform	9.6	U	9.6	50
Styrene	5.9	U	5.9	50
Ethylbenzene	4.8	U	4.8	50
Chlorobenzene	5.5	U	5.5	50
Cyclohexane	7.9	U	7.9	50
Isopropylbenzene	3.8	U	3.8	50
2-Hexanone	25	U	25	250
MTBE	6.9	U	6.9	50
Freon TF	4.1	U	4.1	50
Methyl acetate	17	U	17	250
1,4-Dioxane	1800	U	1800	2500
Trichloroethene	4.6	U	4.6	50
Toluene	7.5	U	7.5	50
trans-1,3-Dichloropropene	12	U	12	50
4-Methyl-2-pentanone	49	U	49	250
cis-1,3-Dichloropropene	9.2	U	9.2	50
1,2-Dichlorobenzene	10	U	10	50
1,3-Dichlorobenzene	6.8	U	6.8	50
1,4-Dichlorobenzene	12	U	12	50
1,2,4-Trichlorobenzene	17	U	17	50
1,2,3-Trichlorobenzene	26	U	26	50
1,2-Dichloropropane	4.3	U	4.3	50
Methylcyclohexane	6.8	U	6.8	50
Tetrachloroethene	4.9	U	4.9	50
Xylenes, Total	18	U	18	100
1,2-Dibromo-3-Chloropropane	20	U	20	50
1,1,2,2-Tetrachloroethane	7.9	U	7.9	50

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-212509

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-212509/6	Analysis Batch:	460-212509	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J09967.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 2322	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	9.4	U	9.4	50
Dibromochloromethane	10	U	10	50
1,2-Dibromoethane	14	U	14	50
Dichlorodifluoromethane	11	U	11	50
Bromochloromethane	14	U	14	50
Bromodichloromethane	6.3	U	6.3	50

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	75 - 135
Toluene-d8 (Surr)	101	59 - 150
Bromofluorobenzene	102	72 - 133
Dibromofluoromethane (Surr)	101	70 - 130

Method Blank TICs- Batch: 460-212509

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample - Batch: 460-212509

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-212509/3	Analysis Batch:	460-212509	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J09964.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 2208	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	1000	897	90	52 - 144	
Bromomethane	1000	929	93	58 - 154	
Vinyl chloride	1000	926	93	55 - 154	
Chloroethane	1000	1380	138	66 - 144	
Methylene Chloride	1000	1000	100	78 - 118	
Acetone	5000	5800	116	48 - 177	
Carbon disulfide	1000	1050	105	70 - 120	
Trichlorofluoromethane	1000	967	97	60 - 148	
1,1-Dichloroethene	1000	987	99	68 - 138	
1,1-Dichloroethane	1000	1040	104	79 - 119	
trans-1,2-Dichloroethene	1000	1040	104	73 - 119	
cis-1,2-Dichloroethene	1000	1010	101	78 - 118	
Chloroform	1000	1030	103	81 - 122	
2-Butanone	5000	6160	123	70 - 139	
1,2-Dichloroethane	1000	985	98	81 - 121	
1,1,1-Trichloroethane	1000	998	100	78 - 118	
Carbon tetrachloride	1000	837	84	64 - 130	
Benzene	1000	1020	102	71 - 118	
Bromoform	1000	797	80	76 - 133	
Styrene	1000	980	98	73 - 126	
Ethylbenzene	1000	996	100	78 - 124	
Chlorobenzene	1000	996	100	69 - 124	
Cyclohexane	1000	888	89	69 - 128	
Isopropylbenzene	1000	1050	105	80 - 143	
2-Hexanone	5000	6430	129	62 - 123	*
MTBE	1000	959	96	65 - 143	
Freon TF	1000	935	94	50 - 128	
Methyl acetate	5000	4720	94	72 - 165	
1,4-Dioxane	20000	22200	111	54 - 147	
Trichloroethene	1000	1070	107	82 - 122	
Toluene	1000	1040	104	79 - 136	
trans-1,3-Dichloropropene	1000	1020	102	73 - 118	
4-Methyl-2-pentanone	5000	4690	94	69 - 124	
cis-1,3-Dichloropropene	1000	987	99	75 - 120	
1,2-Dichlorobenzene	1000	1040	104	83 - 123	
1,3-Dichlorobenzene	1000	1040	104	83 - 123	
1,4-Dichlorobenzene	1000	1040	104	84 - 124	
1,2,4-Trichlorobenzene	1000	1040	104	62 - 144	
1,2,3-Trichlorobenzene	1000	1000	100	36 - 207	
1,2-Dichloropropane	1000	1050	105	78 - 118	
Methylcyclohexane	1000	863	86	80 - 134	
Tetrachloroethene	1000	1100	110	78 - 136	
Xylenes, Total	2000	1950	98	78 - 126	
1,2-Dibromo-3-Chloropropane	1000	779	78	62 - 127	
1,1,2,2-Tetrachloroethane	1000	1020	102	86 - 145	
1,1,2-Trichloroethane	1000	988	99	77 - 120	

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample - Batch: 460-212509

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-212509/3	Analysis Batch:	460-212509	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J09964.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 2208	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	1000	866	87	78 - 118	
1,2-Dibromoethane	1000	965	97	76 - 120	
Dichlorodifluoromethane	1000	807	81	41 - 149	
Bromochloromethane	1000	988	99	81 - 121	
Bromodichloromethane	1000	964	96	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	75 - 135
Toluene-d8 (Surr)	98	59 - 150
Bromofluorobenzene	97	72 - 133

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-212557

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-212557/7	Analysis Batch:	460-212557	Instrument ID:	CVOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A00583.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/14/2014 0842	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/14/2014 0842				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.10	U	0.10	1.0
Bromomethane	0.18	U	0.18	1.0
Vinyl chloride	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
Chloroform	0.080	U	0.080	1.0
2-Butanone	2.3	U	2.3	5.0
1,2-Dichloroethane	0.19	U	0.19	1.0
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.080	U	0.080	1.0
Bromoform	0.19	U	0.19	1.0
Styrene	0.12	U	0.12	1.0
Ethylbenzene	0.10	U	0.10	1.0
Chlorobenzene	0.11	U	0.11	1.0
Cyclohexane	0.16	U	0.16	1.0
Isopropylbenzene	0.080	U	0.080	1.0
2-Hexanone	0.50	U	0.50	5.0
MTBE	0.14	U	0.14	1.0
Freon TF	0.080	U	0.080	1.0
Methyl acetate	0.34	U	0.34	5.0
1,4-Dioxane	36	U	36	50
Trichloroethene	0.090	U	0.090	1.0
Toluene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
4-Methyl-2-pentanone	0.99	U	0.99	5.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0
1,2,3-Trichlorobenzene	0.51	U	0.51	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Tetrachloroethene	0.10	U	0.10	1.0
Xylenes, Total	0.13	U	0.13	2.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-212557

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-212557/7	Analysis Batch:	460-212557	Instrument ID:	CVOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A00583.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/14/2014 0842	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/14/2014 0842				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Dibromochloromethane	0.20	U	0.20	1.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.27	U	0.27	1.0
Bromodichloromethane	0.12	U	0.12	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	70 - 130
Toluene-d8 (Surr)	100	70 - 130
Bromofluorobenzene	101	70 - 130
Dibromofluoromethane (Surr)	100	70 - 130

Method Blank TICs- Batch: 460-212557

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample - Batch: 460-212557

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-212557/4	Analysis Batch:	460-212557	Instrument ID:	CVOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A00580.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/14/2014 0729	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/14/2014 0729				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	17.8	89	42 - 150	
Bromomethane	20.0	19.6	98	28 - 150	
Vinyl chloride	20.0	18.9	94	61 - 136	
Chloroethane	20.0	19.0	95	49 - 150	
Methylene Chloride	20.0	20.2	101	77 - 124	
Acetone	100	89.5	89	40 - 150	
Carbon disulfide	20.0	19.0	95	51 - 137	
Trichlorofluoromethane	20.0	20.7	103	43 - 150	
1,1-Dichloroethene	20.0	20.2	101	62 - 128	
1,1-Dichloroethane	20.0	21.5	108	74 - 128	
trans-1,2-Dichloroethene	20.0	20.7	103	73 - 124	
cis-1,2-Dichloroethene	20.0	19.7	98	78 - 121	
Chloroform	20.0	20.7	104	81 - 123	
2-Butanone	100	90.3	90	64 - 141	
1,2-Dichloroethane	20.0	19.7	98	74 - 128	
1,1,1-Trichloroethane	20.0	20.5	102	72 - 126	
Carbon tetrachloride	20.0	21.6	108	63 - 135	
Benzene	20.0	21.1	105	76 - 121	
Bromoform	20.0	15.7	79	54 - 138	
Styrene	20.0	19.0	95	73 - 124	
Ethylbenzene	20.0	20.1	101	74 - 120	
Chlorobenzene	20.0	19.5	97	77 - 120	
Cyclohexane	20.0	23.8	119	35 - 150	
Isopropylbenzene	20.0	17.3	87	75 - 125	
2-Hexanone	100	93.0	93	53 - 138	
MTBE	20.0	19.4	97	73 - 123	
Freon TF	20.0	24.1	120	42 - 145	
Methyl acetate	100	106	106	43 - 148	
1,4-Dioxane	400	488	122	43 - 150	
Trichloroethene	20.0	20.7	104	74 - 120	
Toluene	20.0	20.1	100	78 - 120	
trans-1,3-Dichloropropene	20.0	18.6	93	71 - 121	
4-Methyl-2-pentanone	100	103	103	55 - 141	
cis-1,3-Dichloropropene	20.0	18.2	91	72 - 122	
1,2-Dichlorobenzene	20.0	20.0	100	76 - 120	
1,3-Dichlorobenzene	20.0	19.8	99	75 - 120	
1,4-Dichlorobenzene	20.0	19.9	99	75 - 120	
1,2,4-Trichlorobenzene	20.0	22.7	114	66 - 126	
1,2,3-Trichlorobenzene	20.0	27.4	137	68 - 126	*
1,2-Dichloropropane	20.0	19.3	96	75 - 122	
Methylcyclohexane	20.0	22.6	113	34 - 150	
Tetrachloroethene	20.0	21.3	106	67 - 129	
Xylenes, Total	40.0	40.1	100	73 - 122	
1,2-Dibromo-3-Chloropropane	20.0	23.2	116	58 - 126	
1,1,2,2-Tetrachloroethane	20.0	19.2	96	60 - 130	
1,1,2-Trichloroethane	20.0	18.9	94	73 - 120	

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample - Batch: 460-212557

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-212557/4	Analysis Batch:	460-212557	Instrument ID:	CVOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A00580.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/14/2014 0729	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/14/2014 0729				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	20.0	17.0	85	69 - 126	
1,2-Dibromoethane	20.0	18.8	94	75 - 120	
Dichlorodifluoromethane	20.0	17.2	86	14 - 150	
Bromochloromethane	20.0	19.8	99	73 - 130	
Bromodichloromethane	20.0	17.7	89	77 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	70 - 130
Toluene-d8 (Surr)	105	70 - 130
Bromofluorobenzene	101	70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212557

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-72133-A-1 MS	Analysis Batch:	460-212557	Instrument ID:	CVOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A00593.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/14/2014 1225			Final Weight/Volume:	5 mL
Prep Date:	03/14/2014 1225				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-72133-A-1 MSD	Analysis Batch:	460-212557	Instrument ID:	CVOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A00594.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/14/2014 1245			Final Weight/Volume:	5 mL
Prep Date:	03/14/2014 1245				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	83	87	42 - 150	6	30		
Bromomethane	95	101	28 - 150	7	30		
Vinyl chloride	92	97	61 - 136	5	30		
Chloroethane	91	96	49 - 150	6	30		
Methylene Chloride	95	102	77 - 124	7	30		
Acetone	86	99	40 - 150	14	30		
Carbon disulfide	91	98	51 - 137	7	30		
Trichlorofluoromethane	102	108	43 - 150	5	30		
1,1-Dichloroethene	101	107	62 - 128	6	30		
1,1-Dichloroethane	102	108	74 - 128	6	30		
trans-1,2-Dichloroethene	100	105	73 - 124	5	30		
cis-1,2-Dichloroethene	95	102	78 - 121	7	30		
Chloroform	97	105	81 - 123	7	30		
2-Butanone	77	82	64 - 141	7	30		
1,2-Dichloroethane	102	101	74 - 128	1	30		
1,1,1-Trichloroethane	97	104	72 - 126	7	30		
Carbon tetrachloride	100	107	63 - 135	6	30		
Benzene	100	106	76 - 121	6	30		
Bromoform	73	74	54 - 138	2	30		
Styrene	90	93	73 - 124	3	30		
Ethylbenzene	97	101	74 - 120	4	30		
Chlorobenzene	93	97	77 - 120	4	30		
Cyclohexane	110	118	35 - 150	7	30		
Isopropylbenzene	82	87	75 - 125	6	30		
2-Hexanone	99	103	53 - 138	3	30		
MTBE	99	100	73 - 123	1	30		
Freon TF	119	124	42 - 145	4	30		
Methyl acetate	111	113	43 - 148	2	30		
1,4-Dioxane	56	103	43 - 150	60	30		F2
Trichloroethene	101	100	74 - 120	1	30		
Toluene	100	101	78 - 120	0	30		
trans-1,3-Dichloropropene	91	89	71 - 121	2	30		
4-Methyl-2-pentanone	108	109	55 - 141	2	30		

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212557

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-72133-A-1 MS	Analysis Batch:	460-212557	Instrument ID:	CVOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A00593.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/14/2014 1225			Final Weight/Volume:	5 mL
Prep Date:	03/14/2014 1225				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-72133-A-1 MSD	Analysis Batch:	460-212557	Instrument ID:	CVOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A00594.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/14/2014 1245			Final Weight/Volume:	5 mL
Prep Date:	03/14/2014 1245				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
cis-1,3-Dichloropropene	90	87	72 - 122	4	30		
1,2-Dichlorobenzene	96	102	76 - 120	6	30		
1,3-Dichlorobenzene	96	101	75 - 120	4	30		
1,4-Dichlorobenzene	96	102	75 - 120	7	30		
1,2,4-Trichlorobenzene	92	114	66 - 126	22	30		
1,2,3-Trichlorobenzene	93	139	68 - 126	40	30		F1 F2
1,2-Dichloropropane	95	93	75 - 122	2	30		
Methylcyclohexane	104	111	34 - 150	6	30		
Tetrachloroethene	105	107	67 - 129	3	30		
Xylenes, Total	99	101	73 - 122	2	30		
1,2-Dibromo-3-Chloropropane	104	122	58 - 126	16	30		
1,1,2,2-Tetrachloroethane	100	104	60 - 130	4	30		
1,1,2-Trichloroethane	97	95	73 - 120	2	30		
Dibromochloromethane	82	83	69 - 126	2	30		
1,2-Dibromoethane	98	98	75 - 120	0	30		
Dichlorodifluoromethane	72	77	14 - 150	7	30		
Bromochloromethane	95	99	73 - 130	5	30		
Bromodichloromethane	84	85	77 - 120	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	101	70 - 130
Toluene-d8 (Surr)	100	98	70 - 130
Bromofluorobenzene	99	97	70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212557

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-72133-A-1 MS	Units:	ug/L	MSD Lab Sample ID:	460-72133-A-1 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	10			Dilution:	10
Analysis Date:	03/14/2014 1225			Analysis Date:	03/14/2014 1245
Prep Date:	03/14/2014 1225			Prep Date:	03/14/2014 1245
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Chloromethane	0.10	U	200	200	165	175	
Bromomethane	0.18	U	200	200	190	203	
Vinyl chloride	0.14	U	200	200	184	194	
Chloroethane	0.17	U	200	200	181	192	
Methylene Chloride	0.18	U	200	200	191	205	
Acetone	2.7	U	1000	1000	860	985	
Carbon disulfide	0.13	U	200	200	183	197	
Trichlorofluoromethane	0.15	U	200	200	204	215	
1,1-Dichloroethene	0.090	U	200	200	201	213	
1,1-Dichloroethane	0.13	U	200	200	204	216	
trans-1,2-Dichloroethene	0.13	U	200	200	200	211	
cis-1,2-Dichloroethene	0.18	U	200	200	190	203	
Chloroform	0.080	U	200	200	194	209	
2-Butanone	2.3	U	1000	1000	770	823	
1,2-Dichloroethane	0.19	U	200	200	204	203	
1,1,1-Trichloroethane	0.060	U	200	200	194	208	
Carbon tetrachloride	0.060	U	200	200	201	214	
Benzene	0.080	U	200	200	200	212	
Bromoform	0.19	U	200	200	146	148	
Styrene	0.12	U	200	200	180	185	
Ethylbenzene	0.10	U	200	200	195	202	
Chlorobenzene	0.11	U	200	200	187	195	
Cyclohexane	0.16	U	200	200	220	235	
Isopropylbenzene	0.080	U	200	200	163	174	
2-Hexanone	0.50	U	1000	1000	993	1030	
MTBE	0.76	J	200	200	198	200	
Freon TF	0.080	U	200	200	238	247	
Methyl acetate	0.34	U	1000	1000	1110	1130	
1,4-Dioxane	36	U	4000	4000	2220	4110	F2
Trichloroethene	0.090	U	200	200	202	200	
Toluene	0.15	U	200	200	200	201	
trans-1,3-Dichloropropene	0.24	U	200	200	182	179	
4-Methyl-2-pentanone	0.99	U	1000	1000	1080	1090	
cis-1,3-Dichloropropene	0.18	U	200	200	180	173	
1,2-Dichlorobenzene	0.21	U	200	200	192	205	
1,3-Dichlorobenzene	0.14	U	200	200	193	202	
1,4-Dichlorobenzene	0.23	U	200	200	191	204	
1,2,4-Trichlorobenzene	0.34	U	200	200	183	228	
1,2,3-Trichlorobenzene	0.51	U	200	200	185	278	F1 F2
1,2-Dichloropropane	0.090	U	200	200	190	187	
Methylcyclohexane	0.14	U	200	200	208	221	
Tetrachloroethene	0.10	U	200	200	209	215	
Xylenes, Total	0.13	U	400	400	395	402	

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212557

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-72133-A-1 MS	Units:	ug/L	MSD Lab Sample ID:	460-72133-A-1 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	10			Dilution:	10
Analysis Date:	03/14/2014 1225			Analysis Date:	03/14/2014 1245
Prep Date:	03/14/2014 1225			Prep Date:	03/14/2014 1245
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,2-Dibromo-3-Chloropropane	0.40	U	200	200	208	245
1,1,2,2-Tetrachloroethane	0.16	U	200	200	201	208
1,1,2-Trichloroethane	0.19	U	200	200	195	190
Dibromochloromethane	0.20	U	200	200	164	167
1,2-Dibromoethane	0.28	U	200	200	196	196
Dichlorodifluoromethane	0.22	U	200	200	144	155
Bromochloromethane	0.27	U	200	200	189	199
Bromodichloromethane	0.12	U	200	200	168	170

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-212576

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-212576/6	Analysis Batch:	460-212576	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D367338.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/14/2014 0813	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.15	U	0.15	1.0
Acetone	6.59		1.7	5.0
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	5.0
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	5.0
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	5.0
1,4-Dioxane	13	U	13	20
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	5.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
Xylenes, Total	0.67	U	0.67	2.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-212576

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-212576/6	Analysis Batch:	460-212576	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D367338.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/14/2014 0813	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 130
Toluene-d8 (Surr)	92	70 - 130
Bromofluorobenzene	94	70 - 130
Dibromofluoromethane (Surr)	95	70 - 130

Method Blank TICs- Batch: 460-212576

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
108-70-3	1,3,5-Trichlorobenzene	10.64	0.0611	J
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-212576

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-212576/3	Analysis Batch:	460-212576	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D367335.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/14/2014 0649	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-212576/4	Analysis Batch:	460-212576	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D367336.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/14/2014 0712	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	83	78	58 - 142	7	30		
Bromomethane	105	95	59 - 150	10	30		
Vinyl chloride	107	98	65 - 135	9	30		
Chloroethane	105	93	63 - 150	12	30		
Methylene Chloride	110	107	80 - 126	3	30		
Acetone	71	94	49 - 150	27	30		
Carbon disulfide	102	102	65 - 141	1	30		
Trichlorofluoromethane	105	98	68 - 145	7	30		
1,1-Dichloroethene	111	111	76 - 127	0	30		
1,1-Dichloroethane	110	106	80 - 130	3	30		
trans-1,2-Dichloroethene	110	108	79 - 129	2	30		
cis-1,2-Dichloroethene	109	104	76 - 124	5	30		
Chloroform	107	107	77 - 122	0	30		
2-Butanone	86	82	58 - 142	4	30		
1,2-Dichloroethane	111	112	76 - 120	1	30		
1,1,1-Trichloroethane	116	113	73 - 127	3	30		
Carbon tetrachloride	93	105	75 - 125	12	30		
Benzene	106	106	80 - 120	0	30		
Bromoform	87	90	68 - 120	4	30		
Styrene	100	100	78 - 120	0	30		
Ethylbenzene	104	101	80 - 120	2	30		
Chlorobenzene	98	98	80 - 120	0	30		
Cyclohexane	113	110	72 - 137	3	30		
Isopropylbenzene	109	105	80 - 120	4	30		
2-Hexanone	110	110	62 - 139	1	30		
MTBE	114	114	77 - 128	1	30		
Freon TF	113	111	78 - 136	1	30		
Methyl acetate	106	115	74 - 138	7	30		
1,4-Dioxane	94	80	57 - 146	16	30		
Trichloroethene	110	107	75 - 120	3	30		
Toluene	105	103	80 - 120	2	30		
trans-1,3-Dichloropropene	96	94	72 - 120	3	30		
4-Methyl-2-pentanone	104	101	60 - 141	2	30		
cis-1,3-Dichloropropene	96	94	77 - 120	1	30		
1,2-Dichlorobenzene	105	102	77 - 120	2	30		
1,3-Dichlorobenzene	99	97	78 - 120	2	30		

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-212576

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-212576/3	Analysis Batch:	460-212576	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D367335.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/14/2014 0649	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-212576/4	Analysis Batch:	460-212576	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D367336.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/14/2014 0712	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	96	95	77 - 120	1	30		
1,2,4-Trichlorobenzene	96	97	68 - 120	1	30		
1,2,3-Trichlorobenzene	100	96	70 - 120	4	30		
1,2-Dichloropropane	108	106	74 - 127	2	30		
Methylcyclohexane	108	104	74 - 126	4	30		
Tetrachloroethene	101	100	76 - 120	2	30		
Xylenes, Total	105	101	78 - 120	4	30		
1,2-Dibromo-3-Chloropropane	93	86	64 - 129	8	30		
1,1,2,2-Tetrachloroethane	104	101	74 - 124	3	30		
1,1,2-Trichloroethane	96	93	80 - 120	3	30		
Dibromochloromethane	89	88	76 - 120	2	30		
1,2-Dibromoethane	100	101	79 - 120	1	30		
Dichlorodifluoromethane	121	110	52 - 138	10	30		
Bromochloromethane	103	105	72 - 122	2	30		
Bromodichloromethane	99	100	77 - 122	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	98	70 - 130
Toluene-d8 (Surr)	93	91	70 - 130
Bromofluorobenzene	94	94	70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-212576

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-212576/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-212576/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/14/2014 0649			Analysis Date:	03/14/2014 0712
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	16.6	15.5
Bromomethane	20.0	20.0	21.0	19.1
Vinyl chloride	20.0	20.0	21.5	19.6
Chloroethane	20.0	20.0	20.9	18.6
Methylene Chloride	20.0	20.0	22.0	21.4
Acetone	100	100	71.1	93.5
Carbon disulfide	20.0	20.0	20.5	20.3
Trichlorofluoromethane	20.0	20.0	21.1	19.6
1,1-Dichloroethene	20.0	20.0	22.1	22.2
1,1-Dichloroethane	20.0	20.0	22.0	21.2
trans-1,2-Dichloroethene	20.0	20.0	22.0	21.6
cis-1,2-Dichloroethene	20.0	20.0	21.8	20.8
Chloroform	20.0	20.0	21.4	21.4
2-Butanone	100	100	85.8	82.3
1,2-Dichloroethane	20.0	20.0	22.2	22.4
1,1,1-Trichloroethane	20.0	20.0	23.2	22.5
Carbon tetrachloride	20.0	20.0	18.7	21.0
Benzene	20.0	20.0	21.2	21.3
Bromoform	20.0	20.0	17.3	18.0
Styrene	20.0	20.0	20.0	20.1
Ethylbenzene	20.0	20.0	20.7	20.2
Chlorobenzene	20.0	20.0	19.5	19.5
Cyclohexane	20.0	20.0	22.7	22.0
Isopropylbenzene	20.0	20.0	21.8	21.0
2-Hexanone	100	100	110	110
MTBE	20.0	20.0	22.9	22.7
Freon TF	20.0	20.0	22.5	22.2
Methyl acetate	100	100	106	115
1,4-Dioxane	400	400	374	319
Trichloroethene	20.0	20.0	22.1	21.4
Toluene	20.0	20.0	21.0	20.5
trans-1,3-Dichloropropene	20.0	20.0	19.3	18.8
4-Methyl-2-pentanone	100	100	104	101
cis-1,3-Dichloropropene	20.0	20.0	19.1	18.9
1,2-Dichlorobenzene	20.0	20.0	20.9	20.5
1,3-Dichlorobenzene	20.0	20.0	19.8	19.4
1,4-Dichlorobenzene	20.0	20.0	19.2	19.0
1,2,4-Trichlorobenzene	20.0	20.0	19.3	19.5
1,2,3-Trichlorobenzene	20.0	20.0	20.1	19.3

Client: Antea USA, Inc.

Job Number: 460-72174-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-212576

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-212576/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-212576/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/14/2014 0649			Analysis Date:	03/14/2014 0712
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dichloropropane	20.0	20.0	21.6	21.2
Methylcyclohexane	20.0	20.0	21.6	20.9
Tetrachloroethene	20.0	20.0	20.2	19.9
Xylenes, Total	40.0	40.0	41.8	40.3
1,2-Dibromo-3-Chloropropane	20.0	20.0	18.6	17.2
1,1,2,2-Tetrachloroethane	20.0	20.0	20.7	20.1
1,1,2-Trichloroethane	20.0	20.0	19.2	18.7
Dibromochloromethane	20.0	20.0	17.9	17.6
1,2-Dibromoethane	20.0	20.0	20.0	20.2
Dichlorodifluoromethane	20.0	20.0	24.2	21.9
Bromochloromethane	20.0	20.0	20.6	21.0
Bromodichloromethane	20.0	20.0	19.9	20.1

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-212770

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-212770/6	Analysis Batch:	460-212770	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J10020.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/15/2014 0044	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	4.8	U	4.8	50
Bromomethane	9.1	U	9.1	50
Vinyl chloride	7.2	U	7.2	50
Chloroethane	8.5	U	8.5	50
Methylene Chloride	9.1	U	9.1	50
Acetone	130	U	130	250
Carbon disulfide	6.3	U	6.3	50
Trichlorofluoromethane	7.3	U	7.3	50
1,1-Dichloroethene	4.4	U	4.4	50
1,1-Dichloroethane	6.5	U	6.5	50
trans-1,2-Dichloroethene	6.4	U	6.4	50
cis-1,2-Dichloroethene	8.9	U	8.9	50
Chloroform	3.9	U	3.9	50
2-Butanone	120	U	120	250
1,2-Dichloroethane	9.5	U	9.5	50
1,1,1-Trichloroethane	3.1	U	3.1	50
Carbon tetrachloride	2.9	U	2.9	50
Benzene	4.1	U	4.1	50
Bromoform	9.6	U	9.6	50
Styrene	5.9	U	5.9	50
Ethylbenzene	4.8	U	4.8	50
Chlorobenzene	5.5	U	5.5	50
Cyclohexane	7.9	U	7.9	50
Isopropylbenzene	3.8	U	3.8	50
2-Hexanone	25	U	25	250
MTBE	6.9	U	6.9	50
Freon TF	4.1	U	4.1	50
Methyl acetate	17	U	17	250
1,4-Dioxane	1800	U	1800	2500
Trichloroethene	4.6	U	4.6	50
Toluene	7.5	U	7.5	50
trans-1,3-Dichloropropene	12	U	12	50
4-Methyl-2-pentanone	49	U	49	250
cis-1,3-Dichloropropene	9.2	U	9.2	50
1,2-Dichlorobenzene	10	U	10	50
1,3-Dichlorobenzene	6.8	U	6.8	50
1,4-Dichlorobenzene	12	U	12	50
1,2,4-Trichlorobenzene	17	U	17	50
1,2,3-Trichlorobenzene	26	U	26	50
1,2-Dichloropropane	4.3	U	4.3	50
Methylcyclohexane	6.8	U	6.8	50
Tetrachloroethene	4.9	U	4.9	50
Xylenes, Total	18	U	18	100
1,2-Dibromo-3-Chloropropane	20	U	20	50
1,1,2,2-Tetrachloroethane	7.9	U	7.9	50

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-212770

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-212770/6	Analysis Batch:	460-212770	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J10020.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/15/2014 0044	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	9.4	U	9.4	50
Dibromochloromethane	10	U	10	50
1,2-Dibromoethane	14	U	14	50
Dichlorodifluoromethane	11	U	11	50
Bromochloromethane	14	U	14	50
Bromodichloromethane	6.3	U	6.3	50

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	75 - 135
Toluene-d8 (Surr)	98	59 - 150
Bromofluorobenzene	96	72 - 133
Dibromofluoromethane (Surr)	96	70 - 130

Method Blank TICs- Batch: 460-212770

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample - Batch: 460-212770

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-212770/3	Analysis Batch:	460-212770	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J10017.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/14/2014 2329	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	1000	1090	109	52 - 144	
Bromomethane	1000	1100	110	58 - 154	
Vinyl chloride	1000	1090	109	55 - 154	
Chloroethane	1000	1400	140	66 - 144	
Methylene Chloride	1000	1090	109	78 - 118	
Acetone	5000	6110	122	48 - 177	
Carbon disulfide	1000	1150	115	70 - 120	
Trichlorofluoromethane	1000	1040	104	60 - 148	
1,1-Dichloroethene	1000	1100	110	68 - 138	
1,1-Dichloroethane	1000	1130	113	79 - 119	
trans-1,2-Dichloroethene	1000	1130	113	73 - 119	
cis-1,2-Dichloroethene	1000	1110	111	78 - 118	
Chloroform	1000	1100	110	81 - 122	
2-Butanone	5000	6380	128	70 - 139	
1,2-Dichloroethane	1000	1100	110	81 - 121	
1,1,1-Trichloroethane	1000	1130	113	78 - 118	
Carbon tetrachloride	1000	920	92	64 - 130	
Benzene	1000	1130	113	71 - 118	
Bromoform	1000	937	94	76 - 133	
Styrene	1000	1050	105	73 - 126	
Ethylbenzene	1000	1080	108	78 - 124	
Chlorobenzene	1000	1070	107	69 - 124	
Cyclohexane	1000	935	94	69 - 128	
Isopropylbenzene	1000	1100	110	80 - 143	
2-Hexanone	5000	6600	132	62 - 123	*
MTBE	1000	1060	106	65 - 143	
Freon TF	1000	954	95	50 - 128	
Methyl acetate	5000	5360	107	72 - 165	
1,4-Dioxane	20000	19500	98	54 - 147	
Trichloroethene	1000	1130	113	82 - 122	
Toluene	1000	1120	112	79 - 136	
trans-1,3-Dichloropropene	1000	1120	112	73 - 118	
4-Methyl-2-pentanone	5000	5290	106	69 - 124	
cis-1,3-Dichloropropene	1000	1120	112	75 - 120	
1,2-Dichlorobenzene	1000	1030	103	83 - 123	
1,3-Dichlorobenzene	1000	1020	102	83 - 123	
1,4-Dichlorobenzene	1000	1040	104	84 - 124	
1,2,4-Trichlorobenzene	1000	1030	103	62 - 144	
1,2,3-Trichlorobenzene	1000	1020	102	36 - 207	
1,2-Dichloropropane	1000	1120	112	78 - 118	
Methylcyclohexane	1000	876	88	80 - 134	
Tetrachloroethene	1000	1160	116	78 - 136	
Xylenes, Total	2000	2130	106	78 - 126	
1,2-Dibromo-3-Chloropropane	1000	903	90	62 - 127	
1,1,2,2-Tetrachloroethane	1000	1060	106	86 - 145	
1,1,2-Trichloroethane	1000	1160	116	77 - 120	

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample - Batch: 460-212770

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-212770/3	Analysis Batch:	460-212770	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J10017.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/14/2014 2329	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	1000	1010	101	78 - 118	
1,2-Dibromoethane	1000	1050	105	76 - 120	
Dichlorodifluoromethane	1000	1010	101	41 - 149	
Bromochloromethane	1000	1130	113	81 - 121	
Bromodichloromethane	1000	1080	108	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	75 - 135
Toluene-d8 (Surr)	107	59 - 150
Bromofluorobenzene	102	72 - 133

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-212899

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-212899/6	Analysis Batch:	460-212899	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D367422.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/16/2014 0830	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.15	U	0.15	1.0
Acetone	1.7	U	1.7	5.0
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	5.0
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	5.0
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	5.0
1,4-Dioxane	13	U	13	20
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	5.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
Xylenes, Total	0.67	U	0.67	2.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-212899

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-212899/6	Analysis Batch:	460-212899	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D367422.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/16/2014 0830	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	70 - 130
Toluene-d8 (Surr)	85	70 - 130
Bromofluorobenzene	99	70 - 130
Dibromofluoromethane (Surr)	100	70 - 130

Method Blank TICs- Batch: 460-212899

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-212899

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-212899/3	Analysis Batch:	460-212899	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D367419.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/16/2014 0656	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-212899/4	Analysis Batch:	460-212899	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D367420.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/16/2014 0722	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	59	65	58 - 142	11	30		
Bromomethane	89	96	59 - 150	8	30		
Vinyl chloride	78	87	65 - 135	10	30		
Chloroethane	75	79	63 - 150	5	30		
Methylene Chloride	102	110	80 - 126	7	30		
Acetone	76	81	49 - 150	7	30		
Carbon disulfide	80	86	65 - 141	7	30		
Trichlorofluoromethane	106	113	68 - 145	7	30		
1,1-Dichloroethene	94	102	76 - 127	8	30		
1,1-Dichloroethane	93	100	80 - 130	7	30		
trans-1,2-Dichloroethene	108	117	79 - 129	8	30		
cis-1,2-Dichloroethene	108	113	76 - 124	4	30		
Chloroform	103	113	77 - 122	9	30		
2-Butanone	86	103	58 - 142	19	30		
1,2-Dichloroethane	106	114	76 - 120	7	30		
1,1,1-Trichloroethane	120	123	73 - 127	2	30		
Carbon tetrachloride	108	113	75 - 125	4	30		
Benzene	90	96	80 - 120	7	30		
Bromoform	102	115	68 - 120	12	30		
Styrene	93	101	78 - 120	8	30		
Ethylbenzene	98	103	80 - 120	4	30		
Chlorobenzene	96	103	80 - 120	7	30		
Cyclohexane	90	96	72 - 137	7	30		
Isopropylbenzene	104	107	80 - 120	3	30		
2-Hexanone	68	73	62 - 139	6	30		
MTBE	105	109	77 - 128	4	30		
Freon TF	103	107	78 - 136	4	30		
Methyl acetate	71	88	74 - 138	21	30	*	
1,4-Dioxane	94	96	57 - 146	2	30		
Trichloroethene	114	117	75 - 120	3	30		
Toluene	95	101	80 - 120	6	30		
trans-1,3-Dichloropropene	80	87	72 - 120	9	30		
4-Methyl-2-pentanone	64	70	60 - 141	9	30		
cis-1,3-Dichloropropene	80	87	77 - 120	7	30		
1,2-Dichlorobenzene	99	106	77 - 120	6	30		
1,3-Dichlorobenzene	93	102	78 - 120	10	30		

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-212899

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-212899/3	Analysis Batch:	460-212899	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D367419.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/16/2014 0656	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-212899/4	Analysis Batch:	460-212899	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D367420.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/16/2014 0722	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	93	99	77 - 120	7	30		
1,2,4-Trichlorobenzene	101	108	68 - 120	7	30		
1,2,3-Trichlorobenzene	108	107	70 - 120	1	30		
1,2-Dichloropropane	88	90	74 - 127	2	30		
Methylcyclohexane	107	112	74 - 126	5	30		
Tetrachloroethene	119	125	76 - 120	5	30		*
Xylenes, Total	98	102	78 - 120	4	30		
1,2-Dibromo-3-Chloropropane	98	96	64 - 129	2	30		
1,1,2,2-Tetrachloroethane	79	81	74 - 124	2	30		
1,1,2-Trichloroethane	84	90	80 - 120	7	30		
Dibromochloromethane	97	103	76 - 120	5	30		
1,2-Dibromoethane	98	99	79 - 120	1	30		
Dichlorodifluoromethane	115	123	52 - 138	7	30		
Bromochloromethane	119	128	72 - 122	7	30		*
Bromodichloromethane	101	107	77 - 122	5	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	103	70 - 130
Toluene-d8 (Surr)	88	92	70 - 130
Bromofluorobenzene	98	100	70 - 130

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-212899

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-212899/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-212899/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/16/2014 0656			Analysis Date:	03/16/2014 0722
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual
Chloromethane	20.0	20.0	11.7		13.0
Bromomethane	20.0	20.0	17.7		19.2
Vinyl chloride	20.0	20.0	15.7		17.3
Chloroethane	20.0	20.0	15.0		15.7
Methylene Chloride	20.0	20.0	20.5		21.9
Acetone	100	100	75.6		80.8
Carbon disulfide	20.0	20.0	16.1		17.2
Trichlorofluoromethane	20.0	20.0	21.2		22.6
1,1-Dichloroethene	20.0	20.0	18.8		20.3
1,1-Dichloroethane	20.0	20.0	18.5		19.9
trans-1,2-Dichloroethene	20.0	20.0	21.6		23.3
cis-1,2-Dichloroethene	20.0	20.0	21.6		22.6
Chloroform	20.0	20.0	20.6		22.5
2-Butanone	100	100	85.6		103
1,2-Dichloroethane	20.0	20.0	21.3		22.8
1,1,1-Trichloroethane	20.0	20.0	24.1		24.6
Carbon tetrachloride	20.0	20.0	21.6		22.6
Benzene	20.0	20.0	18.0		19.3
Bromoform	20.0	20.0	20.3		22.9
Styrene	20.0	20.0	18.7		20.2
Ethylbenzene	20.0	20.0	19.7		20.5
Chlorobenzene	20.0	20.0	19.2		20.7
Cyclohexane	20.0	20.0	17.9		19.2
Isopropylbenzene	20.0	20.0	20.8		21.4
2-Hexanone	100	100	68.4		72.8
MTBE	20.0	20.0	21.1		21.9
Freon TF	20.0	20.0	20.5		21.4
Methyl acetate	100	100	71.1	*	87.5
1,4-Dioxane	400	400	377		386
Trichloroethene	20.0	20.0	22.8		23.5
Toluene	20.0	20.0	19.1		20.3
trans-1,3-Dichloropropene	20.0	20.0	15.9		17.5
4-Methyl-2-pentanone	100	100	64.3		70.3
cis-1,3-Dichloropropene	20.0	20.0	16.1		17.3
1,2-Dichlorobenzene	20.0	20.0	19.9		21.2
1,3-Dichlorobenzene	20.0	20.0	18.5		20.5
1,4-Dichlorobenzene	20.0	20.0	18.6		19.9
1,2,4-Trichlorobenzene	20.0	20.0	20.2		21.7
1,2,3-Trichlorobenzene	20.0	20.0	21.6		21.5

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-212899

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-212899/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-212899/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/16/2014 0656			Analysis Date:	03/16/2014 0722
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual	
1,2-Dichloropropane	20.0	20.0	17.7	18.1	
Methylcyclohexane	20.0	20.0	21.3	22.4	
Tetrachloroethene	20.0	20.0	23.8	24.9	*
Xylenes, Total	40.0	40.0	39.2	40.9	
1,2-Dibromo-3-Chloropropane	20.0	20.0	19.6	19.2	
1,1,2,2-Tetrachloroethane	20.0	20.0	15.9	16.2	
1,1,2-Trichloroethane	20.0	20.0	16.9	18.0	
Dibromochloromethane	20.0	20.0	19.4	20.5	
1,2-Dibromoethane	20.0	20.0	19.7	19.9	
Dichlorodifluoromethane	20.0	20.0	23.0	24.6	
Bromochloromethane	20.0	20.0	23.8	25.5	*
Bromodichloromethane	20.0	20.0	20.2	21.3	

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-212905 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-212905/6	Analysis Batch:	460-212905	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J10066.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/16/2014 0830	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	4.8	U	4.8	50
Bromomethane	9.1	U	9.1	50
Vinyl chloride	7.2	U	7.2	50
Chloroethane	8.5	U	8.5	50
Methylene Chloride	9.1	U	9.1	50
Acetone	130	U	130	250
Carbon disulfide	6.3	U	6.3	50
Trichlorofluoromethane	7.3	U	7.3	50
1,1-Dichloroethene	4.4	U	4.4	50
1,1-Dichloroethane	6.5	U	6.5	50
trans-1,2-Dichloroethene	6.4	U	6.4	50
cis-1,2-Dichloroethene	8.9	U	8.9	50
Chloroform	3.9	U	3.9	50
2-Butanone	120	U	120	250
1,2-Dichloroethane	9.5	U	9.5	50
1,1,1-Trichloroethane	3.1	U	3.1	50
Carbon tetrachloride	2.9	U	2.9	50
Benzene	4.1	U	4.1	50
Bromoform	9.6	U	9.6	50
Styrene	5.9	U	5.9	50
Ethylbenzene	4.8	U	4.8	50
Chlorobenzene	5.5	U	5.5	50
Cyclohexane	7.9	U	7.9	50
Isopropylbenzene	3.8	U	3.8	50
2-Hexanone	25	U	25	250
MTBE	6.9	U	6.9	50
Freon TF	4.1	U	4.1	50
Methyl acetate	17	U	17	250
1,4-Dioxane	1800	U	1800	2500
Trichloroethene	4.6	U	4.6	50
Toluene	7.5	U	7.5	50
trans-1,3-Dichloropropene	12	U	12	50
4-Methyl-2-pentanone	49	U	49	250
cis-1,3-Dichloropropene	9.2	U	9.2	50
1,2-Dichlorobenzene	10	U	10	50
1,3-Dichlorobenzene	6.8	U	6.8	50
1,4-Dichlorobenzene	12	U	12	50
1,2,4-Trichlorobenzene	17	U	17	50
1,2,3-Trichlorobenzene	26	U	26	50
1,2-Dichloropropane	4.3	U	4.3	50
Methylcyclohexane	6.8	U	6.8	50
Tetrachloroethene	4.9	U	4.9	50
Xylenes, Total	18	U	18	100
1,2-Dibromo-3-Chloropropane	20	U	20	50
1,1,2,2-Tetrachloroethane	7.9	U	7.9	50

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-212905

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-212905/6	Analysis Batch:	460-212905	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J10066.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/16/2014 0830	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	9.4	U	9.4	50
Dibromochloromethane	10	U	10	50
1,2-Dibromoethane	14	U	14	50
Dichlorodifluoromethane	11	U	11	50
Bromochloromethane	14	U	14	50
Bromodichloromethane	6.3	U	6.3	50

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	75 - 135
Toluene-d8 (Surr)	98	59 - 150
Bromofluorobenzene	97	72 - 133
Dibromofluoromethane (Surr)	97	70 - 130

Method Blank TICs- Batch: 460-212905

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-212905

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-212905/3	Analysis Batch:	460-212905	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J10063.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/16/2014 0715	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-212905/4	Analysis Batch:	460-212905	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J10064.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/16/2014 0740	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	77	81	52 - 144	5	30		
Bromomethane	90	89	58 - 154	1	30		
Vinyl chloride	87	92	55 - 154	5	30		
Chloroethane	117	121	66 - 144	3	30		
Methylene Chloride	102	106	78 - 118	4	30		
Acetone	113	112	48 - 177	1	30		
Carbon disulfide	106	108	70 - 120	2	30		
Trichlorofluoromethane	90	91	60 - 148	2	30		
1,1-Dichloroethene	101	103	68 - 138	3	30		
1,1-Dichloroethane	109	105	79 - 119	3	30		
trans-1,2-Dichloroethene	110	108	73 - 119	2	30		
cis-1,2-Dichloroethene	100	104	78 - 118	3	30		
Chloroform	101	105	81 - 122	4	30		
2-Butanone	120	122	70 - 139	1	30		
1,2-Dichloroethane	102	104	81 - 121	2	30		
1,1,1-Trichloroethane	106	105	78 - 118	1	30		
Carbon tetrachloride	89	89	64 - 130	0	30		
Benzene	103	104	71 - 118	1	30		
Bromoform	90	84	76 - 133	7	30		
Styrene	99	101	73 - 126	1	30		
Ethylbenzene	98	96	78 - 124	1	30		
Chlorobenzene	102	101	69 - 124	2	30		
Cyclohexane	87	90	69 - 128	2	30		
Isopropylbenzene	100	101	80 - 143	1	30		
2-Hexanone	123	125	62 - 123	2	30		*
MTBE	97	99	65 - 143	2	30		
Freon TF	92	95	50 - 128	3	30		
Methyl acetate	98	98	72 - 165	0	30		
1,4-Dioxane	110	124	54 - 147	12	30		
Trichloroethene	107	107	82 - 122	0	30		
Toluene	104	104	79 - 136	0	30		
trans-1,3-Dichloropropene	102	102	73 - 118	0	30		
4-Methyl-2-pentanone	97	96	69 - 124	1	30		
cis-1,3-Dichloropropene	100	99	75 - 120	1	30		
1,2-Dichlorobenzene	105	101	83 - 123	4	30		
1,3-Dichlorobenzene	101	100	83 - 123	1	30		

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-212905

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-212905/3	Analysis Batch:	460-212905	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J10063.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/16/2014 0715	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-212905/4	Analysis Batch:	460-212905	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J10064.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/16/2014 0740	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	103	100	84 - 124	3	30		
1,2,4-Trichlorobenzene	100	100	62 - 144	0	30		
1,2,3-Trichlorobenzene	104	101	36 - 207	2	30		
1,2-Dichloropropane	101	106	78 - 118	5	30		
Methylcyclohexane	82	85	80 - 134	4	30		
Tetrachloroethene	109	108	78 - 136	0	30		
Xylenes, Total	98	100	78 - 126	2	30		
1,2-Dibromo-3-Chloropropane	86	84	62 - 127	3	30		
1,1,2,2-Tetrachloroethane	109	104	86 - 145	4	30		
1,1,2-Trichloroethane	98	98	77 - 120	1	30		
Dibromochloromethane	93	91	78 - 118	2	30		
1,2-Dibromoethane	99	98	76 - 120	1	30		
Dichlorodifluoromethane	75	77	41 - 149	2	30		
Bromochloromethane	103	107	81 - 121	4	30		
Bromodichloromethane	98	100	78 - 118	2	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	96	75 - 135
Toluene-d8 (Surr)	100	98	59 - 150
Bromofluorobenzene	97	97	72 - 133

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-212905

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-212905/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-212905/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	03/16/2014 0715			Analysis Date:	03/16/2014 0740
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual	
Chloromethane	1000	1000	774	813	
Bromomethane	1000	1000	897	891	
Vinyl chloride	1000	1000	869	918	
Chloroethane	1000	1000	1170	1210	
Methylene Chloride	1000	1000	1020	1060	
Acetone	5000	5000	5640	5610	
Carbon disulfide	1000	1000	1060	1080	
Trichlorofluoromethane	1000	1000	898	913	
1,1-Dichloroethene	1000	1000	1010	1030	
1,1-Dichloroethane	1000	1000	1090	1050	
trans-1,2-Dichloroethene	1000	1000	1100	1080	
cis-1,2-Dichloroethene	1000	1000	1000	1040	
Chloroform	1000	1000	1010	1050	
2-Butanone	5000	5000	6020	6080	
1,2-Dichloroethane	1000	1000	1020	1040	
1,1,1-Trichloroethane	1000	1000	1060	1050	
Carbon tetrachloride	1000	1000	893	890	
Benzene	1000	1000	1030	1040	
Bromoform	1000	1000	902	843	
Styrene	1000	1000	993	1010	
Ethylbenzene	1000	1000	975	965	
Chlorobenzene	1000	1000	1020	1010	
Cyclohexane	1000	1000	875	896	
Isopropylbenzene	1000	1000	998	1010	
2-Hexanone	5000	5000	6130	6270	*
MTBE	1000	1000	972	987	
Freon TF	1000	1000	924	949	
Methyl acetate	5000	5000	4900	4880	
1,4-Dioxane	20000	20000	21900	24700	
Trichloroethene	1000	1000	1070	1070	
Toluene	1000	1000	1040	1040	
trans-1,3-Dichloropropene	1000	1000	1020	1020	
4-Methyl-2-pentanone	5000	5000	4840	4790	
cis-1,3-Dichloropropene	1000	1000	1000	993	
1,2-Dichlorobenzene	1000	1000	1050	1010	
1,3-Dichlorobenzene	1000	1000	1010	1000	
1,4-Dichlorobenzene	1000	1000	1030	1000	
1,2,4-Trichlorobenzene	1000	1000	1000	1000	
1,2,3-Trichlorobenzene	1000	1000	1040	1010	

Client: Antea USA, Inc.

Job Number: 460-72174-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-212905

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-212905/3	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-212905/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	03/16/2014 0715			Analysis Date:	03/16/2014 0740
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dichloropropane	1000	1000	1010	1060
Methylcyclohexane	1000	1000	816	848
Tetrachloroethene	1000	1000	1090	1080
Xylenes, Total	2000	2000	1960	2000
1,2-Dibromo-3-Chloropropane	1000	1000	860	836
1,1,2,2-Tetrachloroethane	1000	1000	1090	1040
1,1,2-Trichloroethane	1000	1000	984	978
Dibromochloromethane	1000	1000	927	911
1,2-Dibromoethane	1000	1000	988	976
Dichlorodifluoromethane	1000	1000	751	766
Bromochloromethane	1000	1000	1030	1070
Bromodichloromethane	1000	1000	984	1000

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-211603

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-211603/1-A	Analysis Batch:	460-211922	Instrument ID:	CBNAMS4
Client Matrix:	Solid	Prep Batch:	460-211603	Lab File ID:	U94432.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/11/2014 1722	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	44	U	44	330
2-Chlorophenol	44	U	44	330
2-Methylphenol	56	U	56	330
4-Methylphenol	65	U	65	330
Benzaldehyde	39	U	39	330
Acetophenone	51	U	51	330
Bis(2-chloroethyl)ether	4.5	U	4.5	33
2,2'-oxybis[1-chloropropane]	37	U	37	330
N-Nitrosodi-n-propylamine	5.5	U	5.5	33
Nitrobenzene	4.7	U	4.7	33
Hexachloroethane	3.7	U	3.7	33
Isophorone	40	U	40	330
2-Nitrophenol	37	U	37	330
2,4-Dimethylphenol	82	U	82	330
2,4-Dichlorophenol	48	U	48	330
Bis(2-chloroethoxy)methane	43	U	43	330
Naphthalene	38	U	38	330
4-Chloroaniline	88	U	88	330
Hexachlorobutadiene	8.1	U	8.1	67
Caprolactam	76	U	76	330
4-Chloro-3-methylphenol	50	U	50	330
2-Methylnaphthalene	43	U	43	330
Hexachlorobenzene	4.5	U	4.5	33
Hexachlorocyclopentadiene	39	U	39	330
2,4,6-Trichlorophenol	39	U	39	330
2,4,5-Trichlorophenol	43	U	43	330
Diphenyl	44	U	44	330
2-Chloronaphthalene	37	U	37	330
2-Nitroaniline	140	U	140	670
2,6-Dinitrotoluene	10	U	10	67
Dimethyl phthalate	39	U	39	330
Acenaphthylene	39	U	39	330
3-Nitroaniline	120	U	120	670
Acenaphthene	48	U	48	330
4-Nitrophenol	210	U	210	1000
2,4-Dinitrophenol	190	U	190	1000
Dibenzofuran	39	U	39	330
Diethyl phthalate	39	U	39	330
Fluorene	42	U	42	330
Fluoranthene	44	U	44	330
Di-n-butyl phthalate	41	U	41	330
2,4-Dinitrotoluene	11	U	11	67
4-Chlorophenyl phenyl ether	39	U	39	330
4-Nitroaniline	100	U	100	670
4,6-Dinitro-2-methylphenol	90	U	90	1000

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-211603

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-211603/1-A	Analysis Batch:	460-211922	Instrument ID:	CBNAMS4
Client Matrix:	Solid	Prep Batch:	460-211603	Lab File ID:	U94432.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/11/2014 1722	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	33	U	33	330
Atrazine	51	U	51	330
Anthracene	40	U	40	330
Carbazole	39	U	39	330
Phenanthrene	42	U	42	330
Pentachlorophenol	99	U	99	1000
Pyrene	28	U	28	330
Chrysene	39	U	39	330
Benzo[k]fluoranthene	2.5	U	2.5	33
Benzo[g,h,i]perylene	25	U	25	330
Benzo[b]fluoranthene	2.1	U	2.1	33
Benzo[a]pyrene	2.3	U	2.3	33
Benzo[a]anthracene	2.3	U	2.3	33
N-Nitrosodiphenylamine	33	U	33	330
Butyl benzyl phthalate	30	U	30	330
Bis(2-ethylhexyl) phthalate	110	U	110	330
Di-n-octyl phthalate	21	U	21	330
Indeno[1,2,3-cd]pyrene	6.2	U	6.2	33
Dibenz(a,h)anthracene	4.2	U	4.2	33
3,3'-Dichlorobenzidine	120	U	120	670
1,2,4,5-Tetrachlorobenzene	45	U	45	330
2,3,4,6-Tetrachlorophenol	43	U	43	330

Surrogate	% Rec	Acceptance Limits
Phenol-d5	86	44 - 104
2,4,6-Tribromophenol	111	19 - 114
Nitrobenzene-d5	76	40 - 106
2-Fluorophenol	75	39 - 103
2-Fluorobiphenyl	84	49 - 112
Terphenyl-d14	85	41 - 145

Method Blank TICs- Batch: 460-211603

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Aldol condensation product	2.81	8100	J A

Lab Control Sample - Batch: 460-211603 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	LCS 460-211603/2-A	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Client Matrix:	Solid	Prep Batch:	460-211603	Lab File ID:	U94408.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/11/2014 0517	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzaldehyde	6670	3760	56	10 - 139	

Surrogate	% Rec	Acceptance Limits
Phenol-d5	90	44 - 104
2,4,6-Tribromophenol	113	19 - 114
Nitrobenzene-d5	90	40 - 106
2-Fluorophenol	86	39 - 103
2-Fluorobiphenyl	88	49 - 112
Terphenyl-d14	108	41 - 145

Lab Control Sample - Batch: 460-211603 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	LCS 460-211603/3-A	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Client Matrix:	Solid	Prep Batch:	460-211603	Lab File ID:	U94409.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/11/2014 0539	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	3330	2640	79	46 - 97	
2-Chlorophenol	3330	2720	82	49 - 96	
2-Methylphenol	3330	2790	84	47 - 99	
4-Methylphenol	3330	2760	83	43 - 100	
Acetophenone	3330	2490	75	10 - 126	
Bis(2-chloroethyl)ether	3330	2400	72	45 - 92	
2,2'-oxybis[1-chloropropane]	3330	2540	76	31 - 101	
N-Nitrosodi-n-propylamine	3330	2680	80	49 - 99	
Nitrobenzene	3330	2510	75	33 - 72	*
Hexachloroethane	3330	2330	70	47 - 88	
Isophorone	3330	2680	80	51 - 100	
2-Nitrophenol	3330	2780	83	51 - 98	
2,4-Dimethylphenol	3330	2710	81	46 - 95	
2,4-Dichlorophenol	3330	2610	78	50 - 100	
Bis(2-chloroethoxy)methane	3330	2560	77	48 - 95	
Naphthalene	3330	2620	79	48 - 92	
4-Chloroaniline	3330	949	28	10 - 86	
Hexachlorobutadiene	3330	2590	78	49 - 97	
Caprolactam	3330	3240	97	10 - 120	
4-Chloro-3-methylphenol	3330	2820	85	50 - 102	
2-Methylnaphthalene	3330	2650	79	52 - 100	
Hexachlorobenzene	3330	3460	104	50 - 104	
Hexachlorocyclopentadiene	3330	1860	56	43 - 115	

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample - Batch: 460-211603

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-211603/3-A	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Client Matrix:	Solid	Prep Batch:	460-211603	Lab File ID:	U94409.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/11/2014 0539	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4,6-Trichlorophenol	3330	3000	90	49 - 96	
2,4,5-Trichlorophenol	3330	3030	91	49 - 96	
Diphenyl	3330	2450	73	10 - 134	
2-Chloronaphthalene	3330	2420	73	49 - 93	
2-Nitroaniline	3330	2620	79	35 - 92	
2,6-Dinitrotoluene	3330	2980	89	52 - 104	
Dimethyl phthalate	3330	2910	87	51 - 99	
Acenaphthylene	3330	2540	76	49 - 97	
3-Nitroaniline	3330	1540	46	19 - 90	
Acenaphthene	3330	2450	73	48 - 99	
4-Nitrophenol	6670	6260	94	34 - 112	
2,4-Dinitrophenol	6670	5460	82	10 - 139	
Dibenzofuran	3330	2680	80	50 - 96	
Diethyl phthalate	3330	2850	85	46 - 100	
Fluorene	3330	2720	82	50 - 95	
Fluoranthene	3330	2980	89	45 - 101	
Di-n-butyl phthalate	3330	2270	68	50 - 99	
2,4-Dinitrotoluene	3330	3210	96	49 - 102	
4-Chlorophenyl phenyl ether	3330	3150	94	49 - 95	
4-Nitroaniline	3330	3000	90	33 - 102	
4,6-Dinitro-2-methylphenol	6670	5560	83	14 - 128	
4-Bromophenyl phenyl ether	3330	2340	70	50 - 103	
Atrazine	3330	2440	73	10 - 147	
Anthracene	3330	2260	68	51 - 97	
Carbazole	3330	2450	74	50 - 102	
Phenanthrene	3330	2440	73	51 - 97	
Pentachlorophenol	6670	4930	74	37 - 99	
Pyrene	3330	2870	86	39 - 119	
Chrysene	3330	2550	77	50 - 94	
Benzo[k]fluoranthene	3330	2690	81	53 - 113	
Benzo[g,h,i]perylene	3330	2240	67	46 - 120	
Benzo[b]fluoranthene	3330	2580	78	55 - 115	
Benzo[a]pyrene	3330	2480	74	59 - 116	
Benzo[a]anthracene	3330	2560	77	51 - 97	
N-Nitrosodiphenylamine	3330	2190	66	51 - 103	
Butyl benzyl phthalate	3330	2650	79	47 - 107	
Bis(2-ethylhexyl) phthalate	3330	2550	76	47 - 102	
Di-n-octyl phthalate	3330	2490	75	43 - 120	
Indeno[1,2,3-cd]pyrene	3330	2400	72	47 - 124	
Dibenz(a,h)anthracene	3330	2430	73	48 - 115	
3,3'-Dichlorobenzidine	3330	1480	44	9 - 89	
1,2,4,5-Tetrachlorobenzene	3330	2670	80	45 - 95	
2,3,4,6-Tetrachlorophenol	3330	2900	87	49 - 104	

Surrogate	% Rec	Acceptance Limits
Phenol-d5	74	44 - 104

Client: Antea USA, Inc. Job Number: 460-72174-1

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	91	19 - 114
Nitrobenzene-d5	72	40 - 106
2-Fluorophenol	71	39 - 103
2-Fluorobiphenyl	72	49 - 112
Terphenyl-d14	79	41 - 145

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211603

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-72174-1	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Client Matrix:	Solid	Prep Batch:	460-211603	Lab File ID:	U94423.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	03/11/2014 1209			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-72174-1	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Client Matrix:	Solid	Prep Batch:	460-211603	Lab File ID:	U94424.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	03/11/2014 1232			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	92	92	46 - 97	0	30		
2-Chlorophenol	90	95	49 - 96	5	30		
2-Methylphenol	93	89	47 - 99	4	30		
4-Methylphenol	95	93	43 - 100	3	30		
Benzaldehyde	66	66	10 - 139	1	30		
Acetophenone	88	89	10 - 126	1	30		
Bis(2-chloroethyl)ether	81	77	45 - 92	4	30		
2,2'-oxybis[1-chloropropane]	84	81	31 - 101	3	30		
N-Nitrosodi-n-propylamine	91	84	49 - 99	7	30		
Nitrobenzene	85	86	33 - 72	1	30	F1	F1
Hexachloroethane	73	70	47 - 88	3	30		
Isophorone	93	92	51 - 100	1	30		
2-Nitrophenol	87	90	51 - 98	3	30		
2,4-Dimethylphenol	95	80	46 - 95	18	30		
2,4-Dichlorophenol	90	85	50 - 100	5	30		
Bis(2-chloroethoxy)methane	87	85	48 - 95	2	30		
Naphthalene	89	82	48 - 92	7	30		
4-Chloroaniline	37	31	10 - 86	16	30		
Hexachlorobutadiene	82	82	49 - 97	0	30		
Caprolactam	108	106	10 - 120	2	30		
4-Chloro-3-methylphenol	95	92	50 - 102	3	30		
2-Methylnaphthalene	85	88	52 - 100	4	30		
Hexachlorobenzene	112	117	50 - 104	4	30	F1	F1
Hexachlorocyclopentadiene	50	45	43 - 115	12	30		
2,4,6-Trichlorophenol	105	105	49 - 96	0	30	F1	F1
2,4,5-Trichlorophenol	103	96	49 - 96	6	30	F1	
Diphenyl	82	88	10 - 134	7	30		
2-Chloronaphthalene	95	90	49 - 93	5	30	F1	
2-Nitroaniline	101	96	35 - 92	5	30	F1	F1
2,6-Dinitrotoluene	108	101	52 - 104	6	30	F1	
Dimethyl phthalate	112	104	51 - 99	8	30	F1	F1
Acenaphthylene	92	88	49 - 97	4	30		
3-Nitroaniline	82	73	19 - 90	12	30		

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211603

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-72174-1	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Client Matrix:	Solid	Prep Batch:	460-211603	Lab File ID:	U94423.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	03/11/2014 1209			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-72174-1	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Client Matrix:	Solid	Prep Batch:	460-211603	Lab File ID:	U94424.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	03/11/2014 1232			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	82	81	48 - 99	1	30		
4-Nitrophenol	110	96	34 - 112	14	30		
2,4-Dinitrophenol	72	66	10 - 139	8	30		
Dibenzofuran	103	94	50 - 96	9	30	F1	
Diethyl phthalate	119	106	46 - 100	11	30	F1	F1
Fluorene	99	92	50 - 95	7	30	F1	
Fluoranthene	95	97	45 - 101	2	30		
Di-n-butyl phthalate	91	80	50 - 99	13	30		
2,4-Dinitrotoluene	122	110	49 - 102	10	30	F1	F1
4-Chlorophenyl phenyl ether	104	98	49 - 95	6	30	F1	F1
4-Nitroaniline	112	103	33 - 102	8	30	F1	F1
4,6-Dinitro-2-methylphenol	82	79	14 - 128	4	30		
4-Bromophenyl phenyl ether	98	95	50 - 103	4	30		
Atrazine	92	88	10 - 147	4	30		
Anthracene	85	85	51 - 97	0	30		
Carbazole	90	93	50 - 102	3	30		
Phenanthrene	89	88	51 - 97	2	30		
Pentachlorophenol	59	66	37 - 99	12	30		
Pyrene	104	100	39 - 119	4	30		
Chrysene	100	90	50 - 94	10	30	F1	
Benzo[k]fluoranthene	93	78	53 - 113	18	30		
Benzo[g,h,i]perylene	85	70	46 - 120	18	30		
Benzo[b]fluoranthene	83	80	55 - 115	3	30		
Benzo[a]pyrene	90	86	59 - 116	5	30		
Benzo[a]anthracene	92	87	51 - 97	6	30		
N-Nitrosodiphenylamine	89	92	51 - 103	4	30		
Butyl benzyl phthalate	96	91	47 - 107	6	30		
Bis(2-ethylhexyl) phthalate	91	89	47 - 102	2	30		
Di-n-octyl phthalate	71	64	43 - 120	10	30		
Indeno[1,2,3-cd]pyrene	89	79	47 - 124	11	30		
Dibenz(a,h)anthracene	91	79	48 - 115	14	30		
3,3'-Dichlorobenzidine	75	78	9 - 89	4	30		
1,2,4,5-Tetrachlorobenzene	94	91	45 - 95	3	30		

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211603

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-72174-1	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Client Matrix:	Solid	Prep Batch:	460-211603	Lab File ID:	U94423.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	03/11/2014 1209			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-72174-1	Analysis Batch:	460-211759	Instrument ID:	CBNAMS4
Client Matrix:	Solid	Prep Batch:	460-211603	Lab File ID:	U94424.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	03/11/2014 1232			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 0903			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,3,4,6-Tetrachlorophenol	98	90	49 - 104	8	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2,4,6-Tribromophenol	113	107	19 - 114
Phenol-d5	87	84	44 - 104
2-Fluorophenol	80	83	39 - 103
Nitrobenzene-d5	86	82	40 - 106
2-Fluorobiphenyl	97	90	49 - 112
Terphenyl-d14	98	97	41 - 145

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211603

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-72174-1	Units:	ug/Kg	MSD Lab Sample ID:	460-72174-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/11/2014 1209			Analysis Date:	03/11/2014 1232
Prep Date:	03/10/2014 0903			Prep Date:	03/10/2014 0903
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Phenol	47	U	3540	3540	3250		3250	
2-Chlorophenol	46	U	3540	3540	3200		3370	
2-Methylphenol	60	U	3540	3540	3300		3170	
4-Methylphenol	69	U	3540	3540	3380		3290	
Benzaldehyde	41	U	7080	7080	4700		4640	
Acetophenone	54	U	3540	3540	3120		3150	
Bis(2-chloroethyl)ether	4.8	U	3540	3540	2860		2730	
2,2'-oxybis[1-chloropropane]	39	U	3540	3540	2970		2880	
N-Nitrosodi-n-propylamine	5.9	U	3540	3540	3200		2980	
Nitrobenzene	5.0	U	3540	3540	3000	F1	3040	F1
Hexachloroethane	3.9	U	3540	3540	2570		2480	
Isophorone	43	U	3540	3540	3280		3250	
2-Nitrophenol	39	U	3540	3540	3090		3170	
2,4-Dimethylphenol	87	U	3540	3540	3370		2830	
2,4-Dichlorophenol	51	U	3540	3540	3180		3020	
Bis(2-chloroethoxy)methane	45	U	3540	3540	3070		3000	
Naphthalene	41	U	3540	3540	3130		2910	
4-Chloroaniline	93	U	3540	3540	1310		1110	
Hexachlorobutadiene	8.6	U	3540	3540	2920		2900	
Caprolactam	81	U	3540	3540	3830		3740	
4-Chloro-3-methylphenol	53	U	3540	3540	3370		3270	
2-Methylnaphthalene	45	U	3540	3540	3010		3130	
Hexachlorobenzene	4.8	U	3540	3540	3970	F1	4150	F1
Hexachlorocyclopentadiene	41	U	3540	3540	1790		1590	
2,4,6-Trichlorophenol	41	U	3540	3540	3710	F1	3710	F1
2,4,5-Trichlorophenol	45	U	3540	3540	3630	F1	3410	
Diphenyl	47	U	3540	3540	2880		3100	
2-Chloronaphthalene	39	U	3540	3540	3360	F1	3200	
2-Nitroaniline	150	U	3540	3540	3560	F1	3390	F1
2,6-Dinitrotoluene	11	U	3540	3540	3810	F1	3580	
Dimethyl phthalate	42	U	3540	3540	3960	F1	3670	F1
Acenaphthylene	42	U	3540	3540	3250		3110	
3-Nitroaniline	120	U	3540	3540	2920		2590	
Acenaphthene	51	U	3540	3540	2890		2870	
4-Nitrophenol	230	U	7080	7080	7790		6770	
2,4-Dinitrophenol	200	U	7080	7080	5100		4710	
Dibenzofuran	41	U	3540	3540	3630	F1	3330	
Diethyl phthalate	42	U	3540	3540	4200	F1	3760	F1
Fluorene	45	U	3540	3540	3520	F1	3270	
Fluoranthene	47	U	3540	3540	3360		3430	
Di-n-butyl phthalate	43	U	3540	3540	3220		2830	
2,4-Dinitrotoluene	12	U	3540	3540	4310	F1	3890	F1
4-Chlorophenyl phenyl ether	41	U	3540	3540	3680	F1	3470	F1

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211603

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-72174-1	Units: ug/Kg	MSD Lab Sample ID:	460-72174-1	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	03/11/2014 1209		Analysis Date:	03/11/2014 1232	
Prep Date:	03/10/2014 0903		Prep Date:	03/10/2014 0903	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4-Nitroaniline	110	U	3540	3540	3950	F1	3640	F1
4,6-Dinitro-2-methylphenol	96	U	7080	7080	5800		5600	
4-Bromophenyl phenyl ether	35	U	3540	3540	3470		3350	
Atrazine	54	U	3540	3540	3270		3130	
Anthracene	43	U	3540	3540	3010		3000	
Carbazole	42	U	3540	3540	3170		3280	
Phenanthrene	45	U	3540	3540	3160		3110	
Pentachlorophenol	100	U	7080	7080	4160		4700	
Pyrene	29	U	3540	3540	3670		3540	
Chrysene	41	U	3540	3540	3530	F1	3190	
Benzo[k]fluoranthene	2.7	U	3540	3540	3290		2760	
Benzo[g,h,i]perylene	26	U	3540	3540	2990		2500	
Benzo[b]fluoranthene	2.2	U	3540	3540	2930		2850	
Benzo[a]pyrene	2.5	U	3540	3540	3190		3040	
Benzo[a]anthracene	2.5	U	3540	3540	3260		3080	
N-Nitrosodiphenylamine	35	U	3540	3540	3130		3260	
Butyl benzyl phthalate	32	U	3540	3540	3410		3210	
Bis(2-ethylhexyl) phthalate	120	U	3540	3540	3210		3150	
Di-n-octyl phthalate	22	U	3540	3540	2520		2280	
Indeno[1,2,3-cd]pyrene	6.5	U	3540	3540	3130		2790	
Dibenz(a,h)anthracene	4.4	U	3540	3540	3220		2810	
3,3'-Dichlorobenzidine	120	U	3540	3540	2650		2770	
1,2,4,5-Tetrachlorobenzene	47	U	3540	3540	3310		3210	
2,3,4,6-Tetrachlorophenol	46	U	3540	3540	3470		3200	

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-211622

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-211622/1-A	Analysis Batch:	460-212257	Instrument ID:	CBNAMS11
Client Matrix:	Water	Prep Batch:	460-211622	Lab File ID:	z8776.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/13/2014 0235	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	03/10/2014 0935			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	0.81	U	0.81	10
2-Chlorophenol	2.2	U	2.2	10
2-Methylphenol	1.8	U	1.8	10
4-Methylphenol	1.6	U	1.6	10
Benzaldehyde	2.0	U	2.0	10
Acetophenone	2.7	U	2.7	10
Bis(2-chloroethyl)ether	0.28	U	0.28	1.0
2,2'-oxybis[1-chloropropane]	2.0	U	2.0	10
N-Nitrosodi-n-propylamine	0.25	U	0.25	1.0
Nitrobenzene	0.30	U	0.30	1.0
Hexachloroethane	0.25	U	0.25	1.0
Isophorone	2.7	U	2.7	10
2-Nitrophenol	2.4	U	2.4	10
2,4-Dimethylphenol	3.4	U	3.4	10
2,4-Dichlorophenol	2.6	U	2.6	10
Bis(2-chloroethoxy)methane	2.6	U	2.6	10
Naphthalene	2.7	U	2.7	10
4-Chloroaniline	2.0	U	2.0	10
Hexachlorobutadiene	0.57	U	0.57	2.0
Caprolactam	2.5	U	2.5	10
4-Chloro-3-methylphenol	2.5	U	2.5	10
2-Methylnaphthalene	3.0	U	3.0	10
Hexachlorobenzene	0.29	U	0.29	1.0
Hexachlorocyclopentadiene	1.7	U	1.7	10
2,4,6-Trichlorophenol	2.4	U	2.4	10
2,4,5-Trichlorophenol	2.6	U	2.6	10
Diphenyl	2.8	U	2.8	10
2-Chloronaphthalene	2.7	U	2.7	10
2-Nitroaniline	4.9	U	4.9	20
2,6-Dinitrotoluene	0.61	U	0.61	2.0
Dimethyl phthalate	2.8	U	2.8	10
Acenaphthylene	2.7	U	2.7	10
3-Nitroaniline	5.0	U	5.0	20
Acenaphthene	2.7	U	2.7	10
4-Nitrophenol	6.7	U	6.7	30
2,4-Dinitrophenol	5.4	U	5.4	30
Dibenzofuran	2.8	U	2.8	10
Diethyl phthalate	2.9	U	2.9	10
Fluorene	2.8	U	2.8	10
Fluoranthene	3.2	U	3.2	10
Di-n-butyl phthalate	2.9	U	2.9	10
2,4-Dinitrotoluene	0.47	U	0.47	2.0
4-Chlorophenyl phenyl ether	2.5	U	2.5	10
4-Nitroaniline	5.8	U	5.8	20
4,6-Dinitro-2-methylphenol	4.7	U	4.7	30

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-211622

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-211622/1-A	Analysis Batch:	460-212257	Instrument ID:	CBNAMS11
Client Matrix:	Water	Prep Batch:	460-211622	Lab File ID:	z8776.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/13/2014 0235	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	03/10/2014 0935			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	2.5	U	2.5	10
Atrazine	3.0	U	3.0	10
Anthracene	2.8	U	2.8	10
Carbazole	3.2	U	3.2	10
Phenanthrene	3.1	U	3.1	10
Pentachlorophenol	5.3	U	5.3	30
Pyrene	2.9	U	2.9	10
Chrysene	3.1	U	3.1	10
Benzo[k]fluoranthene	0.26	U	0.26	1.0
Benzo[g,h,i]perylene	2.0	U	2.0	10
Benzo[b]fluoranthene	0.26	U	0.26	1.0
Benzo[a]pyrene	0.14	U	0.14	1.0
Benzo[a]anthracene	0.27	U	0.27	1.0
N-Nitrosodiphenylamine	2.9	U	2.9	10
Butyl benzyl phthalate	2.5	U	2.5	10
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	10
Di-n-octyl phthalate	1.5	U	1.5	10
Indeno[1,2,3-cd]pyrene	0.15	U	0.15	1.0
Dibenz(a,h)anthracene	0.090	U	0.090	1.0
3,3'-Dichlorobenzidine	4.9	U	4.9	20
1,2,4,5-Tetrachlorobenzene	2.6	U	2.6	10
2,3,4,6-Tetrachlorophenol	2.5	U	2.5	10

Surrogate	% Rec	Acceptance Limits
Phenol-d5	23	10 - 48
2,4,6-Tribromophenol	79	46 - 122
Nitrobenzene-d5	85	56 - 112
2-Fluorophenol	38	10 - 65
2-Fluorobiphenyl	80	53 - 108
Terphenyl-d14	76	50 - 122

Method Blank TICs- Batch: 460-211622

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-211622

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-211622/2-A	Analysis Batch:	460-212257	Instrument ID:	CBNAMS11
Client Matrix:	Water	Prep Batch:	460-211622	Lab File ID:	z8777.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/13/2014 0258	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	03/10/2014 0935			Injection Volume:	1 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-211622/3-A	Analysis Batch:	460-212257	Instrument ID:	CBNAMS11
Client Matrix:	Water	Prep Batch:	460-211622	Lab File ID:	z8778.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/13/2014 0321	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	03/10/2014 0935			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Phenol	21	21	12 - 44	0	30		
2-Chlorophenol	69	66	53 - 101	5	30		
2-Methylphenol	56	54	40 - 90	4	30		
4-Methylphenol	46	44	30 - 75	6	30		
Acetophenone	84	80	68 - 109	5	30		
Bis(2-chloroethyl)ether	88	82	62 - 108	7	30		
2,2'-oxybis[1-chloropropane]	90	85	68 - 107	5	30		
N-Nitrosodi-n-propylamine	90	86	70 - 109	5	30		
Nitrobenzene	84	81	66 - 106	4	30		
Hexachloroethane	86	83	50 - 99	4	30		
Isophorone	89	83	68 - 108	8	30		
2-Nitrophenol	82	77	65 - 107	6	30		
2,4-Dimethylphenol	74	69	55 - 100	8	30		
2,4-Dichlorophenol	80	75	64 - 107	7	30		
Bis(2-chloroethoxy)methane	88	82	69 - 108	7	30		
Naphthalene	84	78	63 - 101	7	30		
4-Chloroaniline	72	68	58 - 105	5	30		
Hexachlorobutadiene	90	84	52 - 99	7	30		
Caprolactam	14	14	10 - 30	0	30		
4-Chloro-3-methylphenol	78	74	57 - 106	5	30		
2-Methylnaphthalene	83	78	66 - 102	6	30		
Hexachlorobenzene	90	85	65 - 107	7	30		
Hexachlorocyclopentadiene	74	73	40 - 105	2	30		
2,4,6-Trichlorophenol	86	81	67 - 111	7	30		
2,4,5-Trichlorophenol	86	84	67 - 114	2	30		
Diphenyl	81	78	66 - 112	5	30		
2-Chloronaphthalene	84	80	65 - 107	5	30		
2-Nitroaniline	94	88	73 - 116	6	30		
2,6-Dinitrotoluene	99	94	68 - 114	5	30		
Dimethyl phthalate	90	89	69 - 111	2	30		
Acenaphthylene	86	81	67 - 107	6	30		
3-Nitroaniline	81	84	59 - 108	3	30		
Acenaphthene	80	75	66 - 108	7	30		
4-Nitrophenol	32	31	10 - 44	2	30		
2,4-Dinitrophenol	68	76	19 - 113	11	30		
Dibenzofuran	85	81	68 - 105	5	30		

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-211622

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-211622/2-A	Analysis Batch:	460-212257	Instrument ID:	CBNAMS11
Client Matrix:	Water	Prep Batch:	460-211622	Lab File ID:	z8777.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/13/2014 0258	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	03/10/2014 0935			Injection Volume:	1 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-211622/3-A	Analysis Batch:	460-212257	Instrument ID:	CBNAMS11
Client Matrix:	Water	Prep Batch:	460-211622	Lab File ID:	z8778.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/13/2014 0321	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	03/10/2014 0935			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diethyl phthalate	92	89	66 - 109	3	30		
Fluorene	83	80	68 - 105	4	30		
Fluoranthene	86	85	68 - 108	2	30		
Di-n-butyl phthalate	86	84	68 - 111	3	30		
2,4-Dinitrotoluene	93	92	65 - 113	1	30		
4-Chlorophenyl phenyl ether	87	82	68 - 105	5	30		
4-Nitroaniline	83	87	49 - 119	5	30		
4,6-Dinitro-2-methylphenol	74	77	58 - 115	4	30		
4-Bromophenyl phenyl ether	82	75	66 - 110	9	30		
Atrazine	76	74	56 - 116	2	30		
Anthracene	81	76	68 - 108	7	30		
Carbazole	83	82	67 - 110	2	30		
Phenanthrene	80	77	68 - 110	4	30		
Pentachlorophenol	78	76	55 - 116	3	30		
Pyrene	80	73	61 - 110	8	30		
Chrysene	83	77	68 - 112	7	30		
Benzo[k]fluoranthene	87	82	66 - 114	6	30		
Benzo[g,h,i]perylene	93	82	65 - 134	13	30		
Benzo[b]fluoranthene	90	84	65 - 111	7	30		
Benzo[a]pyrene	84	80	58 - 101	5	30		
Benzo[a]anthracene	82	80	65 - 106	3	30		
N-Nitrosodiphenylamine	90	84	71 - 121	7	30		
Butyl benzyl phthalate	79	78	66 - 115	1	30		
Bis(2-ethylhexyl) phthalate	75	72	66 - 114	4	30		
Di-n-octyl phthalate	76	73	51 - 115	4	30		
Indeno[1,2,3-cd]pyrene	89	81	68 - 121	9	30		
Dibenz(a,h)anthracene	88	84	67 - 124	5	30		
3,3'-Dichlorobenzidine	79	76	69 - 129	3	30		
1,2,4,5-Tetrachlorobenzene	84	80	70 - 130	5	30		
2,3,4,6-Tetrachlorophenol	89	89	70 - 130	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2,4,6-Tribromophenol	96	93	46 - 122
Phenol-d5	20	20	10 - 48
2-Fluorophenol	38	36	10 - 65
Nitrobenzene-d5	88	84	56 - 112

Client: Antea USA, Inc. Job Number: 460-72174-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2-Fluorobiphenyl	82	77	53 - 108
Terphenyl-d14	62	56	50 - 122

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-211622

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-211622/4-A	Analysis Batch:	460-212257	Instrument ID:	CBNAMS11
Client Matrix:	Water	Prep Batch:	460-211622	Lab File ID:	z8779.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/13/2014 0344	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	03/10/2014 0935			Injection Volume:	1 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-211622/5-A	Analysis Batch:	460-212257	Instrument ID:	CBNAMS11
Client Matrix:	Water	Prep Batch:	460-211622	Lab File ID:	z8780.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/13/2014 0407	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	03/10/2014 0935			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzaldehyde	107	105	52 - 150	2	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2,4,6-Tribromophenol	89	84	46 - 122
Phenol-d5	24	24	10 - 48
2-Fluorophenol	41	40	10 - 65
Nitrobenzene-d5	91	87	56 - 112
2-Fluorobiphenyl	83	81	53 - 108
Terphenyl-d14	83	80	50 - 122

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-211622

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-211622/2-A	Units: ug/L		LCSD Lab Sample ID:	LCSD 460-211622/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/13/2014 0258			Analysis Date:	03/13/2014 0321
Prep Date:	03/10/2014 0935			Prep Date:	03/10/2014 0935
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Phenol	100	100	20.8	20.7
2-Chlorophenol	100	100	69.3	66.1
2-Methylphenol	100	100	55.8	53.8
4-Methylphenol	100	100	46.2	43.6
Acetophenone	100	100	84.4	80.4
Bis(2-chloroethyl)ether	100	100	87.8	81.8
2,2'-oxybis[1-chloropropane]	100	100	89.6	85.0
N-Nitrosodi-n-propylamine	100	100	90.3	86.1
Nitrobenzene	100	100	83.7	80.6
Hexachloroethane	100	100	86.2	82.7
Isophorone	100	100	89.4	82.8
2-Nitrophenol	100	100	81.8	77.0
2,4-Dimethylphenol	100	100	74.4	68.9
2,4-Dichlorophenol	100	100	80.4	74.6
Bis(2-chloroethoxy)methane	100	100	88.1	81.8
Naphthalene	100	100	83.6	78.0
4-Chloroaniline	100	100	71.5	67.8
Hexachlorobutadiene	100	100	89.8	83.7
Caprolactam	100	100	14.5	14.5
4-Chloro-3-methylphenol	100	100	77.5	74.1
2-Methylnaphthalene	100	100	82.9	77.9
Hexachlorobenzene	100	100	90.4	84.6
Hexachlorocyclopentadiene	100	100	73.8	72.6
2,4,6-Trichlorophenol	100	100	86.3	80.7
2,4,5-Trichlorophenol	100	100	86.1	84.0
Diphenyl	100	100	81.5	77.6
2-Chloronaphthalene	100	100	84.2	80.4
2-Nitroaniline	100	100	94.0	88.1
2,6-Dinitrotoluene	100	100	98.7	94.1
Dimethyl phthalate	100	100	90.1	88.6
Acenaphthylene	100	100	85.8	81.2
3-Nitroaniline	100	100	81.2	83.7
Acenaphthene	100	100	79.9	74.5
4-Nitrophenol	200	200	63.2	62.3
2,4-Dinitrophenol	200	200	136	152
Dibenzofuran	100	100	85.3	81.3
Diethyl phthalate	100	100	92.2	89.5
Fluorene	100	100	82.9	79.8
Fluoranthene	100	100	86.5	84.8

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-211622

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-211622/2-A	Units: ug/L		LCSD Lab Sample ID:	LCSD 460-211622/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/13/2014 0258			Analysis Date:	03/13/2014 0321
Prep Date:	03/10/2014 0935			Prep Date:	03/10/2014 0935
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Di-n-butyl phthalate	100	100	86.2	83.7
2,4-Dinitrotoluene	100	100	92.6	91.6
4-Chlorophenyl phenyl ether	100	100	86.6	82.4
4-Nitroaniline	100	100	83.0	87.0
4,6-Dinitro-2-methylphenol	200	200	148	154
4-Bromophenyl phenyl ether	100	100	82.1	74.9
Atrazine	100	100	75.6	74.0
Anthracene	100	100	81.5	76.0
Carbazole	100	100	83.1	81.5
Phenanthrene	100	100	79.8	76.8
Pentachlorophenol	200	200	156	152
Pyrene	100	100	80.0	73.4
Chrysene	100	100	83.0	77.5
Benzo[k]fluoranthene	100	100	86.8	82.0
Benzo[g,h,i]perylene	100	100	92.7	81.6
Benzo[b]fluoranthene	100	100	90.4	84.3
Benzo[a]pyrene	100	100	83.7	79.6
Benzo[a]anthracene	100	100	82.2	80.0
N-Nitrosodiphenylamine	100	100	89.8	83.6
Butyl benzyl phthalate	100	100	78.7	78.1
Bis(2-ethylhexyl) phthalate	100	100	75.0	72.0
Di-n-octyl phthalate	100	100	76.0	72.9
Indeno[1,2,3-cd]pyrene	100	100	89.0	81.2
Dibenz(a,h)anthracene	100	100	88.4	83.7
3,3'-Dichlorobenzidine	100	100	78.9	76.3
1,2,4,5-Tetrachlorobenzene	100	100	84.4	80.1
2,3,4,6-Tetrachlorophenol	100	100	89.1	88.6

Client: Antea USA, Inc.

Job Number: 460-72174-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-211622

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-211622/4-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-211622/5-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/13/2014 0344			Analysis Date:	03/13/2014 0407
Prep Date:	03/10/2014 0935			Prep Date:	03/10/2014 0935
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Benzaldehyde	200	200	214	210

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-211728

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-211728/1-A	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-211728	Lab File ID:	L1147861.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	03/11/2014 1713	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	44	U	44	330
2-Chlorophenol	43	U	43	330
2-Methylphenol	56	U	56	330
4-Methylphenol	65	U	65	330
Benzaldehyde	39	U	39	330
Acetophenone	51	U	51	330
Bis(2-chloroethyl)ether	4.5	U	4.5	33
2,2'-oxybis[1-chloropropane]	37	U	37	330
N-Nitrosodi-n-propylamine	5.5	U	5.5	33
Nitrobenzene	4.7	U	4.7	33
Hexachloroethane	3.7	U	3.7	33
Isophorone	40	U	40	330
2-Nitrophenol	37	U	37	330
2,4-Dimethylphenol	81	U	81	330
2,4-Dichlorophenol	48	U	48	330
Bis(2-chloroethoxy)methane	43	U	43	330
Naphthalene	38	U	38	330
4-Chloroaniline	87	U	87	330
Hexachlorobutadiene	8.1	U	8.1	67
Caprolactam	76	U	76	330
4-Chloro-3-methylphenol	50	U	50	330
2-Methylnaphthalene	42	U	42	330
Hexachlorobenzene	4.5	U	4.5	33
Hexachlorocyclopentadiene	39	U	39	330
2,4,6-Trichlorophenol	39	U	39	330
2,4,5-Trichlorophenol	43	U	43	330
Diphenyl	44	U	44	330
2-Chloronaphthalene	37	U	37	330
2-Nitroaniline	140	U	140	670
2,6-Dinitrotoluene	10	U	10	67
Dimethyl phthalate	39	U	39	330
Acenaphthylene	39	U	39	330
3-Nitroaniline	120	U	120	670
Acenaphthene	48	U	48	330
4-Nitrophenol	210	U	210	1000
2,4-Dinitrophenol	190	U	190	1000
Dibenzofuran	39	U	39	330
Diethyl phthalate	39	U	39	330
Fluorene	42	U	42	330
Fluoranthene	44	U	44	330
Di-n-butyl phthalate	41	U	41	330
2,4-Dinitrotoluene	11	U	11	67
4-Chlorophenyl phenyl ether	39	U	39	330
4-Nitroaniline	100	U	100	670
4,6-Dinitro-2-methylphenol	90	U	90	1000

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-211728

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-211728/1-A	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-211728	Lab File ID:	L1147861.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	03/11/2014 1713	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	33	U	33	330
Atrazine	51	U	51	330
Anthracene	40	U	40	330
Carbazole	39	U	39	330
Phenanthrene	42	U	42	330
Pentachlorophenol	99	U	99	1000
Pyrene	28	U	28	330
Chrysene	39	U	39	330
Benzo[k]fluoranthene	2.5	U	2.5	33
Benzo[g,h,i]perylene	24	U	24	330
Benzo[b]fluoranthene	2.1	U	2.1	33
Benzo[a]pyrene	2.3	U	2.3	33
Benzo[a]anthracene	2.3	U	2.3	33
N-Nitrosodiphenylamine	33	U	33	330
Butyl benzyl phthalate	30	U	30	330
Bis(2-ethylhexyl) phthalate	110	U	110	330
Di-n-octyl phthalate	21	U	21	330
Indeno[1,2,3-cd]pyrene	6.1	U	6.1	33
Dibenz(a,h)anthracene	4.2	U	4.2	33
3,3'-Dichlorobenzidine	120	U	120	670
1,2,4,5-Tetrachlorobenzene	44	U	44	330
2,3,4,6-Tetrachlorophenol	43	U	43	330

Surrogate	% Rec	Acceptance Limits
Phenol-d5	88	44 - 104
2,4,6-Tribromophenol	84	19 - 114
Nitrobenzene-d5	95	40 - 106
2-Fluorophenol	85	39 - 103
2-Fluorobiphenyl	92	49 - 112
Terphenyl-d14	111	41 - 145

Method Blank TICs- Batch: 460-211728

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Aldol condensation product	2.17	6640	A J

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample - Batch: 460-211728

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-211728/2-A	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-211728	Lab File ID:	L1147862.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	03/11/2014 1738	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	3320	2390	72	46 - 97	
2-Chlorophenol	3320	2460	74	49 - 96	
2-Methylphenol	3320	2440	73	47 - 99	
4-Methylphenol	3320	2480	75	43 - 100	
Acetophenone	3320	2460	74	10 - 126	
Bis(2-chloroethyl)ether	3320	2610	79	45 - 92	
2,2'-oxybis[1-chloropropane]	3320	2570	77	31 - 101	
N-Nitrosodi-n-propylamine	3320	2660	80	49 - 99	
Nitrobenzene	3320	2760	83	33 - 72	*
Hexachloroethane	3320	2560	77	47 - 88	
Isophorone	3320	2650	80	51 - 100	
2-Nitrophenol	3320	2700	81	51 - 98	
2,4-Dimethylphenol	3320	2500	75	46 - 95	
2,4-Dichlorophenol	3320	2590	78	50 - 100	
Bis(2-chloroethoxy)methane	3320	2650	80	48 - 95	
Naphthalene	3320	2580	78	48 - 92	
4-Chloroaniline	3320	1230	37	10 - 86	
Hexachlorobutadiene	3320	2690	81	49 - 97	
Caprolactam	3320	2280	69	10 - 120	
4-Chloro-3-methylphenol	3320	2580	78	50 - 102	
2-Methylnaphthalene	3320	2620	79	52 - 100	
Hexachlorobenzene	3320	2860	86	50 - 104	
Hexachlorocyclopentadiene	3320	3310	100	43 - 115	
2,4,6-Trichlorophenol	3320	2710	82	49 - 96	
2,4,5-Trichlorophenol	3320	2750	83	49 - 96	
Diphenyl	3320	2750	83	10 - 134	
2-Chloronaphthalene	3320	2740	82	49 - 93	
2-Nitroaniline	3320	2700	81	35 - 92	
2,6-Dinitrotoluene	3320	2740	82	52 - 104	
Dimethyl phthalate	3320	2650	80	51 - 99	
Acenaphthylene	3320	2730	82	49 - 97	
3-Nitroaniline	3320	1800	54	19 - 90	
Acenaphthene	3320	2690	81	48 - 99	
4-Nitrophenol	6650	4740	71	34 - 112	
2,4-Dinitrophenol	6650	5090	77	10 - 139	
Dibenzofuran	3320	2660	80	50 - 96	
Diethyl phthalate	3320	2560	77	46 - 100	
Fluorene	3320	2630	79	50 - 95	
Fluoranthene	3320	2520	76	45 - 101	
Di-n-butyl phthalate	3320	2610	79	50 - 99	
2,4-Dinitrotoluene	3320	2660	80	49 - 102	
4-Chlorophenyl phenyl ether	3320	2690	81	49 - 95	
4-Nitroaniline	3320	2470	74	33 - 102	
4,6-Dinitro-2-methylphenol	6650	5610	84	14 - 128	
4-Bromophenyl phenyl ether	3320	2900	87	50 - 103	
Atrazine	3320	2200	66	10 - 147	

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample - Batch: 460-211728 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	LCS 460-211728/2-A	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-211728	Lab File ID:	L1147862.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	03/11/2014 1738	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Anthracene	3320	2700	81	51 - 97	
Carbazole	3320	2650	80	50 - 102	
Phenanthrene	3320	2700	81	51 - 97	
Pentachlorophenol	6650	5550	84	37 - 99	
Pyrene	3320	2980	90	39 - 119	
Chrysene	3320	2760	83	50 - 94	
Benzo[k]fluoranthene	3320	2790	84	53 - 113	
Benzo[g,h,i]perylene	3320	2740	82	46 - 120	
Benzo[b]fluoranthene	3320	2770	83	55 - 115	
Benzo[a]pyrene	3320	2800	84	59 - 116	
Benzo[a]anthracene	3320	2590	78	51 - 97	
N-Nitrosodiphenylamine	3320	2900	87	51 - 103	
Butyl benzyl phthalate	3320	2760	83	47 - 107	
Bis(2-ethylhexyl) phthalate	3320	2580	78	47 - 102	
Di-n-octyl phthalate	3320	2710	81	43 - 120	
Indeno[1,2,3-cd]pyrene	3320	2820	85	47 - 124	
Dibenz(a,h)anthracene	3320	2870	86	48 - 115	
3,3'-Dichlorobenzidine	3320	1830	55	9 - 89	
1,2,4,5-Tetrachlorobenzene	3320	2790	84	45 - 95	
2,3,4,6-Tetrachlorophenol	3320	2860	86	49 - 104	

Surrogate	% Rec	Acceptance Limits
Phenol-d5	82	44 - 104
2,4,6-Tribromophenol	92	19 - 114
Nitrobenzene-d5	91	40 - 106
2-Fluorophenol	80	39 - 103
2-Fluorobiphenyl	94	49 - 112
Terphenyl-d14	99	41 - 145

Lab Control Sample - Batch: 460-211728 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	LCS 460-211728/3-A	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-211728	Lab File ID:	L1147863.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	03/11/2014 1802	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzaldehyde	6650	5340	80	10 - 139	

Surrogate	% Rec	Acceptance Limits
Phenol-d5	88	44 - 104

Client: Antea USA, Inc. Job Number: 460-72174-1

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	85	19 - 114
Nitrobenzene-d5	96	40 - 106
2-Fluorophenol	85	39 - 103
2-Fluorobiphenyl	96	49 - 112
Terphenyl-d14	111	41 - 145

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211728

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-72174-34	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-211728	Lab File ID:	L1147864.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	03/11/2014 1827			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-72174-34	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-211728	Lab File ID:	L1147865.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/11/2014 1852			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	75	72	46 - 97	4	30		
2-Chlorophenol	76	73	49 - 96	3	30		
2-Methylphenol	77	74	47 - 99	5	30		
4-Methylphenol	80	74	43 - 100	7	30		
Benzaldehyde	73	66	10 - 139	11	30		
Acetophenone	78	76	10 - 126	4	30		
Bis(2-chloroethyl)ether	82	80	45 - 92	2	30		
2,2'-oxybis[1-chloropropane]	80	77	31 - 101	4	30		
N-Nitrosodi-n-propylamine	85	81	49 - 99	4	30		
Nitrobenzene	86	84	33 - 72	2	30	F1	F1
Hexachloroethane	81	79	47 - 88	3	30		
Isophorone	82	80	51 - 100	2	30		
2-Nitrophenol	83	82	51 - 98	2	30		
2,4-Dimethylphenol	78	76	46 - 95	2	30		
2,4-Dichlorophenol	80	77	50 - 100	4	30		
Bis(2-chloroethoxy)methane	82	80	48 - 95	3	30		
Naphthalene	80	77	48 - 92	3	30		
4-Chloroaniline	36	35	10 - 86	4	30		
Hexachlorobutadiene	82	81	49 - 97	1	30		
Caprolactam	77	71	10 - 120	8	30		
4-Chloro-3-methylphenol	80	78	50 - 102	2	30		
2-Methylnaphthalene	82	77	52 - 100	6	30		
Hexachlorobenzene	88	88	50 - 104	0	30		
Hexachlorocyclopentadiene	103	104	43 - 115	2	30		
2,4,6-Trichlorophenol	83	83	49 - 96	1	30		
2,4,5-Trichlorophenol	84	84	49 - 96	0	30		
Diphenyl	83	82	10 - 134	1	30		
2-Chloronaphthalene	83	82	49 - 93	1	30		
2-Nitroaniline	85	81	35 - 92	5	30		
2,6-Dinitrotoluene	84	81	52 - 104	3	30		
Dimethyl phthalate	82	80	51 - 99	2	30		
Acenaphthylene	84	83	49 - 97	2	30		
3-Nitroaniline	57	53	19 - 90	6	30		

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211728

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-72174-34	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-211728	Lab File ID:	L1147864.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	03/11/2014 1827			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-72174-34	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-211728	Lab File ID:	L1147865.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/11/2014 1852			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	81	80	48 - 99	1	30		
4-Nitrophenol	78	75	34 - 112	4	30		
2,4-Dinitrophenol	80	79	10 - 139	1	30		
Dibenzofuran	81	80	50 - 96	2	30		
Diethyl phthalate	81	77	46 - 100	5	30		
Fluorene	80	79	50 - 95	1	30		
Fluoranthene	78	77	45 - 101	2	30		
Di-n-butyl phthalate	80	78	50 - 99	2	30		
2,4-Dinitrotoluene	84	82	49 - 102	2	30		
4-Chlorophenyl phenyl ether	82	81	49 - 95	1	30		
4-Nitroaniline	79	76	33 - 102	4	30		
4,6-Dinitro-2-methylphenol	86	86	14 - 128	0	30		
4-Bromophenyl phenyl ether	85	86	50 - 103	0	30		
Atrazine	68	68	10 - 147	0	30		
Anthracene	83	82	51 - 97	1	30		
Carbazole	82	80	50 - 102	2	30		
Phenanthrene	82	81	51 - 97	1	30		
Pentachlorophenol	84	84	37 - 99	0	30		
Pyrene	93	86	39 - 119	8	30		
Chrysene	84	82	50 - 94	2	30		
Benzo[k]fluoranthene	84	81	53 - 113	4	30		
Benzo[g,h,i]perylene	83	87	46 - 120	5	30		
Benzo[b]fluoranthene	89	85	55 - 115	4	30		
Benzo[a]pyrene	85	84	59 - 116	1	30		
Benzo[a]anthracene	80	79	51 - 97	2	30		
N-Nitrosodiphenylamine	87	88	51 - 103	1	30		
Butyl benzyl phthalate	85	83	47 - 107	2	30		
Bis(2-ethylhexyl) phthalate	79	79	47 - 102	1	30		
Di-n-octyl phthalate	86	80	43 - 120	7	30		
Indeno[1,2,3-cd]pyrene	86	90	47 - 124	5	30		
Dibenz(a,h)anthracene	86	89	48 - 115	3	30		
3,3'-Dichlorobenzidine	50	53	9 - 89	5	30		
1,2,4,5-Tetrachlorobenzene	85	85	45 - 95	1	30		

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211728

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-72174-34	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-211728	Lab File ID:	L1147864.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	03/11/2014 1827			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-72174-34	Analysis Batch:	460-211927	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-211728	Lab File ID:	L1147865.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/11/2014 1852			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 2018			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,3,4,6-Tetrachlorophenol	87	86	49 - 104	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2,4,6-Tribromophenol	103	83	19 - 114
Phenol-d5	90	74	44 - 104
2-Fluorophenol	86	72	39 - 103
Nitrobenzene-d5	95	81	40 - 106
2-Fluorobiphenyl	98	85	49 - 112
Terphenyl-d14	107	86	41 - 145

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211728

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-72174-34	Units:	ug/Kg	MSD Lab Sample ID:	460-72174-34
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/11/2014 1827			Analysis Date:	03/11/2014 1852
Prep Date:	03/10/2014 2018			Prep Date:	03/10/2014 2018
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Phenol	47	U	3530	3530	2650		2540	
2-Chlorophenol	46	U	3530	3530	2690		2590	
2-Methylphenol	60	U	3530	3530	2730		2610	
4-Methylphenol	69	U	3530	3530	2810		2620	
Benzaldehyde	41	U	7060	7070	5170		4630	
Acetophenone	54	U	3530	3530	2770		2670	
Bis(2-chloroethyl)ether	4.8	U	3530	3530	2890		2810	
2,2'-oxybis[1-chloropropane]	39	U	3530	3530	2830		2720	
N-Nitrosodi-n-propylamine	5.9	U	3530	3530	2990		2870	
Nitrobenzene	5.0	U	3530	3530	3020	F1	2970	F1
Hexachloroethane	3.9	U	3530	3530	2870		2790	
Isophorone	42	U	3530	3530	2910		2840	
2-Nitrophenol	39	U	3530	3530	2940		2880	
2,4-Dimethylphenol	86	U	3530	3530	2750		2690	
2,4-Dichlorophenol	51	U	3530	3530	2830		2720	
Bis(2-chloroethoxy)methane	45	U	3530	3530	2900		2810	
Naphthalene	41	U	3530	3530	2810		2730	
4-Chloroaniline	93	U	3530	3530	1280		1220	
Hexachlorobutadiene	8.6	U	3530	3530	2900		2880	
Caprolactam	81	U	3530	3530	2720		2520	
4-Chloro-3-methylphenol	53	U	3530	3530	2810		2740	
2-Methylnaphthalene	45	U	3530	3530	2890		2730	
Hexachlorobenzene	4.8	U	3530	3530	3110		3110	
Hexachlorocyclopentadiene	41	U	3530	3530	3620		3680	
2,4,6-Trichlorophenol	41	U	3530	3530	2940		2920	
2,4,5-Trichlorophenol	45	U	3530	3530	2960		2970	
Diphenyl	47	U	3530	3530	2930		2900	
2-Chloronaphthalene	39	U	3530	3530	2930		2910	
2-Nitroaniline	150	U	3530	3530	3020		2870	
2,6-Dinitrotoluene	11	U	3530	3530	2970		2870	
Dimethyl phthalate	42	U	3530	3530	2890		2830	
Acenaphthylene	41	U	3530	3530	2970		2920	
3-Nitroaniline	120	U	3530	3530	2000		1880	
Acenaphthene	51	U	3530	3530	2870		2830	
4-Nitrophenol	230	U	7060	7070	5530		5320	
2,4-Dinitrophenol	200	U	7060	7070	5630		5560	
Dibenzofuran	41	U	3530	3530	2870		2820	
Diethyl phthalate	42	U	3530	3530	2860		2730	
Fluorene	45	U	3530	3530	2840		2800	
Fluoranthene	47	U	3530	3530	2760		2710	
Di-n-butyl phthalate	43	U	3530	3530	2830		2770	
2,4-Dinitrotoluene	12	U	3530	3530	2960		2910	
4-Chlorophenyl phenyl ether	41	U	3530	3530	2890		2850	

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211728

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-72174-34	Units:	ug/Kg	MSD Lab Sample ID:	460-72174-34
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/11/2014 1827			Analysis Date:	03/11/2014 1852
Prep Date:	03/10/2014 2018			Prep Date:	03/10/2014 2018
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
4-Nitroaniline	110	U	3530	3530	2780	2670
4,6-Dinitro-2-methylphenol	95	U	7060	7070	6070	6060
4-Bromophenyl phenyl ether	35	U	3530	3530	3010	3020
Atrazine	54	U	3530	3530	2420	2410
Anthracene	43	U	3530	3530	2930	2900
Carbazole	41	U	3530	3530	2890	2820
Phenanthrene	45	U	3530	3530	2900	2870
Pentachlorophenol	100	U	7060	7070	5950	5930
Pyrene	29	U	3530	3530	3270	3030
Chrysene	41	U	3530	3530	2960	2900
Benzo[k]fluoranthene	2.7	U	3530	3530	2970	2850
Benzo[g,h,i]perylene	26	U	3530	3530	2940	3080
Benzo[b]fluoranthene	2.2	U	3530	3530	3130	3000
Benzo[a]pyrene	2.5	U	3530	3530	3010	2980
Benzo[a]anthracene	2.4	U	3530	3530	2830	2780
N-Nitrosodiphenylamine	35	U	3530	3530	3060	3100
Butyl benzyl phthalate	32	U	3530	3530	2990	2940
Bis(2-ethylhexyl) phthalate	120	U	3530	3530	2810	2780
Di-n-octyl phthalate	22	U	3530	3530	3040	2830
Indeno[1,2,3-cd]pyrene	6.5	U	3530	3530	3050	3190
Dibenz(a,h)anthracene	4.4	U	3530	3530	3040	3140
3,3'-Dichlorobenzidine	120	U	3530	3530	1780	1860
1,2,4,5-Tetrachlorobenzene	47	U	3530	3530	2990	3010
2,3,4,6-Tetrachlorophenol	46	U	3530	3530	3080	3050

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-211482

Method: 8082
Preparation: 3510C

Lab Sample ID:	MB 460-211482/1-A	Analysis Batch:	460-211706	Instrument ID:	CPESTGC11
Client Matrix:	Water	Prep Batch:	460-211482	Lab File ID:	T004431.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/11/2014 0332	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/09/2014 1042			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	0.076	U	0.076	0.50
Aroclor 1221	0.076	U	0.076	0.50
Aroclor 1232	0.076	U	0.076	0.50
Aroclor 1242	0.076	U	0.076	0.50
Aroclor 1248	0.076	U	0.076	0.50
Aroclor 1254	0.083	U	0.083	0.50
Aroclor 1260	0.083	U	0.083	0.50
Aroclor 1262	0.083	U	0.083	0.50
Aroclor 1268	0.083	U	0.083	0.50

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	111	10 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	109	10 - 150

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-211482

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-211482/2-A	Analysis Batch:	460-211706	Instrument ID:	CPESTGC11
Client Matrix:	Water	Prep Batch:	460-211482	Lab File ID:	T004432.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/11/2014 0351	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/09/2014 1042			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 460-211482/3-A	Analysis Batch:	460-211706	Instrument ID:	CPESTGC11
Client Matrix:	Water	Prep Batch:	460-211482	Lab File ID:	T004433.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/11/2014 0410	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/09/2014 1042			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	116	114	72 - 144	2	30		
Aroclor 1260	122	116	67 - 149	5	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	86	86	10 - 150

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-211482

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-211482/2-A	Analysis Batch:	460-211706	Instrument ID:	CPESTGC11
Client Matrix:	Water	Prep Batch:	460-211482	Lab File ID:	T004432.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/11/2014 0351	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/09/2014 1042			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

LCSD Lab Sample ID:	LCSD 460-211482/3-A	Analysis Batch:	460-211706	Instrument ID:	CPESTGC11
Client Matrix:	Water	Prep Batch:	460-211482	Lab File ID:	T004433.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/11/2014 0410	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/09/2014 1042			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	116	108	72 - 144	8	30		
Aroclor 1260	118	115	67 - 149	2	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	84	82	10 - 150

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-211482

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-211482/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-211482/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/11/2014 0351			Analysis Date:	03/11/2014 0410
Prep Date:	03/09/2014 1042			Prep Date:	03/09/2014 1042
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aroclor 1016	5.00	5.00	5.81	5.69
Aroclor 1260	5.00	5.00	6.08	5.80

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-211482

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-211482/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-211482/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/11/2014 0351			Analysis Date:	03/11/2014 0410
Prep Date:	03/09/2014 1042			Prep Date:	03/09/2014 1042
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aroclor 1016	5.00	5.00	5.81	5.38
Aroclor 1260	5.00	5.00	5.89	5.76

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-211556

Method: 8082
Preparation: 3546

Lab Sample ID:	MB 460-211556/1-A	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-211556	Lab File ID:	OR214310.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/10/2014 2348	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/10/2014 0449			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	15	U	15	67
Aroclor 1221	15	U	15	67
Aroclor 1232	15	U	15	67
Aroclor 1242	15	U	15	67
Aroclor 1248	15	U	15	67
Aroclor 1254	19	U	19	67
Aroclor 1260	19	U	19	67
Aroclor 1262	19	U	19	67
Aroclor 1268	19	U	19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	131	45 - 138

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	124	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample - Batch: 460-211556 **Method: 8082**
Preparation: 3546

Lab Sample ID:	LCS 460-211556/2-A	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-211556	Lab File ID:	OR214311.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/11/2014 0004	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/10/2014 0449			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	367	110	75 - 150	
Aroclor 1260	333	325	98	72 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	135	45 - 138

Lab Control Sample - Batch: 460-211556 **Method: 8082**
Preparation: 3546

Lab Sample ID:	LCS 460-211556/2-A	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-211556	Lab File ID:	OR214311.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/11/2014 0004	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/10/2014 0449			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	345	103	75 - 150	
Aroclor 1260	333	324	97	72 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	133	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211556

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-72174-1	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-211556	Lab File ID:	OR214312.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/11/2014 0020			Final Weight/Volume:	10 mL
Prep Date:	03/10/2014 0449			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-72174-1	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-211556	Lab File ID:	OR214313.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/11/2014 0037			Final Weight/Volume:	10 mL
Prep Date:	03/10/2014 0449			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	117	113	75 - 150	3	30		
Aroclor 1260	104	97	72 - 150	7	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	115	102	45 - 138

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211556

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-72174-1	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-211556	Lab File ID:	OR214312.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/11/2014 0020			Final Weight/Volume:	10 mL
Prep Date:	03/10/2014 0449			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-72174-1	Analysis Batch:	460-211709	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-211556	Lab File ID:	OR214313.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/11/2014 0037			Final Weight/Volume:	10 mL
Prep Date:	03/10/2014 0449			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	103	100	75 - 150	3	30		
Aroclor 1260	89	83	72 - 150	7	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	92	81	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211556

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-72174-1	Units: ug/Kg	MSD Lab Sample ID: 460-72174-1
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Analysis Date:	03/11/2014 0020		Analysis Date: 03/11/2014 0037
Prep Date:	03/10/2014 0449		Prep Date: 03/10/2014 0449
Leach Date:	N/A		Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	16	U	354	354	413	401
Aroclor 1260	20	U	354	354	369	344

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211556

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-72174-1	Units: ug/Kg	MSD Lab Sample ID: 460-72174-1
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Analysis Date:	03/11/2014 0020		Analysis Date: 03/11/2014 0037
Prep Date:	03/10/2014 0449		Prep Date: 03/10/2014 0449
Leach Date:	N/A		Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	16	U	354	354	365	355
Aroclor 1260	20	U	354	354	316	295

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-211557

Method: 8082
Preparation: 3546

Lab Sample ID:	MB 460-211557/1-A	Analysis Batch:	460-211705	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-211557	Lab File ID:	T004403.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/10/2014 1842	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/10/2014 0453			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	15	U	15	67
Aroclor 1221	15	U	15	67
Aroclor 1232	15	U	15	67
Aroclor 1242	15	U	15	67
Aroclor 1248	15	U	15	67
Aroclor 1254	19	U	19	67
Aroclor 1260	19	U	19	67
Aroclor 1262	19	U	19	67
Aroclor 1268	19	U	19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	110	45 - 138

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	109	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Control Sample - Batch: 460-211557 **Method: 8082**
Preparation: 3546

Lab Sample ID:	LCS 460-211557/2-A	Analysis Batch:	460-211705	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-211557	Lab File ID:	T004404.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/10/2014 1901	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/10/2014 0453			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	361	108	75 - 150	
Aroclor 1260	333	354	106	72 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	114	45 - 138

Lab Control Sample - Batch: 460-211557 **Method: 8082**
Preparation: 3546

Lab Sample ID:	LCS 460-211557/2-A	Analysis Batch:	460-211705	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-211557	Lab File ID:	T004404.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/10/2014 1901	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/10/2014 0453			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	343	103	75 - 150	
Aroclor 1260	333	350	105	72 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	113	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211557

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-72174-21	Analysis Batch:	460-211705	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-211557	Lab File ID:	T004405.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	03/10/2014 1920			Final Weight/Volume:	10 mL
Prep Date:	03/10/2014 0453			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-72174-21	Analysis Batch:	460-211705	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-211557	Lab File ID:	T004406.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	03/10/2014 1939			Final Weight/Volume:	10 mL
Prep Date:	03/10/2014 0453			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	128	119	75 - 150	7	30		
Aroclor 1260	98	92	72 - 150	6	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	104	100	45 - 138

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211557

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-72174-21	Analysis Batch:	460-211705	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-211557	Lab File ID:	T004405.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	03/10/2014 1920			Final Weight/Volume:	10 mL
Prep Date:	03/10/2014 0453			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-72174-21	Analysis Batch:	460-211705	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-211557	Lab File ID:	T004406.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	03/10/2014 1939			Final Weight/Volume:	10 mL
Prep Date:	03/10/2014 0453			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	124	114	75 - 150	8	30		
Aroclor 1260	97	90	72 - 150	7	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	103	100	45 - 138

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211557

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-72174-21	Units:	ug/Kg	MSD Lab Sample ID:	460-72174-21
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/10/2014 1920			Analysis Date:	03/10/2014 1939
Prep Date:	03/10/2014 0453			Prep Date:	03/10/2014 0453
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	18	U	408	409	524	487
Aroclor 1260	23	U	408	409	402	378

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211557

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-72174-21	Units:	ug/Kg	MSD Lab Sample ID:	460-72174-21
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/10/2014 1920			Analysis Date:	03/10/2014 1939
Prep Date:	03/10/2014 0453			Prep Date:	03/10/2014 0453
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	18	U	408	409	504	466
Aroclor 1260	23	U	408	409	397	370

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-211471

Method: NJ-OQA-QAM-025
Preparation: 3510C

Lab Sample ID:	MB 460-211471/1-A	Analysis Batch:	460-211769	Instrument ID:	CBNAGC2
Client Matrix:	Water	Prep Batch:	460-211471	Lab File ID:	GC2F9323.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/11/2014 0758	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	03/09/2014 1024			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	71	51 - 123
Chlorobenzene	89	42 - 93

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-211471

Method: NJ-OQA-QAM-025
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-211471/2-A	Analysis Batch:	460-211769	Instrument ID:	CBNAGC2
Client Matrix:	Water	Prep Batch:	460-211471	Lab File ID:	GC2F9324.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/11/2014 0812	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	03/09/2014 1024			Injection Volume:	1 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-211471/3-A	Analysis Batch:	460-211769	Instrument ID:	CBNAGC2
Client Matrix:	Water	Prep Batch:	460-211471	Lab File ID:	GC2F9325.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/11/2014 0825	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	03/09/2014 1024			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Petroleum Hydrocarbons (C8-C40)	102	103	56 - 111	1	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	119	117	51 - 123
Chlorobenzene	87	85	42 - 93

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-211471

Method: NJ-OQA-QAM-025
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-211471/2-A	Units:	mg/L	LCSD Lab Sample ID:	LCSD 460-211471/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/11/2014 0812			Analysis Date:	03/11/2014 0825
Prep Date:	03/09/2014 1024			Prep Date:	03/09/2014 1024
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Total Petroleum Hydrocarbons (C8-C40)	2.00	2.00	2.04	2.07

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-211687

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	MB 460-211687/1-A	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-211687	Lab File ID:	GC2F9410.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/12/2014 0928	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1438			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

Surrogate	% Rec		Acceptance Limits
o-Terphenyl	85		50 - 105
Chlorobenzene	94	X	40 - 80

Lab Control Sample - Batch: 460-211687

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	LCS 460-211687/2-A	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-211687	Lab File ID:	GC2F9411.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/12/2014 0941	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1438			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	149	112	56 - 113	

Surrogate	% Rec		Acceptance Limits
o-Terphenyl	97		50 - 105
Chlorobenzene	100	X	40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211687

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-72174-7	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-211687	Lab File ID:	GC2F9412.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 0955			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1438			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-72174-7	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-211687	Lab File ID:	GC2F9413.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1009			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1438			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Petroleum Hydrocarbons (C8-C40)	67	83	56 - 113	22	40		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	54	67	50 - 105
Chlorobenzene	60	72	40 - 80

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211687

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-72174-7	Units:	mg/Kg	MSD Lab Sample ID:	460-72174-7
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/12/2014 0955			Analysis Date:	03/12/2014 1009
Prep Date:	03/10/2014 1438			Prep Date:	03/10/2014 1438
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Total Petroleum Hydrocarbons (C8-C40)	5.7	U	143	143	95.9	119

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-211688

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	MB 460-211688/1-A	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-211688	Lab File ID:	GC2F9440.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/12/2014 1616	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1448			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

Surrogate	% Rec		Acceptance Limits
o-Terphenyl	87		50 - 105
Chlorobenzene	92	X	40 - 80

Lab Control Sample - Batch: 460-211688

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	LCS 460-211688/2-A	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-211688	Lab File ID:	GC2F9441.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/12/2014 1629	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1448			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	149	112	56 - 113	

Surrogate	% Rec		Acceptance Limits
o-Terphenyl	103		50 - 105
Chlorobenzene	104	X	40 - 80

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211688

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-72174-25	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-211688	Lab File ID:	GC2F9442.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/12/2014 1643			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1448			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-72174-25	Analysis Batch:	460-212087	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-211688	Lab File ID:	GC2F9443.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/12/2014 1657			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1448			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Petroleum Hydrocarbons (C8-C40)	38	69	56 - 113	18	40	F1	

Surrogate	MS % Rec	MSD % Rec		Acceptance Limits
o-Terphenyl	72	72		50 - 105
Chlorobenzene	78	83	X	40 - 80

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211688

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-72174-25	Units:	mg/Kg	MSD Lab Sample ID:	460-72174-25
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/12/2014 1643			Analysis Date:	03/12/2014 1657
Prep Date:	03/10/2014 1448			Prep Date:	03/10/2014 1448
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual
Total Petroleum Hydrocarbons (C8-C40)	170	145	145	228	F1	272

Client: Antea USA, Inc.

Job Number: 460-72174-1

Duplicate - Batch: 460-211661

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-72174-7	Analysis Batch:	460-211661	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/10/2014 1152	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	4.2	4.4	3	20	
Percent Solids	95.8	95.6	0.2	20	

Client: Antea USA, Inc. Job Number: 460-72174-1

Duplicate - Batch: 460-211663

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-72174-26	Analysis Batch:	460-211663	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/10/2014 1245	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	13.6	14.2	4	20	
Percent Solids	86.4	85.8	0.7	20	

Client: Antea USA, Inc. Job Number: 460-72174-1

Duplicate - Batch: 460-211665

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-72174-38	Analysis Batch:	460-211665	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/10/2014 1307	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	13.2	13.8	4	20	
Percent Solids	86.8	86.2	0.6	20	

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-211961

Method: SM 4500 Cl- B
Preparation: N/A

Lab Sample ID:	MB 460-211961/1	Analysis Batch:	460-211961	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/10/2014 1500	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride	0.84	U	0.84	5.0

LCS-Certified Reference Material - Batch: 460-211961

Method: SM 4500 Cl- B
Preparation: N/A

Lab Sample ID:	LCSSRM 460-211961/2 ^2	Analysis Batch:	460-211961	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/10/2014 1500	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	105	105.0	100	90.1 - 110.5	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211961

Method: SM 4500 Cl- B
Preparation: N/A

MS Lab Sample ID:	460-72038-A-1 MS ^10	Analysis Batch:	460-211961	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/10/2014 1500			Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

MSD Lab Sample ID:	460-72038-A-1 MSD ^10	Analysis Batch:	460-211961	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/10/2014 1500			Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride	104	106	90 - 110	1	10		

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211961

Method: SM 4500 Cl- B
Preparation: N/A

MS Lab Sample ID:	460-72038-A-1 MS ^10	Units: mg/L	MSD Lab Sample ID:	460-72038-A-1 MSD ^10	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	10		Dilution:	10	
Analysis Date:	03/10/2014 1500		Analysis Date:	03/10/2014 1500	
Prep Date:	N/A		Prep Date:	N/A	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride	119	250	250	379.9	384.9

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-212714/71	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1317	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	2.9	U	2.9	5.0

TCLP SPLPE Leachate Blank - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-212232/1-A	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	460-212232	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1317	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	03/12/2014 1900				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

TCLP SPLPE Leachate Blank - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-211953/1-A	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	460-211953	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1317	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	03/11/2014 1700				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

Client: Antea USA, Inc. Job Number: 460-72174-1

Method Blank - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-212714/91	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1331	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	2.9	U	2.9	5.0

TCLP SPLPE Leachate Blank - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-211953/1-A	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	460-211953	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1331	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	03/11/2014 1700				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

Method Blank - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-212714/111	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1346	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	2.9	U	2.9	5.0

TCLP SPLPE Leachate Blank - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-211953/1-A	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	460-211953	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1346	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	03/11/2014 1700				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

TCLP SPLPE Leachate Blank - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-211956/1-A	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	460-211956	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1346	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	03/11/2014 1700				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

Method Blank - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-212714/131	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1411	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	2.9	U	2.9	5.0

TCLP SPLPE Leachate Blank - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-211956/1-A	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	460-211956	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1411	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	03/11/2014 1700				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

Method Blank - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-212714/149	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1417	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	2.9	U	2.9	5.0

TCLP SPLPE Leachate Blank - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-211956/1-A	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	460-211956	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1420	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	03/11/2014 1700				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

LCS-Certified Reference Material - Batch: 460-212714 **Method: SM 4500 Cl- E**
Preparation: N/A

Lab Sample ID:	LCSSRM 460-212714/72	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1317	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride-ASTM Leach	75.2	74.87	99.6	90.2 - 110.0	

LCS-Certified Reference Material - Batch: 460-212714 **Method: SM 4500 Cl- E**
Preparation: N/A

Lab Sample ID:	LCSSRM 460-212714/92	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1331	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride-ASTM Leach	75.2	74.55	99.1	90.2 - 110.0	

LCS-Certified Reference Material - Batch: 460-212714 **Method: SM 4500 Cl- E**
Preparation: N/A

Lab Sample ID:	LCSSRM 460-212714/112	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1346	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride-ASTM Leach	75.2	73.87	98.2	90.2 - 110.0	

LCS-Certified Reference Material - Batch: 460-212714 **Method: SM 4500 Cl- E**
Preparation: N/A

Lab Sample ID:	LCSSRM 460-212714/132	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1411	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride-ASTM Leach	75.2	75.56	100.5	90.2 - 110.0	

Client: Antea USA, Inc.

Job Number: 460-72174-1

LCS-Certified Reference Material - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LCSSRM 460-212714/150	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1417	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride-ASTM Leach	75.2	77.32	102.8	90.2 - 110.0	

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-72180-A-29-B MS	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	460-212232	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1320			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/12/2014 1900				

MSD Lab Sample ID:	460-72180-A-29-B MSD	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	460-212232	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1320			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/12/2014 1900				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM Leach	101	103	80 - 118	1	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-72174-8	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	460-211953	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1334			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/11/2014 1700				

MSD Lab Sample ID:	460-72174-8	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	460-211953	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1334			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/11/2014 1700				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM Leach	102	103	80 - 118	1	10		

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-72174-17	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	460-211953	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1350			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/11/2014 1700				

MSD Lab Sample ID:	460-72174-17	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	460-211953	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1350			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/11/2014 1700				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM Leach	101	102	80 - 118	1	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-72174-34	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	460-211956	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1414			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/11/2014 1700				

MSD Lab Sample ID:	460-72174-34	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	460-211956	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1414			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/11/2014 1700				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM Leach	100	102	80 - 118	1	10		

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-72174-35	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	460-211956	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1441			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/11/2014 1700				

MSD Lab Sample ID:	460-72174-35	Analysis Batch:	460-212714	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL031414.xls
Dilution:	1.0	Leach Batch:	460-211956	Initial Weight/Volume:	
Analysis Date:	03/14/2014 1441			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/11/2014 1700				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM Leach	102	101	80 - 118	0	10		

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-72180-A-29-B MS	Units:	mg/Kg	MSD Lab Sample ID:	460-72180-A-29-B MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/14/2014 1320			Analysis Date:	03/14/2014 1320
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	03/12/2014 1900			Leach Date:	03/12/2014 1900

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM Leach	57.8	U	993	993	1007	1019

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-72174-8	Units:	mg/Kg	MSD Lab Sample ID:	460-72174-8
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/14/2014 1334			Analysis Date:	03/14/2014 1334
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	03/11/2014 1700			Leach Date:	03/11/2014 1700

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM Leach	57.9	U	994	994	1014	1023

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-72174-17	Units:	mg/Kg	MSD Lab Sample ID:	460-72174-17
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/14/2014 1350			Analysis Date:	03/14/2014 1350
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	03/11/2014 1700			Leach Date:	03/11/2014 1700

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM Leach	57.6	U	989	989	998.3	1010

Client: Antea USA, Inc. Job Number: 460-72174-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-72174-34	Units:	mg/Kg	MSD Lab Sample ID:	460-72174-34
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/14/2014 1414			Analysis Date:	03/14/2014 1414
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	03/11/2014 1700			Leach Date:	03/11/2014 1700

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM Leach	58.1	U	998	998	1003	1013

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-72174-35	Units:	mg/Kg	MSD Lab Sample ID:	460-72174-35
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/14/2014 1441			Analysis Date:	03/14/2014 1441
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	03/11/2014 1700			Leach Date:	03/11/2014 1700

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM Leach	57.7	U	991	991	1006	1003

DATA REPORTING QUALIFIERS

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	*	ISTD response or retention time outside acceptable limits
	F1	MS and/or MSD Recovery exceeds the control limits
	4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
	F2	MS/MSD RPD exceeds control limits
	*	Recovery or RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
	N	This flag indicates the presumptive evidence of a compound.
GC/MS Semi VOA		
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	F1	MS and/or MSD Recovery exceeds the control limits
	*	Recovery or RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
	X	Surrogate is outside control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
	A	The tentatively identified compound is a suspected aldol-condensation product.
	N	This flag indicates the presumptive evidence of a compound.

DATA REPORTING QUALIFIERS

Client: Antea USA, Inc. Job Number: 460-72174-1

Lab Section	Qualifier	Description
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F1	MS and/or MSD Recovery exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
General Chemistry		
	U	Indicates the analyte was analyzed for but not detected.

Client: Antea USA, Inc. Job Number: 460-72174-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-211405					
460-72174-11	PMP-5SW-WT	T	Solid	5035	
460-72174-11MS	Matrix Spike	T	Solid	5035	
460-72174-11MSD	Matrix Spike Duplicate	T	Solid	5035	
460-72174-12	PMP-5SW-SI	T	Solid	5035	
460-72174-17	PMP-2SW-WT	T	Solid	5035	
460-72174-20	PMP-24SW-VD	T	Solid	5035	
460-72174-22	PMP-13SW-WT	T	Solid	5035	
460-72174-24	PMP-13SW-SD	T	Solid	5035	
460-72174-26	PMP-28SW-WT	T	Solid	5035	
460-72174-26MS	Matrix Spike	T	Solid	5035	
460-72174-26MSD	Matrix Spike Duplicate	T	Solid	5035	
460-72174-29	PMP-24SW-WT	T	Solid	5035	
460-72174-30	PMP-24SW-SI	T	Solid	5035	
460-72174-32	PMP-7SW-WI	T	Solid	5035	
460-72174-33	PMP-7SW-SI	T	Solid	5035	
460-72174-35	PMP-9SW-WT	T	Solid	5035	
Prep Batch: 460-211417					
460-72174-1	PMP-14SW-VS	T	Solid	5035	
460-72174-2	PMP-23SW-VS	T	Solid	5035	
460-72174-3	PMP-23SW-VD	T	Solid	5035	
460-72174-4	PMP-23SW-WT	T	Solid	5035	
460-72174-5	PMP-8SW-VS	T	Solid	5035	
460-72174-6	PMP-4SW-VS	T	Solid	5035	
460-72174-7	PMP-4SW-VD	T	Solid	5035	
460-72174-8	PMP-22SW-VS	T	Solid	5035	
460-72174-9	PMP-22SW-VD	T	Solid	5035	
460-72174-10	PMP-22SW-WT	T	Solid	5035	
460-72174-13	PMP-6SW-VD	T	Solid	5035	
460-72174-14	PMP-6SW-WT	T	Solid	5035	
460-72174-15	PMP-6SW-SI	T	Solid	5035	
460-72174-16	PMP-2SW-VD	T	Solid	5035	
460-72174-18	PMP-2SW-SI	T	Solid	5035	
460-72174-19	PMP-24SW-VS	T	Solid	5035	
460-72174-21	PMP-10SW-SD	T	Solid	5035	
460-72174-23	PMP-13SW-SI	T	Solid	5035	
460-72174-25	PMP-28SW-VD	T	Solid	5035	
460-72174-27	PMP-28SW-SI	T	Solid	5035	
460-72174-31	PMP-7SW-VD	T	Solid	5035	
460-72174-34	PMP-9SW-VD	T	Solid	5035	
460-72174-36	PMP-9SW-SI	T	Solid	5035	
460-72174-37	PMP-10SW-WI	T	Solid	5035	
460-72174-38	PMP-10SW-SI	T	Solid	5035	

Client: Antea USA, Inc. Job Number: 460-72174-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-212103					
460-72284-A-9-A MS	Matrix Spike	T	Solid	5035	
460-72284-A-9-A MSD	Matrix Spike Duplicate	T	Solid	5035	
Analysis Batch:460-212239					
LCS 460-212239/3	Lab Control Sample	T	Solid	8260B	
MB 460-212239/6	Method Blank	T	Solid	8260B	
460-72174-11	PMP-5SW-WT	T	Solid	8260B	460-211405
460-72174-11MS	Matrix Spike	T	Solid	8260B	460-211405
460-72174-11MSD	Matrix Spike Duplicate	T	Solid	8260B	460-211405
Analysis Batch:460-212315					
LCS 460-212315/4	Lab Control Sample	T	Solid	8260B	
LCSD 460-212315/5	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-212315/7	Method Blank	T	Solid	8260B	
460-72174-12	PMP-5SW-SI	T	Solid	8260B	460-211405
460-72174-17	PMP-2SW-WT	T	Solid	8260B	460-211405
460-72174-29	PMP-24SW-WT	T	Solid	8260B	460-211405
460-72174-30	PMP-24SW-SI	T	Solid	8260B	460-211405
460-72174-32	PMP-7SW-WI	T	Solid	8260B	460-211405
460-72174-33	PMP-7SW-SI	T	Solid	8260B	460-211405
460-72174-35	PMP-9SW-WT	T	Solid	8260B	460-211405
Analysis Batch:460-212326					
LCS 460-212326/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-212326/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-212326/6	Method Blank	T	Solid	8260B	
460-72174-1	PMP-14SW-VS	T	Solid	8260B	460-211417
460-72174-4	PMP-23SW-WT	T	Solid	8260B	460-211417
460-72174-5	PMP-8SW-VS	T	Solid	8260B	460-211417
460-72174-7	PMP-4SW-VD	T	Solid	8260B	460-211417
460-72174-8	PMP-22SW-VS	T	Solid	8260B	460-211417
460-72174-9	PMP-22SW-VD	T	Solid	8260B	460-211417
460-72174-10	PMP-22SW-WT	T	Solid	8260B	460-211417
460-72174-13	PMP-6SW-VD	T	Solid	8260B	460-211417
460-72174-14	PMP-6SW-WT	T	Solid	8260B	460-211417
460-72174-18	PMP-2SW-SI	T	Solid	8260B	460-211417
460-72174-19	PMP-24SW-VS	T	Solid	8260B	460-211417
460-72174-21	PMP-10SW-SD	T	Solid	8260B	460-211417
460-72174-23	PMP-13SW-SI	T	Solid	8260B	460-211417
460-72174-25	PMP-28SW-VD	T	Solid	8260B	460-211417

Client: Antea USA, Inc. Job Number: 460-72174-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-212478					
LCS 460-212478/4	Lab Control Sample	T	Solid	8260B	
LCSD 460-212478/5	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-212478/7	Method Blank	T	Solid	8260B	
460-72174-2	PMP-23SW-VS	T	Solid	8260B	460-211417
460-72174-3	PMP-23SW-VD	T	Solid	8260B	460-211417
460-72174-6	PMP-4SW-VS	T	Solid	8260B	460-211417
460-72174-15	PMP-6SW-SI	T	Solid	8260B	460-211417
460-72174-27	PMP-28SW-SI	T	Solid	8260B	460-211417
460-72174-34	PMP-9SW-VD	T	Solid	8260B	460-211417
460-72174-37	PMP-10SW-WI	T	Solid	8260B	460-211417
460-72174-38	PMP-10SW-SI	T	Solid	8260B	460-211417
Analysis Batch:460-212509					
LCS 460-212509/3	Lab Control Sample	T	Solid	8260B	
MB 460-212509/6	Method Blank	T	Solid	8260B	
460-72174-26	PMP-28SW-WT	T	Solid	8260B	460-211405
460-72174-26MS	Matrix Spike	T	Solid	8260B	460-211405
460-72174-26MSD	Matrix Spike Duplicate	T	Solid	8260B	460-211405
Analysis Batch:460-212557					
LCS 460-212557/4	Lab Control Sample	T	Water	8260B	
MB 460-212557/7	Method Blank	T	Water	8260B	
460-72133-A-1 MS	Matrix Spike	T	Water	8260B	
460-72133-A-1 MSD	Matrix Spike Duplicate	T	Water	8260B	
460-72174-28	FB-030614	T	Water	8260B	
Analysis Batch:460-212576					
LCS 460-212576/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-212576/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-212576/6	Method Blank	T	Solid	8260B	
460-72174-31	PMP-7SW-VD	T	Solid	8260B	460-211417
460-72174-36	PMP-9SW-SI	T	Solid	8260B	460-211417
Analysis Batch:460-212770					
LCS 460-212770/3	Lab Control Sample	T	Solid	8260B	
MB 460-212770/6	Method Blank	T	Solid	8260B	
460-72174-24	PMP-13SW-SD	T	Solid	8260B	460-211405
460-72284-A-9-A MS	Matrix Spike	T	Solid	8260B	460-212103
460-72284-A-9-A MSD	Matrix Spike Duplicate	T	Solid	8260B	460-212103
Analysis Batch:460-212899					
LCS 460-212899/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-212899/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-212899/6	Method Blank	T	Solid	8260B	
460-72174-16	PMP-2SW-VD	T	Solid	8260B	460-211417

Client: Antea USA, Inc. Job Number: 460-72174-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-212905					
LCS 460-212905/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-212905/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-212905/6	Method Blank	T	Solid	8260B	
460-72174-20	PMP-24SW-VD	T	Solid	8260B	460-211405
460-72174-22	PMP-13SW-WT	T	Solid	8260B	460-211405

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-72174-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-211603					
LCS 460-211603/2-A	Lab Control Sample	T	Solid	3541	
LCS 460-211603/3-A	Lab Control Sample	T	Solid	3541	
MB 460-211603/1-A	Method Blank	T	Solid	3541	
460-72174-1	PMP-14SW-VS	T	Solid	3541	
460-72174-1MS	Matrix Spike	T	Solid	3541	
460-72174-1MSD	Matrix Spike Duplicate	T	Solid	3541	
460-72174-2	PMP-23SW-VS	T	Solid	3541	
460-72174-3	PMP-23SW-VD	T	Solid	3541	
460-72174-4	PMP-23SW-WT	T	Solid	3541	
460-72174-5	PMP-8SW-VS	T	Solid	3541	
460-72174-6	PMP-4SW-VS	T	Solid	3541	
460-72174-7	PMP-4SW-VD	T	Solid	3541	
460-72174-8	PMP-22SW-VS	T	Solid	3541	
460-72174-9	PMP-22SW-VD	T	Solid	3541	
460-72174-10	PMP-22SW-WT	T	Solid	3541	
460-72174-11	PMP-5SW-WT	T	Solid	3541	
460-72174-12	PMP-5SW-SI	T	Solid	3541	
460-72174-13	PMP-6SW-VD	T	Solid	3541	
460-72174-14	PMP-6SW-WT	T	Solid	3541	
460-72174-15	PMP-6SW-SI	T	Solid	3541	
460-72174-16	PMP-2SW-VD	T	Solid	3541	
460-72174-17	PMP-2SW-WT	T	Solid	3541	
460-72174-18	PMP-2SW-SI	T	Solid	3541	
460-72174-19	PMP-24SW-VS	T	Solid	3541	
460-72174-20DL	PMP-24SW-VD	T	Solid	3541	
Prep Batch: 460-211622					
LCS 460-211622/2-A	Lab Control Sample	T	Water	3510C	
LCS 460-211622/4-A	Lab Control Sample	T	Water	3510C	
LCSD 460-211622/3-A	Lab Control Sample Duplicate	T	Water	3510C	
LCSD 460-211622/5-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-211622/1-A	Method Blank	T	Water	3510C	
460-72174-28	FB-030614	T	Water	3510C	

Client: Antea USA, Inc. Job Number: 460-72174-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-211728					
LCS 460-211728/2-A	Lab Control Sample	T	Solid	3541	
LCS 460-211728/3-A	Lab Control Sample	T	Solid	3541	
MB 460-211728/1-A	Method Blank	T	Solid	3541	
460-72174-21	PMP-10SW-SD	T	Solid	3541	
460-72174-22	PMP-13SW-WT	T	Solid	3541	
460-72174-23	PMP-13SW-SI	T	Solid	3541	
460-72174-24	PMP-13SW-SD	T	Solid	3541	
460-72174-25	PMP-28SW-VD	T	Solid	3541	
460-72174-26	PMP-28SW-WT	T	Solid	3541	
460-72174-27	PMP-28SW-SI	T	Solid	3541	
460-72174-29DL	PMP-24SW-WT	T	Solid	3541	
460-72174-30	PMP-24SW-SI	T	Solid	3541	
460-72174-31	PMP-7SW-VD	T	Solid	3541	
460-72174-32	PMP-7SW-WI	T	Solid	3541	
460-72174-33	PMP-7SW-SI	T	Solid	3541	
460-72174-34	PMP-9SW-VD	T	Solid	3541	
460-72174-34MS	Matrix Spike	T	Solid	3541	
460-72174-34MSD	Matrix Spike Duplicate	T	Solid	3541	
460-72174-35	PMP-9SW-WT	T	Solid	3541	
460-72174-36	PMP-9SW-SI	T	Solid	3541	
460-72174-37	PMP-10SW-WI	T	Solid	3541	
460-72174-38	PMP-10SW-SI	T	Solid	3541	
Analysis Batch:460-211759					
LCS 460-211603/2-A	Lab Control Sample	T	Solid	8270C	460-211603
LCS 460-211603/3-A	Lab Control Sample	T	Solid	8270C	460-211603
460-72174-1	PMP-14SW-VS	T	Solid	8270C	460-211603
460-72174-1MS	Matrix Spike	T	Solid	8270C	460-211603
460-72174-1MSD	Matrix Spike Duplicate	T	Solid	8270C	460-211603
460-72174-3	PMP-23SW-VD	T	Solid	8270C	460-211603
460-72174-4	PMP-23SW-WT	T	Solid	8270C	460-211603
460-72174-6	PMP-4SW-VS	T	Solid	8270C	460-211603
460-72174-7	PMP-4SW-VD	T	Solid	8270C	460-211603
460-72174-8	PMP-22SW-VS	T	Solid	8270C	460-211603
460-72174-9	PMP-22SW-VD	T	Solid	8270C	460-211603
460-72174-10	PMP-22SW-WT	T	Solid	8270C	460-211603
460-72174-11	PMP-5SW-WT	T	Solid	8270C	460-211603
460-72174-12	PMP-5SW-SI	T	Solid	8270C	460-211603
460-72174-13	PMP-6SW-VD	T	Solid	8270C	460-211603
460-72174-14	PMP-6SW-WT	T	Solid	8270C	460-211603
460-72174-15	PMP-6SW-SI	T	Solid	8270C	460-211603
460-72174-16	PMP-2SW-VD	T	Solid	8270C	460-211603
460-72174-17	PMP-2SW-WT	T	Solid	8270C	460-211603
460-72174-18	PMP-2SW-SI	T	Solid	8270C	460-211603

Client: Antea USA, Inc. Job Number: 460-72174-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-211922					
MB 460-211603/1-A	Method Blank	T	Solid	8270C	460-211603
460-72174-2	PMP-23SW-VS	T	Solid	8270C	460-211603
460-72174-5	PMP-8SW-VS	T	Solid	8270C	460-211603
460-72174-19	PMP-24SW-VS	T	Solid	8270C	460-211603
460-72174-20DL	PMP-24SW-VD	T	Solid	8270C	460-211603
Analysis Batch:460-211927					
LCS 460-211728/2-A	Lab Control Sample	T	Solid	8270C	460-211728
LCS 460-211728/3-A	Lab Control Sample	T	Solid	8270C	460-211728
MB 460-211728/1-A	Method Blank	T	Solid	8270C	460-211728
460-72174-21	PMP-10SW-SD	T	Solid	8270C	460-211728
460-72174-23	PMP-13SW-SI	T	Solid	8270C	460-211728
460-72174-24	PMP-13SW-SD	T	Solid	8270C	460-211728
460-72174-25	PMP-28SW-VD	T	Solid	8270C	460-211728
460-72174-27	PMP-28SW-SI	T	Solid	8270C	460-211728
460-72174-29DL	PMP-24SW-WT	T	Solid	8270C	460-211728
460-72174-34	PMP-9SW-VD	T	Solid	8270C	460-211728
460-72174-34MS	Matrix Spike	T	Solid	8270C	460-211728
460-72174-34MSD	Matrix Spike Duplicate	T	Solid	8270C	460-211728
460-72174-38	PMP-10SW-SI	T	Solid	8270C	460-211728
Analysis Batch:460-212257					
LCS 460-211622/2-A	Lab Control Sample	T	Water	8270C	460-211622
LCS 460-211622/4-A	Lab Control Sample	T	Water	8270C	460-211622
LCSD 460-211622/3-A	Lab Control Sample Duplicate	T	Water	8270C	460-211622
LCSD 460-211622/5-A	Lab Control Sample Duplicate	T	Water	8270C	460-211622
MB 460-211622/1-A	Method Blank	T	Water	8270C	460-211622
460-72174-28	FB-030614	T	Water	8270C	460-211622
Analysis Batch:460-212260					
460-72174-22	PMP-13SW-WT	T	Solid	8270C	460-211728
460-72174-26	PMP-28SW-WT	T	Solid	8270C	460-211728
Analysis Batch:460-212527					
460-72174-31	PMP-7SW-VD	T	Solid	8270C	460-211728
460-72174-37	PMP-10SW-WI	T	Solid	8270C	460-211728
Analysis Batch:460-212566					
460-72174-30	PMP-24SW-SI	T	Solid	8270C	460-211728
460-72174-32	PMP-7SW-WI	T	Solid	8270C	460-211728
460-72174-33	PMP-7SW-SI	T	Solid	8270C	460-211728
460-72174-35	PMP-9SW-WT	T	Solid	8270C	460-211728
460-72174-36	PMP-9SW-SI	T	Solid	8270C	460-211728

Client: Antea USA, Inc. Job Number: 460-72174-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-72174-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-211471					
LCS 460-211471/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-211471/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-211471/1-A	Method Blank	T	Water	3510C	
460-72174-28	FB-030614	T	Water	3510C	
Prep Batch: 460-211482					
LCS 460-211482/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-211482/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-211482/1-A	Method Blank	T	Water	3510C	
460-72174-28	FB-030614	T	Water	3510C	
Prep Batch: 460-211556					
LCS 460-211556/2-A	Lab Control Sample	T	Solid	3546	
MB 460-211556/1-A	Method Blank	T	Solid	3546	
460-72174-1	PMP-14SW-VS	T	Solid	3546	
460-72174-1MS	Matrix Spike	T	Solid	3546	
460-72174-1MSD	Matrix Spike Duplicate	T	Solid	3546	
460-72174-2	PMP-23SW-VS	T	Solid	3546	
460-72174-3	PMP-23SW-VD	T	Solid	3546	
460-72174-4	PMP-23SW-WT	T	Solid	3546	
460-72174-5	PMP-8SW-VS	T	Solid	3546	
460-72174-6	PMP-4SW-VS	T	Solid	3546	
460-72174-7	PMP-4SW-VD	T	Solid	3546	
460-72174-8	PMP-22SW-VS	T	Solid	3546	
460-72174-9	PMP-22SW-VD	T	Solid	3546	
460-72174-10	PMP-22SW-WT	T	Solid	3546	
460-72174-11	PMP-5SW-WT	T	Solid	3546	
460-72174-12	PMP-5SW-SI	T	Solid	3546	
460-72174-13	PMP-6SW-VD	T	Solid	3546	
460-72174-14	PMP-6SW-WT	T	Solid	3546	
460-72174-15	PMP-6SW-SI	T	Solid	3546	
460-72174-16	PMP-2SW-VD	T	Solid	3546	
460-72174-17	PMP-2SW-WT	T	Solid	3546	
460-72174-18	PMP-2SW-SI	T	Solid	3546	
460-72174-19	PMP-24SW-VS	T	Solid	3546	
460-72174-20	PMP-24SW-VD	T	Solid	3546	

Client: Antea USA, Inc. Job Number: 460-72174-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-211557					
LCS 460-211557/2-A	Lab Control Sample	T	Solid	3546	
MB 460-211557/1-A	Method Blank	T	Solid	3546	
460-72174-21	PMP-10SW-SD	T	Solid	3546	
460-72174-21MS	Matrix Spike	T	Solid	3546	
460-72174-21MSD	Matrix Spike Duplicate	T	Solid	3546	
460-72174-22	PMP-13SW-WT	T	Solid	3546	
460-72174-23	PMP-13SW-SI	T	Solid	3546	
460-72174-24	PMP-13SW-SD	T	Solid	3546	
460-72174-25	PMP-28SW-VD	T	Solid	3546	
460-72174-26	PMP-28SW-WT	T	Solid	3546	
460-72174-27	PMP-28SW-SI	T	Solid	3546	
460-72174-29	PMP-24SW-WT	T	Solid	3546	
460-72174-30	PMP-24SW-SI	T	Solid	3546	
460-72174-31	PMP-7SW-VD	T	Solid	3546	
460-72174-32	PMP-7SW-WI	T	Solid	3546	
460-72174-33	PMP-7SW-SI	T	Solid	3546	
460-72174-34	PMP-9SW-VD	T	Solid	3546	
460-72174-35	PMP-9SW-WT	T	Solid	3546	
460-72174-36	PMP-9SW-SI	T	Solid	3546	
460-72174-37	PMP-10SW-WI	T	Solid	3546	
460-72174-38	PMP-10SW-SI	T	Solid	3546	

Client: Antea USA, Inc. Job Number: 460-72174-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-211687					
LCS 460-211687/2-A	Lab Control Sample	T	Solid	3546	
MB 460-211687/1-A	Method Blank	T	Solid	3546	
460-72174-1	PMP-14SW-VS	T	Solid	3546	
460-72174-2	PMP-23SW-VS	T	Solid	3546	
460-72174-3	PMP-23SW-VD	T	Solid	3546	
460-72174-4	PMP-23SW-WT	T	Solid	3546	
460-72174-5	PMP-8SW-VS	T	Solid	3546	
460-72174-6	PMP-4SW-VS	T	Solid	3546	
460-72174-7	PMP-4SW-VD	T	Solid	3546	
460-72174-7MS	Matrix Spike	T	Solid	3546	
460-72174-7MSD	Matrix Spike Duplicate	T	Solid	3546	
460-72174-8	PMP-22SW-VS	T	Solid	3546	
460-72174-9	PMP-22SW-VD	T	Solid	3546	
460-72174-10	PMP-22SW-WT	T	Solid	3546	
460-72174-11	PMP-5SW-WT	T	Solid	3546	
460-72174-12	PMP-5SW-SI	T	Solid	3546	
460-72174-13	PMP-6SW-VD	T	Solid	3546	
460-72174-14	PMP-6SW-WT	T	Solid	3546	
460-72174-15	PMP-6SW-SI	T	Solid	3546	
460-72174-16	PMP-2SW-VD	T	Solid	3546	
460-72174-17	PMP-2SW-WT	T	Solid	3546	
460-72174-18	PMP-2SW-SI	T	Solid	3546	
460-72174-19	PMP-24SW-VS	T	Solid	3546	
460-72174-20	PMP-24SW-VD	T	Solid	3546	

Client: Antea USA, Inc. Job Number: 460-72174-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-211688					
LCS 460-211688/2-A	Lab Control Sample	T	Solid	3546	
MB 460-211688/1-A	Method Blank	T	Solid	3546	
460-72174-21	PMP-10SW-SD	T	Solid	3546	
460-72174-22	PMP-13SW-WT	T	Solid	3546	
460-72174-23	PMP-13SW-SI	T	Solid	3546	
460-72174-24	PMP-13SW-SD	T	Solid	3546	
460-72174-25	PMP-28SW-VD	T	Solid	3546	
460-72174-25MS	Matrix Spike	T	Solid	3546	
460-72174-25MSD	Matrix Spike Duplicate	T	Solid	3546	
460-72174-26	PMP-28SW-WT	T	Solid	3546	
460-72174-27	PMP-28SW-SI	T	Solid	3546	
460-72174-29	PMP-24SW-WT	T	Solid	3546	
460-72174-30	PMP-24SW-SI	T	Solid	3546	
460-72174-31	PMP-7SW-VD	T	Solid	3546	
460-72174-32	PMP-7SW-WI	T	Solid	3546	
460-72174-33	PMP-7SW-SI	T	Solid	3546	
460-72174-34	PMP-9SW-VD	T	Solid	3546	
460-72174-35	PMP-9SW-WT	T	Solid	3546	
460-72174-36	PMP-9SW-SI	T	Solid	3546	
460-72174-37	PMP-10SW-WI	T	Solid	3546	
460-72174-38	PMP-10SW-SI	T	Solid	3546	
Analysis Batch:460-211705					
LCS 460-211557/2-A	Lab Control Sample	T	Solid	8082	460-211557
MB 460-211557/1-A	Method Blank	T	Solid	8082	460-211557
460-72174-21	PMP-10SW-SD	T	Solid	8082	460-211557
460-72174-21MS	Matrix Spike	T	Solid	8082	460-211557
460-72174-21MSD	Matrix Spike Duplicate	T	Solid	8082	460-211557
460-72174-23	PMP-13SW-SI	T	Solid	8082	460-211557
460-72174-24	PMP-13SW-SD	T	Solid	8082	460-211557
460-72174-25	PMP-28SW-VD	T	Solid	8082	460-211557
460-72174-27	PMP-28SW-SI	T	Solid	8082	460-211557
460-72174-34	PMP-9SW-VD	T	Solid	8082	460-211557
460-72174-36	PMP-9SW-SI	T	Solid	8082	460-211557
460-72174-38	PMP-10SW-SI	T	Solid	8082	460-211557
Analysis Batch:460-211706					
LCS 460-211482/2-A	Lab Control Sample	T	Water	8082	460-211482
LCSD 460-211482/3-A	Lab Control Sample Duplicate	T	Water	8082	460-211482
MB 460-211482/1-A	Method Blank	T	Water	8082	460-211482
460-72174-28	FB-030614	T	Water	8082	460-211482

Client: Antea USA, Inc. Job Number: 460-72174-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-211709					
LCS 460-211556/2-A	Lab Control Sample	T	Solid	8082	460-211556
MB 460-211556/1-A	Method Blank	T	Solid	8082	460-211556
460-72174-1	PMP-14SW-VS	T	Solid	8082	460-211556
460-72174-1MS	Matrix Spike	T	Solid	8082	460-211556
460-72174-1MSD	Matrix Spike Duplicate	T	Solid	8082	460-211556
460-72174-3	PMP-23SW-VD	T	Solid	8082	460-211556
460-72174-4	PMP-23SW-WT	T	Solid	8082	460-211556
460-72174-7	PMP-4SW-VD	T	Solid	8082	460-211556
460-72174-9	PMP-22SW-VD	T	Solid	8082	460-211556
460-72174-10	PMP-22SW-WT	T	Solid	8082	460-211556
460-72174-13	PMP-6SW-VD	T	Solid	8082	460-211556
460-72174-16	PMP-2SW-VD	T	Solid	8082	460-211556
460-72174-18	PMP-2SW-SI	T	Solid	8082	460-211556
Analysis Batch:460-211769					
LCS 460-211471/2-A	Lab Control Sample	T	Water	NJ-OQA-QAM-025	460-211471
LCSD 460-211471/3-A	Lab Control Sample Duplicate	T	Water	NJ-OQA-QAM-025	460-211471
MB 460-211471/1-A	Method Blank	T	Water	NJ-OQA-QAM-025	460-211471
460-72174-28	FB-030614	T	Water	NJ-OQA-QAM-025	460-211471
Analysis Batch:460-211839					
460-72174-22	PMP-13SW-WT	T	Solid	8082	460-211557
460-72174-26	PMP-28SW-WT	T	Solid	8082	460-211557
460-72174-29	PMP-24SW-WT	T	Solid	8082	460-211557
460-72174-30	PMP-24SW-SI	T	Solid	8082	460-211557
460-72174-31	PMP-7SW-VD	T	Solid	8082	460-211557
460-72174-32	PMP-7SW-WI	T	Solid	8082	460-211557
460-72174-33	PMP-7SW-SI	T	Solid	8082	460-211557
460-72174-35	PMP-9SW-WT	T	Solid	8082	460-211557
460-72174-37	PMP-10SW-WI	T	Solid	8082	460-211557

Client: Antea USA, Inc. Job Number: 460-72174-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-212087					
LCS 460-211687/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-025	460-211687
MB 460-211687/1-A	Method Blank	T	Solid	NJ-OQA-QAM-025	460-211687
LCS 460-211688/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-025	460-211688
MB 460-211688/1-A	Method Blank	T	Solid	NJ-OQA-QAM-025	460-211688
460-72174-1	PMP-14SW-VS	T	Solid	NJ-OQA-QAM-025	460-211687
460-72174-2	PMP-23SW-VS	T	Solid	NJ-OQA-QAM-025	460-211687
460-72174-3	PMP-23SW-VD	T	Solid	NJ-OQA-QAM-025	460-211687
460-72174-4	PMP-23SW-WT	T	Solid	NJ-OQA-QAM-025	460-211687
460-72174-5	PMP-8SW-VS	T	Solid	NJ-OQA-QAM-025	460-211687
460-72174-6	PMP-4SW-VS	T	Solid	NJ-OQA-QAM-025	460-211687
460-72174-7	PMP-4SW-VD	T	Solid	NJ-OQA-QAM-025	460-211687
460-72174-7MS	Matrix Spike	T	Solid	NJ-OQA-QAM-025	460-211687
460-72174-7MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-025	460-211687
460-72174-8	PMP-22SW-VS	T	Solid	NJ-OQA-QAM-025	460-211687
460-72174-9	PMP-22SW-VD	T	Solid	NJ-OQA-QAM-025	460-211687
460-72174-10	PMP-22SW-WT	T	Solid	NJ-OQA-QAM-025	460-211687
460-72174-11	PMP-5SW-WT	T	Solid	NJ-OQA-QAM-025	460-211687
460-72174-12	PMP-5SW-SI	T	Solid	NJ-OQA-QAM-025	460-211687
460-72174-13	PMP-6SW-VD	T	Solid	NJ-OQA-QAM-025	460-211687
460-72174-14	PMP-6SW-WT	T	Solid	NJ-OQA-QAM-025	460-211687
460-72174-15	PMP-6SW-SI	T	Solid	NJ-OQA-QAM-025	460-211687
460-72174-16	PMP-2SW-VD	T	Solid	NJ-OQA-QAM-025	460-211687
460-72174-17	PMP-2SW-WT	T	Solid	NJ-OQA-QAM-025	460-211687
460-72174-18	PMP-2SW-SI	T	Solid	NJ-OQA-QAM-025	460-211687
460-72174-19	PMP-24SW-VS	T	Solid	NJ-OQA-QAM-025	460-211687
460-72174-20	PMP-24SW-VD	T	Solid	NJ-OQA-QAM-025	460-211687
460-72174-21	PMP-10SW-SD	T	Solid	NJ-OQA-QAM-025	460-211688
460-72174-22	PMP-13SW-WT	T	Solid	NJ-OQA-QAM-025	460-211688
460-72174-23	PMP-13SW-SI	T	Solid	NJ-OQA-QAM-025	460-211688
460-72174-24	PMP-13SW-SD	T	Solid	NJ-OQA-QAM-025	460-211688
460-72174-25	PMP-28SW-VD	T	Solid	NJ-OQA-QAM-025	460-211688
460-72174-25MS	Matrix Spike	T	Solid	NJ-OQA-QAM-025	460-211688
460-72174-25MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-025	460-211688
460-72174-26	PMP-28SW-WT	T	Solid	NJ-OQA-QAM-025	460-211688
460-72174-27	PMP-28SW-SI	T	Solid	NJ-OQA-QAM-025	460-211688
460-72174-29	PMP-24SW-WT	T	Solid	NJ-OQA-QAM-025	460-211688
460-72174-30	PMP-24SW-SI	T	Solid	NJ-OQA-QAM-025	460-211688
460-72174-31	PMP-7SW-VD	T	Solid	NJ-OQA-QAM-025	460-211688
460-72174-32	PMP-7SW-WI	T	Solid	NJ-OQA-QAM-025	460-211688
460-72174-33	PMP-7SW-SI	T	Solid	NJ-OQA-QAM-025	460-211688
460-72174-34	PMP-9SW-VD	T	Solid	NJ-OQA-QAM-025	460-211688
460-72174-35	PMP-9SW-WT	T	Solid	NJ-OQA-QAM-025	460-211688
460-72174-36	PMP-9SW-SI	T	Solid	NJ-OQA-QAM-025	460-211688
460-72174-37	PMP-10SW-WI	T	Solid	NJ-OQA-QAM-025	460-211688
460-72174-38	PMP-10SW-SI	T	Solid	NJ-OQA-QAM-025	460-211688

Client: Antea USA, Inc. Job Number: 460-72174-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-212118					
460-72174-2	PMP-23SW-VS	T	Solid	8082	460-211556
460-72174-5	PMP-8SW-VS	T	Solid	8082	460-211556
460-72174-6	PMP-4SW-VS	T	Solid	8082	460-211556
460-72174-8	PMP-22SW-VS	T	Solid	8082	460-211556
460-72174-11	PMP-5SW-WT	T	Solid	8082	460-211556
460-72174-12	PMP-5SW-SI	T	Solid	8082	460-211556
460-72174-14	PMP-6SW-WT	T	Solid	8082	460-211556
460-72174-15	PMP-6SW-SI	T	Solid	8082	460-211556
460-72174-17	PMP-2SW-WT	T	Solid	8082	460-211556
460-72174-19	PMP-24SW-VS	T	Solid	8082	460-211556
460-72174-20	PMP-24SW-VD	T	Solid	8082	460-211556

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-72174-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-211661					
460-72174-1	PMP-14SW-VS	T	Solid	Moisture	
460-72174-2	PMP-23SW-VS	T	Solid	Moisture	
460-72174-3	PMP-23SW-VD	T	Solid	Moisture	
460-72174-4	PMP-23SW-WT	T	Solid	Moisture	
460-72174-5	PMP-8SW-VS	T	Solid	Moisture	
460-72174-6	PMP-4SW-VS	T	Solid	Moisture	
460-72174-7	PMP-4SW-VD	T	Solid	Moisture	
460-72174-7DU	Duplicate	T	Solid	Moisture	
Analysis Batch:460-211663					
460-72174-8	PMP-22SW-VS	T	Solid	Moisture	
460-72174-9	PMP-22SW-VD	T	Solid	Moisture	
460-72174-10	PMP-22SW-WT	T	Solid	Moisture	
460-72174-11	PMP-5SW-WT	T	Solid	Moisture	
460-72174-12	PMP-5SW-SI	T	Solid	Moisture	
460-72174-13	PMP-6SW-VD	T	Solid	Moisture	
460-72174-14	PMP-6SW-WT	T	Solid	Moisture	
460-72174-15	PMP-6SW-SI	T	Solid	Moisture	
460-72174-16	PMP-2SW-VD	T	Solid	Moisture	
460-72174-17	PMP-2SW-WT	T	Solid	Moisture	
460-72174-18	PMP-2SW-SI	T	Solid	Moisture	
460-72174-19	PMP-24SW-VS	T	Solid	Moisture	
460-72174-20	PMP-24SW-VD	T	Solid	Moisture	
460-72174-21	PMP-10SW-SD	T	Solid	Moisture	
460-72174-22	PMP-13SW-WT	T	Solid	Moisture	
460-72174-23	PMP-13SW-SI	T	Solid	Moisture	
460-72174-24	PMP-13SW-SD	T	Solid	Moisture	
460-72174-25	PMP-28SW-VD	T	Solid	Moisture	
460-72174-26	PMP-28SW-WT	T	Solid	Moisture	
460-72174-26DU	Duplicate	T	Solid	Moisture	
Analysis Batch:460-211665					
460-72174-27	PMP-28SW-SI	T	Solid	Moisture	
460-72174-29	PMP-24SW-WT	T	Solid	Moisture	
460-72174-30	PMP-24SW-SI	T	Solid	Moisture	
460-72174-31	PMP-7SW-VD	T	Solid	Moisture	
460-72174-32	PMP-7SW-WI	T	Solid	Moisture	
460-72174-33	PMP-7SW-SI	T	Solid	Moisture	
460-72174-34	PMP-9SW-VD	T	Solid	Moisture	
460-72174-35	PMP-9SW-WT	T	Solid	Moisture	
460-72174-36	PMP-9SW-SI	T	Solid	Moisture	
460-72174-37	PMP-10SW-WI	T	Solid	Moisture	
460-72174-38	PMP-10SW-SI	T	Solid	Moisture	
460-72174-38DU	Duplicate	T	Solid	Moisture	

Client: Antea USA, Inc. Job Number: 460-72174-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 460-211953					
LB 460-211953/1-A	TCLP SPLPE Leachate Blank	Y	Solid	D3987-85	
460-72174-1	PMP-14SW-VS	Y	Solid	D3987-85	
460-72174-2	PMP-23SW-VS	Y	Solid	D3987-85	
460-72174-3	PMP-23SW-VD	Y	Solid	D3987-85	
460-72174-4	PMP-23SW-WT	Y	Solid	D3987-85	
460-72174-5	PMP-8SW-VS	Y	Solid	D3987-85	
460-72174-6	PMP-4SW-VS	Y	Solid	D3987-85	
460-72174-7	PMP-4SW-VD	Y	Solid	D3987-85	
460-72174-8	PMP-22SW-VS	Y	Solid	D3987-85	
460-72174-8MS	Matrix Spike	Y	Solid	D3987-85	
460-72174-8MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-72174-9	PMP-22SW-VD	Y	Solid	D3987-85	
460-72174-10	PMP-22SW-WT	Y	Solid	D3987-85	
460-72174-11	PMP-5SW-WT	Y	Solid	D3987-85	
460-72174-12	PMP-5SW-SI	Y	Solid	D3987-85	
460-72174-13	PMP-6SW-VD	Y	Solid	D3987-85	
460-72174-14	PMP-6SW-WT	Y	Solid	D3987-85	
460-72174-15	PMP-6SW-SI	Y	Solid	D3987-85	
460-72174-16	PMP-2SW-VD	Y	Solid	D3987-85	
460-72174-17	PMP-2SW-WT	Y	Solid	D3987-85	
460-72174-17MS	Matrix Spike	Y	Solid	D3987-85	
460-72174-17MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-72174-18	PMP-2SW-SI	Y	Solid	D3987-85	
460-72174-19	PMP-24SW-VS	Y	Solid	D3987-85	

Client: Antea USA, Inc. Job Number: 460-72174-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 460-211956					
LB 460-211956/1-A	TCLP SPLPE Leachate Blank	Y	Solid	D3987-85	
460-72174-20	PMP-24SW-VD	Y	Solid	D3987-85	
460-72174-21	PMP-10SW-SD	Y	Solid	D3987-85	
460-72174-22	PMP-13SW-WT	Y	Solid	D3987-85	
460-72174-23	PMP-13SW-SI	Y	Solid	D3987-85	
460-72174-24	PMP-13SW-SD	Y	Solid	D3987-85	
460-72174-25	PMP-28SW-VD	Y	Solid	D3987-85	
460-72174-26	PMP-28SW-WT	Y	Solid	D3987-85	
460-72174-27	PMP-28SW-SI	Y	Solid	D3987-85	
460-72174-29	PMP-24SW-WT	Y	Solid	D3987-85	
460-72174-30	PMP-24SW-SI	Y	Solid	D3987-85	
460-72174-31	PMP-7SW-VD	Y	Solid	D3987-85	
460-72174-32	PMP-7SW-WI	Y	Solid	D3987-85	
460-72174-33	PMP-7SW-SI	Y	Solid	D3987-85	
460-72174-34	PMP-9SW-VD	Y	Solid	D3987-85	
460-72174-34MS	Matrix Spike	Y	Solid	D3987-85	
460-72174-34MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-72174-35	PMP-9SW-WT	Y	Solid	D3987-85	
460-72174-35MS	Matrix Spike	Y	Solid	D3987-85	
460-72174-35MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-72174-36	PMP-9SW-SI	Y	Solid	D3987-85	
460-72174-37	PMP-10SW-WI	Y	Solid	D3987-85	
460-72174-38	PMP-10SW-SI	Y	Solid	D3987-85	
Analysis Batch:460-211961					
LCSSRM 460-211961/2 ^2	LCS-Certified Reference Material	T	Water	SM 4500 Cl- B	
MB 460-211961/1	Method Blank	T	Water	SM 4500 Cl- B	
460-72038-A-1 MS ^10	Matrix Spike	T	Water	SM 4500 Cl- B	
460-72038-A-1 MSD ^10	Matrix Spike Duplicate	T	Water	SM 4500 Cl- B	
460-72174-28	FB-030614	T	Water	SM 4500 Cl- B	
Prep Batch: 460-212232					
LB 460-212232/1-A	TCLP SPLPE Leachate Blank	Y	Solid	D3987-85	
460-72180-A-29-B MS	Matrix Spike	Y	Solid	D3987-85	
460-72180-A-29-B MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	

Client: Antea USA, Inc. Job Number: 460-72174-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-212714					
LCSSRM 460-212714/112	LCS-Certified Reference Material	T	Solid	SM 4500 Cl- E	
LCSSRM 460-212714/132	LCS-Certified Reference Material	T	Solid	SM 4500 Cl- E	
LCSSRM 460-212714/150	LCS-Certified Reference Material	T	Solid	SM 4500 Cl- E	
LCSSRM 460-212714/72	LCS-Certified Reference Material	T	Solid	SM 4500 Cl- E	
LCSSRM 460-212714/92	LCS-Certified Reference Material	T	Solid	SM 4500 Cl- E	
MB 460-212714/111	Method Blank	T	Solid	SM 4500 Cl- E	
MB 460-212714/131	Method Blank	T	Solid	SM 4500 Cl- E	
MB 460-212714/149	Method Blank	T	Solid	SM 4500 Cl- E	
MB 460-212714/71	Method Blank	T	Solid	SM 4500 Cl- E	
MB 460-212714/91	Method Blank	T	Solid	SM 4500 Cl- E	
LB 460-211953/1-A	TCLP SPLPE Leachate Blank	Y	Solid	SM 4500 Cl- E	
LB 460-211956/1-A	TCLP SPLPE Leachate Blank	Y	Solid	SM 4500 Cl- E	
LB 460-212232/1-A	TCLP SPLPE Leachate Blank	Y	Solid	SM 4500 Cl- E	
460-72174-1	PMP-14SW-VS	Y	Solid	SM 4500 Cl- E	
460-72174-2	PMP-23SW-VS	Y	Solid	SM 4500 Cl- E	
460-72174-3	PMP-23SW-VD	Y	Solid	SM 4500 Cl- E	
460-72174-4	PMP-23SW-WT	Y	Solid	SM 4500 Cl- E	
460-72174-5	PMP-8SW-VS	Y	Solid	SM 4500 Cl- E	
460-72174-6	PMP-4SW-VS	Y	Solid	SM 4500 Cl- E	
460-72174-7	PMP-4SW-VD	Y	Solid	SM 4500 Cl- E	
460-72174-8	PMP-22SW-VS	Y	Solid	SM 4500 Cl- E	
460-72174-8MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-72174-8MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-72174-9	PMP-22SW-VD	Y	Solid	SM 4500 Cl- E	
460-72174-10	PMP-22SW-WT	Y	Solid	SM 4500 Cl- E	
460-72174-11	PMP-5SW-WT	Y	Solid	SM 4500 Cl- E	
460-72174-12	PMP-5SW-SI	Y	Solid	SM 4500 Cl- E	
460-72174-13	PMP-6SW-VD	Y	Solid	SM 4500 Cl- E	
460-72174-14	PMP-6SW-WT	Y	Solid	SM 4500 Cl- E	
460-72174-15	PMP-6SW-SI	Y	Solid	SM 4500 Cl- E	
460-72174-16	PMP-2SW-VD	Y	Solid	SM 4500 Cl- E	
460-72174-17	PMP-2SW-WT	Y	Solid	SM 4500 Cl- E	
460-72174-17MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-72174-17MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-72174-18	PMP-2SW-SI	Y	Solid	SM 4500 Cl- E	
460-72174-19	PMP-24SW-VS	Y	Solid	SM 4500 Cl- E	
460-72174-20	PMP-24SW-VD	Y	Solid	SM 4500 Cl- E	
460-72174-21	PMP-10SW-SD	Y	Solid	SM 4500 Cl- E	
460-72174-22	PMP-13SW-WT	Y	Solid	SM 4500 Cl- E	
460-72174-23	PMP-13SW-SI	Y	Solid	SM 4500 Cl- E	
460-72174-24	PMP-13SW-SD	Y	Solid	SM 4500 Cl- E	
460-72174-25	PMP-28SW-VD	Y	Solid	SM 4500 Cl- E	
460-72174-26	PMP-28SW-WT	Y	Solid	SM 4500 Cl- E	
460-72174-27	PMP-28SW-SI	Y	Solid	SM 4500 Cl- E	
460-72174-29	PMP-24SW-WT	Y	Solid	SM 4500 Cl- E	
460-72174-30	PMP-24SW-SI	Y	Solid	SM 4500 Cl- E	

Client: Antea USA, Inc.

Job Number: 460-72174-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-212714					
460-72174-31	PMP-7SW-VD	Y	Solid	SM 4500 Cl- E	
460-72174-32	PMP-7SW-WI	Y	Solid	SM 4500 Cl- E	
460-72174-33	PMP-7SW-SI	Y	Solid	SM 4500 Cl- E	
460-72174-34	PMP-9SW-VD	Y	Solid	SM 4500 Cl- E	
460-72174-34MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-72174-34MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-72174-35	PMP-9SW-WT	Y	Solid	SM 4500 Cl- E	
460-72174-35MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-72174-35MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-72174-36	PMP-9SW-SI	Y	Solid	SM 4500 Cl- E	
460-72174-37	PMP-10SW-WI	Y	Solid	SM 4500 Cl- E	
460-72174-38	PMP-10SW-SI	Y	Solid	SM 4500 Cl- E	
460-72180-A-29-B MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-72180-A-29-B MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	

Report Basis

Y = ASTM Leach

T = Total

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: 460-72174-1 **Client ID: PMP-14SW-VS**

Sample Date/Time: 03/06/2014 09:15 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-B-1-A		460-212326	460-211417	03/08/2014 15:39	1	TAL EDI	DAS
A:8260B	460-72174-B-1-A		460-212326	460-211417	03/13/2014 08:55	1	TAL EDI	MZS
P:3541	460-72174-E-1-C		460-211759	460-211603	03/10/2014 09:03	1	TAL EDI	HMP
A:8270C	460-72174-E-1-C		460-211759	460-211603	03/11/2014 11:46	1	TAL EDI	MMC
P:3546	460-72174-F-1-C		460-211709	460-211556	03/10/2014 04:49	1	TAL EDI	ARA
A:8082	460-72174-F-1-C		460-211709	460-211556	03/11/2014 00:54	1	TAL EDI	JHP
P:3546	460-72174-F-1-D		460-212087	460-211687	03/10/2014 14:38	2	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-1-D		460-212087	460-211687	03/12/2014 10:36	2	TAL EDI	DAN
A:Moisture	460-72174-F-1		460-211661		03/10/2014 11:52	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-1-B		460-212714		03/14/2014 13:17	1	TAL EDI	MCC

Lab ID: 460-72174-1 MS **Client ID: PMP-14SW-VS**

Sample Date/Time: 03/06/2014 09:15 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-72174-E-1-A MS		460-211759	460-211603	03/10/2014 09:03	1	TAL EDI	HMP
A:8270C	460-72174-E-1-A MS		460-211759	460-211603	03/11/2014 12:09	1	TAL EDI	MMC
P:3546	460-72174-F-1-A MS		460-211709	460-211556	03/10/2014 04:49	1	TAL EDI	ARA
A:8082	460-72174-F-1-A MS		460-211709	460-211556	03/11/2014 00:20	1	TAL EDI	JHP

Lab ID: 460-72174-1 MSD **Client ID: PMP-14SW-VS**

Sample Date/Time: 03/06/2014 09:15 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-72174-E-1-B MSD		460-211759	460-211603	03/10/2014 09:03	1	TAL EDI	HMP
A:8270C	460-72174-E-1-B MSD		460-211759	460-211603	03/11/2014 12:32	1	TAL EDI	MMC
P:3546	460-72174-F-1-B MSD		460-211709	460-211556	03/10/2014 04:49	1	TAL EDI	ARA
A:8082	460-72174-F-1-B MSD		460-211709	460-211556	03/11/2014 00:37	1	TAL EDI	JHP

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: 460-72174-2 **Client ID: PMP-23SW-VS**

Sample Date/Time: 03/06/2014 09:35 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-C-2-A		460-212478	460-211417	03/08/2014 15:43	1	TAL EDI	DAS
A:8260B	460-72174-C-2-A		460-212478	460-211417	03/13/2014 22:52	1	TAL EDI	MZS
P:3541	460-72174-E-2-A		460-211922	460-211603	03/10/2014 09:03	2	TAL EDI	HMP
A:8270C	460-72174-E-2-A		460-211922	460-211603	03/12/2014 03:09	2	TAL EDI	VJR
P:3546	460-72174-F-2-A		460-212118	460-211556	03/10/2014 04:49	10	TAL EDI	ARA
A:8082	460-72174-F-2-A		460-212118	460-211556	03/11/2014 16:14	10	TAL EDI	JHP
P:3546	460-72174-F-2-B		460-212087	460-211687	03/10/2014 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-2-B		460-212087	460-211687	03/12/2014 10:49	1	TAL EDI	DAN
A:Moisture	460-72174-F-2		460-211661		03/10/2014 11:52	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-2-B		460-212714		03/14/2014 13:17	1	TAL EDI	MCC

Lab ID: 460-72174-3 **Client ID: PMP-23SW-VD**

Sample Date/Time: 03/06/2014 09:40 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-C-3-A		460-212478	460-211417	03/08/2014 15:46	1	TAL EDI	DAS
A:8260B	460-72174-C-3-A		460-212478	460-211417	03/13/2014 22:06	1	TAL EDI	MZS
P:3541	460-72174-E-3-A		460-211759	460-211603	03/10/2014 09:03	1	TAL EDI	HMP
A:8270C	460-72174-E-3-A		460-211759	460-211603	03/11/2014 06:02	1	TAL EDI	MMC
P:3546	460-72174-F-3-A		460-211709	460-211556	03/10/2014 04:49	1	TAL EDI	ARA
A:8082	460-72174-F-3-A		460-211709	460-211556	03/11/2014 01:27	1	TAL EDI	JHP
P:3546	460-72174-F-3-B		460-212087	460-211687	03/10/2014 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-3-B		460-212087	460-211687	03/12/2014 11:03	1	TAL EDI	DAN
A:Moisture	460-72174-F-3		460-211661		03/10/2014 11:52	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-3-B		460-212714		03/14/2014 13:17	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: 460-72174-4 **Client ID: PMP-23SW-WT**

Sample Date/Time: 03/06/2014 09:45 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-B-4-A		460-212326	460-211417	03/08/2014 15:47	1	TAL EDI	DAS
A:8260B	460-72174-B-4-A		460-212326	460-211417	03/13/2014 10:03	1	TAL EDI	MZS
P:3541	460-72174-E-4-A		460-211759	460-211603	03/10/2014 09:03	1	TAL EDI	HMP
A:8270C	460-72174-E-4-A		460-211759	460-211603	03/11/2014 06:24	1	TAL EDI	MMC
P:3546	460-72174-F-4-A		460-211709	460-211556	03/10/2014 04:49	1	TAL EDI	ARA
A:8082	460-72174-F-4-A		460-211709	460-211556	03/11/2014 01:44	1	TAL EDI	JHP
P:3546	460-72174-F-4-B		460-212087	460-211687	03/10/2014 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-4-B		460-212087	460-211687	03/12/2014 11:17	1	TAL EDI	DAN
A:Moisture	460-72174-F-4		460-211661		03/10/2014 11:52	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-4-B		460-212714		03/14/2014 13:17	1	TAL EDI	MCC

Lab ID: 460-72174-5 **Client ID: PMP-8SW-VS**

Sample Date/Time: 03/06/2014 10:00 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-B-5-A		460-212326	460-211417	03/08/2014 15:49	1	TAL EDI	DAS
A:8260B	460-72174-B-5-A		460-212326	460-211417	03/13/2014 10:26	1	TAL EDI	MZS
P:3541	460-72174-E-5-A		460-211922	460-211603	03/10/2014 09:03	2	TAL EDI	HMP
A:8270C	460-72174-E-5-A		460-211922	460-211603	03/12/2014 02:46	2	TAL EDI	VJR
P:3546	460-72174-F-5-A		460-212118	460-211556	03/10/2014 04:49	5	TAL EDI	ARA
A:8082	460-72174-F-5-A		460-212118	460-211556	03/11/2014 16:31	5	TAL EDI	JHP
P:3546	460-72174-F-5-B		460-212087	460-211687	03/10/2014 14:38	5	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-5-B		460-212087	460-211687	03/12/2014 11:30	5	TAL EDI	DAN
A:Moisture	460-72174-F-5		460-211661		03/10/2014 11:52	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-5-B		460-212714		03/14/2014 13:17	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: 460-72174-6 **Client ID:** PMP-4SW-VS

Sample Date/Time: 03/06/2014 10:05 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-C-6-A		460-212478	460-211417	03/08/2014 15:53	1	TAL EDI	DAS
A:8260B	460-72174-C-6-A		460-212478	460-211417	03/13/2014 23:38	1	TAL EDI	MZS
P:3541	460-72174-E-6-A		460-211759	460-211603	03/10/2014 09:03	1	TAL EDI	HMP
A:8270C	460-72174-E-6-A		460-211759	460-211603	03/11/2014 13:17	1	TAL EDI	MMC
P:3546	460-72174-F-6-A		460-212118	460-211556	03/10/2014 04:49	10	TAL EDI	ARA
A:8082	460-72174-F-6-A		460-212118	460-211556	03/11/2014 16:47	10	TAL EDI	JHP
P:3546	460-72174-F-6-B		460-212087	460-211687	03/10/2014 14:38	10	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-6-B		460-212087	460-211687	03/12/2014 12:11	10	TAL EDI	DAN
A:Moisture	460-72174-F-6		460-211661		03/10/2014 11:52	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-6-B		460-212714		03/14/2014 13:20	1	TAL EDI	MCC

Lab ID: 460-72174-7 **Client ID:** PMP-4SW-VD

Sample Date/Time: 03/06/2014 10:10 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-B-7-A		460-212326	460-211417	03/08/2014 15:54	1	TAL EDI	DAS
A:8260B	460-72174-B-7-A		460-212326	460-211417	03/13/2014 11:12	1	TAL EDI	MZS
P:3541	460-72174-E-7-A		460-211759	460-211603	03/10/2014 09:03	1	TAL EDI	HMP
A:8270C	460-72174-E-7-A		460-211759	460-211603	03/11/2014 06:47	1	TAL EDI	MMC
P:3546	460-72174-F-7-A		460-211709	460-211556	03/10/2014 04:49	1	TAL EDI	ARA
A:8082	460-72174-F-7-A		460-211709	460-211556	03/11/2014 02:33	1	TAL EDI	JHP
P:3546	460-72174-F-7-D		460-212087	460-211687	03/10/2014 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-7-D		460-212087	460-211687	03/12/2014 10:22	1	TAL EDI	DAN
A:Moisture	460-72174-F-7		460-211661		03/10/2014 11:52	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-7-B		460-212714		03/14/2014 13:20	1	TAL EDI	MCC

Lab ID: 460-72174-7 MS **Client ID:** PMP-4SW-VD

Sample Date/Time: 03/06/2014 10:10 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-72174-F-7-B MS		460-212087	460-211687	03/10/2014 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-7-B MS		460-212087	460-211687	03/12/2014 09:55	1	TAL EDI	DAN

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: 460-72174-7 MSD **Client ID: PMP-4SW-VD**

Sample Date/Time: 03/06/2014 10:10 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-72174-F-7-C MSD		460-212087	460-211687	03/10/2014 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-7-C MSD		460-212087	460-211687	03/12/2014 10:09	1	TAL EDI	DAN

Lab ID: 460-72174-7 DU **Client ID: PMP-4SW-VD**

Sample Date/Time: 03/06/2014 10:10 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-72174-F-7 DU		460-211661		03/10/2014 11:52	1	TAL EDI	ITR

Lab ID: 460-72174-8 **Client ID: PMP-22SW-VS**

Sample Date/Time: 03/06/2014 10:20 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-B-8-A		460-212326	460-211417	03/08/2014 15:57	1	TAL EDI	DAS
A:8260B	460-72174-B-8-A		460-212326	460-211417	03/13/2014 11:35	1	TAL EDI	MZS
P:3541	460-72174-E-8-A		460-211759	460-211603	03/10/2014 09:03	1	TAL EDI	HMP
A:8270C	460-72174-E-8-A		460-211759	460-211603	03/11/2014 13:40	1	TAL EDI	MMC
P:3546	460-72174-F-8-A		460-212118	460-211556	03/10/2014 04:49	2	TAL EDI	ARA
A:8082	460-72174-F-8-A		460-212118	460-211556	03/11/2014 17:03	2	TAL EDI	JHP
P:3546	460-72174-F-8-B		460-212087	460-211687	03/10/2014 14:38	5	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-8-B		460-212087	460-211687	03/12/2014 12:25	5	TAL EDI	DAN
A:Moisture	460-72174-F-8		460-211663		03/10/2014 12:45	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-8-B		460-212714		03/14/2014 13:31	1	TAL EDI	MCC

Lab ID: 460-72174-8 MS **Client ID: PMP-22SW-VS**

Sample Date/Time: 03/06/2014 10:20 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-72174-A-8-B MS		460-212714		03/14/2014 13:34	1	TAL EDI	MCC

Lab ID: 460-72174-8 MSD **Client ID: PMP-22SW-VS**

Sample Date/Time: 03/06/2014 10:20 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-72174-A-8-B MSD		460-212714		03/14/2014 13:34	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: 460-72174-9 **Client ID: PMP-22SW-VD**

Sample Date/Time: 03/06/2014 10:25 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-B-9-A		460-212326	460-211417	03/08/2014 15:59	1	TAL EDI	DAS
A:8260B	460-72174-B-9-A		460-212326	460-211417	03/13/2014 11:58	1	TAL EDI	MZS
P:3541	460-72174-E-9-A		460-211759	460-211603	03/10/2014 09:03	1	TAL EDI	HMP
A:8270C	460-72174-E-9-A		460-211759	460-211603	03/11/2014 07:09	1	TAL EDI	MMC
P:3546	460-72174-F-9-A		460-211709	460-211556	03/10/2014 04:49	1	TAL EDI	ARA
A:8082	460-72174-F-9-A		460-211709	460-211556	03/11/2014 03:06	1	TAL EDI	JHP
P:3546	460-72174-F-9-B		460-212087	460-211687	03/10/2014 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-9-B		460-212087	460-211687	03/12/2014 12:38	1	TAL EDI	DAN
A:Moisture	460-72174-F-9		460-211663		03/10/2014 12:45	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-9-B		460-212714		03/14/2014 13:31	1	TAL EDI	MCC

Lab ID: 460-72174-10 **Client ID: PMP-22SW-WT**

Sample Date/Time: 03/06/2014 10:30 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-B-10-A		460-212326	460-211417	03/08/2014 16:02	1	TAL EDI	DAS
A:8260B	460-72174-B-10-A		460-212326	460-211417	03/13/2014 12:20	1	TAL EDI	MZS
P:3541	460-72174-E-10-A		460-211759	460-211603	03/10/2014 09:03	1	TAL EDI	HMP
A:8270C	460-72174-E-10-A		460-211759	460-211603	03/11/2014 07:32	1	TAL EDI	MMC
P:3546	460-72174-F-10-A		460-211709	460-211556	03/10/2014 04:49	1	TAL EDI	ARA
A:8082	460-72174-F-10-A		460-211709	460-211556	03/11/2014 03:22	1	TAL EDI	JHP
P:3546	460-72174-F-10-B		460-212087	460-211687	03/10/2014 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-10-B		460-212087	460-211687	03/12/2014 12:52	1	TAL EDI	DAN
A:Moisture	460-72174-F-10		460-211663		03/10/2014 12:45	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-10-B		460-212714		03/14/2014 13:31	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: 460-72174-11 **Client ID: PMP-5SW-WT**

Sample Date/Time: 03/06/2014 10:55 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-A-11-A		460-212239	460-211405	03/08/2014 13:23	50	TAL EDI	DAS
A:8260B	460-72174-A-11-A		460-212239	460-211405	03/13/2014 03:21	50	TAL EDI	FAM
P:3541	460-72174-E-11-A		460-211759	460-211603	03/10/2014 09:03	1	TAL EDI	HMP
A:8270C	460-72174-E-11-A		460-211759	460-211603	03/11/2014 12:54	1	TAL EDI	MMC
P:3546	460-72174-F-11-A		460-212118	460-211556	03/10/2014 04:49	50	TAL EDI	ARA
A:8082	460-72174-F-11-A		460-212118	460-211556	03/11/2014 17:20	50	TAL EDI	JHP
P:3546	460-72174-F-11-B		460-212087	460-211687	03/10/2014 14:38	10	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-11-B		460-212087	460-211687	03/12/2014 13:05	10	TAL EDI	DAN
A:Moisture	460-72174-F-11		460-211663		03/10/2014 12:45	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-11-B		460-212714		03/14/2014 13:31	1	TAL EDI	MCC

Lab ID: 460-72174-11 MS **Client ID: PMP-5SW-WT**

Sample Date/Time: 03/06/2014 10:55 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-A-11-A MS		460-212239	460-211405	03/08/2014 13:23	100	TAL EDI	DAS
A:8260B	460-72174-A-11-A MS		460-212239	460-211405	03/13/2014 01:17	100	TAL EDI	FAM

Lab ID: 460-72174-11 MSD **Client ID: PMP-5SW-WT**

Sample Date/Time: 03/06/2014 10:55 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-A-11-A MSD		460-212239	460-211405	03/08/2014 13:23	100	TAL EDI	DAS
A:8260B	460-72174-A-11-A MSD		460-212239	460-211405	03/13/2014 01:42	100	TAL EDI	FAM

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: 460-72174-12 **Client ID: PMP-5SW-SI**

Sample Date/Time: 03/06/2014 11:00 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-A-12-A		460-212315	460-211405	03/08/2014 13:24	50	TAL EDI	DAS
A:8260B	460-72174-A-12-A		460-212315	460-211405	03/13/2014 17:03	50	TAL EDI	FAM
P:3541	460-72174-E-12-A		460-211759	460-211603	03/10/2014 09:03	1	TAL EDI	HMP
A:8270C	460-72174-E-12-A		460-211759	460-211603	03/11/2014 09:08	1	TAL EDI	MMC
P:3546	460-72174-F-12-A		460-212118	460-211556	03/10/2014 04:49	20	TAL EDI	ARA
A:8082	460-72174-F-12-A		460-212118	460-211556	03/11/2014 17:36	20	TAL EDI	JHP
P:3546	460-72174-F-12-B		460-212087	460-211687	03/10/2014 14:38	20	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-12-B		460-212087	460-211687	03/12/2014 13:19	20	TAL EDI	DAN
A:Moisture	460-72174-F-12		460-211663		03/10/2014 12:45	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-12-B		460-212714		03/14/2014 13:31	1	TAL EDI	MCC

Lab ID: 460-72174-13 **Client ID: PMP-6SW-VD**

Sample Date/Time: 03/06/2014 11:20 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-B-13-A		460-212326	460-211417	03/08/2014 16:09	1	TAL EDI	DAS
A:8260B	460-72174-B-13-A		460-212326	460-211417	03/13/2014 12:42	1	TAL EDI	MZS
P:3541	460-72174-E-13-A		460-211759	460-211603	03/10/2014 09:03	1	TAL EDI	HMP
A:8270C	460-72174-E-13-A		460-211759	460-211603	03/11/2014 09:31	1	TAL EDI	MMC
P:3546	460-72174-F-13-A		460-211709	460-211556	03/10/2014 04:49	1	TAL EDI	ARA
A:8082	460-72174-F-13-A		460-211709	460-211556	03/11/2014 04:11	1	TAL EDI	JHP
P:3546	460-72174-F-13-B		460-212087	460-211687	03/10/2014 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-13-B		460-212087	460-211687	03/12/2014 13:33	1	TAL EDI	DAN
A:Moisture	460-72174-F-13		460-211663		03/10/2014 12:45	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-13-B		460-212714		03/14/2014 13:31	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: 460-72174-14 **Client ID: PMP-6SW-WT**

Sample Date/Time: 03/06/2014 11:25 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-B-14-A		460-212326	460-211417	03/08/2014 16:12	1	TAL EDI	DAS
A:8260B	460-72174-B-14-A		460-212326	460-211417	03/13/2014 13:05	1	TAL EDI	MZS
P:3541	460-72174-E-14-A		460-211759	460-211603	03/10/2014 09:03	1	TAL EDI	HMP
A:8270C	460-72174-E-14-A		460-211759	460-211603	03/11/2014 09:53	1	TAL EDI	MMC
P:3546	460-72174-F-14-A		460-212118	460-211556	03/10/2014 04:49	25	TAL EDI	ARA
A:8082	460-72174-F-14-A		460-212118	460-211556	03/11/2014 17:53	25	TAL EDI	JHP
P:3546	460-72174-F-14-B		460-212087	460-211687	03/10/2014 14:38	5	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-14-B		460-212087	460-211687	03/12/2014 13:46	5	TAL EDI	DAN
A:Moisture	460-72174-F-14		460-211663		03/10/2014 12:45	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-14-B		460-212714		03/14/2014 13:31	1	TAL EDI	MCC

Lab ID: 460-72174-15 **Client ID: PMP-6SW-SI**

Sample Date/Time: 03/06/2014 11:30 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-B-15-A		460-212478	460-211417	03/08/2014 16:14	1	TAL EDI	DAS
A:8260B	460-72174-B-15-A		460-212478	460-211417	03/14/2014 03:49	1	TAL EDI	MZS
P:3541	460-72174-E-15-A		460-211759	460-211603	03/10/2014 09:03	1	TAL EDI	HMP
A:8270C	460-72174-E-15-A		460-211759	460-211603	03/11/2014 10:16	1	TAL EDI	MMC
P:3546	460-72174-F-15-A		460-212118	460-211556	03/10/2014 04:49	10	TAL EDI	ARA
A:8082	460-72174-F-15-A		460-212118	460-211556	03/11/2014 18:09	10	TAL EDI	JHP
P:3546	460-72174-F-15-B		460-212087	460-211687	03/10/2014 14:38	5	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-15-B		460-212087	460-211687	03/12/2014 14:00	5	TAL EDI	DAN
A:Moisture	460-72174-F-15		460-211663		03/10/2014 12:45	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-15-B		460-212714		03/14/2014 13:34	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: 460-72174-16 **Client ID: PMP-2SW-VD**

Sample Date/Time: 03/06/2014 11:45 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-C-16-A		460-212899	460-211417	03/08/2014 16:18	1	TAL EDI	DAS
A:8260B	460-72174-C-16-A		460-212899	460-211417	03/16/2014 11:10	1	TAL EDI	AAT
P:3541	460-72174-E-16-A		460-211759	460-211603	03/10/2014 09:03	1	TAL EDI	HMP
A:8270C	460-72174-E-16-A		460-211759	460-211603	03/11/2014 10:39	1	TAL EDI	MMC
P:3546	460-72174-F-16-A		460-211709	460-211556	03/10/2014 04:49	1	TAL EDI	ARA
A:8082	460-72174-F-16-A		460-211709	460-211556	03/11/2014 05:01	1	TAL EDI	JHP
P:3546	460-72174-F-16-B		460-212087	460-211687	03/10/2014 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-16-B		460-212087	460-211687	03/12/2014 14:41	1	TAL EDI	DAN
A:Moisture	460-72174-F-16		460-211663		03/10/2014 12:45	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-16-B		460-212714		03/14/2014 13:34	1	TAL EDI	MCC

Lab ID: 460-72174-17 **Client ID: PMP-2SW-WT**

Sample Date/Time: 03/06/2014 11:50 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-A-17-A		460-212315	460-211405	03/08/2014 13:29	50	TAL EDI	DAS
A:8260B	460-72174-A-17-A		460-212315	460-211405	03/13/2014 16:39	50	TAL EDI	FAM
P:3541	460-72174-E-17-A		460-211759	460-211603	03/10/2014 09:03	1	TAL EDI	HMP
A:8270C	460-72174-E-17-A		460-211759	460-211603	03/11/2014 11:01	1	TAL EDI	MMC
P:3546	460-72174-F-17-A		460-212118	460-211556	03/10/2014 04:49	25	TAL EDI	ARA
A:8082	460-72174-F-17-A		460-212118	460-211556	03/11/2014 18:26	25	TAL EDI	JHP
P:3546	460-72174-F-17-B		460-212087	460-211687	03/10/2014 14:38	5	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-17-B		460-212087	460-211687	03/12/2014 14:54	5	TAL EDI	DAN
A:Moisture	460-72174-F-17		460-211663		03/10/2014 12:45	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-17-B		460-212714		03/14/2014 13:46	1	TAL EDI	MCC

Lab ID: 460-72174-17 MS **Client ID: PMP-2SW-WT**

Sample Date/Time: 03/06/2014 11:50 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-72174-A-17-B MS		460-212714		03/14/2014 13:50	1	TAL EDI	MCC

Lab ID: 460-72174-17 MSD **Client ID: PMP-2SW-WT**

Sample Date/Time: 03/06/2014 11:50 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-72174-A-17-B MSD		460-212714		03/14/2014 13:50	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: 460-72174-18 **Client ID: PMP-2SW-SI**

Sample Date/Time: 03/06/2014 11:55 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-B-18-A		460-212326	460-211417	03/08/2014 16:21	1	TAL EDI	DAS
A:8260B	460-72174-B-18-A		460-212326	460-211417	03/13/2014 13:51	1	TAL EDI	MZS
P:3541	460-72174-E-18-A		460-211759	460-211603	03/10/2014 09:03	1	TAL EDI	HMP
A:8270C	460-72174-E-18-A		460-211759	460-211603	03/11/2014 11:24	1	TAL EDI	MMC
P:3546	460-72174-F-18-A		460-211709	460-211556	03/10/2014 04:49	1	TAL EDI	ARA
A:8082	460-72174-F-18-A		460-211709	460-211556	03/11/2014 05:34	1	TAL EDI	JHP
P:3546	460-72174-F-18-B		460-212087	460-211687	03/10/2014 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-18-B		460-212087	460-211687	03/12/2014 15:08	1	TAL EDI	DAN
A:Moisture	460-72174-F-18		460-211663		03/10/2014 12:45	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-18-B		460-212714		03/14/2014 13:46	1	TAL EDI	MCC

Lab ID: 460-72174-19 **Client ID: PMP-24SW-VS**

Sample Date/Time: 03/06/2014 12:25 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-B-19-A		460-212326	460-211417	03/08/2014 16:24	1	TAL EDI	DAS
A:8260B	460-72174-B-19-A		460-212326	460-211417	03/13/2014 14:14	1	TAL EDI	MZS
P:3541	460-72174-E-19-A		460-211922	460-211603	03/10/2014 09:03	1	TAL EDI	HMP
A:8270C	460-72174-E-19-A		460-211922	460-211603	03/12/2014 02:24	1	TAL EDI	VJR
P:3546	460-72174-F-19-A		460-212118	460-211556	03/10/2014 04:49	50	TAL EDI	ARA
A:8082	460-72174-F-19-A		460-212118	460-211556	03/11/2014 18:42	50	TAL EDI	JHP
P:3546	460-72174-F-19-B		460-212087	460-211687	03/10/2014 14:38	10	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-19-B		460-212087	460-211687	03/12/2014 15:21	10	TAL EDI	DAN
A:Moisture	460-72174-F-19		460-211663		03/10/2014 12:45	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-19-B		460-212714		03/14/2014 13:46	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: 460-72174-20 **Client ID: PMP-24SW-VD**

Sample Date/Time: 03/06/2014 12:30 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-A-20-A		460-212905	460-211405	03/08/2014 13:31	1000	TAL EDI	DAS
A:8260B	460-72174-A-20-A		460-212905	460-211405	03/16/2014 17:15	1000	TAL EDI	FAM
P:3541	460-72174-E-20-A	DL	460-211922	460-211603	03/10/2014 09:03	20	TAL EDI	HMP
A:8270C	460-72174-E-20-A	DL	460-211922	460-211603	03/12/2014 01:16	20	TAL EDI	VJR
P:3546	460-72174-F-20-A		460-212118	460-211556	03/10/2014 04:49	1000	TAL EDI	ARA
A:8082	460-72174-F-20-A		460-212118	460-211556	03/11/2014 18:59	1000	TAL EDI	JHP
P:3546	460-72174-F-20-B		460-212087	460-211687	03/10/2014 14:38	20	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-20-B		460-212087	460-211687	03/12/2014 15:35	20	TAL EDI	DAN
A:Moisture	460-72174-F-20		460-211663		03/10/2014 12:45	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-20-B		460-212714		03/14/2014 13:46	1	TAL EDI	MCC

Lab ID: 460-72174-21 **Client ID: PMP-10SW-SD**

Sample Date/Time: 03/06/2014 15:30 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-B-21-A		460-212326	460-211417	03/08/2014 16:29	1	TAL EDI	DAS
A:8260B	460-72174-B-21-A		460-212326	460-211417	03/13/2014 14:37	1	TAL EDI	MZS
P:3541	460-72174-F-21-E		460-211927	460-211728	03/10/2014 20:18	1	TAL EDI	VNP
A:8270C	460-72174-F-21-E		460-211927	460-211728	03/11/2014 19:41	1	TAL EDI	MMC
P:3546	460-72174-F-21-C		460-211705	460-211557	03/10/2014 04:53	1	TAL EDI	ARA
A:8082	460-72174-F-21-C		460-211705	460-211557	03/10/2014 20:55	1	TAL EDI	JHP
P:3546	460-72174-F-21-D		460-212087	460-211688	03/10/2014 14:48	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-21-D		460-212087	460-211688	03/12/2014 17:24	1	TAL EDI	DAN
A:Moisture	460-72174-F-21		460-211663		03/10/2014 12:45	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-21-B		460-212714		03/14/2014 13:46	1	TAL EDI	MCC

Lab ID: 460-72174-21 MS **Client ID: PMP-10SW-SD**

Sample Date/Time: 03/06/2014 15:30 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-72174-F-21-A MS		460-211705	460-211557	03/10/2014 04:53	1	TAL EDI	ARA
A:8082	460-72174-F-21-A MS		460-211705	460-211557	03/10/2014 19:20	1	TAL EDI	JHP

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: 460-72174-21 MSD **Client ID:** PMP-10SW-SD

Sample Date/Time: 03/06/2014 15:30 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-72174-F-21-B MSD		460-211705	460-211557	03/10/2014 04:53	1	TAL EDI	ARA
A:8082	460-72174-F-21-B MSD		460-211705	460-211557	03/10/2014 19:39	1	TAL EDI	JHP

Lab ID: 460-72174-22 **Client ID:** PMP-13SW-WT

Sample Date/Time: 03/06/2014 16:15 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-A-22-A		460-212905	460-211405	03/08/2014 13:33	50	TAL EDI	DAS
A:8260B	460-72174-A-22-A		460-212905	460-211405	03/16/2014 18:05	50	TAL EDI	FAM
P:3541	460-72174-F-22-C		460-212260	460-211728	03/10/2014 20:18	5	TAL EDI	VNP
A:8270C	460-72174-F-22-C		460-212260	460-211728	03/13/2014 08:22	5	TAL EDI	VJR
P:3546	460-72174-F-22-A		460-211839	460-211557	03/10/2014 04:53	100	TAL EDI	ARA
A:8082	460-72174-F-22-A		460-211839	460-211557	03/11/2014 10:59	100	TAL EDI	JHP
P:3546	460-72174-F-22-B		460-212087	460-211688	03/10/2014 14:48	50	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-22-B		460-212087	460-211688	03/12/2014 17:37	50	TAL EDI	DAN
A:Moisture	460-72174-F-22		460-211663		03/10/2014 12:45	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-22-B		460-212714		03/14/2014 13:47	1	TAL EDI	MCC

Lab ID: 460-72174-23 **Client ID:** PMP-13SW-SI

Sample Date/Time: 03/06/2014 16:20 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-B-23-A		460-212326	460-211417	03/08/2014 16:34	1	TAL EDI	DAS
A:8260B	460-72174-B-23-A		460-212326	460-211417	03/13/2014 15:00	1	TAL EDI	MZS
P:3541	460-72174-F-23-C		460-211927	460-211728	03/10/2014 20:18	1	TAL EDI	VNP
A:8270C	460-72174-F-23-C		460-211927	460-211728	03/11/2014 20:06	1	TAL EDI	MMC
P:3546	460-72174-F-23-A		460-211705	460-211557	03/10/2014 04:53	1	TAL EDI	ARA
A:8082	460-72174-F-23-A		460-211705	460-211557	03/10/2014 21:33	1	TAL EDI	JHP
P:3546	460-72174-F-23-B		460-212087	460-211688	03/10/2014 14:48	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-23-B		460-212087	460-211688	03/12/2014 17:51	1	TAL EDI	DAN
A:Moisture	460-72174-F-23		460-211663		03/10/2014 12:45	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-23-B		460-212714		03/14/2014 13:50	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: 460-72174-24 **Client ID: PMP-13SW-SD**

Sample Date/Time: 03/06/2014 16:25 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-A-24-A		460-212770	460-211405	03/08/2014 13:35	50	TAL EDI	DAS
A:8260B	460-72174-A-24-A		460-212770	460-211405	03/15/2014 09:32	50	TAL EDI	KLB
P:3541	460-72174-F-24-C		460-211927	460-211728	03/10/2014 20:18	1	TAL EDI	VNP
A:8270C	460-72174-F-24-C		460-211927	460-211728	03/11/2014 21:20	1	TAL EDI	MMC
P:3546	460-72174-F-24-A		460-211705	460-211557	03/10/2014 04:53	1	TAL EDI	ARA
A:8082	460-72174-F-24-A		460-211705	460-211557	03/10/2014 21:51	1	TAL EDI	JHP
P:3546	460-72174-F-24-B		460-212087	460-211688	03/10/2014 14:48	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-24-B		460-212087	460-211688	03/12/2014 18:05	1	TAL EDI	DAN
A:Moisture	460-72174-F-24		460-211663		03/10/2014 12:45	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-24-B		460-212714		03/14/2014 13:50	1	TAL EDI	MCC

Lab ID: 460-72174-25 **Client ID: PMP-28SW-VD**

Sample Date/Time: 03/06/2014 16:45 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-B-25-A		460-212326	460-211417	03/08/2014 16:39	1	TAL EDI	DAS
A:8260B	460-72174-B-25-A		460-212326	460-211417	03/13/2014 15:23	1	TAL EDI	MZS
P:3541	460-72174-F-25-E		460-211927	460-211728	03/10/2014 20:18	1	TAL EDI	VNP
A:8270C	460-72174-F-25-E		460-211927	460-211728	03/11/2014 21:44	1	TAL EDI	MMC
P:3546	460-72174-F-25-A		460-211705	460-211557	03/10/2014 04:53	1	TAL EDI	ARA
A:8082	460-72174-F-25-A		460-211705	460-211557	03/10/2014 22:10	1	TAL EDI	JHP
P:3546	460-72174-F-25-D		460-212087	460-211688	03/10/2014 14:48	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-25-D		460-212087	460-211688	03/12/2014 17:10	1	TAL EDI	DAN
A:Moisture	460-72174-F-25		460-211663		03/10/2014 12:45	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-25-B		460-212714		03/14/2014 14:11	1	TAL EDI	MCC

Lab ID: 460-72174-25 MS **Client ID: PMP-28SW-VD**

Sample Date/Time: 03/06/2014 16:45 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-72174-F-25-B MS		460-212087	460-211688	03/10/2014 14:48	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-25-B MS		460-212087	460-211688	03/12/2014 16:43	1	TAL EDI	DAN

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: 460-72174-25 MSD **Client ID: PMP-28SW-VD**

Sample Date/Time: 03/06/2014 16:45 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-72174-F-25-C MSD		460-212087	460-211688	03/10/2014 14:48	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-25-C MSD		460-212087	460-211688	03/12/2014 16:57	1	TAL EDI	DAN

Lab ID: 460-72174-26 **Client ID: PMP-28SW-WT**

Sample Date/Time: 03/06/2014 16:40 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-A-26-A		460-212509	460-211405	03/08/2014 13:37	50	TAL EDI	DAS
A:8260B	460-72174-A-26-A		460-212509	460-211405	03/13/2014 23:47	50	TAL EDI	KLB
P:3541	460-72174-F-26-C		460-212260	460-211728	03/10/2014 20:18	5	TAL EDI	VNP
A:8270C	460-72174-F-26-C		460-212260	460-211728	03/13/2014 08:46	5	TAL EDI	VJR
P:3546	460-72174-F-26-A		460-211839	460-211557	03/10/2014 04:53	50	TAL EDI	ARA
A:8082	460-72174-F-26-A		460-211839	460-211557	03/11/2014 08:27	50	TAL EDI	JHP
P:3546	460-72174-F-26-B		460-212087	460-211688	03/10/2014 14:48	25	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-26-B		460-212087	460-211688	03/12/2014 18:18	25	TAL EDI	DAN
A:Moisture	460-72174-F-26		460-211663		03/10/2014 12:45	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-26-B		460-212714		03/14/2014 14:11	1	TAL EDI	MCC

Lab ID: 460-72174-26 MS **Client ID: PMP-28SW-WT**

Sample Date/Time: 03/06/2014 16:40 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-A-26-A MS		460-212509	460-211405	03/08/2014 13:37	100	TAL EDI	DAS
A:8260B	460-72174-A-26-A MS		460-212509	460-211405	03/14/2014 03:04	100	TAL EDI	KLB

Lab ID: 460-72174-26 MSD **Client ID: PMP-28SW-WT**

Sample Date/Time: 03/06/2014 16:40 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-A-26-A MSD		460-212509	460-211405	03/08/2014 13:37	100	TAL EDI	DAS
A:8260B	460-72174-A-26-A MSD		460-212509	460-211405	03/14/2014 03:29	100	TAL EDI	KLB

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: 460-72174-26 DU **Client ID: PMP-28SW-WT**

Sample Date/Time: 03/06/2014 16:40 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-72174-F-26 DU		460-211663		03/10/2014 12:45	1	TAL EDI	ITR

Lab ID: 460-72174-27 **Client ID: PMP-28SW-SI**

Sample Date/Time: 03/06/2014 16:50 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-B-27-A		460-212478	460-211417	03/08/2014 16:44	1	TAL EDI	DAS
A:8260B	460-72174-B-27-A		460-212478	460-211417	03/14/2014 00:47	1	TAL EDI	MZS
P:3541	460-72174-F-27-C		460-211927	460-211728	03/10/2014 20:18	1	TAL EDI	VNP
A:8270C	460-72174-F-27-C		460-211927	460-211728	03/11/2014 20:31	1	TAL EDI	MMC
P:3546	460-72174-F-27-A		460-211705	460-211557	03/10/2014 04:53	1	TAL EDI	ARA
A:8082	460-72174-F-27-A		460-211705	460-211557	03/10/2014 22:48	1	TAL EDI	JHP
P:3546	460-72174-F-27-B		460-212087	460-211688	03/10/2014 14:48	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-27-B		460-212087	460-211688	03/12/2014 18:59	1	TAL EDI	DAN
A:Moisture	460-72174-F-27		460-211665		03/10/2014 13:07	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-27-B		460-212714		03/14/2014 14:11	1	TAL EDI	MCC

Lab ID: 460-72174-28 **Client ID: FB-030614**

Sample Date/Time: 03/06/2014 18:15 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-72174-B-28		460-212557		03/14/2014 09:02	1	TAL EDI	CJM
A:8260B	460-72174-B-28		460-212557		03/14/2014 09:02	1	TAL EDI	CJM
P:3510C	460-72174-H-28-A		460-212257	460-211622	03/10/2014 09:35	1	TAL EDI	HAW
A:8270C	460-72174-H-28-A		460-212257	460-211622	03/13/2014 06:51	1	TAL EDI	MMC
P:3510C	460-72174-F-28-A		460-211706	460-211482	03/09/2014 10:42	1	TAL EDI	HAW
A:8082	460-72174-F-28-A		460-211706	460-211482	03/11/2014 05:25	1	TAL EDI	JHP
P:3510C	460-72174-J-28-A		460-211769	460-211471	03/09/2014 10:24	1	TAL EDI	HAW
A:NJ-OQA-QAM-025	460-72174-J-28-A		460-211769	460-211471	03/11/2014 09:47	1	TAL EDI	DAN
A:SM 4500 Cl- B	460-72174-D-28		460-211961		03/10/2014 15:00	1	TAL EDI	HTV

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: 460-72174-29 **Client ID: PMP-24SW-WT**

Sample Date/Time: 03/06/2014 12:35 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-A-29-A		460-212315	460-211405	03/08/2014 13:39	500	TAL EDI	DAS
A:8260B	460-72174-A-29-A		460-212315	460-211405	03/13/2014 19:56	500	TAL EDI	FAM
P:3541	460-72174-F-29-C	DL	460-211927	460-211728	03/10/2014 20:18	10	TAL EDI	VNP
A:8270C	460-72174-F-29-C	DL	460-211927	460-211728	03/11/2014 23:48	10	TAL EDI	MMC
P:3546	460-72174-F-29-A		460-211839	460-211557	03/10/2014 04:53	2500	TAL EDI	ARA
A:8082	460-72174-F-29-A		460-211839	460-211557	03/11/2014 11:18	2500	TAL EDI	JHP
P:3546	460-72174-F-29-B		460-212087	460-211688	03/10/2014 14:48	50	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-29-B		460-212087	460-211688	03/12/2014 19:13	50	TAL EDI	DAN
A:Moisture	460-72174-F-29		460-211665		03/10/2014 13:07	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-29-B		460-212714		03/14/2014 14:11	1	TAL EDI	MCC

Lab ID: 460-72174-30 **Client ID: PMP-24SW-SI**

Sample Date/Time: 03/06/2014 12:40 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-A-30-A		460-212315	460-211405	03/08/2014 13:39	50	TAL EDI	DAS
A:8260B	460-72174-A-30-A		460-212315	460-211405	03/13/2014 17:53	50	TAL EDI	FAM
P:3541	460-72174-F-30-C		460-212566	460-211728	03/10/2014 20:18	5	TAL EDI	VNP
A:8270C	460-72174-F-30-C		460-212566	460-211728	03/14/2014 13:42	5	TAL EDI	VJR
P:3546	460-72174-F-30-A		460-211839	460-211557	03/10/2014 04:53	1000	TAL EDI	ARA
A:8082	460-72174-F-30-A		460-211839	460-211557	03/11/2014 11:37	1000	TAL EDI	JHP
P:3546	460-72174-F-30-B		460-212087	460-211688	03/10/2014 14:48	25	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-30-B		460-212087	460-211688	03/12/2014 19:27	25	TAL EDI	DAN
A:Moisture	460-72174-F-30		460-211665		03/10/2014 13:07	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-30-B		460-212714		03/14/2014 14:11	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: 460-72174-31 **Client ID:** PMP-7SW-VD

Sample Date/Time: 03/06/2014 13:50 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-C-31-A		460-212576	460-211417	03/08/2014 16:52	1	TAL EDI	DAS
A:8260B	460-72174-C-31-A		460-212576	460-211417	03/14/2014 10:07	1	TAL EDI	AAT
P:3541	460-72174-F-31-C		460-212527	460-211728	03/10/2014 20:18	1	TAL EDI	VNP
A:8270C	460-72174-F-31-C		460-212527	460-211728	03/14/2014 11:58	1	TAL EDI	AAS
P:3546	460-72174-F-31-A		460-211839	460-211557	03/10/2014 04:53	5	TAL EDI	ARA
A:8082	460-72174-F-31-A		460-211839	460-211557	03/11/2014 09:24	5	TAL EDI	JHP
P:3546	460-72174-F-31-B		460-212087	460-211688	03/10/2014 14:48	5	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-31-B		460-212087	460-211688	03/12/2014 19:40	5	TAL EDI	DAN
A:Moisture	460-72174-F-31		460-211665		03/10/2014 13:07	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-31-B		460-212714		03/14/2014 14:11	1	TAL EDI	MCC

Lab ID: 460-72174-32 **Client ID:** PMP-7SW-WI

Sample Date/Time: 03/06/2014 13:55 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-A-32-A		460-212315	460-211405	03/08/2014 13:41	50	TAL EDI	DAS
A:8260B	460-72174-A-32-A		460-212315	460-211405	03/13/2014 20:21	50	TAL EDI	FAM
P:3541	460-72174-F-32-C		460-212566	460-211728	03/10/2014 20:18	5	TAL EDI	VNP
A:8270C	460-72174-F-32-C		460-212566	460-211728	03/14/2014 12:31	5	TAL EDI	VJR
P:3546	460-72174-F-32-A		460-211839	460-211557	03/10/2014 04:53	200	TAL EDI	ARA
A:8082	460-72174-F-32-A		460-211839	460-211557	03/11/2014 12:00	200	TAL EDI	JHP
P:3546	460-72174-F-32-B		460-212087	460-211688	03/10/2014 14:48	25	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-32-B		460-212087	460-211688	03/12/2014 19:54	25	TAL EDI	DAN
A:Moisture	460-72174-F-32		460-211665		03/10/2014 13:07	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-32-B		460-212714		03/14/2014 14:11	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: 460-72174-33 **Client ID: PMP-7SW-SI**

Sample Date/Time: 03/06/2014 14:00 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-A-33-A		460-212315	460-211405	03/08/2014 13:42	50	TAL EDI	DAS
A:8260B	460-72174-A-33-A		460-212315	460-211405	03/13/2014 18:17	50	TAL EDI	FAM
P:3541	460-72174-F-33-C		460-212566	460-211728	03/10/2014 20:18	5	TAL EDI	VNP
A:8270C	460-72174-F-33-C		460-212566	460-211728	03/14/2014 15:22	5	TAL EDI	VJR
P:3546	460-72174-F-33-A		460-211839	460-211557	03/10/2014 04:53	50	TAL EDI	ARA
A:8082	460-72174-F-33-A		460-211839	460-211557	03/11/2014 10:02	50	TAL EDI	JHP
P:3546	460-72174-F-33-B		460-212087	460-211688	03/10/2014 14:48	10	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-33-B		460-212087	460-211688	03/12/2014 20:07	10	TAL EDI	DAN
A:Moisture	460-72174-F-33		460-211665		03/10/2014 13:07	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-33-B		460-212714		03/14/2014 14:14	1	TAL EDI	MCC

Lab ID: 460-72174-34 **Client ID: PMP-9SW-VD**

Sample Date/Time: 03/06/2014 14:40 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-C-34-A		460-212478	460-211417	03/08/2014 16:59	1	TAL EDI	DAS
A:8260B	460-72174-C-34-A		460-212478	460-211417	03/13/2014 22:28	1	TAL EDI	MZS
P:3541	460-72174-F-34-E		460-211927	460-211728	03/10/2014 20:18	1	TAL EDI	VNP
A:8270C	460-72174-F-34-E		460-211927	460-211728	03/11/2014 19:16	1	TAL EDI	MMC
P:3546	460-72174-F-34-A		460-211705	460-211557	03/10/2014 04:53	1	TAL EDI	ARA
A:8082	460-72174-F-34-A		460-211705	460-211557	03/11/2014 00:42	1	TAL EDI	JHP
P:3546	460-72174-F-34-B		460-212087	460-211688	03/10/2014 14:48	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-34-B		460-212087	460-211688	03/12/2014 20:21	1	TAL EDI	DAN
A:Moisture	460-72174-F-34		460-211665		03/10/2014 13:07	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-34-B		460-212714		03/14/2014 14:14	1	TAL EDI	MCC

Lab ID: 460-72174-34 MS **Client ID: PMP-9SW-VD**

Sample Date/Time: 03/06/2014 14:40 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-72174-F-34-C MS		460-211927	460-211728	03/10/2014 20:18	1	TAL EDI	VNP
A:8270C	460-72174-F-34-C MS		460-211927	460-211728	03/11/2014 18:27	1	TAL EDI	MMC
A:SM 4500 Cl- E	460-72174-A-34-B MS		460-212714		03/14/2014 14:14	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: 460-72174-34 MSD **Client ID: PMP-9SW-VD**

Sample Date/Time: 03/06/2014 14:40 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-72174-F-34-D MSD		460-211927	460-211728	03/10/2014 20:18	1	TAL EDI	VNP
A:8270C	460-72174-F-34-D MSD		460-211927	460-211728	03/11/2014 18:52	1	TAL EDI	MMC
A:SM 4500 Cl- E	460-72174-A-34-B MSD		460-212714		03/14/2014 14:14	1	TAL EDI	MCC

Lab ID: 460-72174-35 **Client ID: PMP-9SW-WT**

Sample Date/Time: 03/06/2014 14:45 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-A-35-A		460-212315	460-211405	03/08/2014 13:44	50	TAL EDI	DAS
A:8260B	460-72174-A-35-A		460-212315	460-211405	03/13/2014 18:42	50	TAL EDI	FAM
P:3541	460-72174-F-35-C		460-212566	460-211728	03/10/2014 20:18	5	TAL EDI	VNP
A:8270C	460-72174-F-35-C		460-212566	460-211728	03/14/2014 15:46	5	TAL EDI	VJR
P:3546	460-72174-F-35-A		460-211839	460-211557	03/10/2014 04:53	100	TAL EDI	ARA
A:8082	460-72174-F-35-A		460-211839	460-211557	03/11/2014 10:21	100	TAL EDI	JHP
P:3546	460-72174-F-35-B		460-212087	460-211688	03/10/2014 14:48	10	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-35-B		460-212087	460-211688	03/12/2014 20:35	10	TAL EDI	DAN
A:Moisture	460-72174-F-35		460-211665		03/10/2014 13:07	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-35-B		460-212714		03/14/2014 14:20	1	TAL EDI	MCC

Lab ID: 460-72174-35 MS **Client ID: PMP-9SW-WT**

Sample Date/Time: 03/06/2014 14:45 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-72174-A-35-B MS		460-212714		03/14/2014 14:41	1	TAL EDI	MCC

Lab ID: 460-72174-35 MSD **Client ID: PMP-9SW-WT**

Sample Date/Time: 03/06/2014 14:45 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-72174-A-35-B MSD		460-212714		03/14/2014 14:41	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: 460-72174-36 **Client ID:** PMP-9SW-SI

Sample Date/Time: 03/06/2014 14:50 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-C-36-A		460-212576	460-211417	03/08/2014 17:04	1	TAL EDI	DAS
A:8260B	460-72174-C-36-A		460-212576	460-211417	03/14/2014 10:29	1	TAL EDI	AAT
P:3541	460-72174-F-36-C		460-212566	460-211728	03/10/2014 20:18	1	TAL EDI	VNP
A:8270C	460-72174-F-36-C		460-212566	460-211728	03/14/2014 13:18	1	TAL EDI	VJR
P:3546	460-72174-F-36-A		460-211705	460-211557	03/10/2014 04:53	1	TAL EDI	ARA
A:8082	460-72174-F-36-A		460-211705	460-211557	03/11/2014 01:19	1	TAL EDI	JHP
P:3546	460-72174-F-36-B		460-212087	460-211688	03/10/2014 14:48	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-36-B		460-212087	460-211688	03/12/2014 21:16	1	TAL EDI	DAN
A:Moisture	460-72174-F-36		460-211665		03/10/2014 13:07	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-36-B		460-212714		03/14/2014 14:20	1	TAL EDI	MCC

Lab ID: 460-72174-37 **Client ID:** PMP-10SW-WI

Sample Date/Time: 03/06/2014 15:20 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-B-37-A		460-212478	460-211417	03/08/2014 17:05	1	TAL EDI	DAS
A:8260B	460-72174-B-37-A		460-212478	460-211417	03/14/2014 03:04	1	TAL EDI	MZS
P:3541	460-72174-F-37-C		460-212527	460-211728	03/10/2014 20:18	1	TAL EDI	VNP
A:8270C	460-72174-F-37-C		460-212527	460-211728	03/14/2014 12:22	1	TAL EDI	AAS
P:3546	460-72174-F-37-A		460-211839	460-211557	03/10/2014 04:53	2	TAL EDI	ARA
A:8082	460-72174-F-37-A		460-211839	460-211557	03/11/2014 10:40	2	TAL EDI	JHP
P:3546	460-72174-F-37-B		460-212087	460-211688	03/10/2014 14:48	5	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-37-B		460-212087	460-211688	03/12/2014 21:29	5	TAL EDI	DAN
A:Moisture	460-72174-F-37		460-211665		03/10/2014 13:07	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-37-B		460-212714		03/14/2014 14:20	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: 460-72174-38 **Client ID:** PMP-10SW-SI

Sample Date/Time: 03/06/2014 15:25 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72174-B-38-A		460-212478	460-211417	03/08/2014 17:07	1	TAL EDI	DAS
A:8260B	460-72174-B-38-A		460-212478	460-211417	03/14/2014 01:55	1	TAL EDI	MZS
P:3541	460-72174-F-38-C		460-211927	460-211728	03/10/2014 20:18	1	TAL EDI	VNP
A:8270C	460-72174-F-38-C		460-211927	460-211728	03/11/2014 20:55	1	TAL EDI	MMC
P:3546	460-72174-F-38-A		460-211705	460-211557	03/10/2014 04:53	1	TAL EDI	ARA
A:8082	460-72174-F-38-A		460-211705	460-211557	03/11/2014 01:57	1	TAL EDI	JHP
P:3546	460-72174-F-38-B		460-212087	460-211688	03/10/2014 14:48	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72174-F-38-B		460-212087	460-211688	03/12/2014 21:43	1	TAL EDI	DAN
A:Moisture	460-72174-F-38		460-211665		03/10/2014 13:07	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-72174-A-38-B		460-212714		03/14/2014 14:20	1	TAL EDI	MCC

Lab ID: 460-72174-38 DU **Client ID:** PMP-10SW-SI

Sample Date/Time: 03/06/2014 15:25 Received Date/Time: 03/07/2014 14:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-72174-F-38 DU		460-211665		03/10/2014 13:07	1	TAL EDI	ITR

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: MB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	MB 460-212239/6		460-212239		03/12/2014 22:42	50	TAL EDI	FAM
A:8260B	MB 460-212326/6		460-212326		03/13/2014 08:32	1	TAL EDI	MZS
A:8260B	MB 460-212315/7		460-212315		03/13/2014 11:10	50	TAL EDI	FAM
A:8260B	MB 460-212478/7		460-212478		03/13/2014 21:20	1	TAL EDI	MZS
A:8260B	MB 460-212509/6		460-212509		03/13/2014 23:22	50	TAL EDI	KLB
A:8260B	MB 460-212576/6		460-212576		03/14/2014 08:13	1	TAL EDI	AAT
P:5030B	MB 460-212557/7		460-212557		03/14/2014 08:42	1	TAL EDI	CJM
A:8260B	MB 460-212557/7		460-212557		03/14/2014 08:42	1	TAL EDI	CJM
A:8260B	MB 460-212770/6		460-212770		03/15/2014 00:44	50	TAL EDI	KLB
A:8260B	MB 460-212899/6		460-212899		03/16/2014 08:30	1	TAL EDI	AAT
A:8260B	MB 460-212905/6		460-212905		03/16/2014 08:30	50	TAL EDI	FAM
P:3541	MB 460-211728/1-A		460-211927	460-211728	03/10/2014 20:18	1	TAL EDI	VNP
A:8270C	MB 460-211728/1-A		460-211927	460-211728	03/11/2014 17:13	1	TAL EDI	MMC
P:3541	MB 460-211603/1-A		460-211922	460-211603	03/10/2014 09:03	1	TAL EDI	HMP
A:8270C	MB 460-211603/1-A		460-211922	460-211603	03/11/2014 17:22	1	TAL EDI	VJR
P:3510C	MB 460-211622/1-A		460-212257	460-211622	03/10/2014 09:35	1	TAL EDI	HAW
A:8270C	MB 460-211622/1-A		460-212257	460-211622	03/13/2014 02:35	1	TAL EDI	MMC
P:3546	MB 460-211557/1-A		460-211705	460-211557	03/10/2014 04:53	1	TAL EDI	ARA
A:8082	MB 460-211557/1-A		460-211705	460-211557	03/10/2014 18:42	1	TAL EDI	JHP
P:3546	MB 460-211556/1-A		460-211709	460-211556	03/10/2014 04:49	1	TAL EDI	ARA
A:8082	MB 460-211556/1-A		460-211709	460-211556	03/10/2014 23:48	1	TAL EDI	JHP
P:3510C	MB 460-211482/1-A		460-211706	460-211482	03/09/2014 10:42	1	TAL EDI	HAW
A:8082	MB 460-211482/1-A		460-211706	460-211482	03/11/2014 03:32	1	TAL EDI	JHP
P:3510C	MB 460-211471/1-A		460-211769	460-211471	03/09/2014 10:24	1	TAL EDI	HAW
A:NJ-OQA-QAM-025	MB 460-211471/1-A		460-211769	460-211471	03/11/2014 07:58	1	TAL EDI	DAN
P:3546	MB 460-211687/1-A		460-212087	460-211687	03/10/2014 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	MB 460-211687/1-A		460-212087	460-211687	03/12/2014 09:28	1	TAL EDI	DAN
P:3546	MB 460-211688/1-A		460-212087	460-211688	03/10/2014 14:48	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	MB 460-211688/1-A		460-212087	460-211688	03/12/2014 16:16	1	TAL EDI	DAN
A:SM 4500 Cl- B	MB 460-211961/1		460-211961		03/10/2014 15:00	1	TAL EDI	HTV
A:SM 4500 Cl- E	MB 460-212714/71		460-212714		03/14/2014 13:17	1	TAL EDI	MCC
A:SM 4500 Cl- E	MB 460-212714/91		460-212714		03/14/2014 13:31	1	TAL EDI	MCC
A:SM 4500 Cl- E	MB 460-212714/111		460-212714		03/14/2014 13:46	1	TAL EDI	MCC
A:SM 4500 Cl- E	MB 460-212714/131		460-212714		03/14/2014 14:11	1	TAL EDI	MCC
A:SM 4500 Cl- E	MB 460-212714/149		460-212714		03/14/2014 14:17	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: LB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	LB 460-212232/1-A		460-212714		03/14/2014 13:17	1	TAL EDI	MCC
A:SM 4500 Cl- E	LB 460-211953/1-A		460-212714		03/14/2014 13:17	1	TAL EDI	MCC
A:SM 4500 Cl- E	LB 460-211953/1-A		460-212714		03/14/2014 13:31	1	TAL EDI	MCC
A:SM 4500 Cl- E	LB 460-211953/1-A		460-212714		03/14/2014 13:46	1	TAL EDI	MCC
A:SM 4500 Cl- E	LB 460-211956/1-A		460-212714		03/14/2014 13:46	1	TAL EDI	MCC
A:SM 4500 Cl- E	LB 460-211956/1-A		460-212714		03/14/2014 14:11	1	TAL EDI	MCC
A:SM 4500 Cl- E	LB 460-211956/1-A		460-212714		03/14/2014 14:20	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: LCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	LCS 460-212239/3		460-212239		03/12/2014 21:27	50	TAL EDI	FAM
A:8260B	LCS 460-212326/3		460-212326		03/13/2014 07:05	1	TAL EDI	MZS
A:8260B	LCS 460-212315/4		460-212315		03/13/2014 09:44	50	TAL EDI	FAM
A:8260B	LCS 460-212478/4		460-212478		03/13/2014 19:33	1	TAL EDI	MZS
A:8260B	LCS 460-212509/3		460-212509		03/13/2014 22:08	50	TAL EDI	KLB
A:8260B	LCS 460-212576/3		460-212576		03/14/2014 06:49	1	TAL EDI	AAT
P:5030B	LCS 460-212557/4		460-212557		03/14/2014 07:29	1	TAL EDI	CJM
A:8260B	LCS 460-212557/4		460-212557		03/14/2014 07:29	1	TAL EDI	CJM
A:8260B	LCS 460-212770/3		460-212770		03/14/2014 23:29	50	TAL EDI	KLB
A:8260B	LCS 460-212899/3		460-212899		03/16/2014 06:56	1	TAL EDI	AAT
A:8260B	LCS 460-212905/3		460-212905		03/16/2014 07:15	50	TAL EDI	FAM
P:3541	LCS 460-211603/2-A		460-211759	460-211603	03/10/2014 09:03	1	TAL EDI	HMP
A:8270C	LCS 460-211603/2-A		460-211759	460-211603	03/11/2014 05:17	1	TAL EDI	MMC
P:3541	LCS 460-211603/3-A		460-211759	460-211603	03/10/2014 09:03	1	TAL EDI	HMP
A:8270C	LCS 460-211603/3-A		460-211759	460-211603	03/11/2014 05:39	1	TAL EDI	MMC
P:3541	LCS 460-211728/2-A		460-211927	460-211728	03/10/2014 20:18	1	TAL EDI	VNP
A:8270C	LCS 460-211728/2-A		460-211927	460-211728	03/11/2014 17:38	1	TAL EDI	MMC
P:3541	LCS 460-211728/3-A		460-211927	460-211728	03/10/2014 20:18	1	TAL EDI	VNP
A:8270C	LCS 460-211728/3-A		460-211927	460-211728	03/11/2014 18:02	1	TAL EDI	MMC
P:3510C	LCS 460-211622/2-A		460-212257	460-211622	03/10/2014 09:35	1	TAL EDI	HAW
A:8270C	LCS 460-211622/2-A		460-212257	460-211622	03/13/2014 02:58	1	TAL EDI	MMC
P:3510C	LCS 460-211622/4-A		460-212257	460-211622	03/10/2014 09:35	1	TAL EDI	HAW
A:8270C	LCS 460-211622/4-A		460-212257	460-211622	03/13/2014 03:44	1	TAL EDI	MMC
P:3546	LCS 460-211557/2-A		460-211705	460-211557	03/10/2014 04:53	1	TAL EDI	ARA
A:8082	LCS 460-211557/2-A		460-211705	460-211557	03/10/2014 19:01	1	TAL EDI	JHP
P:3546	LCS 460-211556/2-A		460-211709	460-211556	03/10/2014 04:49	1	TAL EDI	ARA
A:8082	LCS 460-211556/2-A		460-211709	460-211556	03/11/2014 00:04	1	TAL EDI	JHP
P:3510C	LCS 460-211482/2-A		460-211706	460-211482	03/09/2014 10:42	1	TAL EDI	HAW
A:8082	LCS 460-211482/2-A		460-211706	460-211482	03/11/2014 03:51	1	TAL EDI	JHP
P:3510C	LCS 460-211471/2-A		460-211769	460-211471	03/09/2014 10:24	1	TAL EDI	HAW
A:NJ-OQA-QAM-025	LCS 460-211471/2-A		460-211769	460-211471	03/11/2014 08:12	1	TAL EDI	DAN
P:3546	LCS 460-211687/2-A		460-212087	460-211687	03/10/2014 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	LCS 460-211687/2-A		460-212087	460-211687	03/12/2014 09:41	1	TAL EDI	DAN
P:3546	LCS 460-211688/2-A		460-212087	460-211688	03/10/2014 14:48	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	LCS 460-211688/2-A		460-212087	460-211688	03/12/2014 16:29	1	TAL EDI	DAN

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: LCSD **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	LCSD 460-212326/4		460-212326		03/13/2014 07:31	1	TAL EDI	MZS
A:8260B	LCSD 460-212315/5		460-212315		03/13/2014 10:09	50	TAL EDI	FAM
A:8260B	LCSD 460-212478/5		460-212478		03/13/2014 19:56	1	TAL EDI	MZS
A:8260B	LCSD 460-212576/4		460-212576		03/14/2014 07:12	1	TAL EDI	AAT
A:8260B	LCSD 460-212899/4		460-212899		03/16/2014 07:22	1	TAL EDI	AAT
A:8260B	LCSD 460-212905/4		460-212905		03/16/2014 07:40	50	TAL EDI	FAM
P:3510C	LCSD 460-211622/3-A		460-212257	460-211622	03/10/2014 09:35	1	TAL EDI	HAW
A:8270C	LCSD 460-211622/3-A		460-212257	460-211622	03/13/2014 03:21	1	TAL EDI	MMC
P:3510C	LCSD 460-211622/5-A		460-212257	460-211622	03/10/2014 09:35	1	TAL EDI	HAW
A:8270C	LCSD 460-211622/5-A		460-212257	460-211622	03/13/2014 04:07	1	TAL EDI	MMC
P:3510C	LCSD 460-211482/3-A		460-211706	460-211482	03/09/2014 10:42	1	TAL EDI	HAW
A:8082	LCSD 460-211482/3-A		460-211706	460-211482	03/11/2014 04:10	1	TAL EDI	JHP
P:3510C	LCSD 460-211471/3-A		460-211769	460-211471	03/09/2014 10:24	1	TAL EDI	HAW
A:NJ-OQA-QAM-025	LCSD 460-211471/3-A		460-211769	460-211471	03/11/2014 08:25	1	TAL EDI	DAN

Lab ID: LCSSRM **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- B	LCSSRM 460-211961/2 ^2		460-211961		03/10/2014 15:00	2	TAL EDI	HTV
A:SM 4500 Cl- E	LCSSRM 460-212714/72		460-212714		03/14/2014 13:17	1	TAL EDI	MCC
A:SM 4500 Cl- E	LCSSRM 460-212714/92		460-212714		03/14/2014 13:31	1	TAL EDI	MCC
A:SM 4500 Cl- E	LCSSRM 460-212714/112		460-212714		03/14/2014 13:46	1	TAL EDI	MCC
A:SM 4500 Cl- E	LCSSRM 460-212714/132		460-212714		03/14/2014 14:11	1	TAL EDI	MCC
A:SM 4500 Cl- E	LCSSRM 460-212714/150		460-212714		03/14/2014 14:17	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-72174-1

Laboratory Chronicle

Lab ID: MS **Client ID: N/A**

Sample Date/Time: 03/06/2014 13:30 Received Date/Time: 03/07/2014 12:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-72133-A-1 MS		460-212557		03/14/2014 12:25	10	TAL EDI	CJM
A:8260B	460-72133-A-1 MS		460-212557		03/14/2014 12:25	10	TAL EDI	CJM
P:5035	460-72284-A-9-A MS		460-212770	460-212103	03/12/2014 10:30	100	TAL EDI	OK1
A:8260B	460-72284-A-9-A MS		460-212770	460-212103	03/15/2014 07:28	100	TAL EDI	KLB
A:SM 4500 Cl- B	460-72038-A-1 MS ^10		460-211961		03/10/2014 15:00	10	TAL EDI	HTV
A:SM 4500 Cl- E	460-72180-A-29-B MS		460-212714		03/14/2014 13:20	1	TAL EDI	MCC

Lab ID: MSD **Client ID: N/A**

Sample Date/Time: 03/06/2014 13:30 Received Date/Time: 03/07/2014 12:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-72133-A-1 MSD		460-212557		03/14/2014 12:45	10	TAL EDI	CJM
A:8260B	460-72133-A-1 MSD		460-212557		03/14/2014 12:45	10	TAL EDI	CJM
P:5035	460-72284-A-9-A MSD		460-212770	460-212103	03/12/2014 10:30	100	TAL EDI	OK1
A:8260B	460-72284-A-9-A MSD		460-212770	460-212103	03/15/2014 07:53	100	TAL EDI	KLB
A:SM 4500 Cl- B	460-72038-A-1 MSD ^10		460-211961		03/10/2014 15:00	10	TAL EDI	HTV
A:SM 4500 Cl- E	460-72180-A-29-B MSD		460-212714		03/14/2014 13:20	1	TAL EDI	MCC

Lab References:
TAL EDI = TestAmerica Edison

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
PMP-14SW-VS	460-72174-1	95	97	98	115
PMP-23SW-VS	460-72174-2	95	99	101	126
PMP-23SW-VD	460-72174-3	93	99	103	114
PMP-23SW-WT	460-72174-4	95	95	92	97
PMP-8SW-VS	460-72174-5	95	100	95	108
PMP-4SW-VS	460-72174-6	92	98	92	98
PMP-4SW-VD	460-72174-7	94	99	93	96
PMP-22SW-VS	460-72174-8	97	104	99	110
PMP-22SW-VD	460-72174-9	99	103	96	99
PMP-22SW-WT	460-72174-10	92	97	91	98
PMP-6SW-VD	460-72174-13	96	101	97	95
PMP-6SW-WT	460-72174-14	97	101	126	88
PMP-6SW-SI	460-72174-15	89	90	113	105
PMP-2SW-VD	460-72174-16	105	97	87	99
PMP-2SW-SI	460-72174-18	90	95	92	95
PMP-24SW-VS	460-72174-19	95	104	91	94
PMP-10SW-SD	460-72174-21	92	95	90	95
PMP-13SW-SI	460-72174-23	90	96	91	91
PMP-28SW-VD	460-72174-25	92	97	93	102
PMP-28SW-SI	460-72174-27	89	89	90	96
PMP-7SW-VD	460-72174-31	97	101	101	126
PMP-9SW-VD	460-72174-34	90	96	91	94
PMP-9SW-SI	460-72174-36	93	95	93	95
PMP-10SW-WI	460-72174-37	96	107	107	107 *
PMP-10SW-SI	460-72174-38	88	90	91	94
	MB 460-212326/6	99	103	94	96
	MB 460-212478/7	97	107	95	97
	MB 460-212576/6	95	103	92	94
	MB 460-212899/6	100	97	85	99
	LCS 460-212326/3	97	100	99	97
	LCS 460-212478/4	98	99	96	99
	LCS 460-212576/3	93	95	93	94
	LCS 460-212899/3	102	91	88	98
	LCSD 460-212326/4	97	96	95	94

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
	LCSD 460-212478/5	92	99	92	93
	LCSD 460-212576/4	94	98	91	94
	LCSD 460-212899/4	107	103	92	100

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
PMP-5SW-WT	460-72174-11	85	86	84	85
PMP-5SW-SI	460-72174-12	75	81	81	80
PMP-2SW-WT	460-72174-17	81	86	84	83
PMP-24SW-VD	460-72174-20	74	86	80	81
PMP-13SW-WT	460-72174-22	79	82	76	76
PMP-13SW-SD	460-72174-24	77	82	79	81
PMP-28SW-WT	460-72174-26	86	85	85	84
PMP-24SW-WT	460-72174-29	84	91	91	94
PMP-24SW-SI	460-72174-30	72	78	77	76
PMP-7SW-WI	460-72174-32	79	85	81	79
PMP-7SW-SI	460-72174-33	78	83	82	82
PMP-9SW-WT	460-72174-35	78	84	81	81
	MB 460-212239/6	99	98	99	99
	MB 460-212315/7	99	100	98	98
	MB 460-212509/6	101	100	101	102
	MB 460-212770/6	96	98	98	96
	MB 460-212905/6	97	98	98	97
	LCS 460-212239/3	99	99	100	100
	LCS 460-212315/4	99	97	99	99
	LCS 460-212509/3	99	98	98	97
	LCS 460-212770/3	109	108	107	102
	LCS 460-212905/3	101	100	100	97
	LCSD 460-212315/5	103	100	99	98
	LCSD 460-212905/4	101	96	98	97
PMP-5SW-WT MS	460-72174-11 MS	86	87	84	85
PMP-28SW-WT MS	460-72174-26 MS	81	79	82	81
	460-72284-A-9-A MS	70	82	77	76
PMP-5SW-WT MSD	460-72174-11 MSD	87	90	87	86
PMP-28SW-WT MSD	460-72174-26 MSD	84	83	84	82
	460-72284-A-9-A MSD	68 X	84	78	73

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	75-135
TOL = Toluene-d8 (Surr)	59-150
BFB = Bromofluorobenzene	72-133

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
FB-030614	460-72174-28	105	104	99	100
	MB 460-212557/7	100	106	100	101
	LCS 460-212557/4	107	107	105	101
	460-72133-A-1 MS	100	103	100	99
	460-72133-A-1 MSD	100	101	98	97

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J09914.D

Lab ID: LCS 460-212239/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	1000	949	95	52-144	
Bromomethane	1000	1100	110	58-154	
Vinyl chloride	1000	999	100	55-154	
Chloroethane	1000	1510	151	66-144	*
Methylene Chloride	1000	1040	104	78-118	
Acetone	5000	6280	126	48-177	
Carbon disulfide	1000	1090	109	70-120	
Trichlorofluoromethane	1000	1000	100	60-148	
1,1-Dichloroethene	1000	1020	102	68-138	
1,1-Dichloroethane	1000	1040	104	79-119	
trans-1,2-Dichloroethene	1000	1080	108	73-119	
cis-1,2-Dichloroethene	1000	1020	102	78-118	
Chloroform	1000	1020	102	81-122	
2-Butanone	5000	6720	134	70-139	
1,2-Dichloroethane	1000	1020	102	81-121	
1,1,1-Trichloroethane	1000	1030	103	78-118	
Carbon tetrachloride	1000	883	88	64-130	
Benzene	1000	1040	104	71-118	
Bromoform	1000	773	77	76-133	
Styrene	1000	993	99	73-126	
Ethylbenzene	1000	972	97	78-124	
Chlorobenzene	1000	1020	102	69-124	
Cyclohexane	1000	960	96	69-128	
Isopropylbenzene	1000	1120	112	80-143	
2-Hexanone	5000	6510	130	62-123	*
MTBE	1000	940	94	65-143	
Freon TF	1000	1010	101	50-128	
Methyl acetate	5000	4570	91	72-165	
1,4-Dioxane	20000	22900	114	54-147	
Trichloroethene	1000	1060	106	82-122	
Toluene	1000	1040	104	79-136	
trans-1,3-Dichloropropene	1000	996	100	73-118	
4-Methyl-2-pentanone	5000	4520	90	69-124	
cis-1,3-Dichloropropene	1000	1010	101	75-120	
1,2-Dichlorobenzene	1000	1010	101	83-123	
1,3-Dichlorobenzene	1000	1050	105	83-123	
1,4-Dichlorobenzene	1000	1050	105	84-124	
1,2,4-Trichlorobenzene	1000	1080	108	62-144	
1,2,3-Trichlorobenzene	1000	1060	106	36-207	
1,2-Dichloropropane	1000	1020	102	78-118	
Methylcyclohexane	1000	962	96	80-134	
Tetrachloroethene	1000	1130	113	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J09914.D

Lab ID: LCS 460-212239/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	2000	2060	103	78-126	
1,2-Dibromo-3-Chloropropane	1000	798	80	62-127	
1,1,2,2-Tetrachloroethane	1000	970	97	86-145	
1,1,2-Trichloroethane	1000	1020	102	77-120	
Dibromochloromethane	1000	894	89	78-118	
1,2-Dibromoethane	1000	959	96	76-120	
Dichlorodifluoromethane	1000	964	96	41-149	
Bromochloromethane	1000	1040	104	81-121	
Bromodichloromethane	1000	983	98	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J09938.D

Lab ID: LCS 460-212315/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	1000	962	96	52-144	
Bromomethane	1000	1040	104	58-154	
Vinyl chloride	1000	954	95	55-154	
Chloroethane	1000	1290	129	66-144	
Methylene Chloride	1000	1010	101	78-118	
Acetone	5000	5730	115	48-177	
Carbon disulfide	1000	962	96	70-120	
Trichlorofluoromethane	1000	911	91	60-148	
1,1-Dichloroethene	1000	950	95	68-138	
1,1-Dichloroethane	1000	1020	102	79-119	
trans-1,2-Dichloroethene	1000	982	98	73-119	
cis-1,2-Dichloroethene	1000	986	99	78-118	
Chloroform	1000	1010	101	81-122	
2-Butanone	5000	6020	120	70-139	
1,2-Dichloroethane	1000	1010	101	81-121	
1,1,1-Trichloroethane	1000	1020	102	78-118	
Carbon tetrachloride	1000	801	80	64-130	
Benzene	1000	1030	103	71-118	
Bromoform	1000	831	83	76-133	
Styrene	1000	1020	102	73-126	
Ethylbenzene	1000	1010	101	78-124	
Chlorobenzene	1000	1010	101	69-124	
Cyclohexane	1000	861	86	69-128	
Isopropylbenzene	1000	1060	106	80-143	
2-Hexanone	5000	6210	124	62-123	*
MTBE	1000	982	98	65-143	
Freon TF	1000	782	78	50-128	
Methyl acetate	5000	4940	99	72-165	
1,4-Dioxane	20000	25700	128	54-147	
Trichloroethene	1000	1000	100	82-122	
Toluene	1000	1020	102	79-136	
trans-1,3-Dichloropropene	1000	1050	105	73-118	
4-Methyl-2-pentanone	5000	4990	100	69-124	
cis-1,3-Dichloropropene	1000	1020	102	75-120	
1,2-Dichlorobenzene	1000	1030	103	83-123	
1,3-Dichlorobenzene	1000	1030	103	83-123	
1,4-Dichlorobenzene	1000	1020	102	84-124	
1,2,4-Trichlorobenzene	1000	1060	106	62-144	
1,2,3-Trichlorobenzene	1000	1070	107	36-207	
1,2-Dichloropropane	1000	1000	100	78-118	
Methylcyclohexane	1000	827	83	80-134	
Tetrachloroethene	1000	1050	105	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J09938.D

Lab ID: LCS 460-212315/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	2000	2090	105	78-126	
1,2-Dibromo-3-Chloropropane	1000	831	83	62-127	
1,1,2,2-Tetrachloroethane	1000	1010	101	86-145	
1,1,2-Trichloroethane	1000	1010	101	77-120	
Dibromochloromethane	1000	887	89	78-118	
1,2-Dibromoethane	1000	980	98	76-120	
Dichlorodifluoromethane	1000	807	81	41-149	
Bromochloromethane	1000	997	100	81-121	
Bromodichloromethane	1000	970	97	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D367283.D

Lab ID: LCS 460-212326/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	19.0	95	58-142	
Bromomethane	20.0	19.0	95	59-150	
Vinyl chloride	20.0	19.0	95	65-135	
Chloroethane	20.0	18.7	94	63-150	
Methylene Chloride	20.0	21.0	105	80-126	
Acetone	100	85.8	86	49-150	
Carbon disulfide	20.0	21.0	105	65-141	
Trichlorofluoromethane	20.0	19.1	95	68-145	
1,1-Dichloroethene	20.0	21.5	107	76-127	
1,1-Dichloroethane	20.0	21.3	107	80-130	
trans-1,2-Dichloroethene	20.0	21.4	107	79-129	
cis-1,2-Dichloroethene	20.0	21.3	106	76-124	
Chloroform	20.0	21.0	105	77-122	
2-Butanone	100	93.6	94	58-142	
1,2-Dichloroethane	20.0	21.6	108	76-120	
1,1,1-Trichloroethane	20.0	21.9	109	73-127	
Carbon tetrachloride	20.0	19.0	95	75-125	
Benzene	20.0	21.3	106	80-120	
Bromoform	20.0	19.2	96	68-120	
Styrene	20.0	20.3	101	78-120	
Ethylbenzene	20.0	20.8	104	80-120	
Chlorobenzene	20.0	20.0	100	80-120	
Cyclohexane	20.0	21.9	110	72-137	
Isopropylbenzene	20.0	21.6	108	80-120	
2-Hexanone	100	108	108	62-139	
MTBE	20.0	22.0	110	77-128	
Freon TF	20.0	22.0	110	78-136	
Methyl acetate	100	111	111	74-138	
1,4-Dioxane	400	467	117	57-146	
Trichloroethene	20.0	21.0	105	75-120	
Toluene	20.0	20.7	103	80-120	
trans-1,3-Dichloropropene	20.0	20.5	102	72-120	
4-Methyl-2-pentanone	100	104	104	60-141	
cis-1,3-Dichloropropene	20.0	20.3	102	77-120	
1,2-Dichlorobenzene	20.0	20.6	103	77-120	
1,3-Dichlorobenzene	20.0	20.1	100	78-120	
1,4-Dichlorobenzene	20.0	19.6	98	77-120	
1,2,4-Trichlorobenzene	20.0	19.5	98	68-120	
1,2,3-Trichlorobenzene	20.0	19.7	98	70-120	
1,2-Dichloropropane	20.0	20.6	103	74-127	
Methylcyclohexane	20.0	21.3	106	74-126	
Tetrachloroethene	20.0	20.9	104	76-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D367283.D

Lab ID: LCS 460-212326/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	41.1	103	78-120	
1,2-Dibromo-3-Chloropropane	20.0	19.9	100	64-129	
1,1,2,2-Tetrachloroethane	20.0	20.5	103	74-124	
1,1,2-Trichloroethane	20.0	19.7	99	80-120	
Dibromochloromethane	20.0	19.6	98	76-120	
1,2-Dibromoethane	20.0	20.6	103	79-120	
Dichlorodifluoromethane	20.0	20.9	105	52-138	
Bromochloromethane	20.0	20.9	105	72-122	
Bromodichloromethane	20.0	20.2	101	77-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D367311.D

Lab ID: LCS 460-212478/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	16.3	82	58-142	
Bromomethane	20.0	20.5	103	59-150	
Vinyl chloride	20.0	20.2	101	65-135	
Chloroethane	20.0	21.2	106	63-150	
Methylene Chloride	20.0	20.4	102	80-126	
Acetone	100	82.1	82	49-150	
Carbon disulfide	20.0	20.0	100	65-141	
Trichlorofluoromethane	20.0	20.1	101	68-145	
1,1-Dichloroethene	20.0	21.4	107	76-127	
1,1-Dichloroethane	20.0	19.9	100	80-130	
trans-1,2-Dichloroethene	20.0	19.8	99	79-129	
cis-1,2-Dichloroethene	20.0	18.4	92	76-124	
Chloroform	20.0	18.9	94	77-122	
2-Butanone	100	73.6	74	58-142	
1,2-Dichloroethane	20.0	19.0	95	76-120	
1,1,1-Trichloroethane	20.0	20.5	103	73-127	
Carbon tetrachloride	20.0	19.3	97	75-125	
Benzene	20.0	19.3	97	80-120	
Bromoform	20.0	16.4	82	68-120	
Styrene	20.0	17.8	89	78-120	
Ethylbenzene	20.0	18.2	91	80-120	
Chlorobenzene	20.0	17.3	87	80-120	
Cyclohexane	20.0	20.1	101	72-137	
Isopropylbenzene	20.0	18.9	94	80-120	
2-Hexanone	100	101	101	62-139	
MTBE	20.0	21.4	107	77-128	
Freon TF	20.0	22.5	113	78-136	
Methyl acetate	100	108	108	74-138	
1,4-Dioxane	400	319	80	57-146	
Trichloroethene	20.0	18.2	91	75-120	
Toluene	20.0	18.4	92	80-120	
trans-1,3-Dichloropropene	20.0	17.2	86	72-120	
4-Methyl-2-pentanone	100	93.7	94	60-141	
cis-1,3-Dichloropropene	20.0	16.9	85	77-120	
1,2-Dichlorobenzene	20.0	18.2	91	77-120	
1,3-Dichlorobenzene	20.0	17.8	89	78-120	
1,4-Dichlorobenzene	20.0	17.3	87	77-120	
1,2,4-Trichlorobenzene	20.0	18.2	91	68-120	
1,2,3-Trichlorobenzene	20.0	17.3	87	70-120	
1,2-Dichloropropane	20.0	18.4	92	74-127	
Methylcyclohexane	20.0	18.9	94	74-126	
Tetrachloroethene	20.0	18.0	90	76-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D367311.D

Lab ID: LCS 460-212478/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	37.1	93	78-120	
1,2-Dibromo-3-Chloropropane	20.0	15.9	79	64-129	
1,1,2,2-Tetrachloroethane	20.0	18.5	92	74-124	
1,1,2-Trichloroethane	20.0	16.5	82	80-120	
Dibromochloromethane	20.0	15.8	79	76-120	
1,2-Dibromoethane	20.0	17.3	87	79-120	
Dichlorodifluoromethane	20.0	22.3	112	52-138	
Bromochloromethane	20.0	19.1	95	72-122	
Bromodichloromethane	20.0	17.5	88	77-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J09964.D

Lab ID: LCS 460-212509/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	1000	897	90	52-144	
Bromomethane	1000	929	93	58-154	
Vinyl chloride	1000	926	93	55-154	
Chloroethane	1000	1380	138	66-144	
Methylene Chloride	1000	1000	100	78-118	
Acetone	5000	5800	116	48-177	
Carbon disulfide	1000	1050	105	70-120	
Trichlorofluoromethane	1000	967	97	60-148	
1,1-Dichloroethene	1000	987	99	68-138	
1,1-Dichloroethane	1000	1040	104	79-119	
trans-1,2-Dichloroethene	1000	1040	104	73-119	
cis-1,2-Dichloroethene	1000	1010	101	78-118	
Chloroform	1000	1030	103	81-122	
2-Butanone	5000	6160	123	70-139	
1,2-Dichloroethane	1000	985	98	81-121	
1,1,1-Trichloroethane	1000	998	100	78-118	
Carbon tetrachloride	1000	837	84	64-130	
Benzene	1000	1020	102	71-118	
Bromoform	1000	797	80	76-133	
Styrene	1000	980	98	73-126	
Ethylbenzene	1000	996	100	78-124	
Chlorobenzene	1000	996	100	69-124	
Cyclohexane	1000	888	89	69-128	
Isopropylbenzene	1000	1050	105	80-143	
2-Hexanone	5000	6430	129	62-123	*
MTBE	1000	959	96	65-143	
Freon TF	1000	935	94	50-128	
Methyl acetate	5000	4720	94	72-165	
1,4-Dioxane	20000	22200	111	54-147	
Trichloroethene	1000	1070	107	82-122	
Toluene	1000	1040	104	79-136	
trans-1,3-Dichloropropene	1000	1020	102	73-118	
4-Methyl-2-pentanone	5000	4690	94	69-124	
cis-1,3-Dichloropropene	1000	987	99	75-120	
1,2-Dichlorobenzene	1000	1040	104	83-123	
1,3-Dichlorobenzene	1000	1040	104	83-123	
1,4-Dichlorobenzene	1000	1040	104	84-124	
1,2,4-Trichlorobenzene	1000	1040	104	62-144	
1,2,3-Trichlorobenzene	1000	1000	100	36-207	
1,2-Dichloropropane	1000	1050	105	78-118	
Methylcyclohexane	1000	863	86	80-134	
Tetrachloroethene	1000	1100	110	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J09964.D

Lab ID: LCS 460-212509/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	2000	1950	98	78-126	
1,2-Dibromo-3-Chloropropane	1000	779	78	62-127	
1,1,2,2-Tetrachloroethane	1000	1020	102	86-145	
1,1,2-Trichloroethane	1000	988	99	77-120	
Dibromochloromethane	1000	866	87	78-118	
1,2-Dibromoethane	1000	965	97	76-120	
Dichlorodifluoromethane	1000	807	81	41-149	
Bromochloromethane	1000	988	99	81-121	
Bromodichloromethane	1000	964	96	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A00580.D

Lab ID: LCS 460-212557/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	17.8	89	42-150	
Bromomethane	20.0	19.6	98	28-150	
Vinyl chloride	20.0	18.9	94	61-136	
Chloroethane	20.0	19.0	95	49-150	
Methylene Chloride	20.0	20.2	101	77-124	
Acetone	100	89.5	89	40-150	
Carbon disulfide	20.0	19.0	95	51-137	
Trichlorofluoromethane	20.0	20.7	103	43-150	
1,1-Dichloroethene	20.0	20.2	101	62-128	
1,1-Dichloroethane	20.0	21.5	108	74-128	
trans-1,2-Dichloroethene	20.0	20.7	103	73-124	
cis-1,2-Dichloroethene	20.0	19.7	98	78-121	
Chloroform	20.0	20.7	104	81-123	
2-Butanone	100	90.3	90	64-141	
1,2-Dichloroethane	20.0	19.7	98	74-128	
1,1,1-Trichloroethane	20.0	20.5	102	72-126	
Carbon tetrachloride	20.0	21.6	108	63-135	
Benzene	20.0	21.1	105	76-121	
Bromoform	20.0	15.7	79	54-138	
Styrene	20.0	19.0	95	73-124	
Ethylbenzene	20.0	20.1	101	74-120	
Chlorobenzene	20.0	19.5	97	77-120	
Cyclohexane	20.0	23.8	119	35-150	
Isopropylbenzene	20.0	17.3	87	75-125	
2-Hexanone	100	93.0	93	53-138	
MTBE	20.0	19.4	97	73-123	
Freon TF	20.0	24.1	120	42-145	
Methyl acetate	100	106	106	43-148	
1,4-Dioxane	400	488	122	43-150	
Trichloroethene	20.0	20.7	104	74-120	
Toluene	20.0	20.1	100	78-120	
trans-1,3-Dichloropropene	20.0	18.6	93	71-121	
4-Methyl-2-pentanone	100	103	103	55-141	
cis-1,3-Dichloropropene	20.0	18.2	91	72-122	
1,2-Dichlorobenzene	20.0	20.0	100	76-120	
1,3-Dichlorobenzene	20.0	19.8	99	75-120	
1,4-Dichlorobenzene	20.0	19.9	99	75-120	
1,2,4-Trichlorobenzene	20.0	22.7	114	66-126	
1,2,3-Trichlorobenzene	20.0	27.4	137	68-126	*
1,2-Dichloropropane	20.0	19.3	96	75-122	
Methylcyclohexane	20.0	22.6	113	34-150	
Tetrachloroethene	20.0	21.3	106	67-129	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A00580.D

Lab ID: LCS 460-212557/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	40.1	100	73-122	
1,2-Dibromo-3-Chloropropane	20.0	23.2	116	58-126	
1,1,2,2-Tetrachloroethane	20.0	19.2	96	60-130	
1,1,2-Trichloroethane	20.0	18.9	94	73-120	
Dibromochloromethane	20.0	17.0	85	69-126	
1,2-Dibromoethane	20.0	18.8	94	75-120	
Dichlorodifluoromethane	20.0	17.2	86	14-150	
Bromochloromethane	20.0	19.8	99	73-130	
Bromodichloromethane	20.0	17.7	89	77-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D367335.D

Lab ID: LCS 460-212576/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	16.6	83	58-142	
Bromomethane	20.0	21.0	105	59-150	
Vinyl chloride	20.0	21.5	107	65-135	
Chloroethane	20.0	20.9	105	63-150	
Methylene Chloride	20.0	22.0	110	80-126	
Acetone	100	71.1	71	49-150	
Carbon disulfide	20.0	20.5	102	65-141	
Trichlorofluoromethane	20.0	21.1	105	68-145	
1,1-Dichloroethene	20.0	22.1	111	76-127	
1,1-Dichloroethane	20.0	22.0	110	80-130	
trans-1,2-Dichloroethene	20.0	22.0	110	79-129	
cis-1,2-Dichloroethene	20.0	21.8	109	76-124	
Chloroform	20.0	21.4	107	77-122	
2-Butanone	100	85.8	86	58-142	
1,2-Dichloroethane	20.0	22.2	111	76-120	
1,1,1-Trichloroethane	20.0	23.2	116	73-127	
Carbon tetrachloride	20.0	18.7	93	75-125	
Benzene	20.0	21.2	106	80-120	
Bromoform	20.0	17.3	87	68-120	
Styrene	20.0	20.0	100	78-120	
Ethylbenzene	20.0	20.7	104	80-120	
Chlorobenzene	20.0	19.5	98	80-120	
Cyclohexane	20.0	22.7	113	72-137	
Isopropylbenzene	20.0	21.8	109	80-120	
2-Hexanone	100	110	110	62-139	
MTBE	20.0	22.9	114	77-128	
Freon TF	20.0	22.5	113	78-136	
Methyl acetate	100	106	106	74-138	
1,4-Dioxane	400	374	94	57-146	
Trichloroethene	20.0	22.1	110	75-120	
Toluene	20.0	21.0	105	80-120	
trans-1,3-Dichloropropene	20.0	19.3	96	72-120	
4-Methyl-2-pentanone	100	104	104	60-141	
cis-1,3-Dichloropropene	20.0	19.1	96	77-120	
1,2-Dichlorobenzene	20.0	20.9	105	77-120	
1,3-Dichlorobenzene	20.0	19.8	99	78-120	
1,4-Dichlorobenzene	20.0	19.2	96	77-120	
1,2,4-Trichlorobenzene	20.0	19.3	96	68-120	
1,2,3-Trichlorobenzene	20.0	20.1	100	70-120	
1,2-Dichloropropane	20.0	21.6	108	74-127	
Methylcyclohexane	20.0	21.6	108	74-126	
Tetrachloroethene	20.0	20.2	101	76-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D367335.D

Lab ID: LCS 460-212576/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	41.8	105	78-120	
1,2-Dibromo-3-Chloropropane	20.0	18.6	93	64-129	
1,1,2,2-Tetrachloroethane	20.0	20.7	104	74-124	
1,1,2-Trichloroethane	20.0	19.2	96	80-120	
Dibromochloromethane	20.0	17.9	89	76-120	
1,2-Dibromoethane	20.0	20.0	100	79-120	
Dichlorodifluoromethane	20.0	24.2	121	52-138	
Bromochloromethane	20.0	20.6	103	72-122	
Bromodichloromethane	20.0	19.9	99	77-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J10017.D

Lab ID: LCS 460-212770/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	1000	1090	109	52-144	
Bromomethane	1000	1100	110	58-154	
Vinyl chloride	1000	1090	109	55-154	
Chloroethane	1000	1400	140	66-144	
Methylene Chloride	1000	1090	109	78-118	
Acetone	5000	6110	122	48-177	
Carbon disulfide	1000	1150	115	70-120	
Trichlorofluoromethane	1000	1040	104	60-148	
1,1-Dichloroethene	1000	1100	110	68-138	
1,1-Dichloroethane	1000	1130	113	79-119	
trans-1,2-Dichloroethene	1000	1130	113	73-119	
cis-1,2-Dichloroethene	1000	1110	111	78-118	
Chloroform	1000	1100	110	81-122	
2-Butanone	5000	6380	128	70-139	
1,2-Dichloroethane	1000	1100	110	81-121	
1,1,1-Trichloroethane	1000	1130	113	78-118	
Carbon tetrachloride	1000	920	92	64-130	
Benzene	1000	1130	113	71-118	
Bromoform	1000	937	94	76-133	
Styrene	1000	1050	105	73-126	
Ethylbenzene	1000	1080	108	78-124	
Chlorobenzene	1000	1070	107	69-124	
Cyclohexane	1000	935	94	69-128	
Isopropylbenzene	1000	1100	110	80-143	
2-Hexanone	5000	6600	132	62-123	*
MTBE	1000	1060	106	65-143	
Freon TF	1000	954	95	50-128	
Methyl acetate	5000	5360	107	72-165	
1,4-Dioxane	20000	19500	98	54-147	
Trichloroethene	1000	1130	113	82-122	
Toluene	1000	1120	112	79-136	
trans-1,3-Dichloropropene	1000	1120	112	73-118	
4-Methyl-2-pentanone	5000	5290	106	69-124	
cis-1,3-Dichloropropene	1000	1120	112	75-120	
1,2-Dichlorobenzene	1000	1030	103	83-123	
1,3-Dichlorobenzene	1000	1020	102	83-123	
1,4-Dichlorobenzene	1000	1040	104	84-124	
1,2,4-Trichlorobenzene	1000	1030	103	62-144	
1,2,3-Trichlorobenzene	1000	1020	102	36-207	
1,2-Dichloropropane	1000	1120	112	78-118	
Methylcyclohexane	1000	876	88	80-134	
Tetrachloroethene	1000	1160	116	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J10017.D

Lab ID: LCS 460-212770/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	2000	2130	106	78-126	
1,2-Dibromo-3-Chloropropane	1000	903	90	62-127	
1,1,2,2-Tetrachloroethane	1000	1060	106	86-145	
1,1,2-Trichloroethane	1000	1160	116	77-120	
Dibromochloromethane	1000	1010	101	78-118	
1,2-Dibromoethane	1000	1050	105	76-120	
Dichlorodifluoromethane	1000	1010	101	41-149	
Bromochloromethane	1000	1130	113	81-121	
Bromodichloromethane	1000	1080	108	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D367419.D

Lab ID: LCS 460-212899/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	11.7	59	58-142	
Bromomethane	20.0	17.7	89	59-150	
Vinyl chloride	20.0	15.7	78	65-135	
Chloroethane	20.0	15.0	75	63-150	
Methylene Chloride	20.0	20.5	102	80-126	
Acetone	100	75.6	76	49-150	
Carbon disulfide	20.0	16.1	80	65-141	
Trichlorofluoromethane	20.0	21.2	106	68-145	
1,1-Dichloroethene	20.0	18.8	94	76-127	
1,1-Dichloroethane	20.0	18.5	93	80-130	
trans-1,2-Dichloroethene	20.0	21.6	108	79-129	
cis-1,2-Dichloroethene	20.0	21.6	108	76-124	
Chloroform	20.0	20.6	103	77-122	
2-Butanone	100	85.6	86	58-142	
1,2-Dichloroethane	20.0	21.3	106	76-120	
1,1,1-Trichloroethane	20.0	24.1	120	73-127	
Carbon tetrachloride	20.0	21.6	108	75-125	
Benzene	20.0	18.0	90	80-120	
Bromoform	20.0	20.3	102	68-120	
Styrene	20.0	18.7	93	78-120	
Ethylbenzene	20.0	19.7	98	80-120	
Chlorobenzene	20.0	19.2	96	80-120	
Cyclohexane	20.0	17.9	90	72-137	
Isopropylbenzene	20.0	20.8	104	80-120	
2-Hexanone	100	68.4	68	62-139	
MTBE	20.0	21.1	105	77-128	
Freon TF	20.0	20.5	103	78-136	
Methyl acetate	100	71.1	71	74-138	*
1,4-Dioxane	400	377	94	57-146	
Trichloroethene	20.0	22.8	114	75-120	
Toluene	20.0	19.1	95	80-120	
trans-1,3-Dichloropropene	20.0	15.9	80	72-120	
4-Methyl-2-pentanone	100	64.3	64	60-141	
cis-1,3-Dichloropropene	20.0	16.1	80	77-120	
1,2-Dichlorobenzene	20.0	19.9	99	77-120	
1,3-Dichlorobenzene	20.0	18.5	93	78-120	
1,4-Dichlorobenzene	20.0	18.6	93	77-120	
1,2,4-Trichlorobenzene	20.0	20.2	101	68-120	
1,2,3-Trichlorobenzene	20.0	21.6	108	70-120	
1,2-Dichloropropane	20.0	17.7	88	74-127	
Methylcyclohexane	20.0	21.3	107	74-126	
Tetrachloroethene	20.0	23.8	119	76-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D367419.D

Lab ID: LCS 460-212899/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	39.2	98	78-120	
1,2-Dibromo-3-Chloropropane	20.0	19.6	98	64-129	
1,1,2,2-Tetrachloroethane	20.0	15.9	79	74-124	
1,1,2-Trichloroethane	20.0	16.9	84	80-120	
Dibromochloromethane	20.0	19.4	97	76-120	
1,2-Dibromoethane	20.0	19.7	98	79-120	
Dichlorodifluoromethane	20.0	23.0	115	52-138	
Bromochloromethane	20.0	23.8	119	72-122	
Bromodichloromethane	20.0	20.2	101	77-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J10063.D

Lab ID: LCS 460-212905/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	1000	774	77	52-144	
Bromomethane	1000	897	90	58-154	
Vinyl chloride	1000	869	87	55-154	
Chloroethane	1000	1170	117	66-144	
Methylene Chloride	1000	1020	102	78-118	
Acetone	5000	5640	113	48-177	
Carbon disulfide	1000	1060	106	70-120	
Trichlorofluoromethane	1000	898	90	60-148	
1,1-Dichloroethene	1000	1010	101	68-138	
1,1-Dichloroethane	1000	1090	109	79-119	
trans-1,2-Dichloroethene	1000	1100	110	73-119	
cis-1,2-Dichloroethene	1000	1000	100	78-118	
Chloroform	1000	1010	101	81-122	
2-Butanone	5000	6020	120	70-139	
1,2-Dichloroethane	1000	1020	102	81-121	
1,1,1-Trichloroethane	1000	1060	106	78-118	
Carbon tetrachloride	1000	893	89	64-130	
Benzene	1000	1030	103	71-118	
Bromoform	1000	902	90	76-133	
Styrene	1000	993	99	73-126	
Ethylbenzene	1000	975	98	78-124	
Chlorobenzene	1000	1020	102	69-124	
Cyclohexane	1000	875	87	69-128	
Isopropylbenzene	1000	998	100	80-143	
2-Hexanone	5000	6130	123	62-123	
MTBE	1000	972	97	65-143	
Freon TF	1000	924	92	50-128	
Methyl acetate	5000	4900	98	72-165	
1,4-Dioxane	20000	21900	110	54-147	
Trichloroethene	1000	1070	107	82-122	
Toluene	1000	1040	104	79-136	
trans-1,3-Dichloropropene	1000	1020	102	73-118	
4-Methyl-2-pentanone	5000	4840	97	69-124	
cis-1,3-Dichloropropene	1000	1000	100	75-120	
1,2-Dichlorobenzene	1000	1050	105	83-123	
1,3-Dichlorobenzene	1000	1010	101	83-123	
1,4-Dichlorobenzene	1000	1030	103	84-124	
1,2,4-Trichlorobenzene	1000	1000	100	62-144	
1,2,3-Trichlorobenzene	1000	1040	104	36-207	
1,2-Dichloropropane	1000	1010	101	78-118	
Methylcyclohexane	1000	816	82	80-134	
Tetrachloroethene	1000	1090	109	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J10063.D

Lab ID: LCS 460-212905/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	2000	1960	98	78-126	
1,2-Dibromo-3-Chloropropane	1000	860	86	62-127	
1,1,2,2-Tetrachloroethane	1000	1090	109	86-145	
1,1,2-Trichloroethane	1000	984	98	77-120	
Dibromochloromethane	1000	927	93	78-118	
1,2-Dibromoethane	1000	988	99	76-120	
Dichlorodifluoromethane	1000	751	75	41-149	
Bromochloromethane	1000	1030	103	81-121	
Bromodichloromethane	1000	984	98	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J09939.D

Lab ID: LCSD 460-212315/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	1000	1000	100	4	30	52-144	
Bromomethane	1000	1020	102	1	30	58-154	
Vinyl chloride	1000	1020	102	7	30	55-154	
Chloroethane	1000	1240	124	4	30	66-144	
Methylene Chloride	1000	1040	104	3	30	78-118	
Acetone	5000	5430	109	5	30	48-177	
Carbon disulfide	1000	1080	108	11	30	70-120	
Trichlorofluoromethane	1000	996	100	9	30	60-148	
1,1-Dichloroethene	1000	1040	104	9	30	68-138	
1,1-Dichloroethane	1000	1090	109	7	30	79-119	
trans-1,2-Dichloroethene	1000	1090	109	10	30	73-119	
cis-1,2-Dichloroethene	1000	990	99	0	30	78-118	
Chloroform	1000	1060	106	4	30	81-122	
2-Butanone	5000	5470	109	10	30	70-139	
1,2-Dichloroethane	1000	1070	107	6	30	81-121	
1,1,1-Trichloroethane	1000	1060	106	4	30	78-118	
Carbon tetrachloride	1000	876	88	9	30	64-130	
Benzene	1000	1050	105	2	30	71-118	
Bromoform	1000	855	85	3	30	76-133	
Styrene	1000	1050	105	3	30	73-126	
Ethylbenzene	1000	1010	101	0	30	78-124	
Chlorobenzene	1000	1030	103	1	30	69-124	
Cyclohexane	1000	964	96	11	30	69-128	
Isopropylbenzene	1000	1110	111	5	30	80-143	
2-Hexanone	5000	5780	116	7	30	62-123	
MTBE	1000	1030	103	5	30	65-143	
Freon TF	1000	875	87	11	30	50-128	
Methyl acetate	5000	5110	102	3	30	72-165	
1,4-Dioxane	20000	25500	127	1	30	54-147	
Trichloroethene	1000	1100	110	10	30	82-122	
Toluene	1000	1060	106	3	30	79-136	
trans-1,3-Dichloropropene	1000	1060	106	1	30	73-118	
4-Methyl-2-pentanone	5000	5160	103	3	30	69-124	
cis-1,3-Dichloropropene	1000	1030	103	2	30	75-120	
1,2-Dichlorobenzene	1000	1080	108	4	30	83-123	
1,3-Dichlorobenzene	1000	1090	109	6	30	83-123	
1,4-Dichlorobenzene	1000	1060	106	4	30	84-124	
1,2,4-Trichlorobenzene	1000	1120	112	6	30	62-144	
1,2,3-Trichlorobenzene	1000	1070	107	0	30	36-207	
1,2-Dichloropropane	1000	1060	106	5	30	78-118	
Methylcyclohexane	1000	925	93	11	30	80-134	
Tetrachloroethene	1000	1100	110	5	30	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J09939.D

Lab ID: LCSD 460-212315/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	2000	2120	106	1	30	78-126	
1,2-Dibromo-3-Chloropropane	1000	901	90	8	30	62-127	
1,1,2,2-Tetrachloroethane	1000	992	99	2	30	86-145	
1,1,2-Trichloroethane	1000	1040	104	3	30	77-120	
Dibromochloromethane	1000	945	95	6	30	78-118	
1,2-Dibromoethane	1000	984	98	0	30	76-120	
Dichlorodifluoromethane	1000	931	93	14	30	41-149	
Bromochloromethane	1000	1020	102	2	30	81-121	
Bromodichloromethane	1000	992	99	2	30	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D367284.D

Lab ID: LCSD 460-212326/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	21.0	105	10	30	58-142	
Bromomethane	20.0	21.2	106	11	30	59-150	
Vinyl chloride	20.0	21.0	105	10	30	65-135	
Chloroethane	20.0	20.5	103	9	30	63-150	
Methylene Chloride	20.0	22.1	110	5	30	80-126	
Acetone	100	105	105	21	30	49-150	
Carbon disulfide	20.0	22.2	111	6	30	65-141	
Trichlorofluoromethane	20.0	21.1	105	10	30	68-145	
1,1-Dichloroethene	20.0	23.0	115	7	30	76-127	
1,1-Dichloroethane	20.0	22.1	110	4	30	80-130	
trans-1,2-Dichloroethene	20.0	21.8	109	2	30	79-129	
cis-1,2-Dichloroethene	20.0	21.5	107	1	30	76-124	
Chloroform	20.0	21.7	109	3	30	77-122	
2-Butanone	100	83.1	83	12	30	58-142	
1,2-Dichloroethane	20.0	21.6	108	0	30	76-120	
1,1,1-Trichloroethane	20.0	22.9	115	5	30	73-127	
Carbon tetrachloride	20.0	20.4	102	7	30	75-125	
Benzene	20.0	21.7	108	2	30	80-120	
Bromoform	20.0	19.3	96	0	30	68-120	
Styrene	20.0	20.5	102	1	30	78-120	
Ethylbenzene	20.0	21.1	105	1	30	80-120	
Chlorobenzene	20.0	20.3	102	1	30	80-120	
Cyclohexane	20.0	22.1	110	1	30	72-137	
Isopropylbenzene	20.0	21.8	109	1	30	80-120	
2-Hexanone	100	108	108	0	30	62-139	
MTBE	20.0	22.2	111	1	30	77-128	
Freon TF	20.0	23.5	118	7	30	78-136	
Methyl acetate	100	117	117	6	30	74-138	
1,4-Dioxane	400	423	106	10	30	57-146	
Trichloroethene	20.0	21.1	105	0	30	75-120	
Toluene	20.0	21.2	106	3	30	80-120	
trans-1,3-Dichloropropene	20.0	20.2	101	2	30	72-120	
4-Methyl-2-pentanone	100	100	100	3	30	60-141	
cis-1,3-Dichloropropene	20.0	20.5	102	1	30	77-120	
1,2-Dichlorobenzene	20.0	20.9	104	2	30	77-120	
1,3-Dichlorobenzene	20.0	20.5	103	2	30	78-120	
1,4-Dichlorobenzene	20.0	19.9	99	1	30	77-120	
1,2,4-Trichlorobenzene	20.0	20.1	101	3	30	68-120	
1,2,3-Trichlorobenzene	20.0	19.7	99	0	30	70-120	
1,2-Dichloropropane	20.0	20.6	103	0	30	74-127	
Methylcyclohexane	20.0	22.2	111	4	30	74-126	
Tetrachloroethene	20.0	21.0	105	1	30	76-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D367284.D

Lab ID: LCSD 460-212326/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	40.0	42.0	105	2	30	78-120	
1,2-Dibromo-3-Chloropropane	20.0	18.8	94	6	30	64-129	
1,1,2,2-Tetrachloroethane	20.0	20.1	100	2	30	74-124	
1,1,2-Trichloroethane	20.0	19.8	99	0	30	80-120	
Dibromochloromethane	20.0	18.9	94	4	30	76-120	
1,2-Dibromoethane	20.0	20.0	100	3	30	79-120	
Dichlorodifluoromethane	20.0	23.1	116	10	30	52-138	
Bromochloromethane	20.0	21.7	109	4	30	72-122	
Bromodichloromethane	20.0	20.0	100	1	30	77-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D367312.D

Lab ID: LCSD 460-212478/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	13.9	70	16	30	58-142	
Bromomethane	20.0	18.1	91	12	30	59-150	
Vinyl chloride	20.0	18.2	91	10	30	65-135	
Chloroethane	20.0	18.3	92	15	30	63-150	
Methylene Chloride	20.0	20.1	100	2	30	80-126	
Acetone	100	75.6	76	8	30	49-150	
Carbon disulfide	20.0	18.6	93	7	30	65-141	
Trichlorofluoromethane	20.0	18.0	90	11	30	68-145	
1,1-Dichloroethene	20.0	19.9	100	7	30	76-127	
1,1-Dichloroethane	20.0	19.3	96	3	30	80-130	
trans-1,2-Dichloroethene	20.0	19.1	95	4	30	79-129	
cis-1,2-Dichloroethene	20.0	18.6	93	1	30	76-124	
Chloroform	20.0	18.9	94	0	30	77-122	
2-Butanone	100	78.3	78	6	30	58-142	
1,2-Dichloroethane	20.0	20.2	101	6	30	76-120	
1,1,1-Trichloroethane	20.0	20.6	103	0	30	73-127	
Carbon tetrachloride	20.0	17.9	90	8	30	75-125	
Benzene	20.0	18.2	91	6	30	80-120	
Bromoform	20.0	15.9	80	3	30	68-120	
Styrene	20.0	18.1	90	1	30	78-120	
Ethylbenzene	20.0	18.2	91	0	30	80-120	
Chlorobenzene	20.0	17.3	87	0	30	80-120	
Cyclohexane	20.0	20.5	103	2	30	72-137	
Isopropylbenzene	20.0	18.8	94	1	30	80-120	
2-Hexanone	100	105	105	4	30	62-139	
MTBE	20.0	21.5	108	0	30	77-128	
Freon TF	20.0	20.8	104	8	30	78-136	
Methyl acetate	100	106	106	3	30	74-138	
1,4-Dioxane	400	295	74	8	30	57-146	
Trichloroethene	20.0	18.4	92	1	30	75-120	
Toluene	20.0	18.1	90	2	30	80-120	
trans-1,3-Dichloropropene	20.0	16.7	83	3	30	72-120	
4-Methyl-2-pentanone	100	95.5	96	2	30	60-141	
cis-1,3-Dichloropropene	20.0	16.4	82	3	30	77-120	
1,2-Dichlorobenzene	20.0	18.5	92	1	30	77-120	
1,3-Dichlorobenzene	20.0	17.7	88	1	30	78-120	
1,4-Dichlorobenzene	20.0	17.2	86	1	30	77-120	
1,2,4-Trichlorobenzene	20.0	17.9	89	2	30	68-120	
1,2,3-Trichlorobenzene	20.0	18.2	91	5	30	70-120	
1,2-Dichloropropane	20.0	19.0	95	3	30	74-127	
Methylcyclohexane	20.0	19.5	97	3	30	74-126	
Tetrachloroethene	20.0	17.5	88	3	30	76-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D367312.D

Lab ID: LCSD 460-212478/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	40.0	36.5	91	1	30	78-120	
1,2-Dibromo-3-Chloropropane	20.0	17.9	89	12	30	64-129	
1,1,2,2-Tetrachloroethane	20.0	19.1	95	3	30	74-124	
1,1,2-Trichloroethane	20.0	17.3	86	5	30	80-120	
Dibromochloromethane	20.0	16.1	80	2	30	76-120	
1,2-Dibromoethane	20.0	17.7	89	3	30	79-120	
Dichlorodifluoromethane	20.0	20.5	102	9	30	52-138	
Bromochloromethane	20.0	18.9	95	1	30	72-122	
Bromodichloromethane	20.0	17.6	88	0	30	77-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D367336.D

Lab ID: LCSD 460-212576/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	15.5	78	7	30	58-142	
Bromomethane	20.0	19.1	95	10	30	59-150	
Vinyl chloride	20.0	19.6	98	9	30	65-135	
Chloroethane	20.0	18.6	93	12	30	63-150	
Methylene Chloride	20.0	21.4	107	3	30	80-126	
Acetone	100	93.5	94	27	30	49-150	
Carbon disulfide	20.0	20.3	102	1	30	65-141	
Trichlorofluoromethane	20.0	19.6	98	7	30	68-145	
1,1-Dichloroethene	20.0	22.2	111	0	30	76-127	
1,1-Dichloroethane	20.0	21.2	106	3	30	80-130	
trans-1,2-Dichloroethene	20.0	21.6	108	2	30	79-129	
cis-1,2-Dichloroethene	20.0	20.8	104	5	30	76-124	
Chloroform	20.0	21.4	107	0	30	77-122	
2-Butanone	100	82.3	82	4	30	58-142	
1,2-Dichloroethane	20.0	22.4	112	1	30	76-120	
1,1,1-Trichloroethane	20.0	22.5	113	3	30	73-127	
Carbon tetrachloride	20.0	21.0	105	12	30	75-125	
Benzene	20.0	21.3	106	0	30	80-120	
Bromoform	20.0	18.0	90	4	30	68-120	
Styrene	20.0	20.1	100	0	30	78-120	
Ethylbenzene	20.0	20.2	101	2	30	80-120	
Chlorobenzene	20.0	19.5	98	0	30	80-120	
Cyclohexane	20.0	22.0	110	3	30	72-137	
Isopropylbenzene	20.0	21.0	105	4	30	80-120	
2-Hexanone	100	110	110	1	30	62-139	
MTBE	20.0	22.7	114	1	30	77-128	
Freon TF	20.0	22.2	111	1	30	78-136	
Methyl acetate	100	115	115	7	30	74-138	
1,4-Dioxane	400	319	80	16	30	57-146	
Trichloroethene	20.0	21.4	107	3	30	75-120	
Toluene	20.0	20.5	103	2	30	80-120	
trans-1,3-Dichloropropene	20.0	18.8	94	3	30	72-120	
4-Methyl-2-pentanone	100	101	101	2	30	60-141	
cis-1,3-Dichloropropene	20.0	18.9	94	1	30	77-120	
1,2-Dichlorobenzene	20.0	20.5	102	2	30	77-120	
1,3-Dichlorobenzene	20.0	19.4	97	2	30	78-120	
1,4-Dichlorobenzene	20.0	19.0	95	1	30	77-120	
1,2,4-Trichlorobenzene	20.0	19.5	97	1	30	68-120	
1,2,3-Trichlorobenzene	20.0	19.3	96	4	30	70-120	
1,2-Dichloropropane	20.0	21.2	106	2	30	74-127	
Methylcyclohexane	20.0	20.9	104	4	30	74-126	
Tetrachloroethene	20.0	19.9	100	2	30	76-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D367336.D

Lab ID: LCSD 460-212576/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	40.0	40.3	101	4	30	78-120	
1,2-Dibromo-3-Chloropropane	20.0	17.2	86	8	30	64-129	
1,1,2,2-Tetrachloroethane	20.0	20.1	101	3	30	74-124	
1,1,2-Trichloroethane	20.0	18.7	93	3	30	80-120	
Dibromochloromethane	20.0	17.6	88	2	30	76-120	
1,2-Dibromoethane	20.0	20.2	101	1	30	79-120	
Dichlorodifluoromethane	20.0	21.9	110	10	30	52-138	
Bromochloromethane	20.0	21.0	105	2	30	72-122	
Bromodichloromethane	20.0	20.1	100	1	30	77-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D367420.D

Lab ID: LCSD 460-212899/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	13.0	65	11	30	58-142	
Bromomethane	20.0	19.2	96	8	30	59-150	
Vinyl chloride	20.0	17.3	87	10	30	65-135	
Chloroethane	20.0	15.7	79	5	30	63-150	
Methylene Chloride	20.0	21.9	110	7	30	80-126	
Acetone	100	80.8	81	7	30	49-150	
Carbon disulfide	20.0	17.2	86	7	30	65-141	
Trichlorofluoromethane	20.0	22.6	113	7	30	68-145	
1,1-Dichloroethene	20.0	20.3	102	8	30	76-127	
1,1-Dichloroethane	20.0	19.9	100	7	30	80-130	
trans-1,2-Dichloroethene	20.0	23.3	117	8	30	79-129	
cis-1,2-Dichloroethene	20.0	22.6	113	4	30	76-124	
Chloroform	20.0	22.5	113	9	30	77-122	
2-Butanone	100	103	103	19	30	58-142	
1,2-Dichloroethane	20.0	22.8	114	7	30	76-120	
1,1,1-Trichloroethane	20.0	24.6	123	2	30	73-127	
Carbon tetrachloride	20.0	22.6	113	4	30	75-125	
Benzene	20.0	19.3	96	7	30	80-120	
Bromoform	20.0	22.9	115	12	30	68-120	
Styrene	20.0	20.2	101	8	30	78-120	
Ethylbenzene	20.0	20.5	103	4	30	80-120	
Chlorobenzene	20.0	20.7	103	7	30	80-120	
Cyclohexane	20.0	19.2	96	7	30	72-137	
Isopropylbenzene	20.0	21.4	107	3	30	80-120	
2-Hexanone	100	72.8	73	6	30	62-139	
MTBE	20.0	21.9	109	4	30	77-128	
Freon TF	20.0	21.4	107	4	30	78-136	
Methyl acetate	100	87.5	88	21	30	74-138	
1,4-Dioxane	400	386	96	2	30	57-146	
Trichloroethene	20.0	23.5	117	3	30	75-120	
Toluene	20.0	20.3	101	6	30	80-120	
trans-1,3-Dichloropropene	20.0	17.5	87	9	30	72-120	
4-Methyl-2-pentanone	100	70.3	70	9	30	60-141	
cis-1,3-Dichloropropene	20.0	17.3	87	7	30	77-120	
1,2-Dichlorobenzene	20.0	21.2	106	6	30	77-120	
1,3-Dichlorobenzene	20.0	20.5	102	10	30	78-120	
1,4-Dichlorobenzene	20.0	19.9	99	7	30	77-120	
1,2,4-Trichlorobenzene	20.0	21.7	108	7	30	68-120	
1,2,3-Trichlorobenzene	20.0	21.5	107	1	30	70-120	
1,2-Dichloropropane	20.0	18.1	90	2	30	74-127	
Methylcyclohexane	20.0	22.4	112	5	30	74-126	
Tetrachloroethene	20.0	24.9	125	5	30	76-120	*

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D367420.D

Lab ID: LCSD 460-212899/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	40.0	40.9	102	4	30	78-120	
1,2-Dibromo-3-Chloropropane	20.0	19.2	96	2	30	64-129	
1,1,2,2-Tetrachloroethane	20.0	16.2	81	2	30	74-124	
1,1,2-Trichloroethane	20.0	18.0	90	7	30	80-120	
Dibromochloromethane	20.0	20.5	103	5	30	76-120	
1,2-Dibromoethane	20.0	19.9	99	1	30	79-120	
Dichlorodifluoromethane	20.0	24.6	123	7	30	52-138	
Bromochloromethane	20.0	25.5	128	7	30	72-122	*
Bromodichloromethane	20.0	21.3	107	5	30	77-122	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J10064.D

Lab ID: LCSD 460-212905/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	1000	813	81	5	30	52-144	
Bromomethane	1000	891	89	1	30	58-154	
Vinyl chloride	1000	918	92	5	30	55-154	
Chloroethane	1000	1210	121	3	30	66-144	
Methylene Chloride	1000	1060	106	4	30	78-118	
Acetone	5000	5610	112	1	30	48-177	
Carbon disulfide	1000	1080	108	2	30	70-120	
Trichlorofluoromethane	1000	913	91	2	30	60-148	
1,1-Dichloroethene	1000	1030	103	3	30	68-138	
1,1-Dichloroethane	1000	1050	105	3	30	79-119	
trans-1,2-Dichloroethene	1000	1080	108	2	30	73-119	
cis-1,2-Dichloroethene	1000	1040	104	3	30	78-118	
Chloroform	1000	1050	105	4	30	81-122	
2-Butanone	5000	6080	122	1	30	70-139	
1,2-Dichloroethane	1000	1040	104	2	30	81-121	
1,1,1-Trichloroethane	1000	1050	105	1	30	78-118	
Carbon tetrachloride	1000	890	89	0	30	64-130	
Benzene	1000	1040	104	1	30	71-118	
Bromoform	1000	843	84	7	30	76-133	
Styrene	1000	1010	101	1	30	73-126	
Ethylbenzene	1000	965	96	1	30	78-124	
Chlorobenzene	1000	1010	101	2	30	69-124	
Cyclohexane	1000	896	90	2	30	69-128	
Isopropylbenzene	1000	1010	101	1	30	80-143	
2-Hexanone	5000	6270	125	2	30	62-123	*
MTBE	1000	987	99	2	30	65-143	
Freon TF	1000	949	95	3	30	50-128	
Methyl acetate	5000	4880	98	0	30	72-165	
1,4-Dioxane	20000	24700	124	12	30	54-147	
Trichloroethene	1000	1070	107	0	30	82-122	
Toluene	1000	1040	104	0	30	79-136	
trans-1,3-Dichloropropene	1000	1020	102	0	30	73-118	
4-Methyl-2-pentanone	5000	4790	96	1	30	69-124	
cis-1,3-Dichloropropene	1000	993	99	1	30	75-120	
1,2-Dichlorobenzene	1000	1010	101	4	30	83-123	
1,3-Dichlorobenzene	1000	1000	100	1	30	83-123	
1,4-Dichlorobenzene	1000	1000	100	3	30	84-124	
1,2,4-Trichlorobenzene	1000	1000	100	0	30	62-144	
1,2,3-Trichlorobenzene	1000	1010	101	2	30	36-207	
1,2-Dichloropropane	1000	1060	106	5	30	78-118	
Methylcyclohexane	1000	848	85	4	30	80-134	
Tetrachloroethene	1000	1080	108	0	30	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J10064.D

Lab ID: LCSD 460-212905/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	2000	2000	100	2	30	78-126	
1,2-Dibromo-3-Chloropropane	1000	836	84	3	30	62-127	
1,1,2,2-Tetrachloroethane	1000	1040	104	4	30	86-145	
1,1,2-Trichloroethane	1000	978	98	1	30	77-120	
Dibromochloromethane	1000	911	91	2	30	78-118	
1,2-Dibromoethane	1000	976	98	1	30	76-120	
Dichlorodifluoromethane	1000	766	77	2	30	41-149	
Bromochloromethane	1000	1070	107	4	30	81-121	
Bromodichloromethane	1000	1000	100	2	30	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J09921.D

Lab ID: 460-72174-11 MS Client ID: PMP-5SW-WT MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Chloromethane	1720	8.3 U	1760	102	52-144	
Bromomethane	1720	16 U	1280	74	58-164	
Vinyl chloride	1720	12 U	1810	105	55-154	
Chloroethane	1720	15 U	2600	151	66-144	F1
Methylene Chloride	1720	16 U	1810	105	78-118	
Acetone	8610	230 U	10100	117	48-177	
Carbon disulfide	1720	11 U	1790	104	70-120	
Trichlorofluoromethane	1720	13 U	1770	102	60-148	
1,1-Dichloroethene	1720	7.6 U	1780	103	68-138	
1,1-Dichloroethane	1720	11 U	1830	106	79-119	
trans-1,2-Dichloroethene	1720	11 U	1810	105	73-119	
cis-1,2-Dichloroethene	1720	15 U	1770	103	78-118	
Chloroform	1720	6.8 U	1820	105	81-122	
2-Butanone	8610	200 U	11000	127	70-139	
1,2-Dichloroethane	1720	16 U	1760	102	81-121	
1,1,1-Trichloroethane	1720	5.4 U	1770	103	78-118	
Carbon tetrachloride	1720	4.9 U	1510	87	64-130	
Benzene	1720	7.1 U	1840	107	71-118	
Bromoform	1720	17 U	1210	70	76-133	F1
Styrene	1720	10 U	1800	104	73-126	
Ethylbenzene	1720	8.3 U	2020	117	78-124	
Chlorobenzene	1720	9.5 U	1850	107	69-124	
Cyclohexane	1720	14 U	1750	102	69-128	
Isopropylbenzene	1720	23 J	2080	119	80-143	
2-Hexanone	8610	43 U	10900	127	62-123	F1
MTBE	1720	12 U	1640	95	65-143	
Freon TF	1720	7.1 U	1680	97	50-128	
Methyl acetate	8610	29 U	8280	96	72-165	
1,4-Dioxane	34500	3100 U	24100	70	54-147	
Trichloroethene	1720	7.9 U	1800	104	82-122	
Toluene	1720	13 U	1870	108	79-136	
trans-1,3-Dichloropropene	1720	21 U	1640	95	73-118	
4-Methyl-2-pentanone	8610	85 U	8270	96	69-124	
cis-1,3-Dichloropropene	1720	16 U	1690	98	75-120	
1,2-Dichlorobenzene	1720	320	2150	106	83-123	
1,3-Dichlorobenzene	1720	12 U	2160	125	83-123	F1
1,4-Dichlorobenzene	1720	1600	3390	106	84-124	
1,2,4-Trichlorobenzene	1720	970	2860	110	62-144	
1,2,3-Trichlorobenzene	1720	1200	3140	111	36-207	
1,2-Dichloropropane	1720	7.4 U	1760	102	78-118	
Methylcyclohexane	1720	12 U	2010	117	80-134	
Tetrachloroethene	1720	8.4 U	2000	116	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J09921.D

Lab ID: 460-72174-11 MS Client ID: PMP-5SW-WT MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Xylenes, Total	3450	300	4310	116	78-126	
1,2-Dibromo-3-Chloropropane	1720	34 U	1530	89	62-127	
1,1,2,2-Tetrachloroethane	1720	14 U	1660	97	86-145	
1,1,2-Trichloroethane	1720	16 U	1630	95	77-120	
Dibromochloromethane	1720	17 U	1480	86	78-118	
1,2-Dibromoethane	1720	24 U	1710	99	76-120	
Dichlorodifluoromethane	1720	19 U	1710	99	41-149	
Bromochloromethane	1720	24 U	1830	106	81-121	
Bromodichloromethane	1720	11 U	1630	95	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J09976.D

Lab ID: 460-72174-26 MS Client ID: PMP-28SW-WT MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Chloromethane	2120	10 U	2100	99	52-144	
Bromomethane	2120	19 U	578	27	58-164	F1
Vinyl chloride	2120	15 U	2290	108	55-154	
Chloroethane	2120	18 U	2210	104	66-144	
Methylene Chloride	2120	19 U	2210	104	78-118	
Acetone	10600	280 U	12200	115	48-177	
Carbon disulfide	2120	13 U	2200	104	70-120	
Trichlorofluoromethane	2120	15 U	2010	95	60-148	
1,1-Dichloroethene	2120	9.4 U	2220	105	68-138	
1,1-Dichloroethane	2120	14 U	2330	110	79-119	
trans-1,2-Dichloroethene	2120	14 U	2290	108	73-119	
cis-1,2-Dichloroethene	2120	19 U	2110	99	78-118	
Chloroform	2120	8.3 U	2190	103	81-122	
2-Butanone	10600	250 U	12400	117	70-139	
1,2-Dichloroethane	2120	20 U	2180	103	81-121	
1,1,1-Trichloroethane	2120	6.6 U	2210	104	78-118	
Carbon tetrachloride	2120	6.0 U	1750	82	64-130	
Benzene	2120	8.8 U	2280	108	71-118	
Bromoform	2120	20 U	1410	67	76-133	F1
Styrene	2120	13 U	2100	99	73-126	
Ethylbenzene	2120	10 U	2160	102	78-124	
Chlorobenzene	2120	12 U	2210	104	69-124	
Cyclohexane	2120	17 U	2100	99	69-128	
Isopropylbenzene	2120	8.1 U	2400	113	80-143	
2-Hexanone	10600	53 U	12500	117	62-123	
MTBE	2120	15 U	2060	97	65-143	
Freon TF	2120	8.7 U	2240	106	50-128	
Methyl acetate	10600	36 U	10200	96	72-165	
1,4-Dioxane	42400	3800 U	27200	64	54-147	
Trichloroethene	2120	23 J	2320	108	82-122	
Toluene	2120	16 U	2260	106	79-136	
trans-1,3-Dichloropropene	2120	26 U	2050	97	73-118	
4-Methyl-2-pentanone	10600	100 U	9720	92	69-124	
cis-1,3-Dichloropropene	2120	20 U	2000	95	75-120	
1,2-Dichlorobenzene	2120	22 U	2250	106	83-123	
1,3-Dichlorobenzene	2120	14 U	2220	105	83-123	
1,4-Dichlorobenzene	2120	25 U	2300	108	84-124	
1,2,4-Trichlorobenzene	2120	3700	6120	112	62-144	
1,2,3-Trichlorobenzene	2120	810	2860	96	36-207	
1,2-Dichloropropane	2120	9.1 U	2180	103	78-118	
Methylcyclohexane	2120	14 U	2370	112	80-134	
Tetrachloroethene	2120	10 U	2390	113	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J09976.D

Lab ID: 460-72174-26 MS Client ID: PMP-28SW-WT MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Xylenes, Total	4240	38 U	4390	103	78-126	
1,2-Dibromo-3-Chloropropane	2120	42 U	1450	69	62-127	
1,1,2,2-Tetrachloroethane	2120	17 U	2080	98	86-145	
1,1,2-Trichloroethane	2120	20 U	2140	101	77-120	
Dibromochloromethane	2120	21 U	1760	83	78-118	
1,2-Dibromoethane	2120	29 U	1930	91	76-120	
Dichlorodifluoromethane	2120	23 U	1970	93	41-149	
Bromochloromethane	2120	29 U	2190	103	81-121	
Bromodichloromethane	2120	13 U	1950	92	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J10032.D

Lab ID: 460-72284-A-9-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Chloromethane	2480	12 U	2270	91	52-144	
Bromomethane	2480	22 U	730	29	58-164	F1
Vinyl chloride	2480	18 U	2330	94	55-154	
Chloroethane	2480	21 U	1830	74	66-144	
Methylene Chloride	2480	23 U	2710	109	78-118	
Acetone	12400	330 U	13600	110	48-177	
Carbon disulfide	2480	16 U	2350	95	70-120	
Trichlorofluoromethane	2480	18 U	1710	69	60-148	
1,1-Dichloroethene	2480	11 U	2230	90	68-138	
1,1-Dichloroethane	2480	16 U	2500	101	79-119	
trans-1,2-Dichloroethene	2480	16 U	2460	99	73-119	
cis-1,2-Dichloroethene	2480	22 U	2420	97	78-118	
Chloroform	2480	9.7 U	843	34	81-122	F1
2-Butanone	12400	290 U	13000	104	70-139	
1,2-Dichloroethane	2480	23 U	2300	93	81-121	
1,1,1-Trichloroethane	2480	7.7 U	2310	93	78-118	
Carbon tetrachloride	2480	7.1 U	1640	66	64-130	
Benzene	2480	24000	32300	329	71-118	4
Bromoform	2480	24 U	1680	68	76-133	F1
Styrene	2480	15 U	2570	103	73-126	
Ethylbenzene	2480	9700	14300	189	78-124	F1
Chlorobenzene	2480	14 U	2790	112	69-124	
Cyclohexane	2480	20 U	55200	2226	69-128	F1
Isopropylbenzene	2480	19000	21700	121	80-143	4
2-Hexanone	12400	62 U	15300	123	62-123	
MTBE	2480	17 U	2400	97	65-143	
Freon TF	2480	10 U	1410	57	50-128	
Methyl acetate	12400	42 U	130000	1045	72-165	F1
1,4-Dioxane	49600	4500 U	32300	65	54-147	
Trichloroethene	2480	11 U	2690	109	82-122	
Toluene	2480	9800	14900	206	79-136	F1
trans-1,3-Dichloropropene	2480	30 U	2230	90	73-118	
4-Methyl-2-pentanone	12400	120 U	14600	118	69-124	
cis-1,3-Dichloropropene	2480	23 U	2240	90	75-120	
1,2-Dichlorobenzene	2480	25 U	2440	98	83-123	
1,3-Dichlorobenzene	2480	17 U	2440	98	83-123	
1,4-Dichlorobenzene	2480	29 U	2460	99	84-124	
1,2,4-Trichlorobenzene	2480	42 U	2380	96	62-144	
1,2,3-Trichlorobenzene	2480	63 U	2330	94	36-207	
1,2-Dichloropropane	2480	11 U	2550	103	78-118	
Methylcyclohexane	2480	57000	45300	-463	80-134	4
Tetrachloroethene	2480	12 U	2550	103	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J10032.D

Lab ID: 460-72284-A-9-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Xylenes, Total	4960	20000	30500	214	78-126	4
1,2-Dibromo-3-Chloropropane	2480	50 U	2110	85	62-127	
1,1,2,2-Tetrachloroethane	2480	20 U	5680	229	86-145	F1
1,1,2-Trichloroethane	2480	23 U	1560	63	77-120	F1
Dibromochloromethane	2480	25 U	1890	76	78-118	F1
1,2-Dibromoethane	2480	34 U	145 J	6	76-120	F1
Dichlorodifluoromethane	2480	27 U	1460	59	41-149	
Bromochloromethane	2480	34 U	2360	95	81-121	
Bromodichloromethane	2480	16 U	3850	155	78-118	F1

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A00593.D

Lab ID: 460-72133-A-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chloromethane	200	0.10 U	165	83	42-150	
Bromomethane	200	0.18 U	190	95	28-150	
Vinyl chloride	200	0.14 U	184	92	61-136	
Chloroethane	200	0.17 U	181	91	49-150	
Methylene Chloride	200	0.18 U	191	95	77-124	
Acetone	1000	2.7 U	860	86	40-150	
Carbon disulfide	200	0.13 U	183	91	51-137	
Trichlorofluoromethane	200	0.15 U	204	102	43-150	
1,1-Dichloroethene	200	0.090 U	201	101	62-128	
1,1-Dichloroethane	200	0.13 U	204	102	74-128	
trans-1,2-Dichloroethene	200	0.13 U	200	100	73-124	
cis-1,2-Dichloroethene	200	0.18 U	190	95	78-121	
Chloroform	200	0.080 U	194	97	81-123	
2-Butanone	1000	2.3 U	770	77	64-141	
1,2-Dichloroethane	200	0.19 U	204	102	74-128	
1,1,1-Trichloroethane	200	0.060 U	194	97	72-126	
Carbon tetrachloride	200	0.060 U	201	100	63-135	
Benzene	200	0.080 U	200	100	76-121	
Bromoform	200	0.19 U	146	73	54-138	
Styrene	200	0.12 U	180	90	73-124	
Ethylbenzene	200	0.10 U	195	97	74-120	
Chlorobenzene	200	0.11 U	187	93	77-120	
Cyclohexane	200	0.16 U	220	110	35-150	
Isopropylbenzene	200	0.080 U	163	82	75-125	
2-Hexanone	1000	0.50 U	993	99	53-138	
MTBE	200	0.76 J	198	99	73-123	
Freon TF	200	0.080 U	238	119	42-145	
Methyl acetate	1000	0.34 U	1110	111	43-148	
1,4-Dioxane	4000	36 U	2220	56	43-150	
Trichloroethene	200	0.090 U	202	101	74-120	
Toluene	200	0.15 U	200	100	78-120	
trans-1,3-Dichloropropene	200	0.24 U	182	91	71-121	
4-Methyl-2-pentanone	1000	0.99 U	1080	108	55-141	
cis-1,3-Dichloropropene	200	0.18 U	180	90	72-122	
1,2-Dichlorobenzene	200	0.21 U	192	96	76-120	
1,3-Dichlorobenzene	200	0.14 U	193	96	75-120	
1,4-Dichlorobenzene	200	0.23 U	191	96	75-120	
1,2,4-Trichlorobenzene	200	0.34 U	183	92	66-126	
1,2,3-Trichlorobenzene	200	0.51 U	185	93	68-126	
1,2-Dichloropropane	200	0.090 U	190	95	75-122	
Methylcyclohexane	200	0.14 U	208	104	34-150	
Tetrachloroethene	200	0.10 U	209	105	67-129	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A00593.D

Lab ID: 460-72133-A-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Xylenes, Total	400	0.13 U	395	99	73-122	
1,2-Dibromo-3-Chloropropane	200	0.40 U	208	104	58-126	
1,1,2,2-Tetrachloroethane	200	0.16 U	201	100	60-130	
1,1,2-Trichloroethane	200	0.19 U	195	97	73-120	
Dibromochloromethane	200	0.20 U	164	82	69-126	
1,2-Dibromoethane	200	0.28 U	196	98	75-120	
Dichlorodifluoromethane	200	0.22 U	144	72	14-150	
Bromochloromethane	200	0.27 U	189	95	73-130	
Bromodichloromethane	200	0.12 U	168	84	77-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J09922.D

Lab ID: 460-72174-11 MSD Client ID: PMP-5SW-WT MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	1720	1880	109	7	30	52-144	
Bromomethane	1720	617	36	70	30	58-164	F1 F2
Vinyl chloride	1720	1890	109	4	30	55-154	
Chloroethane	1720	2170	126	18	30	66-144	
Methylene Chloride	1720	1780	103	2	30	78-118	
Acetone	8610	10000	116	1	30	48-177	
Carbon disulfide	1720	1890	110	5	30	70-120	
Trichlorofluoromethane	1720	1700	99	4	30	60-148	
1,1-Dichloroethene	1720	1800	104	1	30	68-138	
1,1-Dichloroethane	1720	1860	108	2	30	79-119	
trans-1,2-Dichloroethene	1720	2020	117	11	30	73-119	
cis-1,2-Dichloroethene	1720	1820	106	3	30	78-118	
Chloroform	1720	1830	106	1	30	81-122	
2-Butanone	8610	10100	117	9	30	70-139	
1,2-Dichloroethane	1720	1870	108	6	30	81-121	
1,1,1-Trichloroethane	1720	1820	105	3	30	78-118	
Carbon tetrachloride	1720	1450	84	4	30	64-130	
Benzene	1720	1900	110	3	30	71-118	
Bromoform	1720	1310	76	8	30	76-133	
Styrene	1720	1790	104	0	30	73-126	
Ethylbenzene	1720	1770	103	13	30	78-124	
Chlorobenzene	1720	1850	107	0	30	69-124	
Cyclohexane	1720	1730	100	2	30	69-128	
Isopropylbenzene	1720	2070	119	1	30	80-143	
2-Hexanone	8610	10100	117	8	30	62-123	
MTBE	1720	1710	99	4	30	65-143	
Freon TF	1720	1560	90	7	30	50-128	
Methyl acetate	8610	8490	99	3	30	72-165	
1,4-Dioxane	34500	29800	86	21	30	54-147	
Trichloroethene	1720	2000	116	11	30	82-122	
Toluene	1720	1930	112	3	30	79-136	
trans-1,3-Dichloropropene	1720	1710	99	4	30	73-118	
4-Methyl-2-pentanone	8610	8270	96	0	30	69-124	
cis-1,3-Dichloropropene	1720	1770	103	5	30	75-120	
1,2-Dichlorobenzene	1720	2110	104	2	30	83-123	
1,3-Dichlorobenzene	1720	2210	129	3	30	83-123	F1
1,4-Dichlorobenzene	1720	3450	110	2	30	84-124	
1,2,4-Trichlorobenzene	1720	2910	113	2	30	62-144	
1,2,3-Trichlorobenzene	1720	3310	121	5	30	36-207	
1,2-Dichloropropane	1720	1830	106	3	30	78-118	
Methylcyclohexane	1720	1940	113	3	30	80-134	
Tetrachloroethene	1720	2050	119	3	30	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J09922.D

Lab ID: 460-72174-11 MSD Client ID: PMP-5SW-WT MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	3450	3990	107	8	30	78-126	
1,2-Dibromo-3-Chloropropane	1720	1470	85	4	30	62-127	
1,1,2,2-Tetrachloroethane	1720	1800	105	8	30	86-145	
1,1,2-Trichloroethane	1720	1780	103	9	30	77-120	
Dibromochloromethane	1720	1470	85	1	30	78-118	
1,2-Dibromoethane	1720	1680	98	2	30	76-120	
Dichlorodifluoromethane	1720	1810	105	6	30	41-149	
Bromochloromethane	1720	1770	103	3	30	81-121	
Bromodichloromethane	1720	1670	97	2	30	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J09977.D

Lab ID: 460-72174-26 MSD Client ID: PMP-28SW-WT MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	2120	2210	104	5	30	52-144	
Bromomethane	2120	647	30	11	30	58-164	F1
Vinyl chloride	2120	2300	108	0	30	55-154	
Chloroethane	2120	2840	134	25	30	66-144	
Methylene Chloride	2120	2250	106	2	30	78-118	
Acetone	10600	12900	122	5	30	48-177	
Carbon disulfide	2120	2350	111	6	30	70-120	
Trichlorofluoromethane	2120	2080	98	3	30	60-148	
1,1-Dichloroethene	2120	2390	113	7	30	68-138	
1,1-Dichloroethane	2120	2290	108	2	30	79-119	
trans-1,2-Dichloroethene	2120	2360	111	3	30	73-119	
cis-1,2-Dichloroethene	2120	2280	108	8	30	78-118	
Chloroform	2120	2250	106	3	30	81-122	
2-Butanone	10600	14000	132	12	30	70-139	
1,2-Dichloroethane	2120	2190	103	1	30	81-121	
1,1,1-Trichloroethane	2120	2180	103	1	30	78-118	
Carbon tetrachloride	2120	1860	88	6	30	64-130	
Benzene	2120	2310	109	1	30	71-118	
Bromoform	2120	1520	72	7	30	76-133	F1
Styrene	2120	2140	101	2	30	73-126	
Ethylbenzene	2120	2260	107	5	30	78-124	
Chlorobenzene	2120	2190	103	1	30	69-124	
Cyclohexane	2120	2140	101	2	30	69-128	
Isopropylbenzene	2120	2430	115	2	30	80-143	
2-Hexanone	10600	13100	124	5	30	62-123	F1
MTBE	2120	1990	94	3	30	65-143	
Freon TF	2120	2220	105	1	30	50-128	
Methyl acetate	10600	10200	96	1	30	72-165	
1,4-Dioxane	42400	43200	102	45	30	54-147	F2
Trichloroethene	2120	2400	112	4	30	82-122	
Toluene	2120	2280	107	1	30	79-136	
trans-1,3-Dichloropropene	2120	1990	94	3	30	73-118	
4-Methyl-2-pentanone	10600	9550	90	2	30	69-124	
cis-1,3-Dichloropropene	2120	2060	97	3	30	75-120	
1,2-Dichlorobenzene	2120	2330	110	4	30	83-123	
1,3-Dichlorobenzene	2120	2390	112	7	30	83-123	
1,4-Dichlorobenzene	2120	2350	111	2	30	84-124	
1,2,4-Trichlorobenzene	2120	6620	136	8	30	62-144	
1,2,3-Trichlorobenzene	2120	3240	114	12	30	36-207	
1,2-Dichloropropane	2120	2350	111	7	30	78-118	
Methylcyclohexane	2120	2380	112	0	30	80-134	
Tetrachloroethene	2120	2450	115	2	30	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J09977.D

Lab ID: 460-72174-26 MSD Client ID: PMP-28SW-WT MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	4240	4530	107	3	30	78-126	
1,2-Dibromo-3-Chloropropane	2120	1660	78	13	30	62-127	
1,1,2,2-Tetrachloroethane	2120	2150	101	3	30	86-145	
1,1,2-Trichloroethane	2120	2160	102	1	30	77-120	
Dibromochloromethane	2120	1770	83	0	30	78-118	
1,2-Dibromoethane	2120	2030	96	5	30	76-120	
Dichlorodifluoromethane	2120	1960	92	1	30	41-149	
Bromochloromethane	2120	2200	104	1	30	81-121	
Bromodichloromethane	2120	2000	94	3	30	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J10033.D

Lab ID: 460-72284-A-9-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	2480	2310	93	2	30	52-144	
Bromomethane	2480	731	29	0	30	58-164	F1
Vinyl chloride	2480	2160	87	8	30	55-154	
Chloroethane	2480	2650	107	37	30	66-144	F2
Methylene Chloride	2480	2850	115	5	30	78-118	
Acetone	12400	14600	118	7	30	48-177	
Carbon disulfide	2480	2350	95	0	30	70-120	
Trichlorofluoromethane	2480	1620	65	5	30	60-148	
1,1-Dichloroethene	2480	2230	90	0	30	68-138	
1,1-Dichloroethane	2480	2500	101	0	30	79-119	
trans-1,2-Dichloroethene	2480	2350	95	5	30	73-119	
cis-1,2-Dichloroethene	2480	2300	93	5	30	78-118	
Chloroform	2480	964	39	13	30	81-122	F1
2-Butanone	12400	13600	110	5	30	70-139	
1,2-Dichloroethane	2480	2270	91	1	30	81-121	
1,1,1-Trichloroethane	2480	2320	94	1	30	78-118	
Carbon tetrachloride	2480	1680	68	2	30	64-130	
Benzene	2480	31800	309	2	30	71-118	4
Bromoform	2480	1670	67	1	30	76-133	F1
Styrene	2480	2600	105	1	30	73-126	
Ethylbenzene	2480	14600	199	2	30	78-124	F1
Chlorobenzene	2480	2840	114	2	30	69-124	
Cyclohexane	2480	49900	2012	10	30	69-128	F1
Isopropylbenzene	2480	21800	123	0	30	80-143	4
2-Hexanone	12400	14700	119	4	30	62-123	
MTBE	2480	2410	97	0	30	65-143	
Freon TF	2480	1340	54	5	30	50-128	
Methyl acetate	12400	108000	869	18	30	72-165	F1
1,4-Dioxane	49600	51000	103	45	30	54-147	F2
Trichloroethene	2480	2770	112	3	30	82-122	
Toluene	2480	14900	205	0	30	79-136	F1
trans-1,3-Dichloropropene	2480	2230	90	0	30	73-118	
4-Methyl-2-pentanone	12400	15100	122	4	30	69-124	
cis-1,3-Dichloropropene	2480	2210	89	1	30	75-120	
1,2-Dichlorobenzene	2480	2450	99	0	30	83-123	
1,3-Dichlorobenzene	2480	2440	98	0	30	83-123	
1,4-Dichlorobenzene	2480	2420	98	2	30	84-124	
1,2,4-Trichlorobenzene	2480	2500	101	5	30	62-144	
1,2,3-Trichlorobenzene	2480	2500	101	7	30	36-207	
1,2-Dichloropropane	2480	2540	102	0	30	78-118	
Methylcyclohexane	2480	41200	-629	10	30	80-134	4
Tetrachloroethene	2480	2500	101	2	30	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: J10033.D

Lab ID: 460-72284-A-9-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	4960	29900	201	2	30	78-126	4
1,2-Dibromo-3-Chloropropane	2480	3000	121	35	30	62-127	F2
1,1,2,2-Tetrachloroethane	2480	5400	218	5	30	86-145	F1
1,1,2-Trichloroethane	2480	280	11	139	30	77-120	F1 F2
Dibromochloromethane	2480	1960	79	4	30	78-118	
1,2-Dibromoethane	2480	126 J	5	14	30	76-120	F1
Dichlorodifluoromethane	2480	1160	47	22	30	41-149	
Bromochloromethane	2480	2490	100	5	30	81-121	
Bromodichloromethane	2480	1460	59	90	30	78-118	F1 F2

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A00594.D

Lab ID: 460-72133-A-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	200	175	87	6	30	42-150	
Bromomethane	200	203	101	7	30	28-150	
Vinyl chloride	200	194	97	5	30	61-136	
Chloroethane	200	192	96	6	30	49-150	
Methylene Chloride	200	205	102	7	30	77-124	
Acetone	1000	985	99	14	30	40-150	
Carbon disulfide	200	197	98	7	30	51-137	
Trichlorofluoromethane	200	215	108	5	30	43-150	
1,1-Dichloroethene	200	213	107	6	30	62-128	
1,1-Dichloroethane	200	216	108	6	30	74-128	
trans-1,2-Dichloroethene	200	211	105	5	30	73-124	
cis-1,2-Dichloroethene	200	203	102	7	30	78-121	
Chloroform	200	209	105	7	30	81-123	
2-Butanone	1000	823	82	7	30	64-141	
1,2-Dichloroethane	200	203	101	1	30	74-128	
1,1,1-Trichloroethane	200	208	104	7	30	72-126	
Carbon tetrachloride	200	214	107	6	30	63-135	
Benzene	200	212	106	6	30	76-121	
Bromoform	200	148	74	2	30	54-138	
Styrene	200	185	93	3	30	73-124	
Ethylbenzene	200	202	101	4	30	74-120	
Chlorobenzene	200	195	97	4	30	77-120	
Cyclohexane	200	235	118	7	30	35-150	
Isopropylbenzene	200	174	87	6	30	75-125	
2-Hexanone	1000	1030	103	3	30	53-138	
MTBE	200	200	100	1	30	73-123	
Freon TF	200	247	124	4	30	42-145	
Methyl acetate	1000	1130	113	2	30	43-148	
1,4-Dioxane	4000	4110	103	60	30	43-150	F2
Trichloroethene	200	200	100	1	30	74-120	
Toluene	200	201	101	0	30	78-120	
trans-1,3-Dichloropropene	200	179	89	2	30	71-121	
4-Methyl-2-pentanone	1000	1090	109	2	30	55-141	
cis-1,3-Dichloropropene	200	173	87	4	30	72-122	
1,2-Dichlorobenzene	200	205	102	6	30	76-120	
1,3-Dichlorobenzene	200	202	101	4	30	75-120	
1,4-Dichlorobenzene	200	204	102	7	30	75-120	
1,2,4-Trichlorobenzene	200	228	114	22	30	66-126	
1,2,3-Trichlorobenzene	200	278	139	40	30	68-126	F1 F2
1,2-Dichloropropane	200	187	93	2	30	75-122	
Methylcyclohexane	200	221	111	6	30	34-150	
Tetrachloroethene	200	215	107	3	30	67-129	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A00594.D

Lab ID: 460-72133-A-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	400	402	101	2	30	73-122	
1,2-Dibromo-3-Chloropropane	200	245	122	16	30	58-126	
1,1,2,2-Tetrachloroethane	200	208	104	4	30	60-130	
1,1,2-Trichloroethane	200	190	95	2	30	73-120	
Dibromochloromethane	200	167	83	2	30	69-126	
1,2-Dibromoethane	200	196	98	0	30	75-120	
Dichlorodifluoromethane	200	155	77	7	30	14-150	
Bromochloromethane	200	199	99	5	30	73-130	
Bromodichloromethane	200	170	85	1	30	77-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: D367286.D Lab Sample ID: MB 460-212326/6

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS4 Date Analyzed: 03/13/2014 08:32

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-212326/3	D367283.D	03/13/2014 07:05
	LCSD 460-212326/4	D367284.D	03/13/2014 07:31
PMP-14SW-VS	460-72174-1	D367287.D	03/13/2014 08:55
PMP-23SW-WT	460-72174-4	D367290.D	03/13/2014 10:03
PMP-8SW-VS	460-72174-5	D367291.D	03/13/2014 10:26
PMP-4SW-VD	460-72174-7	D367293.D	03/13/2014 11:12
PMP-22SW-VS	460-72174-8	D367294.D	03/13/2014 11:35
PMP-22SW-VD	460-72174-9	D367295.D	03/13/2014 11:58
PMP-22SW-WT	460-72174-10	D367296.D	03/13/2014 12:20
PMP-6SW-VD	460-72174-13	D367297.D	03/13/2014 12:42
PMP-6SW-WT	460-72174-14	D367298.D	03/13/2014 13:05
PMP-2SW-SI	460-72174-18	D367300.D	03/13/2014 13:51
PMP-24SW-VS	460-72174-19	D367301.D	03/13/2014 14:14
PMP-10SW-SD	460-72174-21	D367302.D	03/13/2014 14:37
PMP-13SW-SI	460-72174-23	D367303.D	03/13/2014 15:00
PMP-28SW-VD	460-72174-25	D367304.D	03/13/2014 15:23

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: D367314.D Lab Sample ID: MB 460-212478/7

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS4 Date Analyzed: 03/13/2014 21:20

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-212478/4	D367311.D	03/13/2014 19:33
	LCSD 460-212478/5	D367312.D	03/13/2014 19:56
PMP-23SW-VD	460-72174-3	D367316.D	03/13/2014 22:06
PMP-9SW-VD	460-72174-34	D367317.D	03/13/2014 22:28
PMP-23SW-VS	460-72174-2	D367318.D	03/13/2014 22:52
PMP-4SW-VS	460-72174-6	D367320.D	03/13/2014 23:38
PMP-28SW-SI	460-72174-27	D367323.D	03/14/2014 00:47
PMP-10SW-SI	460-72174-38	D367326.D	03/14/2014 01:55
PMP-10SW-WI	460-72174-37	D367329.D	03/14/2014 03:04
PMP-6SW-SI	460-72174-15	D367331.D	03/14/2014 03:49

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: D367338.D Lab Sample ID: MB 460-212576/6

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS4 Date Analyzed: 03/14/2014 08:13

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-212576/3	D367335.D	03/14/2014 06:49
	LCSD 460-212576/4	D367336.D	03/14/2014 07:12
PMP-7SW-VD	460-72174-31	D367343.D	03/14/2014 10:07
PMP-9SW-SI	460-72174-36	D367344.D	03/14/2014 10:29

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: D367422.D Lab Sample ID: MB 460-212899/6

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS4 Date Analyzed: 03/16/2014 08:30

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-212899/3	D367419.D	03/16/2014 06:56
	LCSD 460-212899/4	D367420.D	03/16/2014 07:22
PMP-2SW-VD	460-72174-16	D367429.D	03/16/2014 11:10

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: J09917.D Lab Sample ID: MB 460-212239/6

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: CVOAMS8 Date Analyzed: 03/12/2014 22:42

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-212239/3	J09914.D	03/12/2014 21:27
PMP-5SW-WT MS	460-72174-11 MS	J09921.D	03/13/2014 01:17
PMP-5SW-WT MSD	460-72174-11 MSD	J09922.D	03/13/2014 01:42
PMP-5SW-WT	460-72174-11	J09926.D	03/13/2014 03:21

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: J09941.D Lab Sample ID: MB 460-212315/7

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: CVOAMS8 Date Analyzed: 03/13/2014 11:10

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-212315/4	J09938.D	03/13/2014 09:44
	LCSD 460-212315/5	J09939.D	03/13/2014 10:09
PMP-2SW-WT	460-72174-17	J09952.D	03/13/2014 16:39
PMP-5SW-SI	460-72174-12	J09953.D	03/13/2014 17:03
PMP-24SW-SI	460-72174-30	J09955.D	03/13/2014 17:53
PMP-7SW-SI	460-72174-33	J09956.D	03/13/2014 18:17
PMP-9SW-WT	460-72174-35	J09957.D	03/13/2014 18:42
PMP-24SW-WT	460-72174-29	J09960.D	03/13/2014 19:56
PMP-7SW-WI	460-72174-32	J09961.D	03/13/2014 20:21

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: J09967.D Lab Sample ID: MB 460-212509/6

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: CVOAMS8 Date Analyzed: 03/13/2014 23:22

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-212509/3	J09964.D	03/13/2014 22:08
PMP-28SW-WT	460-72174-26	J09968.D	03/13/2014 23:47
PMP-28SW-WT MS	460-72174-26 MS	J09976.D	03/14/2014 03:04
PMP-28SW-WT MSD	460-72174-26 MSD	J09977.D	03/14/2014 03:29

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: J10020.D Lab Sample ID: MB 460-212770/6

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: CVOAMS8 Date Analyzed: 03/15/2014 00:44

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-212770/3	J10017.D	03/14/2014 23:29
	460-72284-A-9-A MS	J10032.D	03/15/2014 07:28
	460-72284-A-9-A MSD	J10033.D	03/15/2014 07:53
PMP-13SW-SD	460-72174-24	J10037.D	03/15/2014 09:32

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: J10066.D Lab Sample ID: MB 460-212905/6

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: CVOAMS8 Date Analyzed: 03/16/2014 08:30

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-212905/3	J10063.D	03/16/2014 07:15
	LCSD 460-212905/4	J10064.D	03/16/2014 07:40
PMP-24SW-VD	460-72174-20	J10087.D	03/16/2014 17:15
PMP-13SW-WT	460-72174-22	J10089.D	03/16/2014 18:05

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: A00583.D Lab Sample ID: MB 460-212557/7

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS1 Date Analyzed: 03/14/2014 08:42

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-212557/4	A00580.D	03/14/2014 07:29
FB-030614	460-72174-28	A00584.D	03/14/2014 09:02
	460-72133-A-1 MS	A00593.D	03/14/2014 12:25
	460-72133-A-1 MSD	A00594.D	03/14/2014 12:45

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: A00409.D BFB Injection Date: 03/11/2014

Instrument ID: CVOAMS1 BFB Injection Time: 04:45

Analysis Batch No.: 211772

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.0	
75	30.0 - 60.0 % of mass 95	47.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.3	
173	Less than 2.0 % of mass 174	0.7	(0.8)1
174	50.0 - 120.00 % of mass 95	82.7	
175	5.0 - 9.0 % of mass 174	6.6	(8.0)1
176	95.0 - 101.0 % of mass 174	79.8	(96.5)1
177	5.0 - 9.0 % of mass 176	5.2	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD5 460-211772/5	A00413.D	03/11/2014	06:17
	STD20 460-211772/6	A00414.D	03/11/2014	06:37
	STD50 460-211772/7	A00415.D	03/11/2014	06:56
	STD200 460-211772/8	A00416.D	03/11/2014	07:16
	STD500 460-211772/9	A00417.D	03/11/2014	07:37
	STD1 460-211772/14	A00422.D	03/11/2014	13:55

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: A00577.D BFB Injection Date: 03/14/2014

Instrument ID: CVOAMS1 BFB Injection Time: 06:26

Analysis Batch No.: 212557

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.0	
75	30.0 - 60.0 % of mass 95	52.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	77.3	
175	5.0 - 9.0 % of mass 174	6.7	(8.7)1
176	95.0 - 101.0 % of mass 174	77.0	(99.6)1
177	5.0 - 9.0 % of mass 176	4.9	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-212557/3	A00579.D	03/14/2014	07:06
	LCS 460-212557/4	A00580.D	03/14/2014	07:29
	MB 460-212557/7	A00583.D	03/14/2014	08:42
FB-030614	460-72174-28	A00584.D	03/14/2014	09:02
	460-72133-A-1 MS	A00593.D	03/14/2014	12:25
	460-72133-A-1 MSD	A00594.D	03/14/2014	12:45

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: D367266.D BFB Injection Date: 03/12/2014

Instrument ID: CVOAMS4 BFB Injection Time: 14:13

Analysis Batch No.: 212216

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.7	
75	30.0 - 60.0 % of mass 95	45.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.8	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	74.7	
175	5.0 - 9.0 % of mass 174	5.7	(7.7)1
176	95.0 - 101.0 % of mass 174	73.5	(98.5)1
177	5.0 - 9.0 % of mass 176	5.4	(7.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD20 460-212216/2	D367267.D	03/12/2014	14:39
	STD5 460-212216/4	D367269.D	03/12/2014	15:46
	STD50 460-212216/6	D367271.D	03/12/2014	16:32
	STD200 460-212216/7	D367272.D	03/12/2014	16:54
	STD500 460-212216/8	D367273.D	03/12/2014	17:17
	STD1 460-212216/13	D367278.D	03/12/2014	20:41

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: D367281.D BFB Injection Date: 03/13/2014

Instrument ID: CVOAMS4 BFB Injection Time: 06:21

Analysis Batch No.: 212326

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.9	
75	30.0 - 60.0 % of mass 95	44.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.3	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	82.5	
175	5.0 - 9.0 % of mass 174	6.6	(8.0)1
176	95.0 - 101.0 % of mass 174	79.0	(95.7)1
177	5.0 - 9.0 % of mass 176	5.4	(6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-212326/2	D367282.D	03/13/2014	06:43
	LCS 460-212326/3	D367283.D	03/13/2014	07:05
	LCSD 460-212326/4	D367284.D	03/13/2014	07:31
	MB 460-212326/6	D367286.D	03/13/2014	08:32
PMP-14SW-VS	460-72174-1	D367287.D	03/13/2014	08:55
PMP-23SW-WT	460-72174-4	D367290.D	03/13/2014	10:03
PMP-8SW-VS	460-72174-5	D367291.D	03/13/2014	10:26
PMP-4SW-VD	460-72174-7	D367293.D	03/13/2014	11:12
PMP-22SW-VS	460-72174-8	D367294.D	03/13/2014	11:35
PMP-22SW-VD	460-72174-9	D367295.D	03/13/2014	11:58
PMP-22SW-WT	460-72174-10	D367296.D	03/13/2014	12:20
PMP-6SW-VD	460-72174-13	D367297.D	03/13/2014	12:42
PMP-6SW-WT	460-72174-14	D367298.D	03/13/2014	13:05
PMP-2SW-SI	460-72174-18	D367300.D	03/13/2014	13:51
PMP-24SW-VS	460-72174-19	D367301.D	03/13/2014	14:14
PMP-10SW-SD	460-72174-21	D367302.D	03/13/2014	14:37
PMP-13SW-SI	460-72174-23	D367303.D	03/13/2014	15:00
PMP-28SW-VD	460-72174-25	D367304.D	03/13/2014	15:23

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: D367308.D BFB Injection Date: 03/13/2014

Instrument ID: CVOAMS4 BFB Injection Time: 17:04

Analysis Batch No.: 212478

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.2	
75	30.0 - 60.0 % of mass 95	45.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	79.5	
175	5.0 - 9.0 % of mass 174	6.8	(8.6)1
176	95.0 - 101.0 % of mass 174	75.6	(95.1)1
177	5.0 - 9.0 % of mass 176	5.2	(6.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-212478/3	D367310.D	03/13/2014	18:51
	LCS 460-212478/4	D367311.D	03/13/2014	19:33
	LCSD 460-212478/5	D367312.D	03/13/2014	19:56
	MB 460-212478/7	D367314.D	03/13/2014	21:20
PMP-23SW-VD	460-72174-3	D367316.D	03/13/2014	22:06
PMP-9SW-VD	460-72174-34	D367317.D	03/13/2014	22:28
PMP-23SW-VS	460-72174-2	D367318.D	03/13/2014	22:52
PMP-4SW-VS	460-72174-6	D367320.D	03/13/2014	23:38
PMP-28SW-SI	460-72174-27	D367323.D	03/14/2014	00:47
PMP-10SW-SI	460-72174-38	D367326.D	03/14/2014	01:55
PMP-10SW-WI	460-72174-37	D367329.D	03/14/2014	03:04
PMP-6SW-SI	460-72174-15	D367331.D	03/14/2014	03:49

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: D367333.D BFB Injection Date: 03/14/2014

Instrument ID: CVOAMS4 BFB Injection Time: 05:41

Analysis Batch No.: 212576

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.0	
75	30.0 - 60.0 % of mass 95	47.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	67.7	
175	5.0 - 9.0 % of mass 174	3.6	(5.3)1
176	95.0 - 101.0 % of mass 174	66.3	(97.9)1
177	5.0 - 9.0 % of mass 176	4.2	(6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-212576/2	D367334.D	03/14/2014	06:27
	LCS 460-212576/3	D367335.D	03/14/2014	06:49
	LCSD 460-212576/4	D367336.D	03/14/2014	07:12
	MB 460-212576/6	D367338.D	03/14/2014	08:13
PMP-7SW-VD	460-72174-31	D367343.D	03/14/2014	10:07
PMP-9SW-SI	460-72174-36	D367344.D	03/14/2014	10:29

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: D367417.D BFB Injection Date: 03/16/2014

Instrument ID: CVOAMS4 BFB Injection Time: 06:13

Analysis Batch No.: 212899

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.4	
75	30.0 - 60.0 % of mass 95	44.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	92.1	
175	5.0 - 9.0 % of mass 174	5.2	(5.7)1
176	95.0 - 101.0 % of mass 174	89.1	(96.7)1
177	5.0 - 9.0 % of mass 176	5.8	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-212899/2	D367418.D	03/16/2014	06:33
	LCS 460-212899/3	D367419.D	03/16/2014	06:56
	LCSD 460-212899/4	D367420.D	03/16/2014	07:22
	MB 460-212899/6	D367422.D	03/16/2014	08:30
PMP-2SW-VD	460-72174-16	D367429.D	03/16/2014	11:10

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: J09761.D BFB Injection Date: 03/09/2014

Instrument ID: CVOAMS8 BFB Injection Time: 09:42

Analysis Batch No.: 211477

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	24.2	
75	30.0 - 60.0 % of mass 95	53.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	89.3	
175	5.0 - 9.0 % of mass 174	7.4	(8.3)1
176	95.0 - 101.0 % of mass 174	88.6	(99.2)1
177	5.0 - 9.0 % of mass 176	5.8	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 460-211477/4	J09765.D	03/09/2014	11:30
	STD5 460-211477/5	J09766.D	03/09/2014	11:55
	STD20 460-211477/6	J09767.D	03/09/2014	12:19
	STD50 460-211477/7	J09768.D	03/09/2014	12:44
	STD200 460-211477/8	J09769.D	03/09/2014	13:09
	STD500 460-211477/9	J09770.D	03/09/2014	13:34

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: J09912.D BFB Injection Date: 03/12/2014

Instrument ID: CVOAMS8 BFB Injection Time: 20:36

Analysis Batch No.: 212239

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.0	
75	30.0 - 60.0 % of mass 95	49.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	8.2	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	88.8	
175	5.0 - 9.0 % of mass 174	7.1	(8.0)1
176	95.0 - 101.0 % of mass 174	85.1	(95.9)1
177	5.0 - 9.0 % of mass 176	7.3	(8.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-212239/2	J09913.D	03/12/2014	21:02
	LCS 460-212239/3	J09914.D	03/12/2014	21:27
	MB 460-212239/6	J09917.D	03/12/2014	22:42
PMP-5SW-WT MS	460-72174-11 MS	J09921.D	03/13/2014	01:17
PMP-5SW-WT MSD	460-72174-11 MSD	J09922.D	03/13/2014	01:42
PMP-5SW-WT	460-72174-11	J09926.D	03/13/2014	03:21

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: J09935.D BFB Injection Date: 03/13/2014

Instrument ID: CVOAMS8 BFB Injection Time: 07:37

Analysis Batch No.: 212315

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	22.6	
75	30.0 - 60.0 % of mass 95	50.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	90.4	
175	5.0 - 9.0 % of mass 174	7.1	(7.9)1
176	95.0 - 101.0 % of mass 174	89.7	(99.3)1
177	5.0 - 9.0 % of mass 176	6.1	(6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-212315/3	J09937.D	03/13/2014	08:57
	LCS 460-212315/4	J09938.D	03/13/2014	09:44
	LCSD 460-212315/5	J09939.D	03/13/2014	10:09
	MB 460-212315/7	J09941.D	03/13/2014	11:10
PMP-2SW-WT	460-72174-17	J09952.D	03/13/2014	16:39
PMP-5SW-SI	460-72174-12	J09953.D	03/13/2014	17:03
PMP-24SW-SI	460-72174-30	J09955.D	03/13/2014	17:53
PMP-7SW-SI	460-72174-33	J09956.D	03/13/2014	18:17
PMP-9SW-WT	460-72174-35	J09957.D	03/13/2014	18:42
PMP-24SW-WT	460-72174-29	J09960.D	03/13/2014	19:56
PMP-7SW-WI	460-72174-32	J09961.D	03/13/2014	20:21

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: J09962.D BFB Injection Date: 03/13/2014

Instrument ID: CVOAMS8 BFB Injection Time: 21:16

Analysis Batch No.: 212509

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	23.6	
75	30.0 - 60.0 % of mass 95	51.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	8.4	
173	Less than 2.0 % of mass 174	0.4	(0.5)1
174	50.0 - 120.00 % of mass 95	89.2	
175	5.0 - 9.0 % of mass 174	7.7	(8.7)1
176	95.0 - 101.0 % of mass 174	86.4	(96.9)1
177	5.0 - 9.0 % of mass 176	6.7	(7.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-212509/2	J09963.D	03/13/2014	21:43
	LCS 460-212509/3	J09964.D	03/13/2014	22:08
	MB 460-212509/6	J09967.D	03/13/2014	23:22
PMP-28SW-WT	460-72174-26	J09968.D	03/13/2014	23:47
PMP-28SW-WT MS	460-72174-26 MS	J09976.D	03/14/2014	03:04
PMP-28SW-WT MSD	460-72174-26 MSD	J09977.D	03/14/2014	03:29

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: J10015.D BFB Injection Date: 03/14/2014

Instrument ID: CVOAMS8 BFB Injection Time: 22:40

Analysis Batch No.: 212770

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.2	
75	30.0 - 60.0 % of mass 95	46.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	84.2	
175	5.0 - 9.0 % of mass 174	7.1	(8.4)1
176	95.0 - 101.0 % of mass 174	84.6	(100.5)1
177	5.0 - 9.0 % of mass 176	4.9	(5.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-212770/2	J10016.D	03/14/2014	23:04
	LCS 460-212770/3	J10017.D	03/14/2014	23:29
	MB 460-212770/6	J10020.D	03/15/2014	00:44
	460-72284-A-9-A MS	J10032.D	03/15/2014	07:28
	460-72284-A-9-A MSD	J10033.D	03/15/2014	07:53
PMP-13SW-SD	460-72174-24	J10037.D	03/15/2014	09:32

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: J10061.D BFB Injection Date: 03/16/2014

Instrument ID: CVOAMS8 BFB Injection Time: 06:25

Analysis Batch No.: 212905

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	24.0	
75	30.0 - 60.0 % of mass 95	52.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	93.4	
175	5.0 - 9.0 % of mass 174	6.5	(6.9)1
176	95.0 - 101.0 % of mass 174	90.4	(96.7)1
177	5.0 - 9.0 % of mass 176	5.2	(5.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-212905/2	J10062.D	03/16/2014	06:51
	LCS 460-212905/3	J10063.D	03/16/2014	07:15
	LCSD 460-212905/4	J10064.D	03/16/2014	07:40
	MB 460-212905/6	J10066.D	03/16/2014	08:30
PMP-24SW-VD	460-72174-20	J10087.D	03/16/2014	17:15
PMP-13SW-WT	460-72174-22	J10089.D	03/16/2014	18:05

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212557/3 Date Analyzed: 03/14/2014 07:06

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): A00579.D Heated Purge: (Y/N) N

Calibration ID: 36174

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		287470	3.58	689006	5.45	28632	6.01
UPPER LIMIT		574940	4.08	1378012	5.95	57264	6.51
LOWER LIMIT		143735	3.08	344503	4.95	14316	5.51
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-212557/4		293530	3.59	670233	5.45	26268	6.01
MB 460-212557/7		299204	3.59	638402	5.44	23900	6.01
460-72174-28	FB-030614	279636	3.58	618785	5.44	22119	6.02
460-72133-A-1 MS		381426	3.59	706408	5.45	31101	6.01
460-72133-A-1 MSD		333154	3.59	651919	5.44	27799	6.01

TBA = TBA-d9 (IS)
FB = Fluorobenzene
DXE = 1,4-Dioxane-d8

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212557/3 Date Analyzed: 03/14/2014 07:06

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): A00579.D Heated Purge: (Y/N) N

Calibration ID: 36174

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		444541	7.91	260630	9.31		
UPPER LIMIT		889082	8.41	521260	9.81		
LOWER LIMIT		222271	7.41	130315	8.81		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-212557/4		423989	7.91	260320	9.31		
MB 460-212557/7		407472	7.91	238175	9.31		
460-72174-28	FB-030614	394873	7.91	235906	9.31		
460-72133-A-1 MS		448434	7.91	260687	9.32		
460-72133-A-1 MSD		403387	7.91	241663	9.31		

CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212326/2 Date Analyzed: 03/13/2014 06:43

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D367282.D Heated Purge: (Y/N) Y

Calibration ID: 36462

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		195705	2.63	739010	4.41	15619	5.38
UPPER LIMIT		391410	3.13	1478020	4.91	31238	5.88
LOWER LIMIT		97853	2.13	369505	3.91	7810	4.88
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-212326/3		155735	2.64	577704	4.41	11289	5.38
LCSD 460-212326/4		144873	2.62	530209	4.41	10421	5.37
MB 460-212326/6		169933	2.63	531022	4.41	10465	5.37
460-72174-1	PMP-14SW-VS	110845	2.62	534075	4.41	5977*	5.40
460-72174-4	PMP-23SW-WT	136317	2.64	505513	4.41	8699	5.38
460-72174-5	PMP-8SW-VS	152358	2.64	513221	4.41	8957	5.38
460-72174-7	PMP-4SW-VD	167522	2.63	512708	4.41	11234	5.38
460-72174-8	PMP-22SW-VS	153443	2.64	463527	4.41	9110	5.39
460-72174-9	PMP-22SW-VD	160285	2.63	495185	4.42	10471	5.38
460-72174-10	PMP-22SW-WT	146585	2.64	485695	4.42	9345	5.38
460-72174-13	PMP-6SW-VD	140305	2.64	459190	4.41	9313	5.39
460-72174-14	PMP-6SW-WT	127666	2.64	452094	4.41	9361	5.38
460-72174-18	PMP-2SW-SI	134243	2.62	482770	4.41	8880	5.37
460-72174-19	PMP-24SW-VS	169582	2.63	483858	4.40	10352	5.38
460-72174-21	PMP-10SW-SD	133522	2.63	443020	4.41	9530	5.39
460-72174-23	PMP-13SW-SI	140316	2.63	468492	4.41	9629	5.37
460-72174-25	PMP-28SW-VD	144622	2.64	460200	4.41	8370	5.37

TBA = TBA-d9 (IS)
FB = Fluorobenzene
DXE = 1,4-Dioxane-d8

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212326/2 Date Analyzed: 03/13/2014 06:43

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D367282.D Heated Purge: (Y/N) Y

Calibration ID: 36462

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		383326	7.78	182616	9.72		
UPPER LIMIT		766652	8.28	365232	10.22		
LOWER LIMIT		191663	7.28	91308	9.22		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-212326/3		326888	7.78	156029	9.72		
LCSD 460-212326/4		300500	7.78	143452	9.72		
MB 460-212326/6		307988	7.78	148060	9.72		
460-72174-1	PMP-14SW-VS	284006	7.78	104746	9.72		
460-72174-4	PMP-23SW-WT	295460	7.78	135471	9.72		
460-72174-5	PMP-8SW-VS	292703	7.78	124435	9.72		
460-72174-7	PMP-4SW-VD	305562	7.78	149852	9.72		
460-72174-8	PMP-22SW-VS	255748	7.78	100415	9.72		
460-72174-9	PMP-22SW-VD	288414	7.78	142729	9.72		
460-72174-10	PMP-22SW-WT	288144	7.78	136633	9.72		
460-72174-13	PMP-6SW-VD	268058	7.78	134457	9.72		
460-72174-14	PMP-6SW-WT	237238	7.78	105358	9.73		
460-72174-18	PMP-2SW-SI	288143	7.78	140730	9.72		
460-72174-19	PMP-24SW-VS	286889	7.78	143337	9.72		
460-72174-21	PMP-10SW-SD	265542	7.78	128583	9.72		
460-72174-23	PMP-13SW-SI	280119	7.78	138379	9.72		
460-72174-25	PMP-28SW-VD	271969	7.78	124496	9.72		

CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212478/3 Date Analyzed: 03/13/2014 18:51

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D367310.D Heated Purge: (Y/N) Y

Calibration ID: 36462

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		142633	2.62	432163	4.41	10244	5.37
UPPER LIMIT		285266	3.12	864326	4.91	20488	5.87
LOWER LIMIT		71317	2.12	216082	3.91	5122	4.87
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-212478/4		151816	2.64	496880	4.41	11680	5.38
LCSD 460-212478/5		144339	2.64	443957	4.41	11353	5.38
MB 460-212478/7		166524	2.63	450232	4.41	10854	5.38
460-72174-3	PMP-23SW-VD	120821	2.61	427462	4.41	7173	5.37
460-72174-34	PMP-9SW-VD	128855	2.63	441482	4.41	9951	5.38
460-72174-2	PMP-23SW-VS	127077	2.63	452699	4.41	7865	5.39
460-72174-6	PMP-4SW-VS	137872	2.63	467304	4.41	7964	5.38
460-72174-27	PMP-28SW-SI	98895	2.61	426872	4.40	6204	5.37
460-72174-38	PMP-10SW-SI	102229	2.63	429595	4.40	6886	5.37
460-72174-37	PMP-10SW-WI	96762	2.62	336100	4.40	8277	5.40
460-72174-15	PMP-6SW-SI	96414	2.63	402417	4.41	6394	5.40

TBA = TBA-d9 (IS)
FB = Fluorobenzene
DXE = 1,4-Dioxane-d8

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212478/3 Date Analyzed: 03/13/2014 18:51

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D367310.D Heated Purge: (Y/N) Y

Calibration ID: 36462

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		244755	7.78	115410	9.72		
UPPER LIMIT		489510	8.28	230820	10.22		
LOWER LIMIT		122378	7.28	57705	9.22		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-212478/4		279514	7.78	133040	9.72		
LCSD 460-212478/5		265865	7.78	129296	9.72		
MB 460-212478/7		267448	7.78	133696	9.72		
460-72174-3	PMP-23SW-VD	217805	7.78	76723	9.72		
460-72174-34	PMP-9SW-VD	259796	7.78	124728	9.72		
460-72174-2	PMP-23SW-VS	230036	7.78	71954	9.72		
460-72174-6	PMP-4SW-VS	272980	7.78	130082	9.72		
460-72174-27	PMP-28SW-SI	251642	7.77	116891	9.72		
460-72174-38	PMP-10SW-SI	253108	7.78	120735	9.72		
460-72174-37	PMP-10SW-WI	152619	7.78	50731*	9.72		
460-72174-15	PMP-6SW-SI	221178	7.78	84278	9.72		

CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212576/2 Date Analyzed: 03/14/2014 06:27

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D367334.D Heated Purge: (Y/N) Y

Calibration ID: 36462

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		120894	2.64	453883	4.41	9296	5.38
UPPER LIMIT		241788	3.14	907766	4.91	18592	5.88
LOWER LIMIT		60447	2.14	226942	3.91	4648	4.88
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-212576/3		122546	2.64	441832	4.41	10413	5.38
LCSD 460-212576/4		124259	2.64	453968	4.41	10710	5.39
MB 460-212576/6		140889	2.62	431715	4.41	8679	5.37
460-72174-31	PMP-7SW-VD	115806	2.64	445893	4.41	6464	5.38
460-72174-36	PMP-9SW-SI	97947	2.63	434323	4.42	5993	5.38

TBA = TBA-d9 (IS)
FB = Fluorobenzene
DXE = 1,4-Dioxane-d8

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212576/2 Date Analyzed: 03/14/2014 06:27

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D367334.D Heated Purge: (Y/N) Y

Calibration ID: 36462

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		260474	7.78	126394	9.72		
UPPER LIMIT		520948	8.28	252788	10.22		
LOWER LIMIT		130237	7.28	63197	9.22		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-212576/3		260245	7.78	124612	9.72		
LCSD 460-212576/4		265200	7.78	126315	9.72		
MB 460-212576/6		252689	7.78	123772	9.72		
460-72174-31	PMP-7SW-VD	220359	7.78	65671	9.72		
460-72174-36	PMP-9SW-SI	253563	7.78	120701	9.72		

CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212899/2 Date Analyzed: 03/16/2014 06:33

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D367418.D Heated Purge: (Y/N) Y

Calibration ID: 36462

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		166172	2.63	760909	4.41	16055	5.38
UPPER LIMIT		332344	3.13	1521818	4.91	32110	5.88
LOWER LIMIT		83086	2.13	380455	3.91	8028	4.88
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-212899/3		150227	2.63	671683	4.41	15160	5.37
LCSD 460-212899/4		148322	2.64	654622	4.42	14811	5.38
MB 460-212899/6		173226	2.63	616412	4.41	15715	5.38
460-72174-16	PMP-2SW-VD	157092	2.63	620142	4.41	13082	5.37

TBA = TBA-d9 (IS)
FB = Fluorobenzene
DXE = 1,4-Dioxane-d8

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212899/2 Date Analyzed: 03/16/2014 06:33

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D367418.D Heated Purge: (Y/N) Y

Calibration ID: 36462

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		465390	7.78	242112	9.72		
UPPER LIMIT		930780	8.28	484224	10.22		
LOWER LIMIT		232695	7.28	121056	9.22		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-212899/3		430873	7.78	228408	9.72		
LCSD 460-212899/4		413138	7.78	219192	9.72		
MB 460-212899/6		396898	7.78	207775	9.72		
460-72174-16	PMP-2SW-VD	396530	7.78	209376	9.72		

CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212239/2 Date Analyzed: 03/12/2014 21:02

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J09913.D Heated Purge: (Y/N) N

Calibration ID: 36078

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		353457	3.18	785264	5.35	46705	6.06
UPPER LIMIT		706914	3.68	1570528	5.85	93410	6.56
LOWER LIMIT		176729	2.68	392632	4.85	23353	5.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-212239/3		350916	3.18	770965	5.35	47699	6.06
MB 460-212239/6		396171	3.18	753498	5.36	48512	6.06
460-72174-11 MS	PMP-5SW-WT MS	372876	3.18	762802	5.36	46449	6.06
460-72174-11 MSD	PMP-5SW-WT MSD	411490	3.19	759798	5.36	49523	6.07
460-72174-11	PMP-5SW-WT	405366	3.20	764758	5.35	50799	6.07

TBA = TBA-d9 (IS)
FB = Fluorobenzene
DXE = 1,4-Dioxane-d8

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212239/2 Date Analyzed: 03/12/2014 21:02

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J09913.D Heated Purge: (Y/N) N

Calibration ID: 36078

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		667921	8.82	404615	10.96		
UPPER LIMIT		1335842	9.32	809230	11.46		
LOWER LIMIT		333961	8.32	202308	10.46		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-212239/3		654967	8.82	394644	10.96		
MB 460-212239/6		634652	8.82	382262	10.96		
460-72174-11 MS	PMP-5SW-WT MS	647862	8.82	392072	10.96		
460-72174-11 MSD	PMP-5SW-WT MSD	649724	8.82	395266	10.96		
460-72174-11	PMP-5SW-WT	652958	8.82	391960	10.96		

CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212315/3 Date Analyzed: 03/13/2014 08:57

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J09937.D Heated Purge: (Y/N) N

Calibration ID: 36078

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		417888	3.18	797546	5.35	49742	6.05
UPPER LIMIT		835776	3.68	1595092	5.85	99484	6.55
LOWER LIMIT		208944	2.68	398773	4.85	24871	5.55
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-212315/4		433679	3.18	805614	5.36	50786	6.06
LCSD 460-212315/5		463348	3.18	776902	5.36	53245	6.06
MB 460-212315/7		443640	3.18	769429	5.36	52386	6.06
460-72174-17	PMP-2SW-WT	396959	3.19	791771	5.35	48548	6.07
460-72174-12	PMP-5SW-SI	412818	3.20	777001	5.35	47979	6.06
460-72174-30	PMP-24SW-SI	400455	3.20	783494	5.35	48693	6.07
460-72174-33	PMP-7SW-SI	444061	3.20	791321	5.35	52864	6.06
460-72174-35	PMP-9SW-WT	431937	3.20	783229	5.35	53855	6.06
460-72174-29	PMP-24SW-WT	407189	3.17	784656	5.35	51204	6.05
460-72174-32	PMP-7SW-WI	413036	3.19	789527	5.35	53988	6.06

TBA = TBA-d9 (IS)
FB = Fluorobenzene
DXE = 1,4-Dioxane-d8

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212315/3 Date Analyzed: 03/13/2014 08:57

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J09937.D Heated Purge: (Y/N) N

Calibration ID: 36078

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		682656	8.82	411719	10.96		
UPPER LIMIT		1365312	9.32	823438	11.46		
LOWER LIMIT		341328	8.32	205860	10.46		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-212315/4		681245	8.82	411933	10.96		
LCSD 460-212315/5		666907	8.82	400358	10.96		
MB 460-212315/7		661348	8.82	393462	10.96		
460-72174-17	PMP-2SW-WT	677304	8.82	402500	10.96		
460-72174-12	PMP-5SW-SI	657117	8.82	399598	10.96		
460-72174-30	PMP-24SW-SI	673112	8.82	415050	10.96		
460-72174-33	PMP-7SW-SI	672975	8.82	411337	10.96		
460-72174-35	PMP-9SW-WT	671604	8.82	405989	10.96		
460-72174-29	PMP-24SW-WT	676907	8.82	393476	10.96		
460-72174-32	PMP-7SW-WI	665395	8.82	401351	10.96		

CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212509/2 Date Analyzed: 03/13/2014 21:43

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J09963.D Heated Purge: (Y/N) N

Calibration ID: 36078

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		381180	3.18	797494	5.36	48469	6.06
UPPER LIMIT		762360	3.68	1594988	5.86	96938	6.56
LOWER LIMIT		190590	2.68	398747	4.86	24235	5.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-212509/3		405434	3.18	815452	5.35	46140	6.05
MB 460-212509/6		388610	3.18	785357	5.35	47910	6.06
460-72174-26	PMP-28SW-WT	403441	3.18	806640	5.36	50413	6.06
460-72174-26 MS	PMP-28SW-WT MS	405844	3.19	807034	5.35	50565	6.06
460-72174-26 MSD	PMP-28SW-WT MSD	401657	3.19	812982	5.35	51702	6.06

TBA = TBA-d9 (IS)
FB = Fluorobenzene
DXE = 1,4-Dioxane-d8

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212509/2 Date Analyzed: 03/13/2014 21:43

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J09963.D Heated Purge: (Y/N) N

Calibration ID: 36078

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		680477	8.82	393880	10.96		
UPPER LIMIT		1360954	9.32	787760	11.46		
LOWER LIMIT		340239	8.32	196940	10.46		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-212509/3		699708	8.82	404517	10.96		
MB 460-212509/6		663124	8.82	400508	10.96		
460-72174-26	PMP-28SW-WT	687138	8.82	413171	10.96		
460-72174-26 MS	PMP-28SW-WT MS	685007	8.82	408555	10.96		
460-72174-26 MSD	PMP-28SW-WT MSD	694598	8.82	405413	10.96		

CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212770/2 Date Analyzed: 03/14/2014 23:04

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J10016.D Heated Purge: (Y/N) N

Calibration ID: 36078

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		403477	3.18	818269	5.35	49270	6.06
UPPER LIMIT		806954	3.68	1636538	5.85	98540	6.56
LOWER LIMIT		201739	2.68	409135	4.85	24635	5.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-212770/3		402529	3.18	740628	5.35	52026	6.05
MB 460-212770/6		419215	3.18	799080	5.36	53141	6.06
460-72284-A-9-A MS		482453	3.20	861821	5.35	58875	6.07
460-72284-A-9-A MSD		488946	3.19	849857	5.35	61294	6.06
460-72174-24	PMP-13SW-SD	491599	3.20	762910	5.35	59086	6.06

TBA = TBA-d9 (IS)
FB = Fluorobenzene
DXE = 1,4-Dioxane-d8

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212770/2 Date Analyzed: 03/14/2014 23:04

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J10016.D Heated Purge: (Y/N) N

Calibration ID: 36078

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		686110	8.82	396871	10.96		
UPPER LIMIT		1372220	9.32	793742	11.46		
LOWER LIMIT		343055	8.32	198436	10.46		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-212770/3		633069	8.82	383580	10.96		
MB 460-212770/6		673473	8.82	391776	10.96		
460-72284-A-9-A MS		696163	8.82	424924	10.96		
460-72284-A-9-A MSD		686259	8.82	414426	10.96		
460-72174-24	PMP-13SW-SD	648419	8.82	391957	10.96		

CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212905/2 Date Analyzed: 03/16/2014 06:51

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J10062.D Heated Purge: (Y/N) N

Calibration ID: 36078

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		396407	3.18	841722	5.35	48662	6.05
UPPER LIMIT		792814	3.68	1683444	5.85	97324	6.55
LOWER LIMIT		198204	2.68	420861	4.85	24331	5.55
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-212905/3		448692	3.18	823291	5.35	57598	6.06
LCSD 460-212905/4		454422	3.18	838054	5.35	53897	6.06
MB 460-212905/6		452630	3.18	832008	5.36	57068	6.06
460-72174-20	PMP-24SW-VD	480092	3.19	835911	5.36	57474	6.06
460-72174-22	PMP-13SW-WT	428830	3.19	802779	5.36	55157	6.06

TBA = TBA-d9 (IS)
FB = Fluorobenzene
DXE = 1,4-Dioxane-d8

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212905/2 Date Analyzed: 03/16/2014 06:51

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J10062.D Heated Purge: (Y/N) N

Calibration ID: 36078

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		731906	8.81	436681	10.96		
UPPER LIMIT		1463812	9.31	873362	11.46		
LOWER LIMIT		365953	8.31	218341	10.46		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-212905/3		711073	8.82	404602	10.96		
LCSD 460-212905/4		727318	8.82	423355	10.96		
MB 460-212905/6		711676	8.82	418138	10.96		
460-72174-20	PMP-24SW-VD	708738	8.82	423404	10.96		
460-72174-22	PMP-13SW-WT	692321	8.82	405613	10.96		

CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-14SW-VS Lab Sample ID: 460-72174-1

Matrix: Solid Lab File ID: D367287.D

Analysis Method: 8260B Date Collected: 03/06/2014 09:15

Sample wt/vol: 5.073(g) Date Analyzed: 03/13/2014 08:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.0 Level: (low/med) Low

Analysis Batch No.: 212326 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.17	U	1.0	0.17
74-83-9	Bromomethane	0.45	U	1.0	0.45
75-01-4	Vinyl chloride	0.36	U	1.0	0.36
75-00-3	Chloroethane	0.35	U	1.0	0.35
75-09-2	Methylene Chloride	0.16	U	1.0	0.16
67-64-1	Acetone	1.8	U	5.2	1.8
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
75-69-4	Trichlorofluoromethane	0.17	U	1.0	0.17
75-35-4	1,1-Dichloroethene	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.12	U	1.0	0.12
156-60-5	trans-1,2-Dichloroethene	0.14	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.0	0.12
67-66-3	Chloroform	0.70	J	1.0	0.25
78-93-3	2-Butanone	0.66	U	5.2	0.66
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	0.14	U	1.0	0.14
56-23-5	Carbon tetrachloride	0.16	U	1.0	0.16
71-43-2	Benzene	0.16	U	1.0	0.16
75-25-2	Bromoform	0.18	U	1.0	0.18
100-42-5	Styrene	0.29	U	1.0	0.29
100-41-4	Ethylbenzene	0.18	U	1.0	0.18
108-90-7	Chlorobenzene	0.19	U	1.0	0.19
110-82-7	Cyclohexane	0.14	U	1.0	0.14
98-82-8	Isopropylbenzene	0.12	U	1.0	0.12
591-78-6	2-Hexanone	0.14	U	5.2	0.14
1634-04-4	MTBE	0.12	U	1.0	0.12
76-13-1	Freon TF	0.12	U	1.0	0.12
79-20-9	Methyl acetate	0.34	U	5.2	0.34
123-91-1	1,4-Dioxane	13	U *	21	13
79-01-6	Trichloroethene	0.13	U	1.0	0.13
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.21	U	5.2	0.21
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.18	J	1.0	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-14SW-VS | Lab Sample ID: 460-72174-1

Matrix: Solid | Lab File ID: D367287.D

Analysis Method: 8260B | Date Collected: 03/06/2014 09:15

Sample wt/vol: 5.073(g) | Date Analyzed: 03/13/2014 08:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.0 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.36	J	1.0	0.12
120-82-1	1,2,4-Trichlorobenzene	0.29	J	1.0	0.20
87-61-6	1,2,3-Trichlorobenzene	0.33	J	1.0	0.17
78-87-5	1,2-Dichloropropane	0.16	U	1.0	0.16
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.13	U	1.0	0.13
1330-20-7	Xylenes, Total	0.70	U	2.1	0.70
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1.0	0.46
79-34-5	1,1,2,2-Tetrachloroethane	0.094	U	1.0	0.094
79-00-5	1,1,2-Trichloroethane	0.15	U	1.0	0.15
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.16	U	1.0	0.16
75-71-8	Dichlorodifluoromethane	0.23	U	1.0	0.23
74-97-5	Bromochloromethane	0.12	U	1.0	0.12
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	Bromofluorobenzene	115		70-130
1868-53-7	Dibromofluoromethane (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-14SW-VS Lab Sample ID: 460-72174-1

Matrix: Solid Lab File ID: D367287.D

Analysis Method: 8260B Date Collected: 03/06/2014 09:15

Sample wt/vol: 5.073(g) Date Analyzed: 03/13/2014 08:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.0 Level: (low/med) Low

Analysis Batch No.: 212326 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367287.D
Lims ID: 460-72174-B-1-A Lab Sample ID: 460-72174-1
Client ID: PMP-14SW-VS
Sample Type: Client
Inject. Date: 13-Mar-2014 08:55:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-1-A
Misc. Info.: 460-0010815-007
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 13:54:03 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: baronm Date: 15-Mar-2014 13:54:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.622	2.628	-0.006	66	110845	1000.0	
47 Chloroform	83	3.560	3.554	0.006	55	4090	0.6634	
$ 152 Dibromofluoromethane (Surr)	113	3.702	3.702	0.0	90	111433	47.5	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.155	4.152	0.003	92	99065	48.4	
* 59 Fluorobenzene	96	4.413	4.409	0.004	88	534075	50.0	
* 150 1,4-Dioxane-d8	96	5.396	5.377	0.019	1	5977	1000.0	sM
$ 76 Toluene-d8 (Surr)	98	6.078	6.072	0.006	90	481471	49.1	
* 87 Chlorobenzene-d5	117	7.779	7.776	0.003	87	284006	50.0	
$ 99 4-Bromofluorobenzene	174	8.859	8.853	0.006	76	88435	57.4	
115 1,3-Dichlorobenzene	146	9.663	9.663	0.0	66	789	0.1673	
* 116 1,4-Dichlorobenzene-d4	152	9.724	9.721	0.003	88	104746	50.0	
117 1,4-Dichlorobenzene	146	9.740	9.731	0.009	31	1580	0.3400	
124 1,2,4-Trichlorobenzene	180	11.094	11.091	0.003	44	824	0.2739	
128 1,2,3-Trichlorobenzene	180	11.448	11.448	0.0	1	785	0.3105	M

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test

Review Flags
M - Manually Integrated

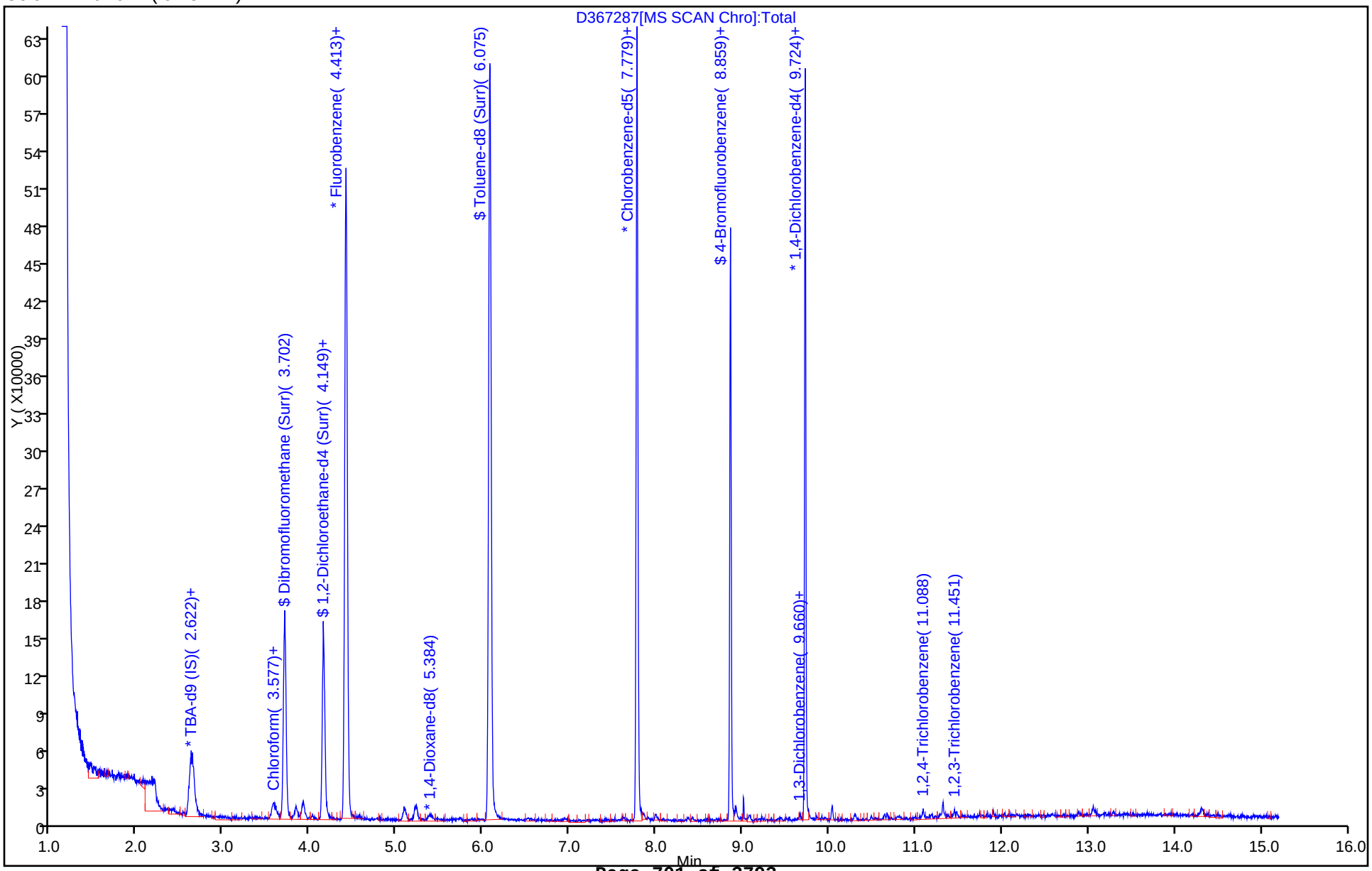
Report Date: 15-Mar-2014 13:54:03 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367287.D

Injection Date:	13-Mar-2014 08:55:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-B-1-A	Lab Sample ID:	460-72174-1	Worklist Smp#:	7
Client ID:	PMP-14SW-VS				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



Report Date: 15-Mar-2014 13:54:03 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367287.D

Injection Date: 13-Mar-2014 08:55:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-1-A Lab Sample ID: 460-72174-1

Client ID: PMP-14SW-VS

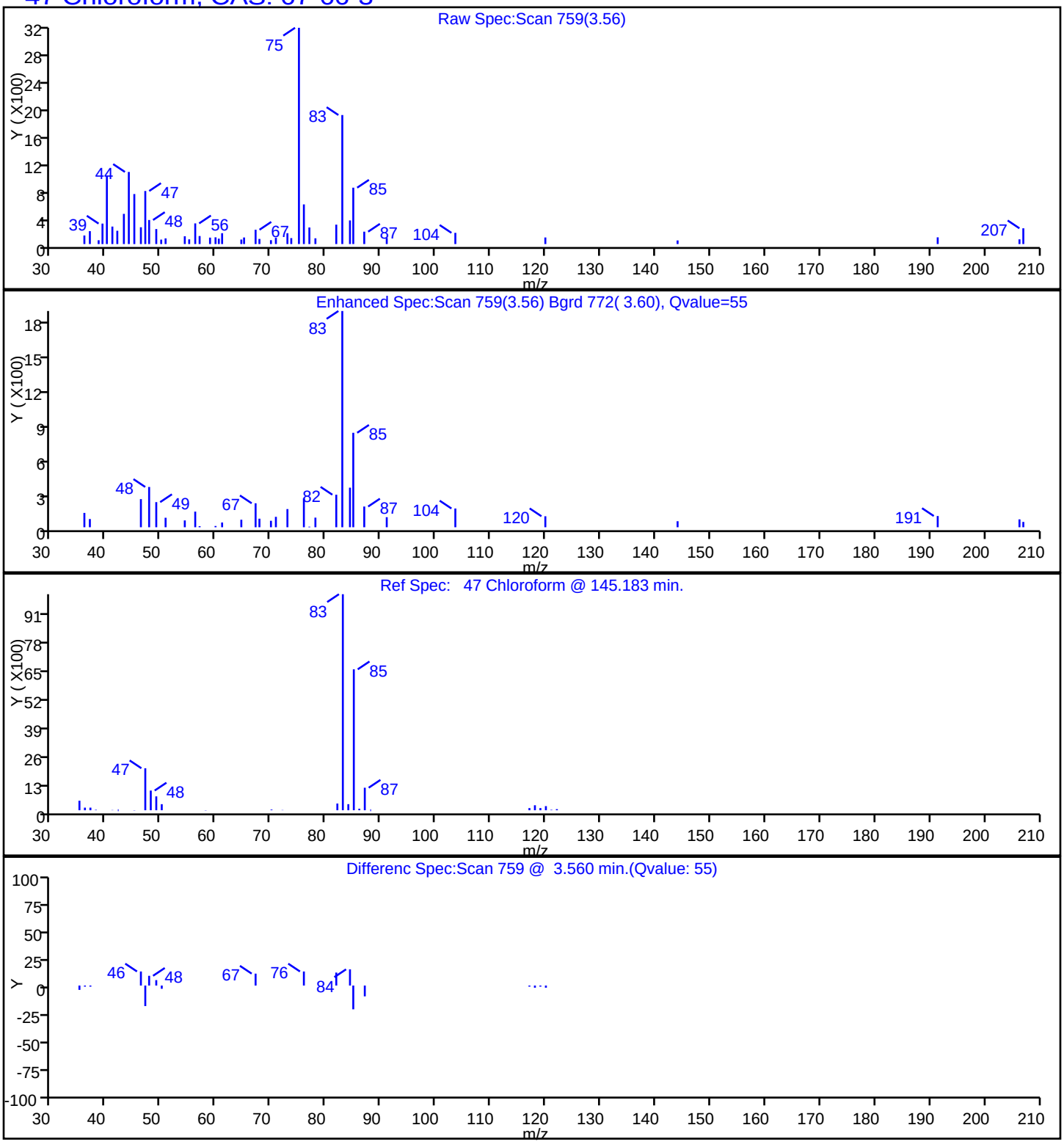
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Chloroform, CAS: 67-66-3



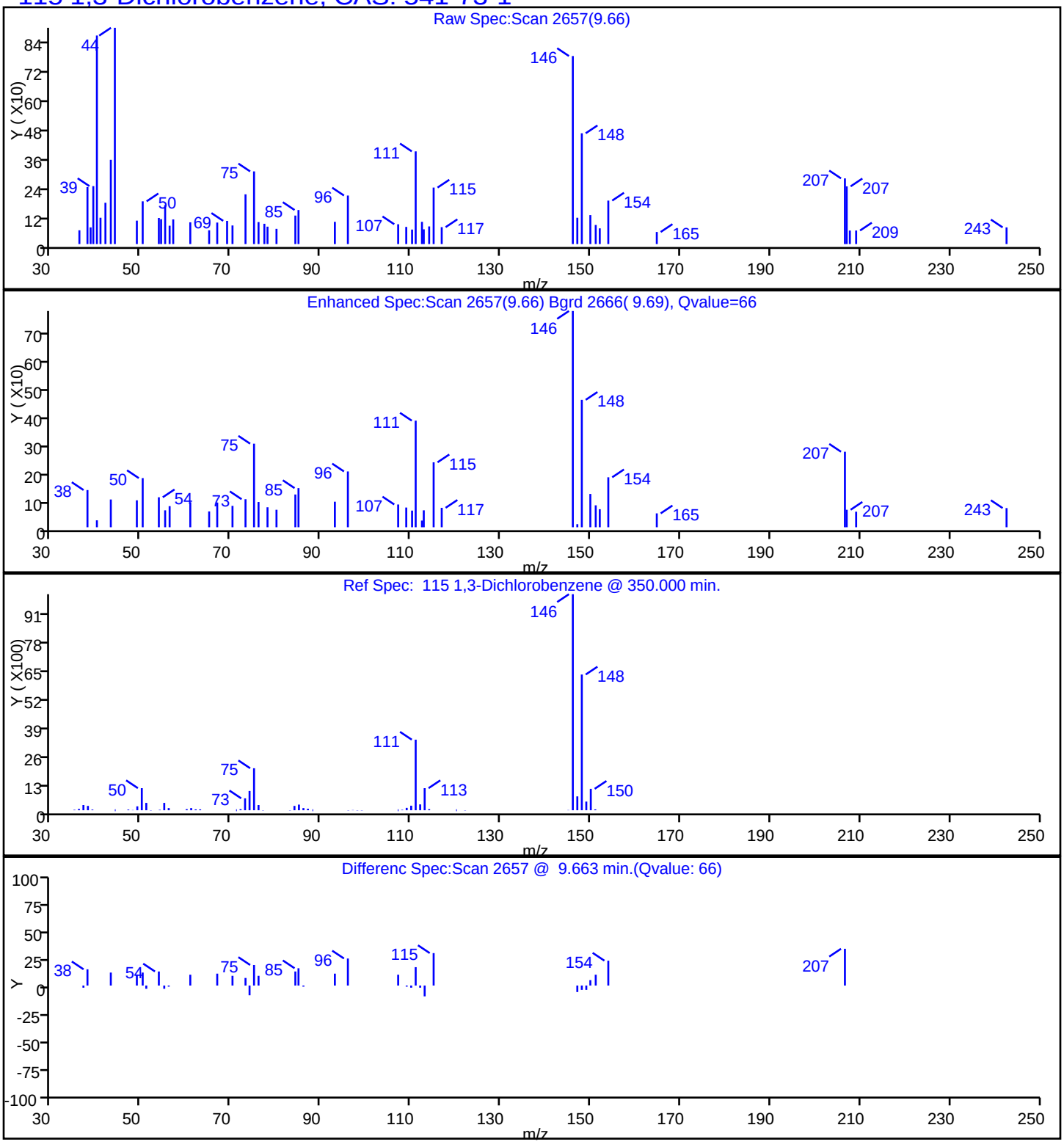
Report Date: 15-Mar-2014 13:54:03 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367287.D

Injection Date:	13-Mar-2014 08:55:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-1-A	Lab Sample ID:	460-72174-1		
Client ID:	PMP-14SW-VS				
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

115 1,3-Dichlorobenzene, CAS: 541-73-1

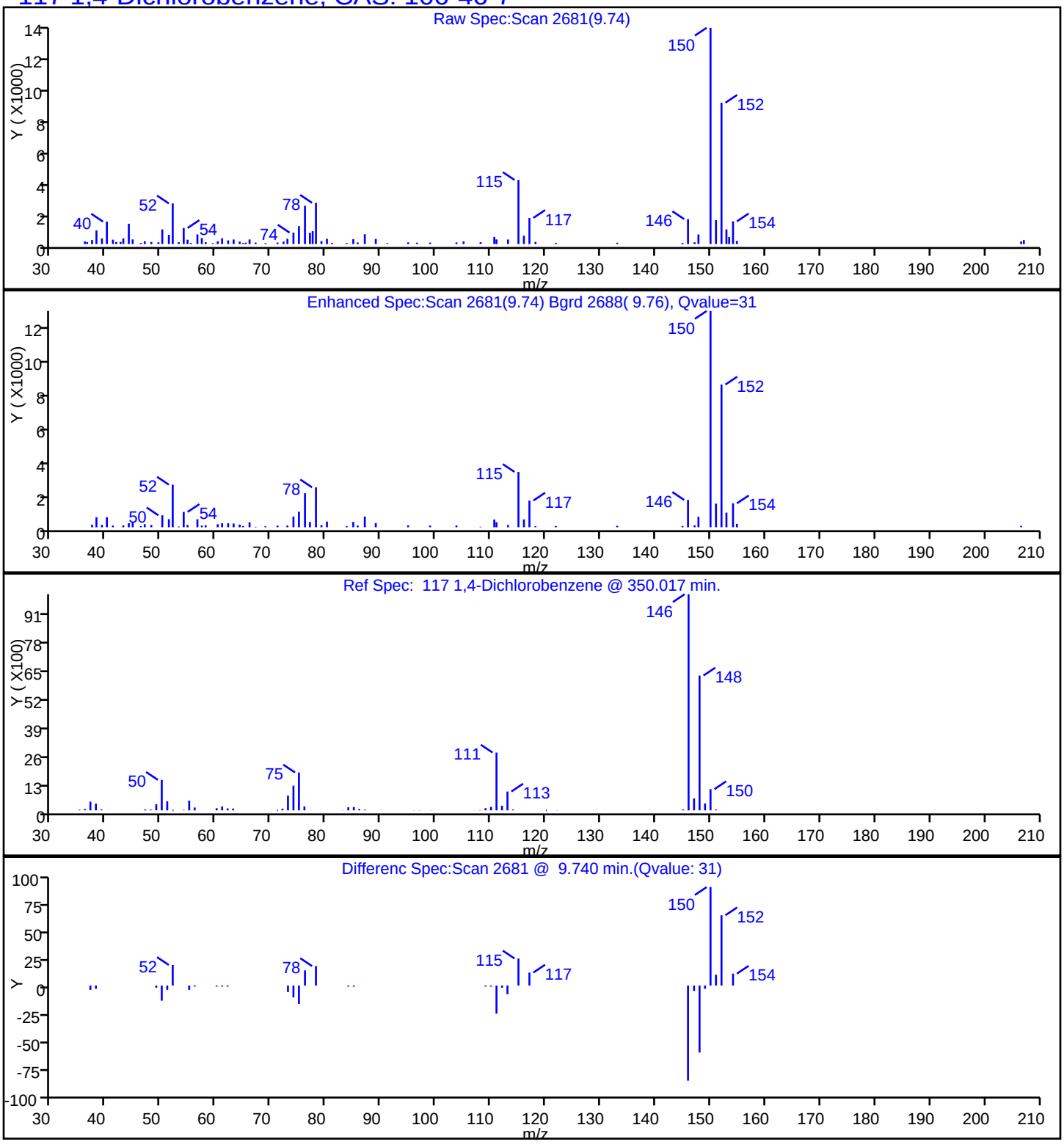


Report Date: 15-Mar-2014 13:54:03 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367287.D				
Injection Date:	13-Mar-2014 08:55:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-1-A	Lab Sample ID:	460-72174-1		
Client ID:	PMP-14SW-VS				
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

117 1,4-Dichlorobenzene, CAS: 106-46-7



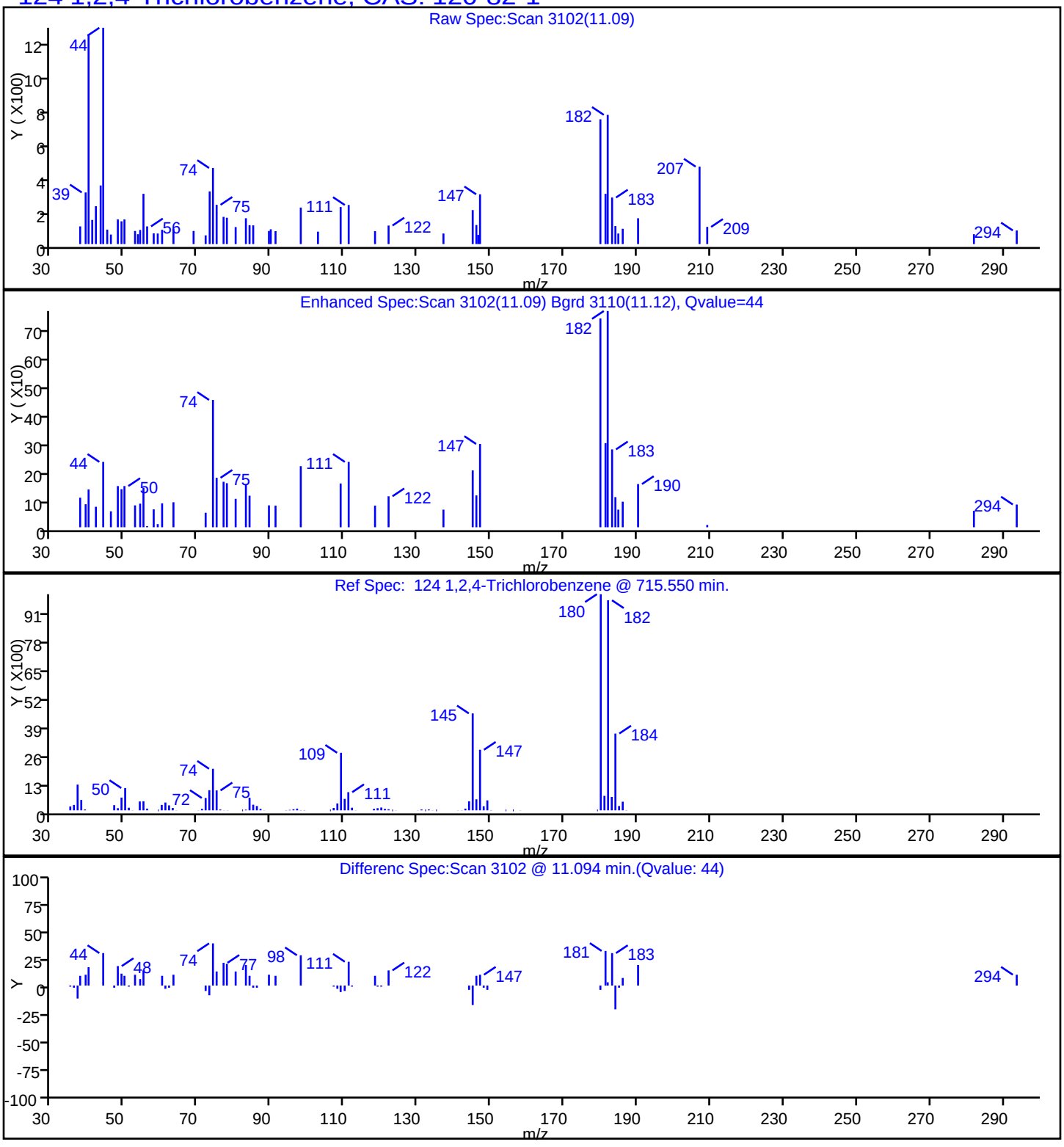
Report Date: 15-Mar-2014 13:54:03 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367287.D

Injection Date:	13-Mar-2014 08:55:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-1-A	Lab Sample ID:	460-72174-1		
Client ID:	PMP-14SW-VS				
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



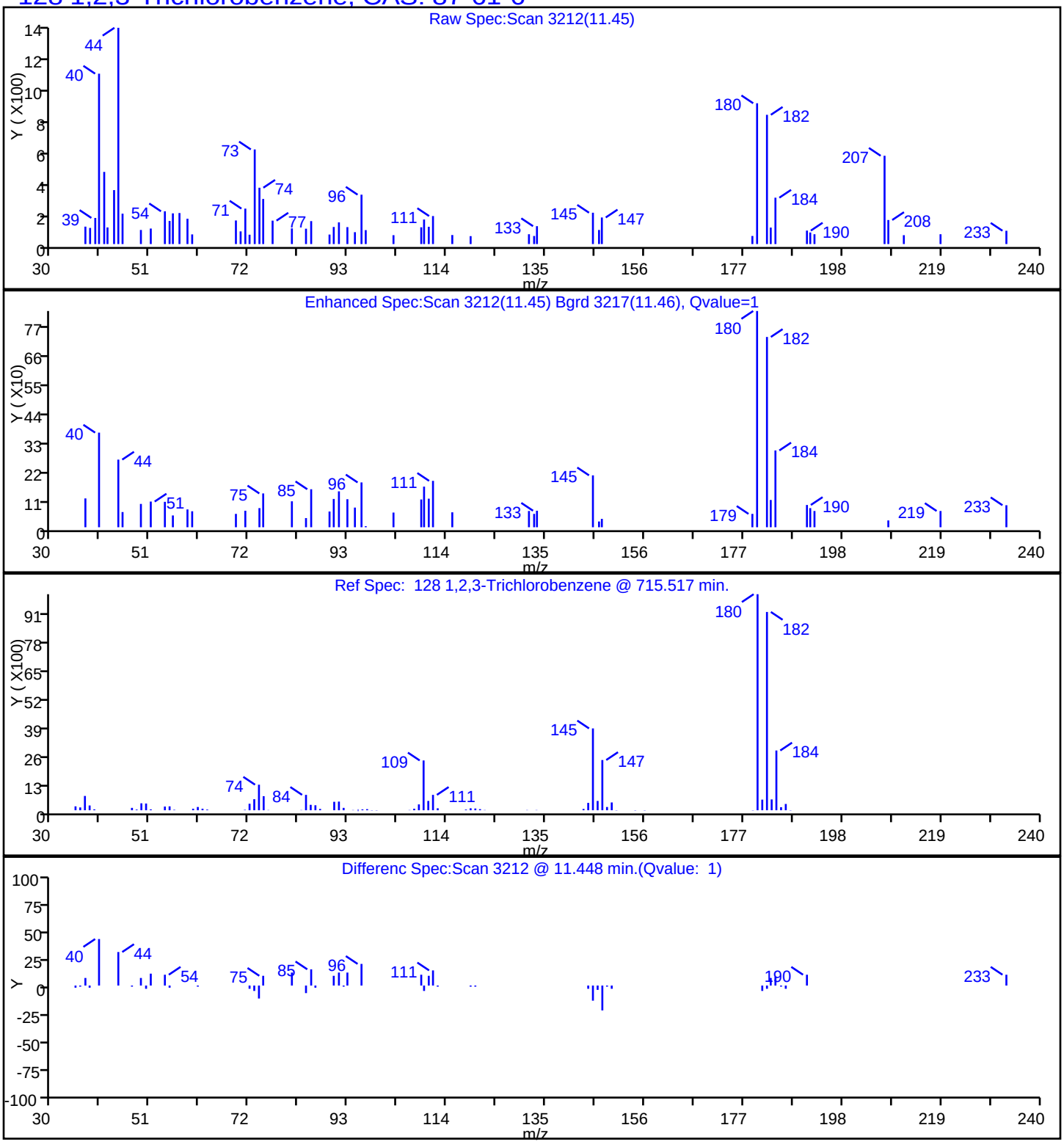
Report Date: 15-Mar-2014 13:54:03 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367287.D

Injection Date:	13-Mar-2014 08:55:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-1-A	Lab Sample ID:	460-72174-1		
Client ID:	PMP-14SW-VS				
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



Manual Integration/User Assign Peak Report

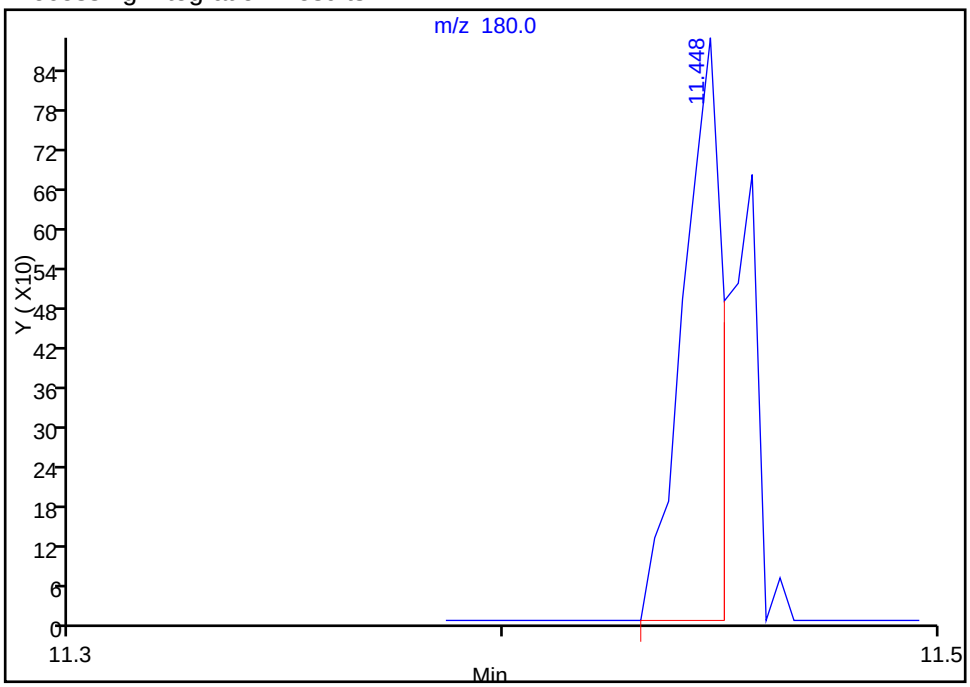
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367287.D				
Injection Date:	13-Mar-2014 08:55:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-1-A	Lab Sample ID:	460-72174-1		
Client ID:	PMP-14SW-VS				
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6

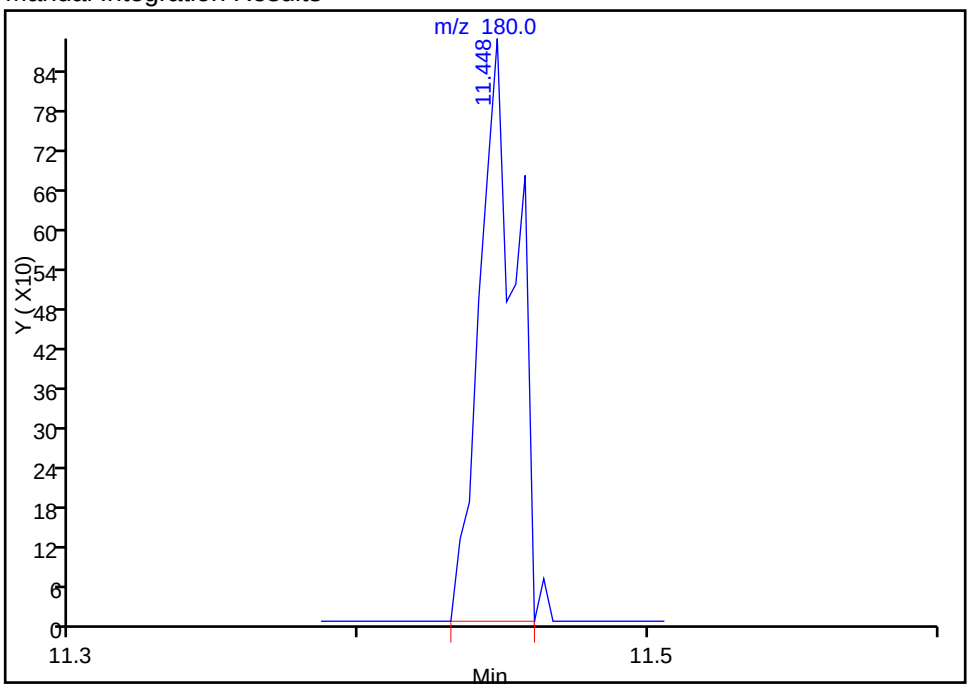
Processing Integration Results

RT: 11.45
Response: 554
Amount: 0.219163



Manual Integration Results

RT: 11.45
Response: 785
Amount: 0.310547



Reviewer: baronm, 15-Mar-2014 13:51:06
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-VS | Lab Sample ID: 460-72174-2

Matrix: Solid | Lab File ID: D367318.D

Analysis Method: 8260B | Date Collected: 03/06/2014 09:35

Sample wt/vol: 3.28(g) | Date Analyzed: 03/13/2014 22:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.0 | Level: (low/med) Low

Analysis Batch No.: 212478 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.25	U	1.6	0.25
74-83-9	Bromomethane	0.68	U	1.6	0.68
75-01-4	Vinyl chloride	0.54	U	1.6	0.54
75-00-3	Chloroethane	0.52	U	1.6	0.52
75-09-2	Methylene Chloride	0.24	U	1.6	0.24
67-64-1	Acetone	23	B	7.9	2.7
75-15-0	Carbon disulfide	0.24	U	1.6	0.24
75-69-4	Trichlorofluoromethane	0.25	U	1.6	0.25
75-35-4	1,1-Dichloroethene	0.30	U	1.6	0.30
75-34-3	1,1-Dichloroethane	0.17	U	1.6	0.17
156-60-5	trans-1,2-Dichloroethene	0.21	U	1.6	0.21
156-59-2	cis-1,2-Dichloroethene	0.17	U	1.6	0.17
67-66-3	Chloroform	1.1	J	1.6	0.38
78-93-3	2-Butanone	1.0	U	7.9	1.0
107-06-2	1,2-Dichloroethane	0.29	U	1.6	0.29
71-55-6	1,1,1-Trichloroethane	0.21	U	1.6	0.21
56-23-5	Carbon tetrachloride	0.24	U	1.6	0.24
71-43-2	Benzene	0.24	U	1.6	0.24
75-25-2	Bromoform	0.27	U	1.6	0.27
100-42-5	Styrene	0.44	U	1.6	0.44
100-41-4	Ethylbenzene	0.27	U	1.6	0.27
108-90-7	Chlorobenzene	0.29	U	1.6	0.29
110-82-7	Cyclohexane	0.21	U	1.6	0.21
98-82-8	Isopropylbenzene	0.17	U	1.6	0.17
591-78-6	2-Hexanone	0.21	U	7.9	0.21
1634-04-4	MTBE	0.17	U	1.6	0.17
76-13-1	Freon TF	0.17	U	1.6	0.17
79-20-9	Methyl acetate	0.51	U	7.9	0.51
123-91-1	1,4-Dioxane	20	U	32	20
79-01-6	Trichloroethene	0.69	J	1.6	0.19
108-88-3	Toluene	0.22	U	1.6	0.22
10061-02-6	trans-1,3-Dichloropropene	0.16	U	1.6	0.16
108-10-1	4-Methyl-2-pentanone	0.32	U	7.9	0.32
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.6	0.22
95-50-1	1,2-Dichlorobenzene	0.37	J	1.6	0.16
541-73-1	1,3-Dichlorobenzene	0.25	U	1.6	0.25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-VS | Lab Sample ID: 460-72174-2

Matrix: Solid | Lab File ID: D367318.D

Analysis Method: 8260B | Date Collected: 03/06/2014 09:35

Sample wt/vol: 3.28(g) | Date Analyzed: 03/13/2014 22:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.0 | Level: (low/med) Low

Analysis Batch No.: 212478 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.44	J	1.6	0.17
120-82-1	1,2,4-Trichlorobenzene	2.3		1.6	0.30
87-61-6	1,2,3-Trichlorobenzene	3.7		1.6	0.25
78-87-5	1,2-Dichloropropane	0.24	U	1.6	0.24
108-87-2	Methylcyclohexane	0.16	U	1.6	0.16
127-18-4	Tetrachloroethene	0.90	J	1.6	0.19
1330-20-7	Xylenes, Total	1.1	U	3.2	1.1
96-12-8	1,2-Dibromo-3-Chloropropane	0.70	U	1.6	0.70
79-34-5	1,1,2,2-Tetrachloroethane	0.14	U	1.6	0.14
79-00-5	1,1,2-Trichloroethane	0.22	U	1.6	0.22
124-48-1	Dibromochloromethane	0.16	U	1.6	0.16
106-93-4	1,2-Dibromoethane	0.24	U	1.6	0.24
75-71-8	Dichlorodifluoromethane	0.35	U	1.6	0.35
74-97-5	Bromochloromethane	0.17	U	1.6	0.17
75-27-4	Bromodichloromethane	0.51	U	1.6	0.51

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	126		70-130
1868-53-7	Dibromofluoromethane (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-VS | Lab Sample ID: 460-72174-2

Matrix: Solid | Lab File ID: D367318.D

Analysis Method: 8260B | Date Collected: 03/06/2014 09:35

Sample wt/vol: 3.28(g) | Date Analyzed: 03/13/2014 22:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.0 | Level: (low/med) Low

Analysis Batch No.: 212478 | Units: ug/Kg

Number TICs Found: 2 | TIC Result Total: 37

CAS NO.	COMPOUND NAME	RT	RESULT	Q
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	12.29	15	J N
634-66-2	Benzene, 1,2,3,4-tetrachloro-	12.82	22	J N

Report Date: 15-Mar-2014 14:27:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367318.D
Lims ID: 460-72174-C-2-A Lab Sample ID: 460-72174-2
Client ID: PMP-23SW-VS
Sample Type: Client
Inject. Date: 13-Mar-2014 22:52:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-C-2-A
Misc. Info.: 460-0010833-011
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 14:27:03 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: tupayachia Date: 14-Mar-2014 15:59:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	2.419	2.413	0.006	76	9200	14.6	
* 151 TBA-d9 (IS)	65	2.625	2.635	-0.010	61	127077	1000.0	
47 Chloroform	83	3.551	3.551	0.0	65	3741	0.7159	
$ 152 Dibromofluoromethane (Surr)	113	3.702	3.699	0.003	90	94821	47.6	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.149	4.146	0.003	94	85808	49.5	
* 59 Fluorobenzene	96	4.412	4.410	0.002	88	452699	50.0	
61 Trichloroethene	95	4.573	4.570	0.003	42	1357	0.4318	
* 150 1,4-Dioxane-d8	96	5.387	5.377	0.010	1	7865	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.072	6.075	-0.003	89	400891	50.4	
80 Tetrachloroethene	166	6.580	6.577	0.003	49	1490	0.5688	M
* 87 Chlorobenzene-d5	117	7.776	7.776	0.0	87	230036	50.0	
$ 99 4-Bromofluorobenzene	174	8.856	8.856	0.0	78	66784	63.2	
* 116 1,4-Dichlorobenzene-d4	152	9.721	9.721	0.0	92	71954	50.0	
117 1,4-Dichlorobenzene	146	9.734	9.734	0.0	28	888	0.2782	
121 1,2-Dichlorobenzene	146	10.046	10.036	0.010	26	649	0.2353	M
124 1,2,4-Trichlorobenzene	180	11.091	11.091	0.0	81	3026	1.46	
128 1,2,3-Trichlorobenzene	180	11.444	11.448	-0.004	79	4042	2.33	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367318.D				
Lims ID:	460-72174-C-2-A	Lab Sample ID:	460-72174-2		
Client ID:	PMP-23SW-VS				
Sample Type:	Client				
Inject. Date:	13-Mar-2014 22:52:30	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-72174-C-2-A				
Misc. Info.:	460-0010833-011				
Operator ID:		Instrument ID:	CVOAMS4		
Method:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\8260S_4.m				
Limit Group:	VOA - 8260B Water and Solid				
Last Update:	15-Mar-2014 14:27:03	Calib Date:	12-Mar-2014 20:41:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L				
Min. Match:	40				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK012				
First Level Reviewer: tupayachia		Date:	14-Mar-2014 15:59:45		

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
80655-44-3 Decahydro-4,4,8,9,10-pentamethylnaphthal								
12.290	89444	9.46	116	80	61716	C15H28	208	
634-66-2 Benzene, 1,2,3,4-tetrachloro-								
12.817	132743	14.0	116	99	65866	C6H2Cl4	214	

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	9.721	472727	50.0

QC Flag Legend

Processing Flags

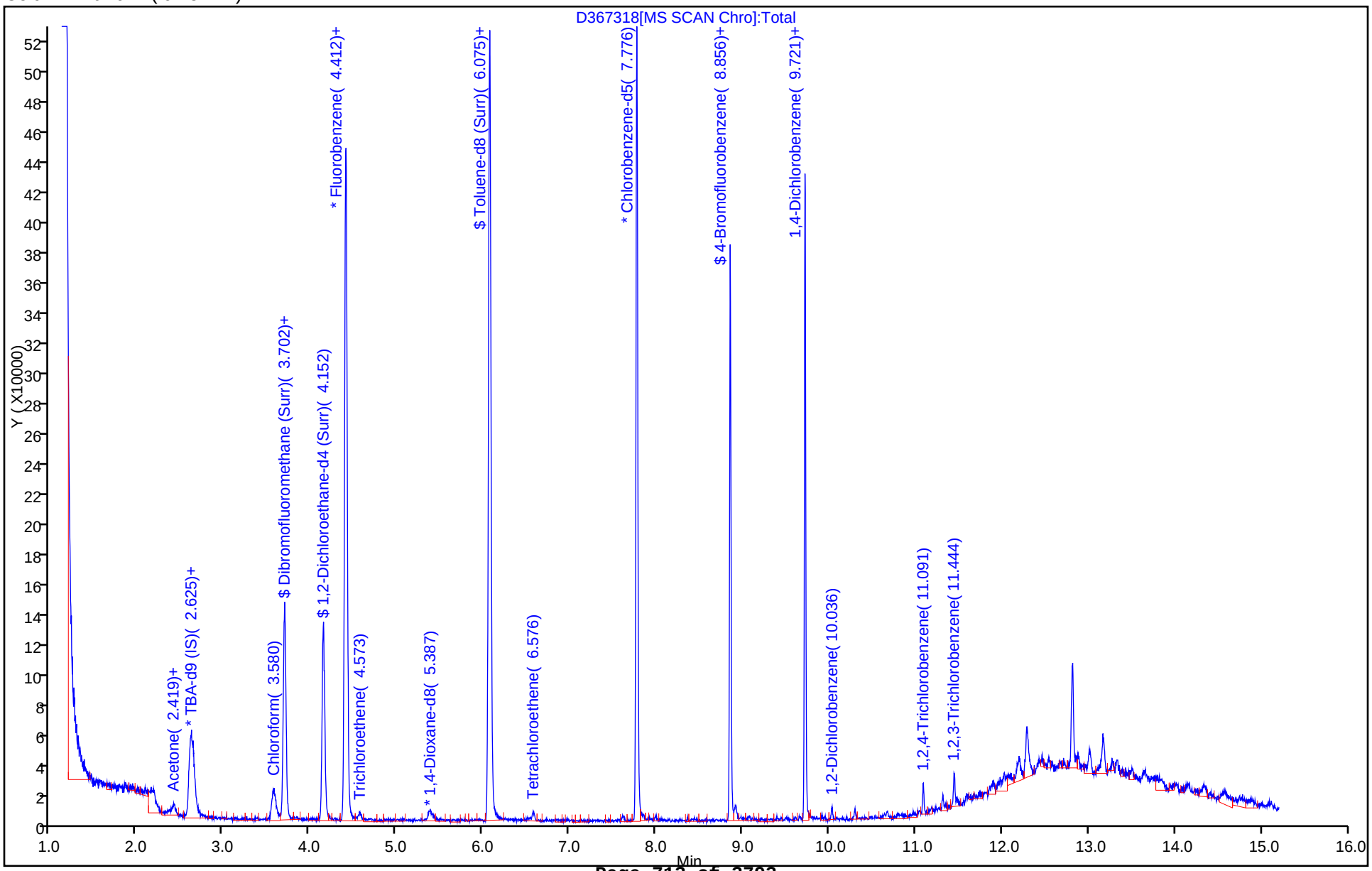
Report Date: 15-Mar-2014 14:27:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367318.D

Injection Date:	13-Mar-2014 22:52:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-C-2-A	Lab Sample ID:	460-72174-2	Worklist Smp#:	11
Client ID:	PMP-23SW-VS				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)

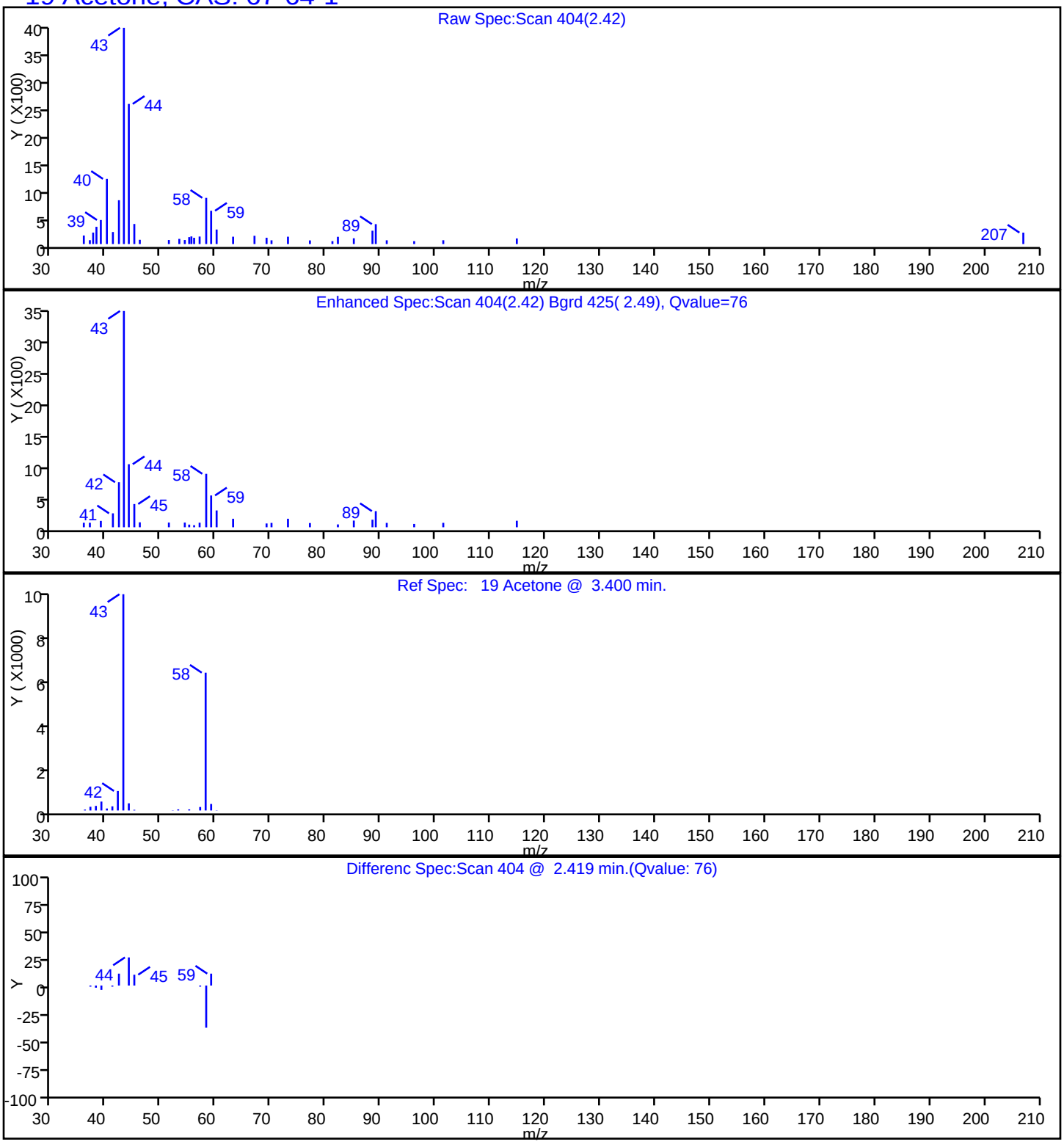


Report Date: 15-Mar-2014 14:27:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367318.D				
Injection Date:	13-Mar-2014 22:52:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-2-A	Lab Sample ID:	460-72174-2		
Client ID:	PMP-23SW-VS				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

19 Acetone, CAS: 67-64-1



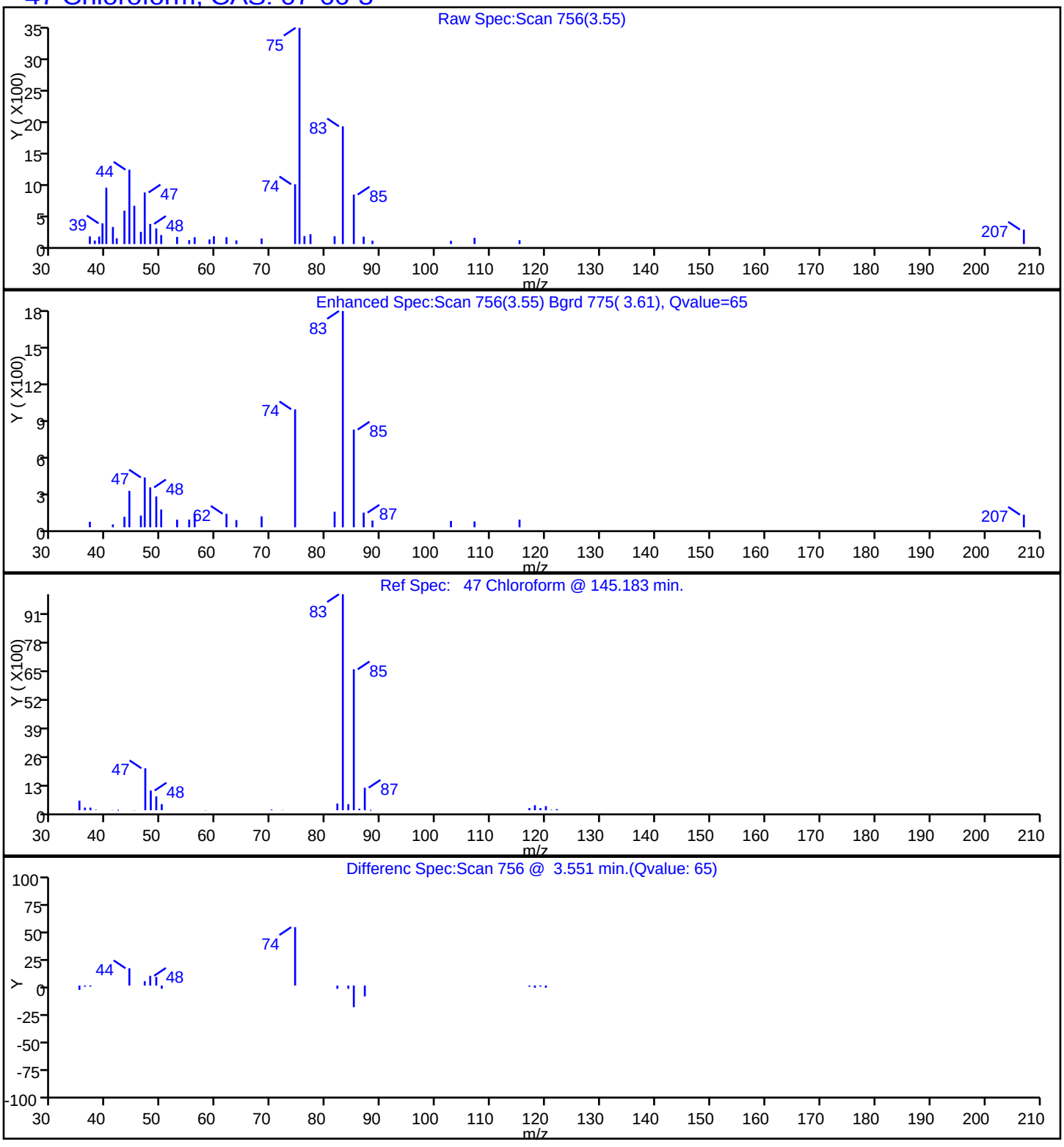
Report Date: 15-Mar-2014 14:27:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367318.D

Injection Date:	13-Mar-2014 22:52:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-2-A	Lab Sample ID:	460-72174-2		
Client ID:	PMP-23SW-VS				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

47 Chloroform, CAS: 67-66-3

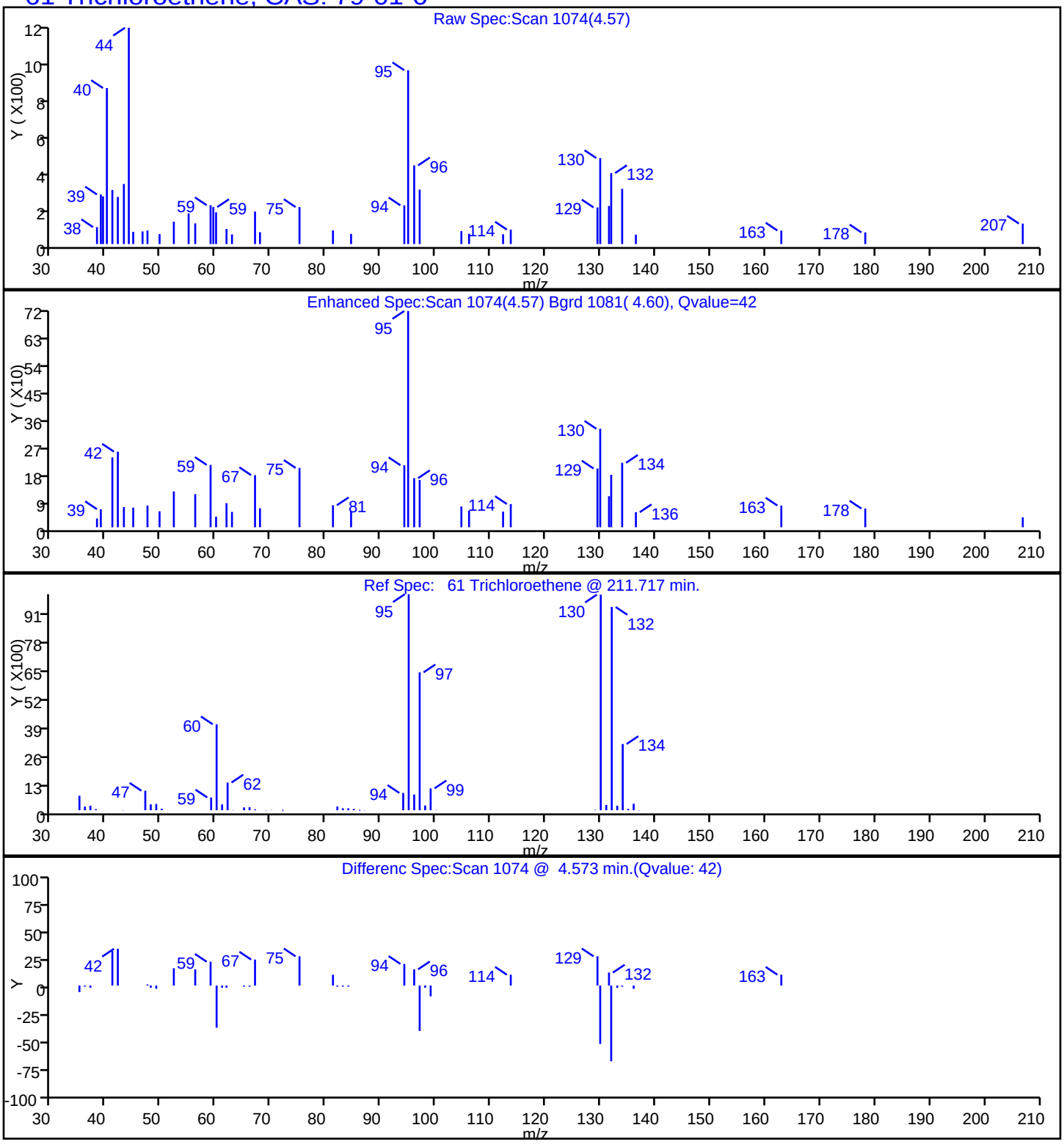


Report Date: 15-Mar-2014 14:27:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367318.D		
Injection Date:	13-Mar-2014 22:52:30	Instrument ID:	CVOAMS4
Lims ID:	460-72174-C-2-A	Lab Sample ID:	460-72174-2
Client ID:	PMP-23SW-VS		
Operator ID:		ALS Bottle#:	10 Worklist Smp#: 11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

61 Trichloroethene, CAS: 79-01-6



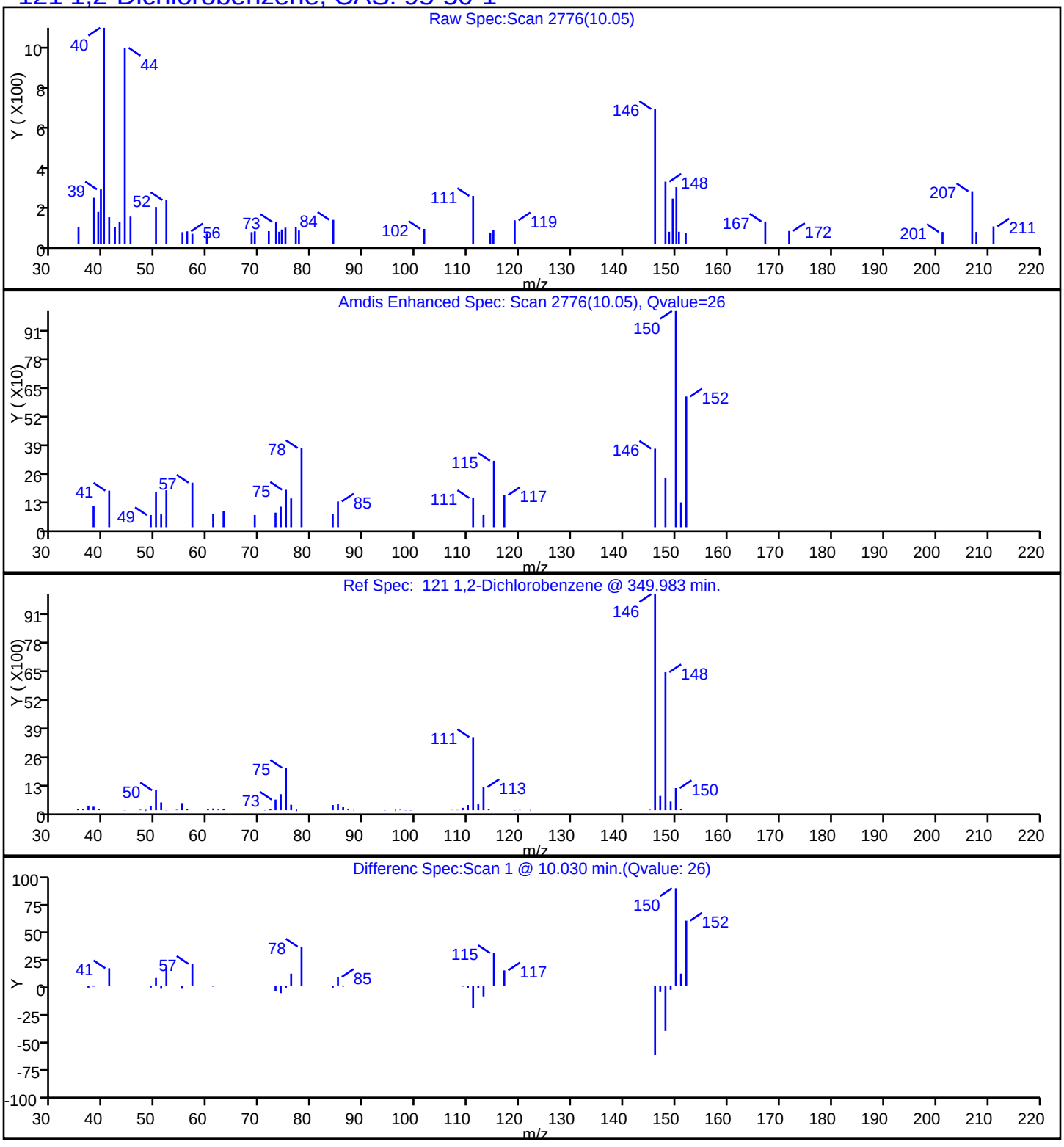
Report Date: 15-Mar-2014 14:27:41 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367318.D

Injection Date:	13-Mar-2014 22:52:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-2-A	Lab Sample ID:	460-72174-2		
Client ID:	PMP-23SW-VS				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

121 1,2-Dichlorobenzene, CAS: 95-50-1



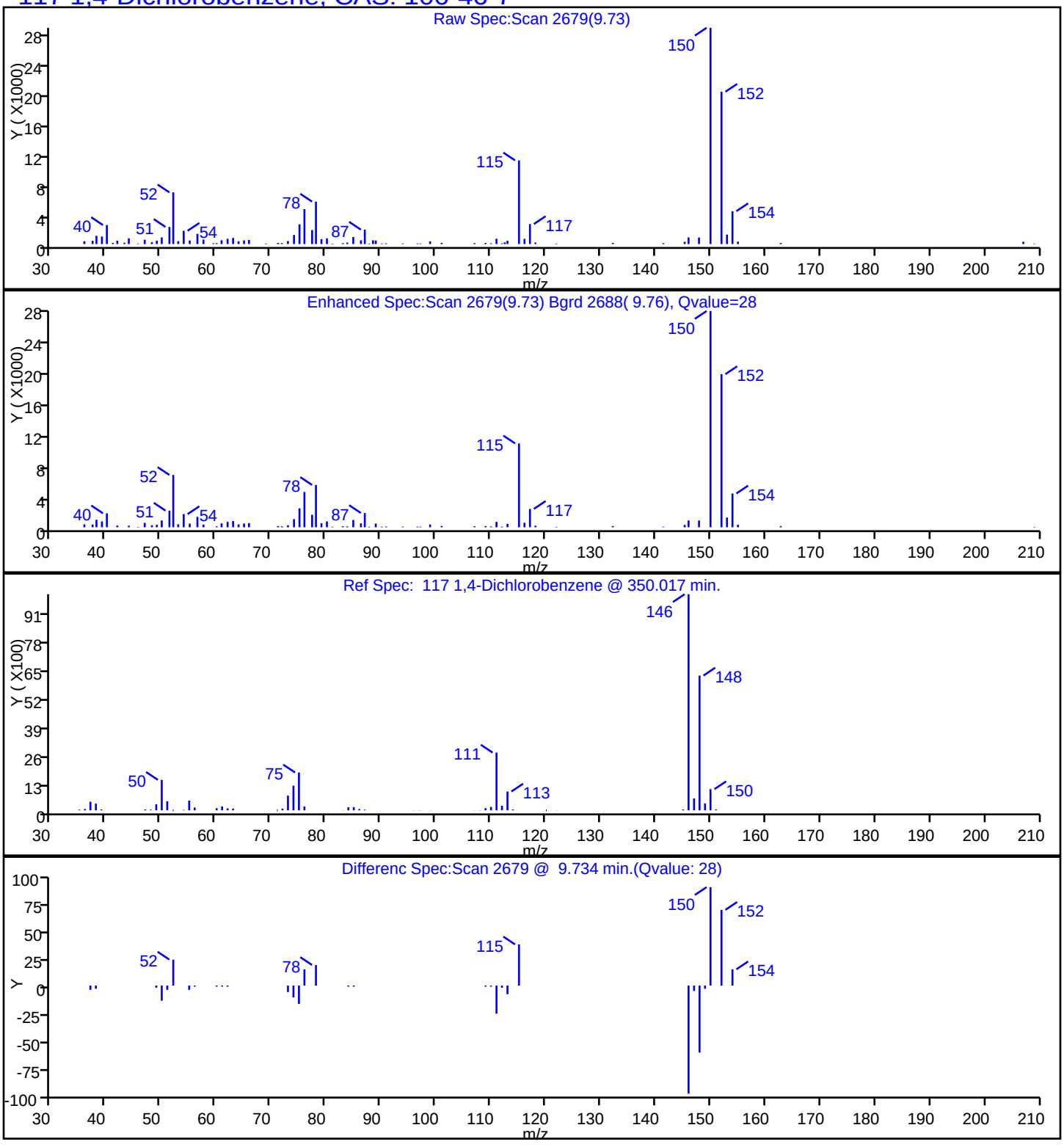
Report Date: 15-Mar-2014 14:27:41 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367318.D

Injection Date:	13-Mar-2014 22:52:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-2-A	Lab Sample ID:	460-72174-2		
Client ID:	PMP-23SW-VS				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

117 1,4-Dichlorobenzene, CAS: 106-46-7



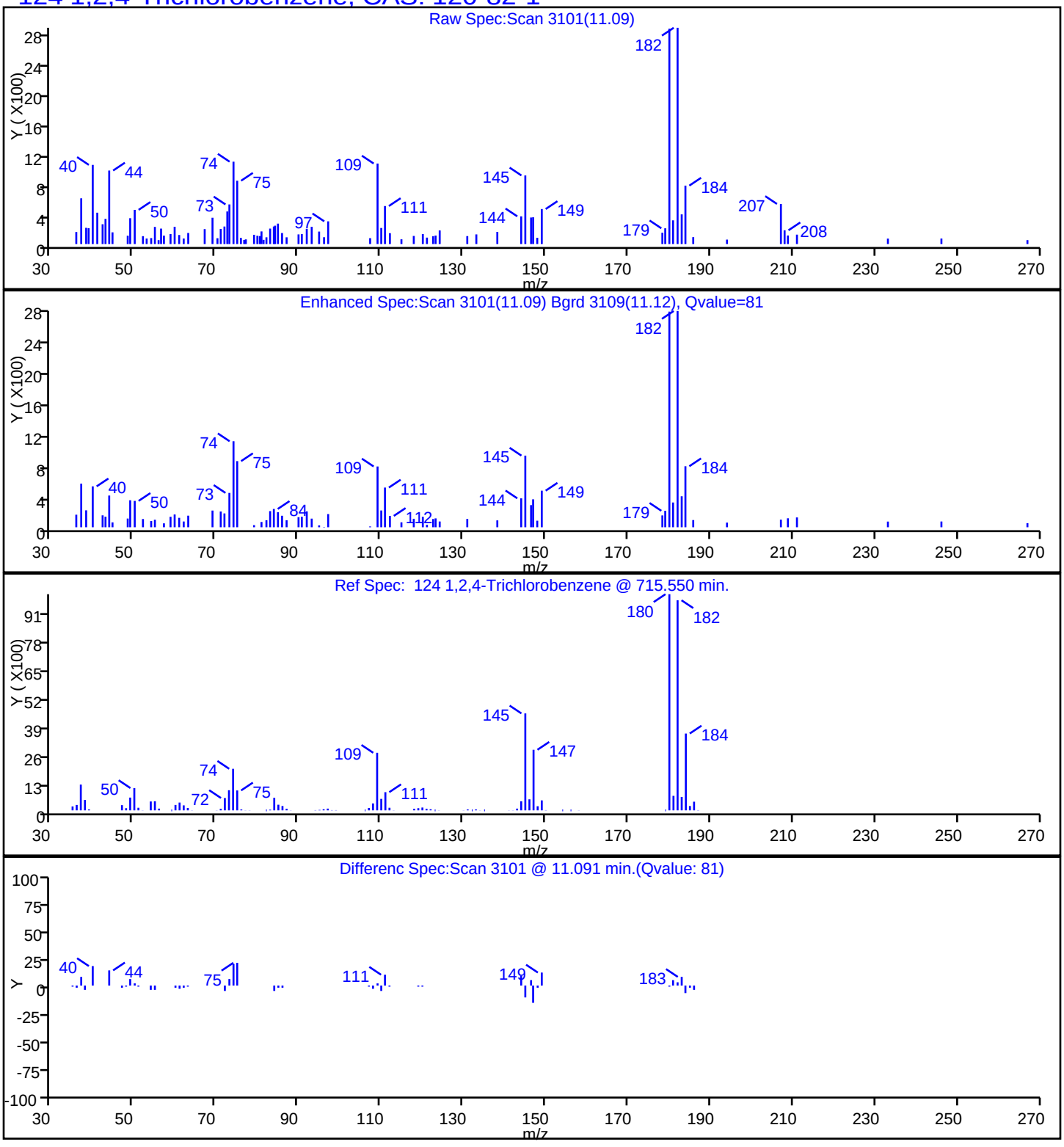
Report Date: 15-Mar-2014 14:27:41 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367318.D

Injection Date:	13-Mar-2014 22:52:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-2-A	Lab Sample ID:	460-72174-2		
Client ID:	PMP-23SW-VS				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



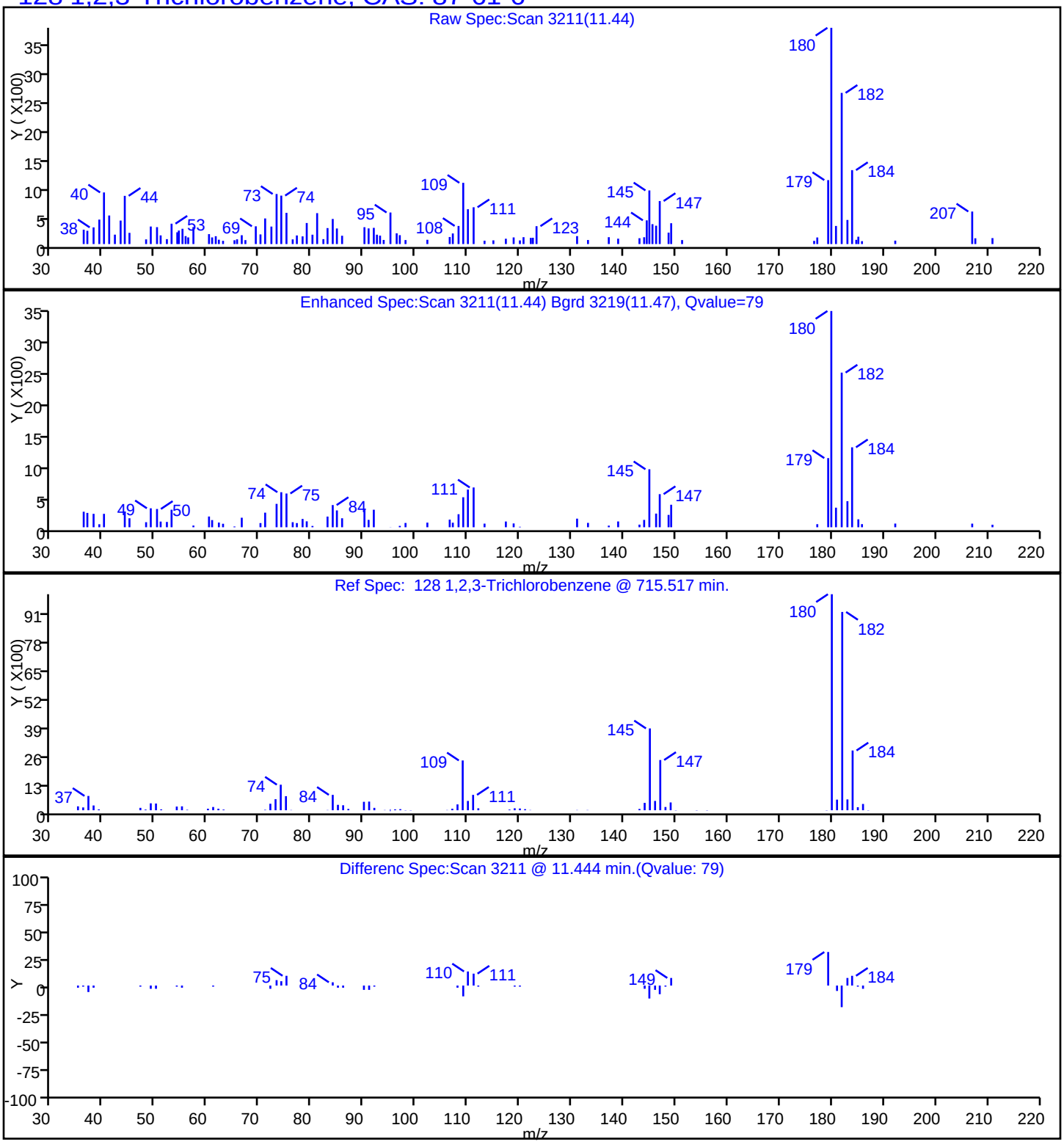
Report Date: 15-Mar-2014 14:27:41 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367318.D

Injection Date:	13-Mar-2014 22:52:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-2-A	Lab Sample ID:	460-72174-2		
Client ID:	PMP-23SW-VS				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6

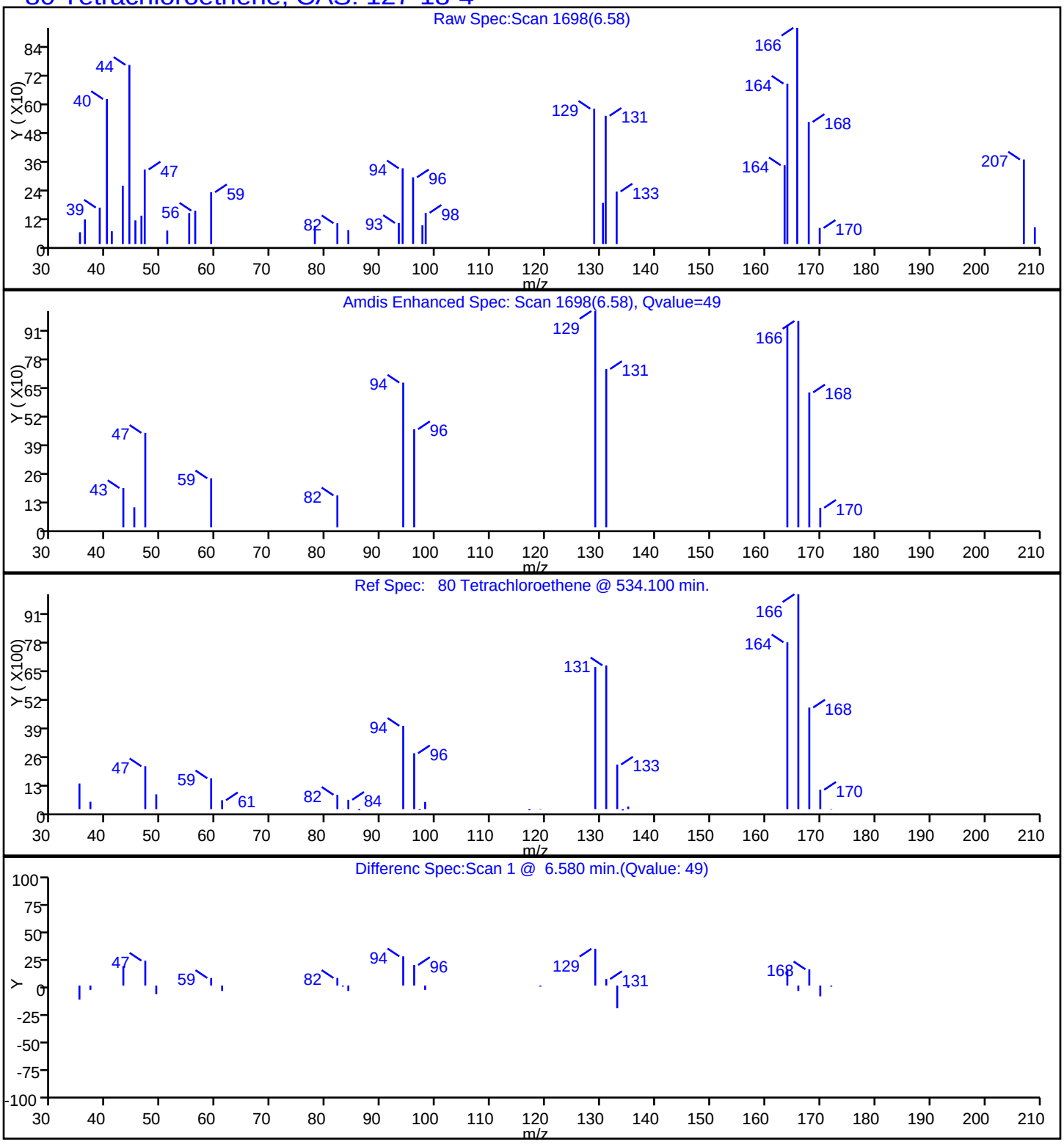


Report Date: 15-Mar-2014 14:27:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367318.D		
Injection Date:	13-Mar-2014 22:52:30	Instrument ID:	CVOAMS4
Lims ID:	460-72174-C-2-A	Lab Sample ID:	460-72174-2
Client ID:	PMP-23SW-VS		
Operator ID:		ALS Bottle#:	10 Worklist Smp#: 11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

80 Tetrachloroethene, CAS: 127-18-4



Manual Integration/User Assign Peak Report

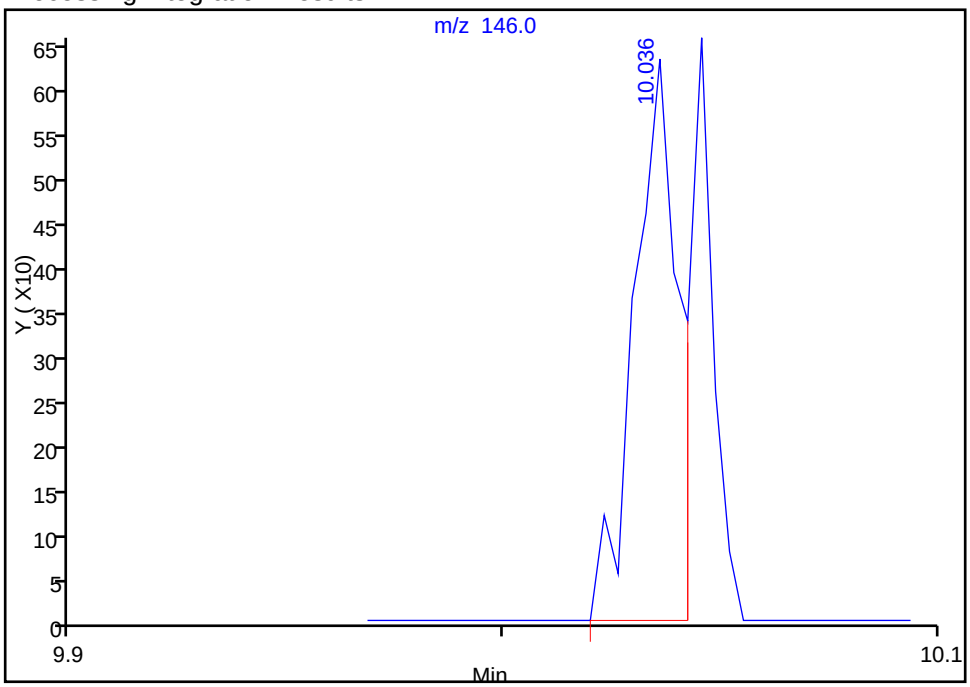
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367318.D				
Injection Date:	13-Mar-2014 22:52:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-2-A	Lab Sample ID:	460-72174-2		
Client ID:	PMP-23SW-VS				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

121 1,2-Dichlorobenzene, CAS: 95-50-1

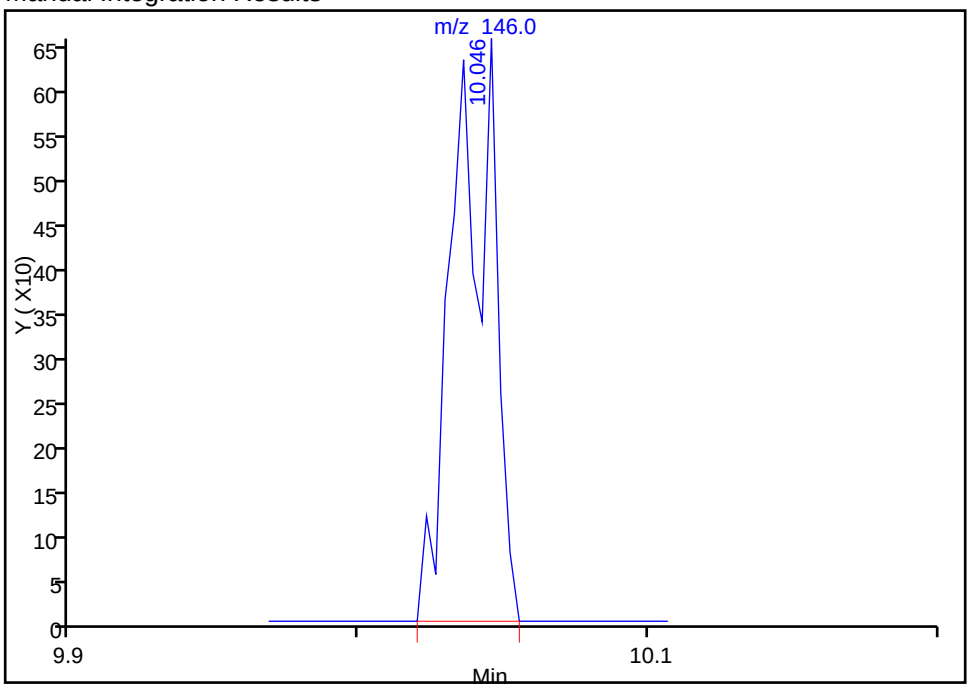
Processing Integration Results

RT: 10.04
Response: 456
Amount: 0.165324



Manual Integration Results

RT: 10.05
Response: 649
Amount: 0.235296



Reviewer: baronm, 15-Mar-2014 14:09:45
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

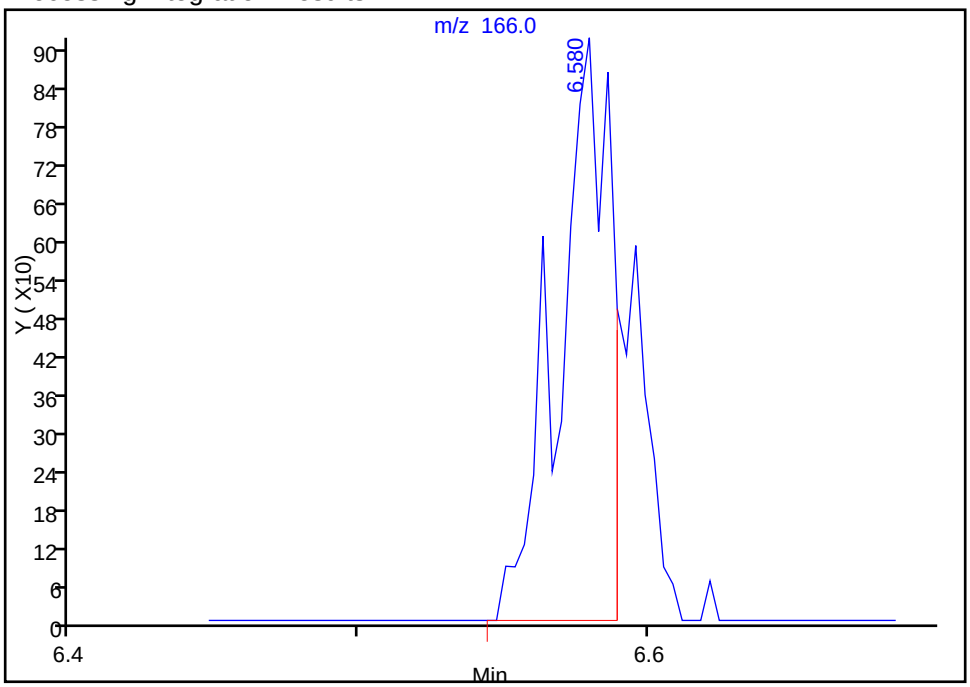
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367318.D				
Injection Date:	13-Mar-2014 22:52:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-2-A	Lab Sample ID:	460-72174-2		
Client ID:	PMP-23SW-VS				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

80 Tetrachloroethene, CAS: 127-18-4

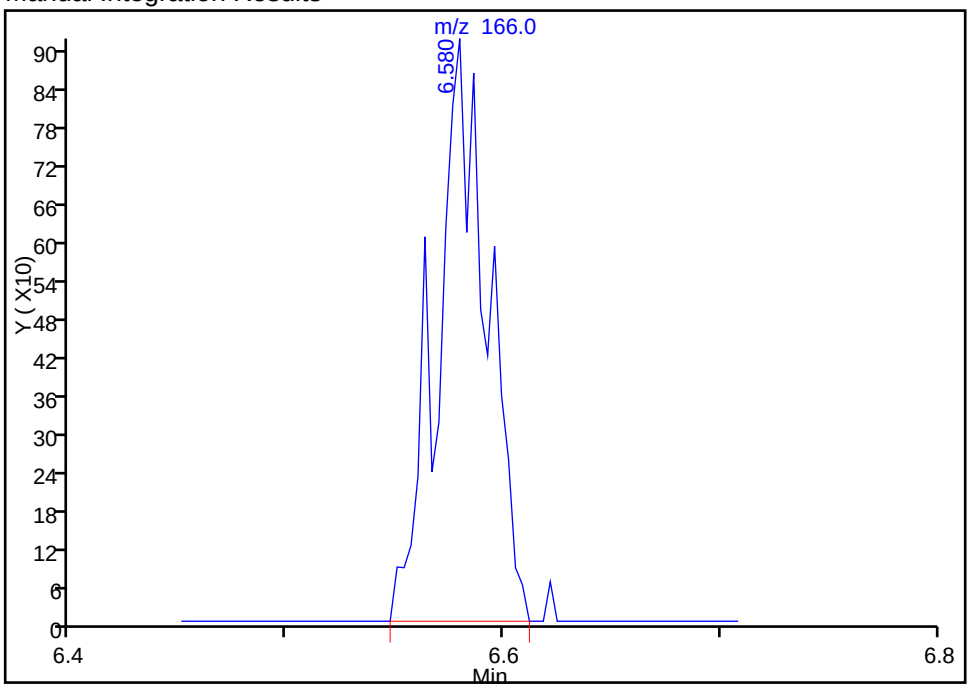
Processing Integration Results

RT: 6.58
Response: 1151
Amount: 0.439361



Manual Integration Results

RT: 6.58
Response: 1490
Amount: 0.568764



Reviewer: baronm, 15-Mar-2014 14:09:45
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Report Date: 15-Mar-2014 14:27:41 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367318.D

Injection Date: 13-Mar-2014 22:52:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-2-A Lab Sample ID: 460-72174-2

Client ID: PMP-23SW-VS

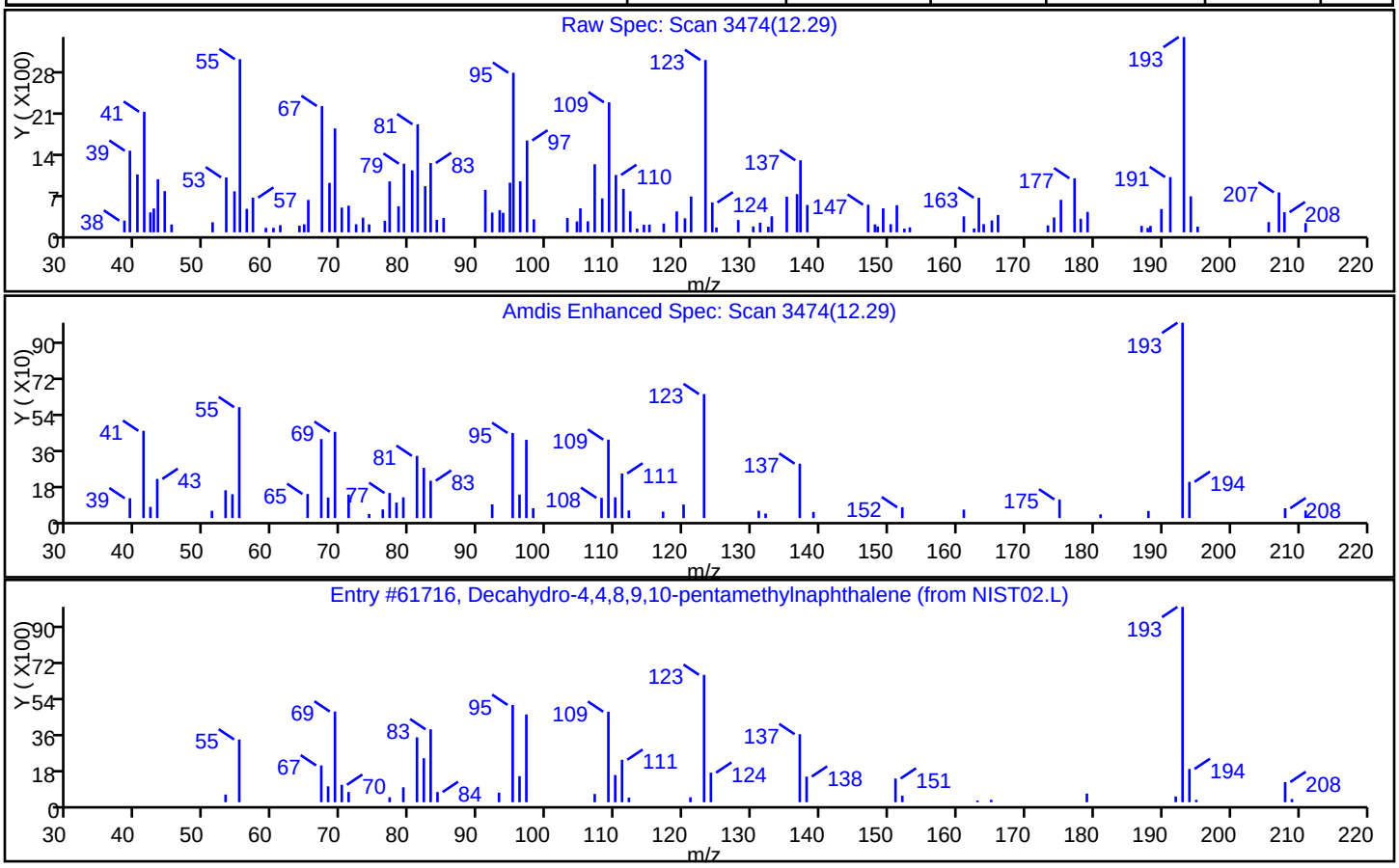
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	C15H28	208	80



Report Date: 15-Mar-2014 14:27:41 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367318.D

Injection Date: 13-Mar-2014 22:52:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-2-A Lab Sample ID: 460-72174-2

Client ID: PMP-23SW-VS

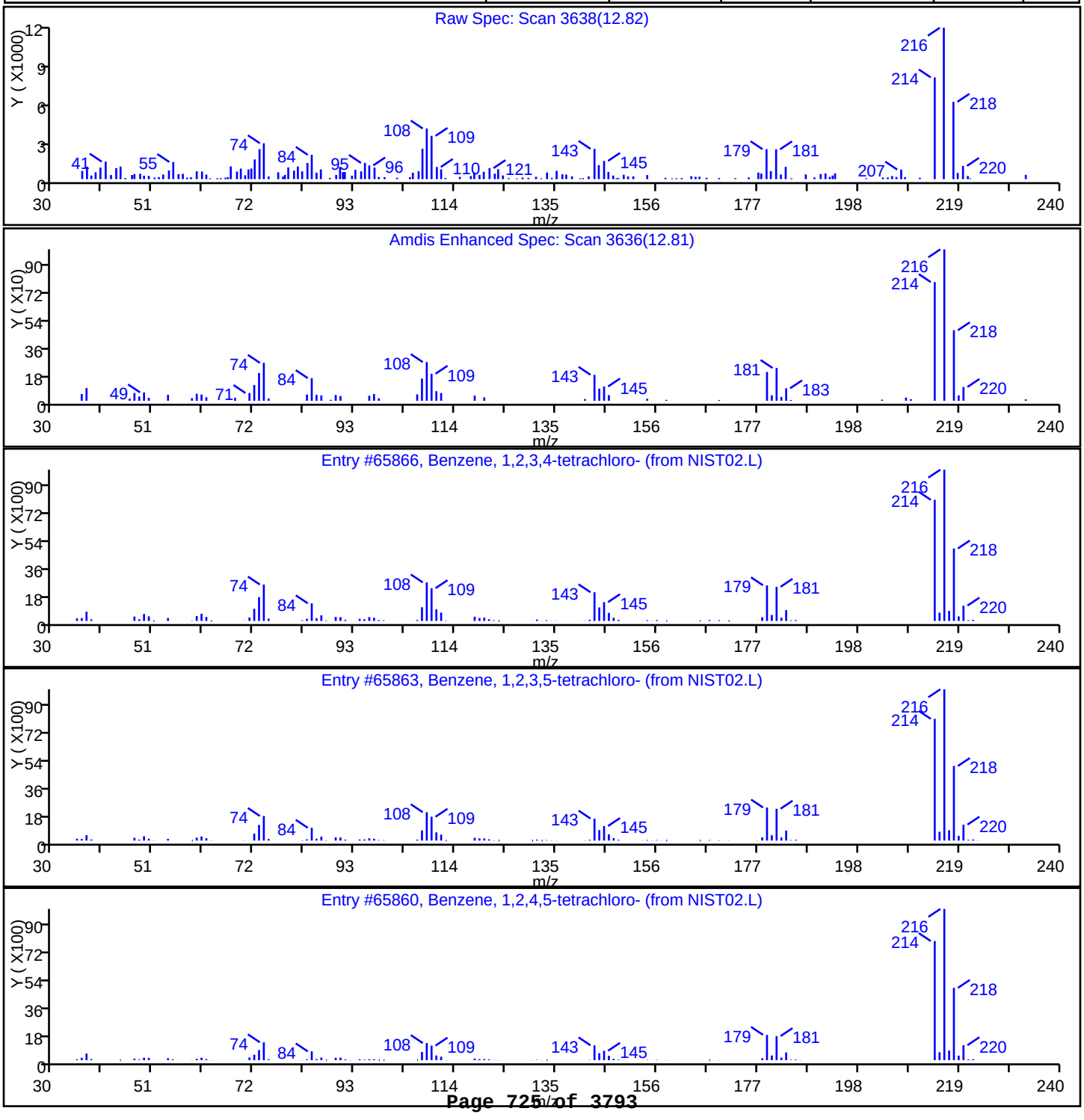
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3,4-tetrachloro-	634-66-2	NIST02.L	65866	C6H2Cl4	214	99
Benzene, 1,2,3,5-tetrachloro-	634-90-2	NIST02.L	65863	C6H2Cl4	214	98
Benzene, 1,2,4,5-tetrachloro-	95-94-3	NIST02.L	65860	C6H2Cl4	214	98



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-VD | Lab Sample ID: 460-72174-3

Matrix: Solid | Lab File ID: D367316.D

Analysis Method: 8260B | Date Collected: 03/06/2014 09:40

Sample wt/vol: 3.758(g) | Date Analyzed: 03/13/2014 22:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.4 | Level: (low/med) Low

Analysis Batch No.: 212478 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.23	U	1.4	0.23
74-83-9	Bromomethane	0.61	U	1.4	0.61
75-01-4	Vinyl chloride	0.48	U	1.4	0.48
75-00-3	Chloroethane	0.47	U	1.4	0.47
75-09-2	Methylene Chloride	0.21	U	1.4	0.21
67-64-1	Acetone	22	B	7.1	2.4
75-15-0	Carbon disulfide	0.21	U	1.4	0.21
75-69-4	Trichlorofluoromethane	0.23	U	1.4	0.23
75-35-4	1,1-Dichloroethene	0.27	U	1.4	0.27
75-34-3	1,1-Dichloroethane	0.16	U	1.4	0.16
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.4	0.18
156-59-2	cis-1,2-Dichloroethene	0.16	U	1.4	0.16
67-66-3	Chloroform	7.4		1.4	0.34
78-93-3	2-Butanone	0.90	U	7.1	0.90
107-06-2	1,2-Dichloroethane	0.26	U	1.4	0.26
71-55-6	1,1,1-Trichloroethane	0.18	U	1.4	0.18
56-23-5	Carbon tetrachloride	0.21	U	1.4	0.21
71-43-2	Benzene	0.21	U	1.4	0.21
75-25-2	Bromoform	0.24	U	1.4	0.24
100-42-5	Styrene	0.40	U	1.4	0.40
100-41-4	Ethylbenzene	0.24	U	1.4	0.24
108-90-7	Chlorobenzene	0.26	U	1.4	0.26
110-82-7	Cyclohexane	0.18	U	1.4	0.18
98-82-8	Isopropylbenzene	0.16	U	1.4	0.16
591-78-6	2-Hexanone	0.18	U	7.1	0.18
1634-04-4	MTBE	0.16	U	1.4	0.16
76-13-1	Freon TF	0.16	U	1.4	0.16
79-20-9	Methyl acetate	0.45	U	7.1	0.45
123-91-1	1,4-Dioxane	18	U	28	18
79-01-6	Trichloroethene	2.4		1.4	0.17
108-88-3	Toluene	0.20	U	1.4	0.20
10061-02-6	trans-1,3-Dichloropropene	0.14	U	1.4	0.14
108-10-1	4-Methyl-2-pentanone	0.28	U	7.1	0.28
10061-01-5	cis-1,3-Dichloropropene	0.20	U	1.4	0.20
95-50-1	1,2-Dichlorobenzene	0.14	U	1.4	0.14
541-73-1	1,3-Dichlorobenzene	0.23	U	1.4	0.23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-VD | Lab Sample ID: 460-72174-3

Matrix: Solid | Lab File ID: D367316.D

Analysis Method: 8260B | Date Collected: 03/06/2014 09:40

Sample wt/vol: 3.758(g) | Date Analyzed: 03/13/2014 22:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.4 | Level: (low/med) Low

Analysis Batch No.: 212478 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.40	J	1.4	0.16
120-82-1	1,2,4-Trichlorobenzene	1.5		1.4	0.27
87-61-6	1,2,3-Trichlorobenzene	1.3	J	1.4	0.23
78-87-5	1,2-Dichloropropane	0.21	U	1.4	0.21
108-87-2	Methylcyclohexane	0.14	U	1.4	0.14
127-18-4	Tetrachloroethene	1.8		1.4	0.17
1330-20-7	Xylenes, Total	0.95	U	2.8	0.95
96-12-8	1,2-Dibromo-3-Chloropropane	0.63	U	1.4	0.63
79-34-5	1,1,2,2-Tetrachloroethane	0.13	U	1.4	0.13
79-00-5	1,1,2-Trichloroethane	0.20	U	1.4	0.20
124-48-1	Dibromochloromethane	0.14	U	1.4	0.14
106-93-4	1,2-Dibromoethane	0.21	U	1.4	0.21
75-71-8	Dichlorodifluoromethane	0.31	U	1.4	0.31
74-97-5	Bromochloromethane	0.16	U	1.4	0.16
75-27-4	Bromodichloromethane	0.45	U	1.4	0.45

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	103		70-130
460-00-4	Bromofluorobenzene	114		70-130
1868-53-7	Dibromofluoromethane (Surr)	93		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-VD Lab Sample ID: 460-72174-3

Matrix: Solid Lab File ID: D367316.D

Analysis Method: 8260B Date Collected: 03/06/2014 09:40

Sample wt/vol: 3.758(g) Date Analyzed: 03/13/2014 22:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.4 Level: (low/med) Low

Analysis Batch No.: 212478 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367316.D
Lims ID: 460-72174-C-3-A Lab Sample ID: 460-72174-3
Client ID: PMP-23SW-VD
Sample Type: Client
Inject. Date: 13-Mar-2014 22:06:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-3-A
Misc. Info.: 460-0010833-009
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 14:07:14 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: baronm Date: 15-Mar-2014 14:07:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	2.406	2.413	-0.007	75	9380	15.7	
* 151 TBA-d9 (IS)	65	2.606	2.635	-0.029	62	120821	1000.0	
47 Chloroform	83	3.545	3.551	-0.006	85	25569	5.18	
$ 152 Dibromofluoromethane (Surr)	113	3.693	3.699	-0.006	90	86974	46.3	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.143	4.146	-0.003	93	80710	49.3	
* 59 Fluorobenzene	96	4.406	4.410	-0.004	88	427462	50.0	
61 Trichloroethene	95	4.577	4.570	0.007	66	4926	1.66	
* 150 1,4-Dioxane-d8	96	5.374	5.377	-0.003	1	7173	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.069	6.075	-0.006	97	387485	51.5	
80 Tetrachloroethene	166	6.583	6.577	0.006	65	3148	1.27	
* 87 Chlorobenzene-d5	117	7.776	7.776	0.0	87	217805	50.0	
$ 99 4-Bromofluorobenzene	174	8.860	8.856	0.004	80	64161	56.9	
* 116 1,4-Dichlorobenzene-d4	152	9.721	9.721	0.0	91	76723	50.0	
117 1,4-Dichlorobenzene	146	9.728	9.734	-0.006	30	947	0.2782	
124 1,2,4-Trichlorobenzene	180	11.091	11.091	0.0	77	2365	1.07	
128 1,2,3-Trichlorobenzene	180	11.454	11.448	0.006	70	1651	0.8917	

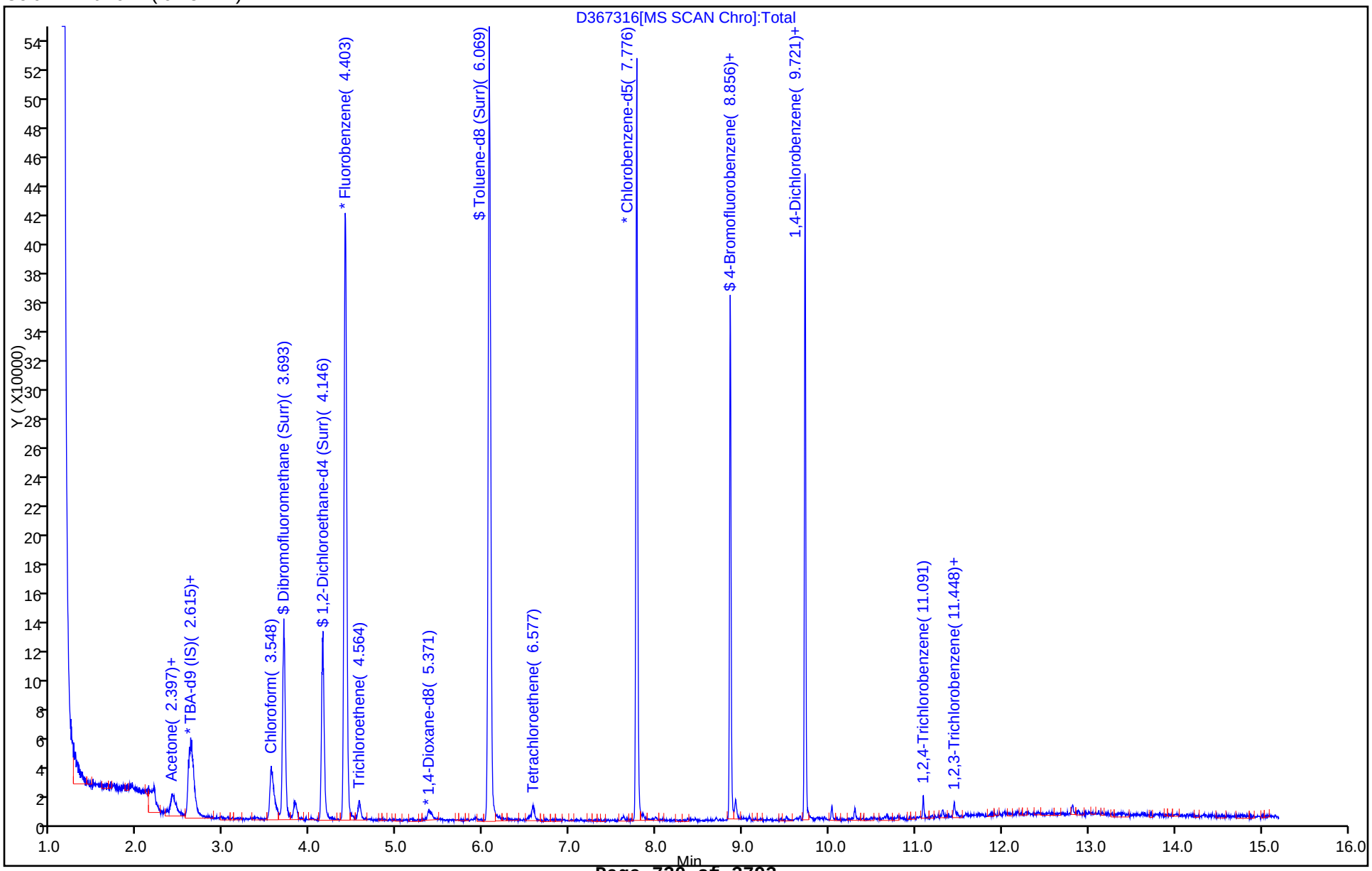
Report Date: 15-Mar-2014 14:07:14 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367316.D

Injection Date:	13-Mar-2014 22:06:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-C-3-A	Lab Sample ID:	460-72174-3	Worklist Smp#:	9
Client ID:	PMP-23SW-VD				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



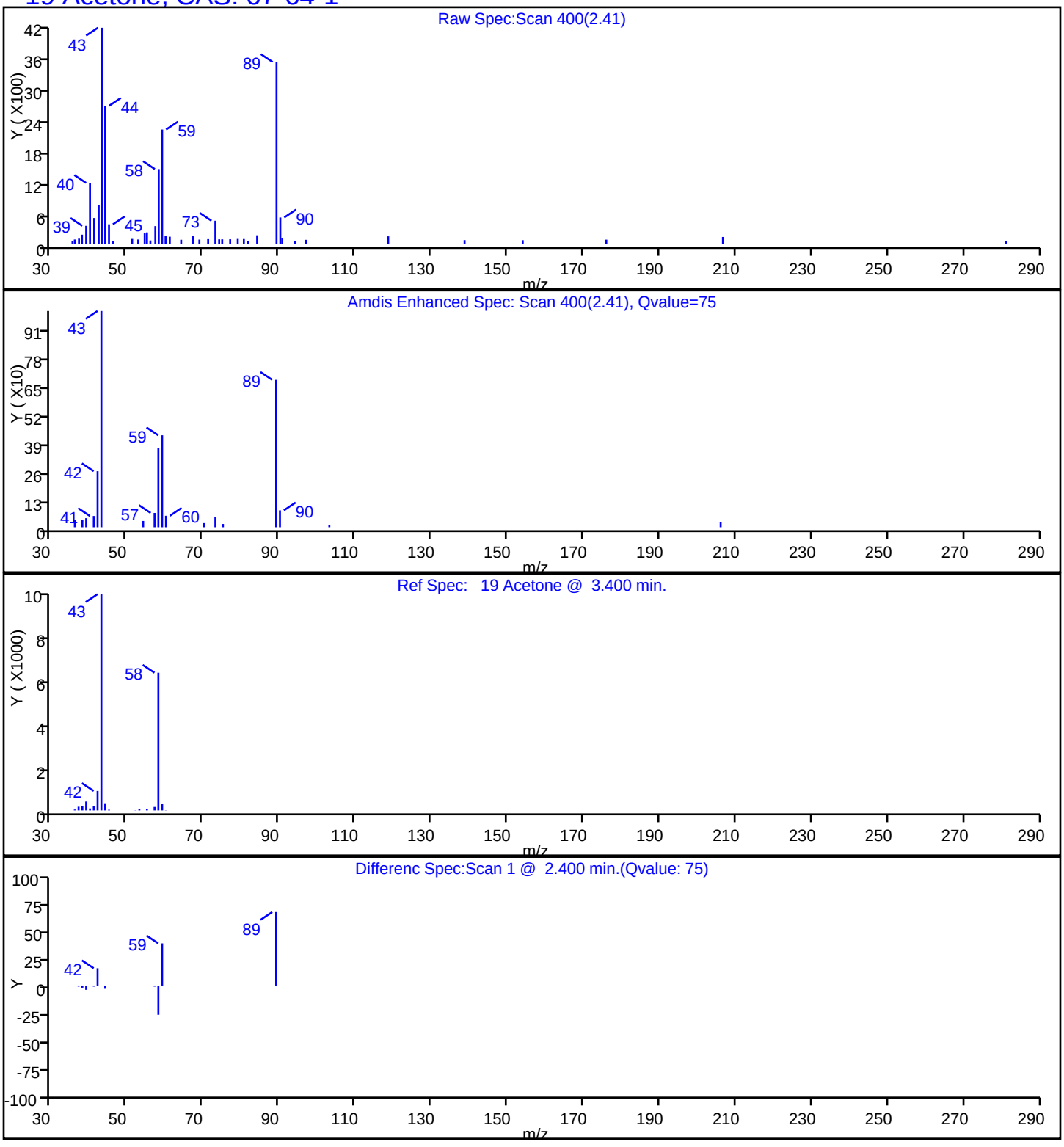
Report Date: 15-Mar-2014 14:07:14 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367316.D

Injection Date:	13-Mar-2014 22:06:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-3-A	Lab Sample ID:	460-72174-3		
Client ID:	PMP-23SW-VD				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

19 Acetone, CAS: 67-64-1

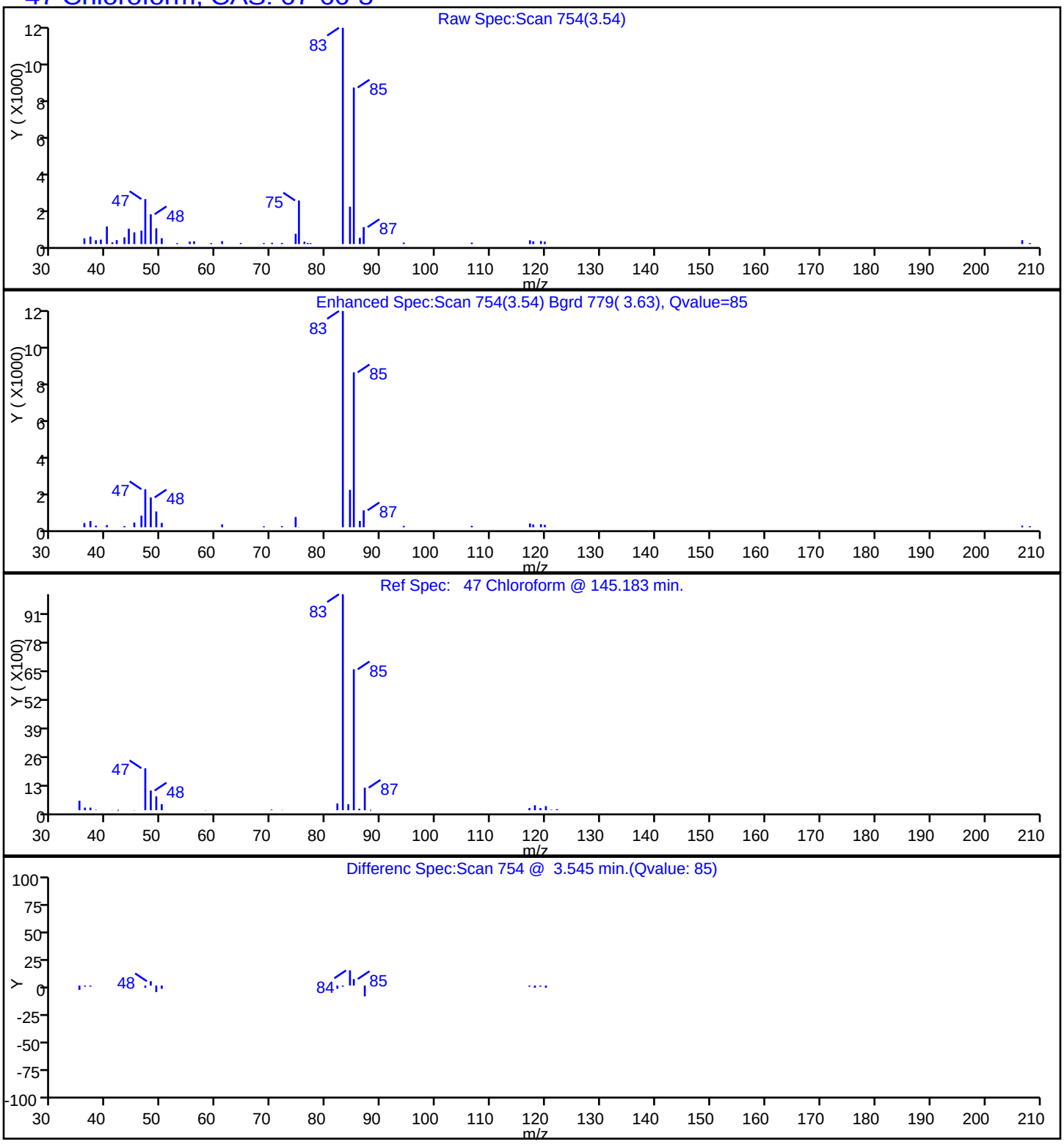


Report Date: 15-Mar-2014 14:07:14 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367316.D				
Injection Date:	13-Mar-2014 22:06:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-3-A	Lab Sample ID:	460-72174-3		
Client ID:	PMP-23SW-VD				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

47 Chloroform, CAS: 67-66-3

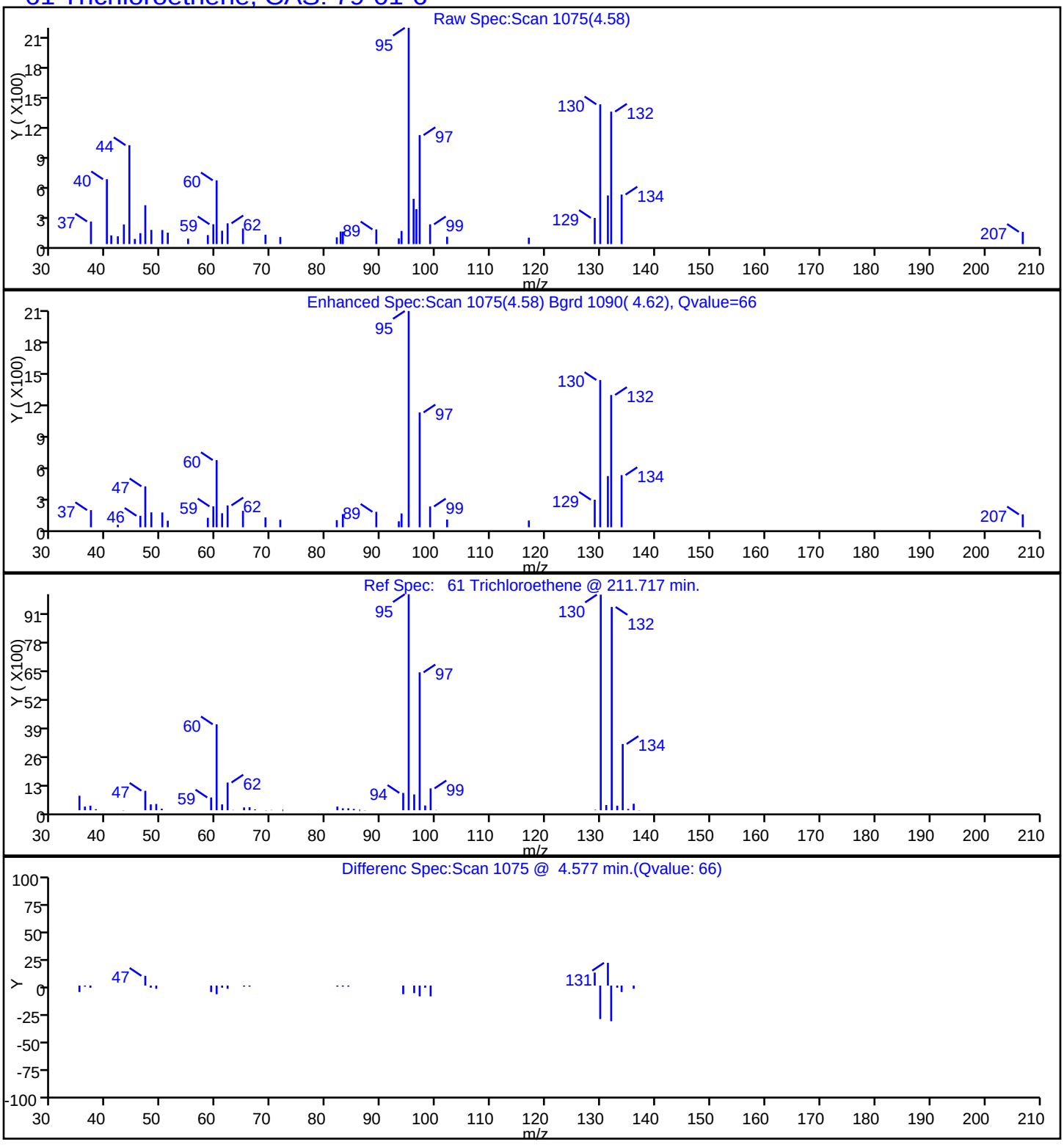


Report Date: 15-Mar-2014 14:07:14 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367316.D		
Injection Date:	13-Mar-2014 22:06:30	Instrument ID:	CVOAMS4
Lims ID:	460-72174-C-3-A	Lab Sample ID:	460-72174-3
Client ID:	PMP-23SW-VD		
Operator ID:		ALS Bottle#:	8 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

61 Trichloroethene, CAS: 79-01-6



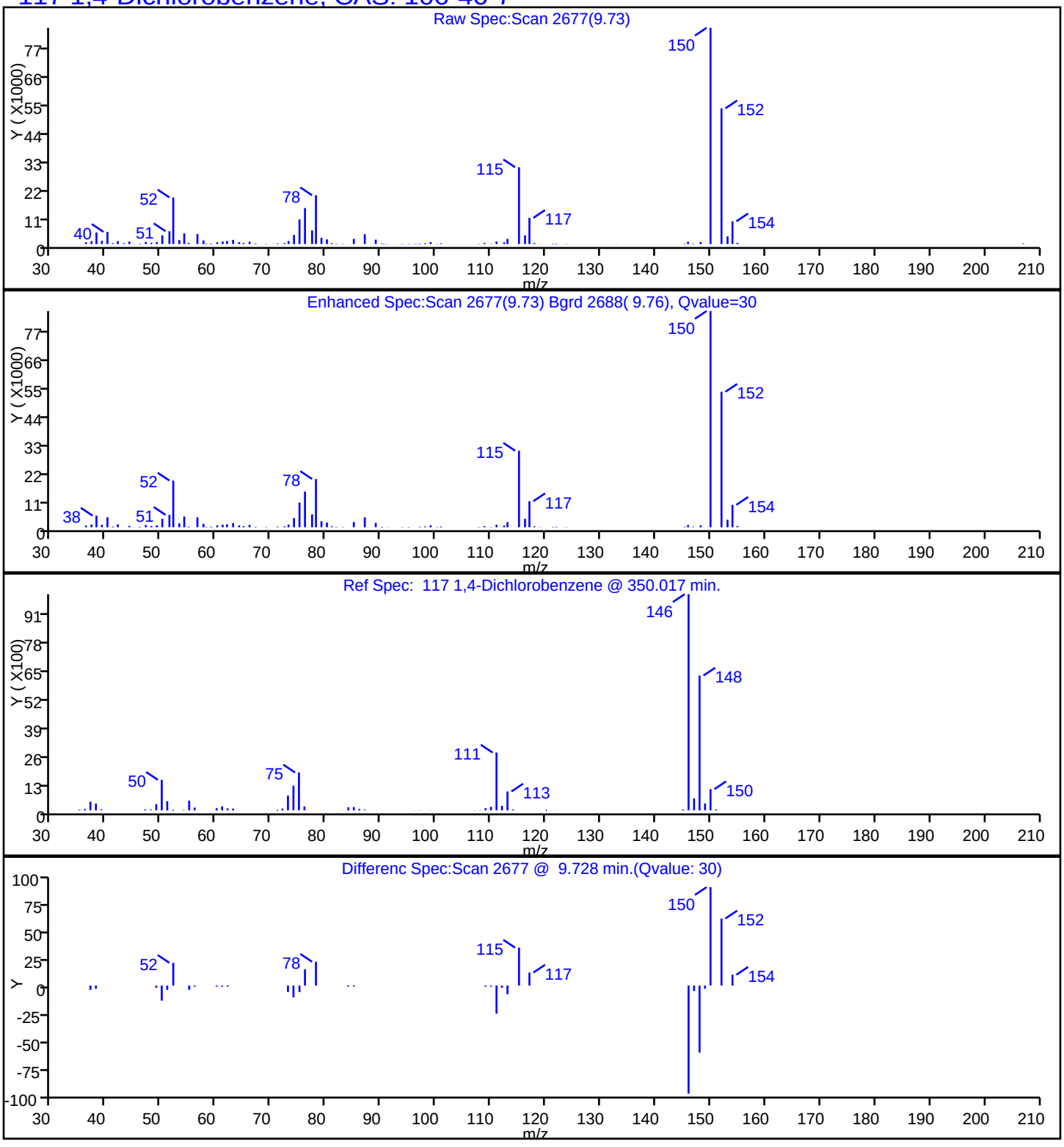
Report Date: 15-Mar-2014 14:07:14 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367316.D

Injection Date:	13-Mar-2014 22:06:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-3-A	Lab Sample ID:	460-72174-3		
Client ID:	PMP-23SW-VD				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

117 1,4-Dichlorobenzene, CAS: 106-46-7

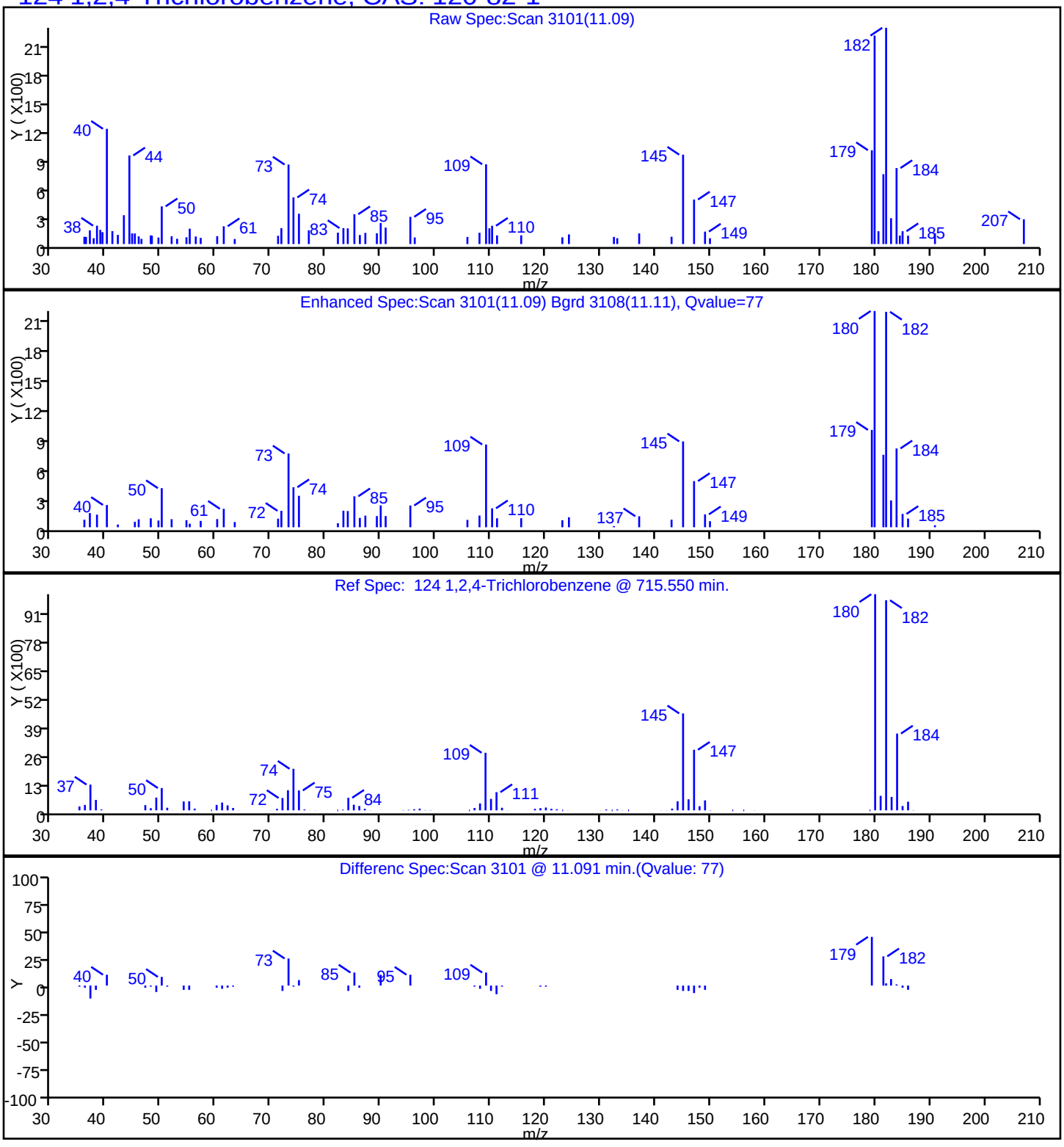


Report Date: 15-Mar-2014 14:07:14 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367316.D				
Injection Date:	13-Mar-2014 22:06:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-3-A	Lab Sample ID:	460-72174-3		
Client ID:	PMP-23SW-VD				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



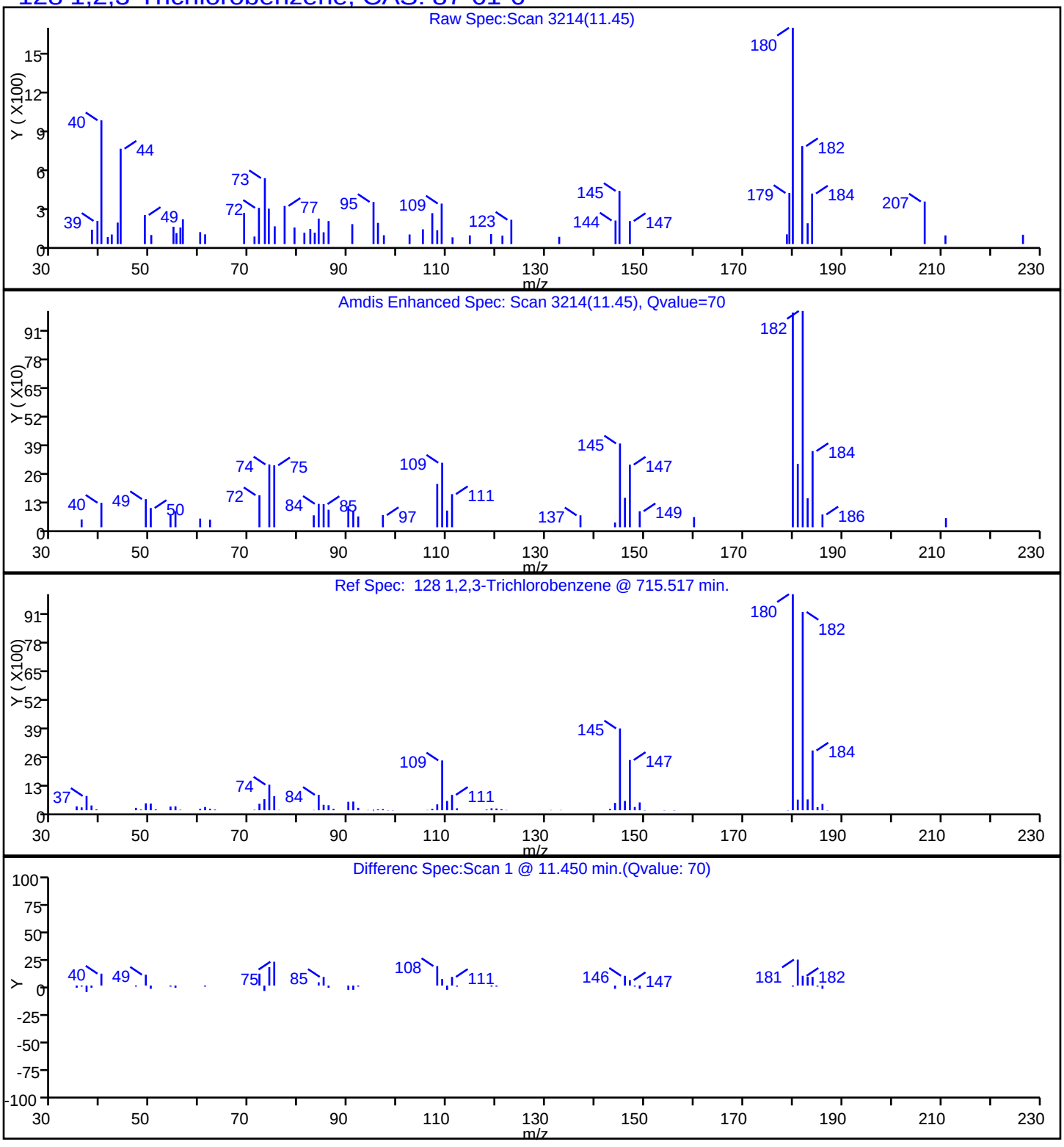
Report Date: 15-Mar-2014 14:07:14 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367316.D

Injection Date:	13-Mar-2014 22:06:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-3-A	Lab Sample ID:	460-72174-3		
Client ID:	PMP-23SW-VD				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6

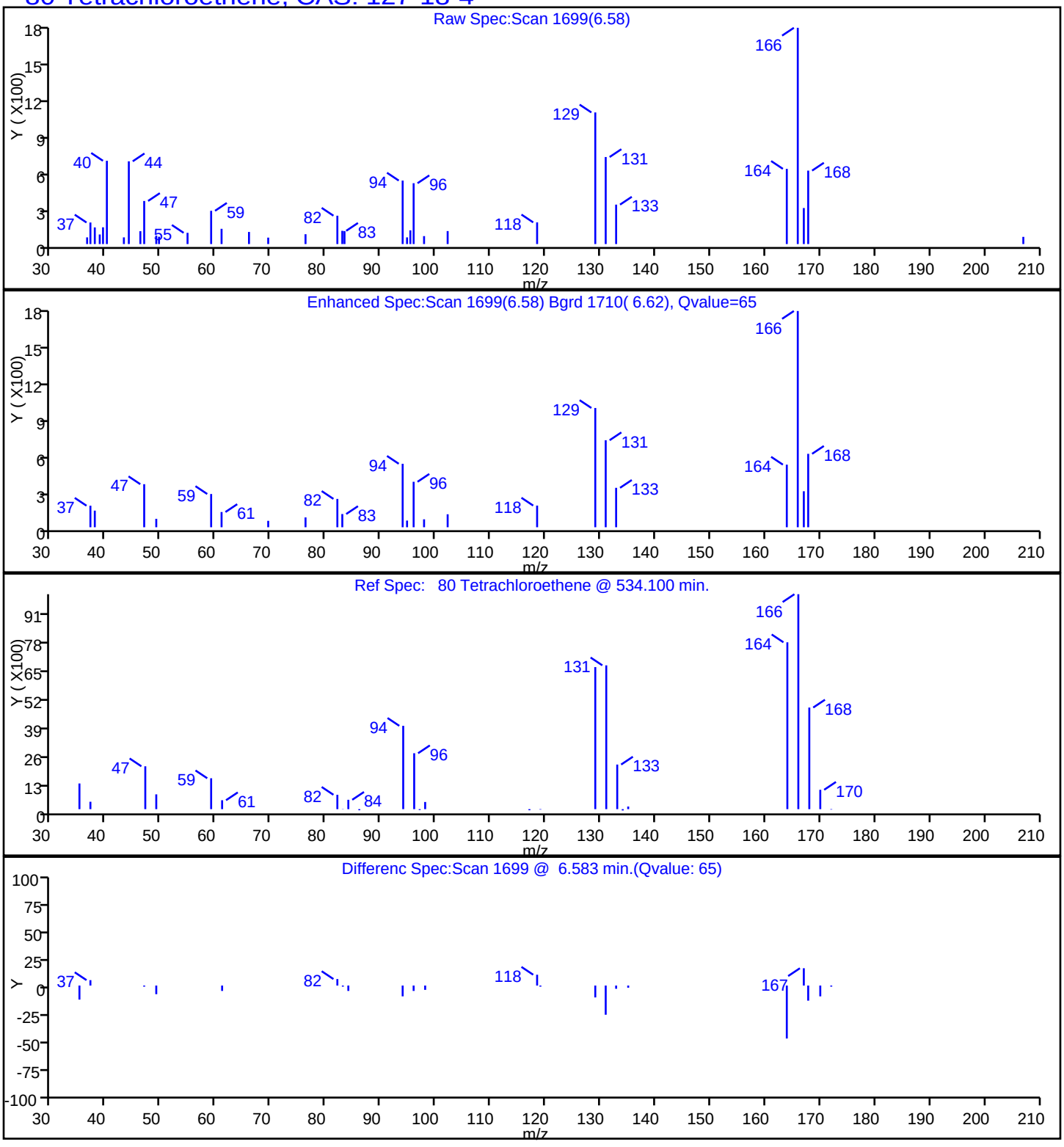


Report Date: 15-Mar-2014 14:07:14 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367316.D		
Injection Date:	13-Mar-2014 22:06:30	Instrument ID:	CVOAMS4
Lims ID:	460-72174-C-3-A	Lab Sample ID:	460-72174-3
Client ID:	PMP-23SW-VD		
Operator ID:		ALS Bottle#:	8 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

80 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-WT | Lab Sample ID: 460-72174-4

Matrix: Solid | Lab File ID: D367290.D

Analysis Method: 8260B | Date Collected: 03/06/2014 09:45

Sample wt/vol: 6.656(g) | Date Analyzed: 03/13/2014 10:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.0 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.13	U	0.83	0.13
74-83-9	Bromomethane	0.35	U	0.83	0.35
75-01-4	Vinyl chloride	0.28	U	0.83	0.28
75-00-3	Chloroethane	0.27	U	0.83	0.27
75-09-2	Methylene Chloride	0.12	U	0.83	0.12
67-64-1	Acetone	1.4	U	4.1	1.4
75-15-0	Carbon disulfide	0.12	U	0.83	0.12
75-69-4	Trichlorofluoromethane	0.13	U	0.83	0.13
75-35-4	1,1-Dichloroethene	0.16	U	0.83	0.16
75-34-3	1,1-Dichloroethane	0.091	U	0.83	0.091
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.83	0.11
156-59-2	cis-1,2-Dichloroethene	0.091	U	0.83	0.091
67-66-3	Chloroform	0.80	J	0.83	0.20
78-93-3	2-Butanone	0.52	U	4.1	0.52
107-06-2	1,2-Dichloroethane	0.15	U	0.83	0.15
71-55-6	1,1,1-Trichloroethane	0.11	U	0.83	0.11
56-23-5	Carbon tetrachloride	0.12	U	0.83	0.12
71-43-2	Benzene	0.12	U	0.83	0.12
75-25-2	Bromoform	0.14	U	0.83	0.14
100-42-5	Styrene	0.23	U	0.83	0.23
100-41-4	Ethylbenzene	0.14	U	0.83	0.14
108-90-7	Chlorobenzene	0.15	U	0.83	0.15
110-82-7	Cyclohexane	0.11	U	0.83	0.11
98-82-8	Isopropylbenzene	0.091	U	0.83	0.091
591-78-6	2-Hexanone	0.11	U	4.1	0.11
1634-04-4	MTBE	0.091	U	0.83	0.091
76-13-1	Freon TF	0.091	U	0.83	0.091
79-20-9	Methyl acetate	0.26	U	4.1	0.26
123-91-1	1,4-Dioxane	10	U	17	10
79-01-6	Trichloroethene	0.24	J	0.83	0.099
108-88-3	Toluene	0.12	U	0.83	0.12
10061-02-6	trans-1,3-Dichloropropene	0.083	U	0.83	0.083
108-10-1	4-Methyl-2-pentanone	0.17	U	4.1	0.17
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.83	0.12
95-50-1	1,2-Dichlorobenzene	0.083	U	0.83	0.083
541-73-1	1,3-Dichlorobenzene	0.13	U	0.83	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-WT | Lab Sample ID: 460-72174-4

Matrix: Solid | Lab File ID: D367290.D

Analysis Method: 8260B | Date Collected: 03/06/2014 09:45

Sample wt/vol: 6.656(g) | Date Analyzed: 03/13/2014 10:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.0 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.25	J	0.83	0.091
120-82-1	1,2,4-Trichlorobenzene	0.25	J	0.83	0.16
87-61-6	1,2,3-Trichlorobenzene	0.92		0.83	0.13
78-87-5	1,2-Dichloropropane	0.12	U	0.83	0.12
108-87-2	Methylcyclohexane	0.083	U	0.83	0.083
127-18-4	Tetrachloroethene	0.099	U	0.83	0.099
1330-20-7	Xylenes, Total	0.55	U	1.7	0.55
96-12-8	1,2-Dibromo-3-Chloropropane	0.36	U	0.83	0.36
79-34-5	1,1,2,2-Tetrachloroethane	0.074	U	0.83	0.074
79-00-5	1,1,2-Trichloroethane	0.12	U	0.83	0.12
124-48-1	Dibromochloromethane	0.083	U	0.83	0.083
106-93-4	1,2-Dibromoethane	0.12	U	0.83	0.12
75-71-8	Dichlorodifluoromethane	0.18	U	0.83	0.18
74-97-5	Bromochloromethane	0.091	U	0.83	0.091
75-27-4	Bromodichloromethane	0.26	U	0.83	0.26

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
460-00-4	Bromofluorobenzene	97		70-130
1868-53-7	Dibromofluoromethane (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-WT Lab Sample ID: 460-72174-4

Matrix: Solid Lab File ID: D367290.D

Analysis Method: 8260B Date Collected: 03/06/2014 09:45

Sample wt/vol: 6.656(g) Date Analyzed: 03/13/2014 10:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.0 Level: (low/med) Low

Analysis Batch No.: 212326 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Report Date: 15-Mar-2014 13:12:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367290.D
Lims ID: 460-72174-B-4-A Lab Sample ID: 460-72174-4
Client ID: PMP-23SW-WT
Sample Type: Client
Inject. Date: 13-Mar-2014 10:03:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-4-A
Misc. Info.: 460-0010815-010
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 13:12:12 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: baronm Date: 14-Mar-2014 19:02:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.638	2.628	0.010	58	136317	1000.0	
47 Chloroform	83	3.557	3.554	0.003	85	5690	0.9751	
$ 152 Dibromofluoromethane (Surr)	113	3.702	3.702	0.0	89	105169	47.3	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.149	4.152	-0.003	95	92055	47.5	
* 59 Fluorobenzene	96	4.413	4.409	0.003	88	505513	50.0	
61 Trichloroethene	95	4.573	4.567	0.006	48	1021	0.2909	
* 150 1,4-Dioxane-d8	96	5.380	5.377	0.003	1	8699	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.078	6.072	0.006	91	468060	45.9	
* 87 Chlorobenzene-d5	117	7.779	7.776	0.003	81	295460	50.0	
$ 99 4-Bromofluorobenzene	174	8.859	8.853	0.006	76	96855	48.6	
* 116 1,4-Dichlorobenzene-d4	152	9.724	9.721	0.003	88	135471	50.0	
117 1,4-Dichlorobenzene	146	9.731	9.731	0.0	17	1837	0.3057	
124 1,2,4-Trichlorobenzene	180	11.091	11.091	0.0	50	1182	0.3038	M
128 1,2,3-Trichlorobenzene	180	11.454	11.448	0.006	74	3649	1.12	

QC Flag Legend

Review Flags
M - Manually Integrated

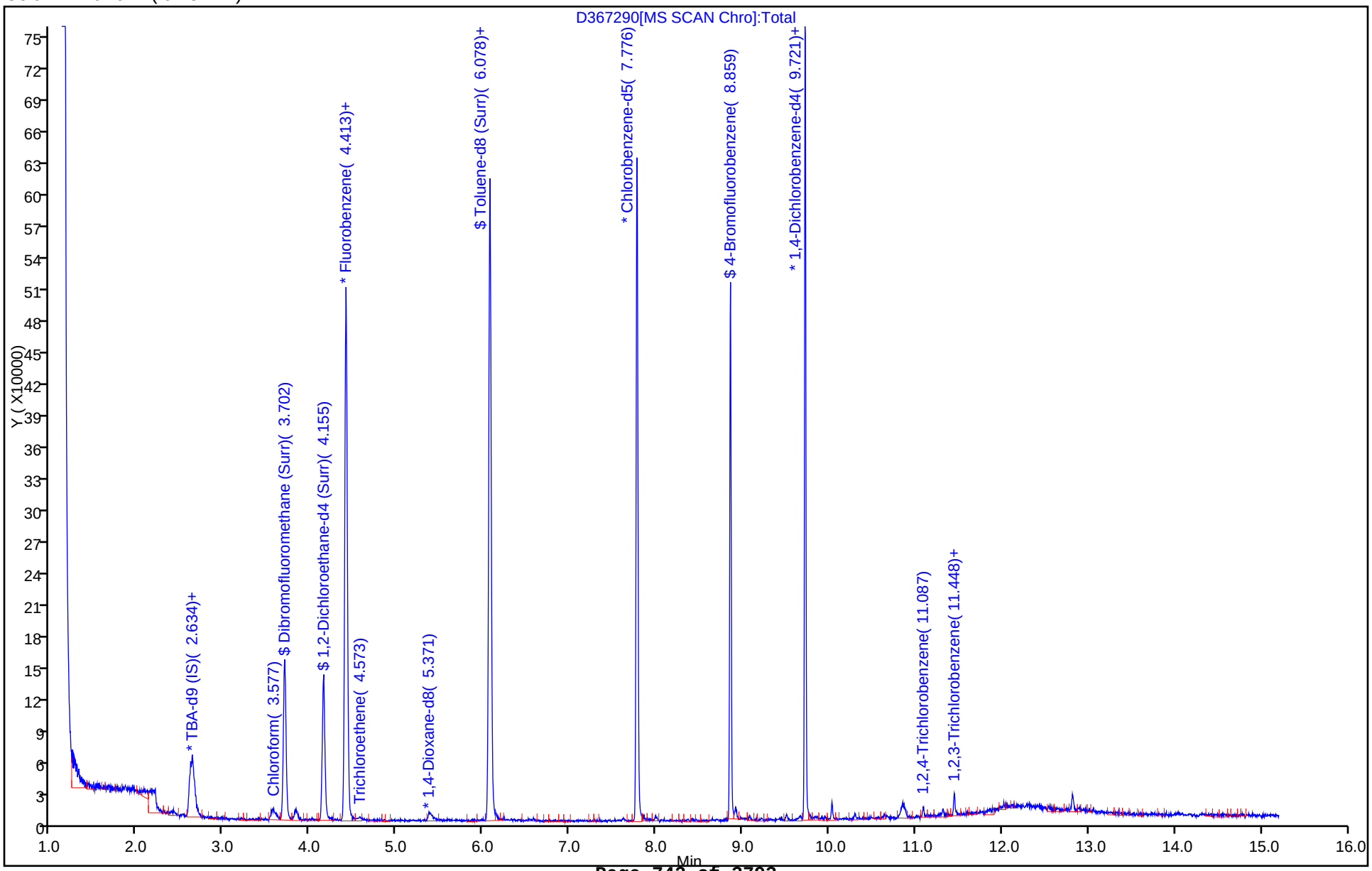
Report Date: 15-Mar-2014 13:12:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367290.D

Injection Date:	13-Mar-2014 10:03:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-B-4-A	Lab Sample ID:	460-72174-4	Worklist Smp#:	10
Client ID:	PMP-23SW-WT				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



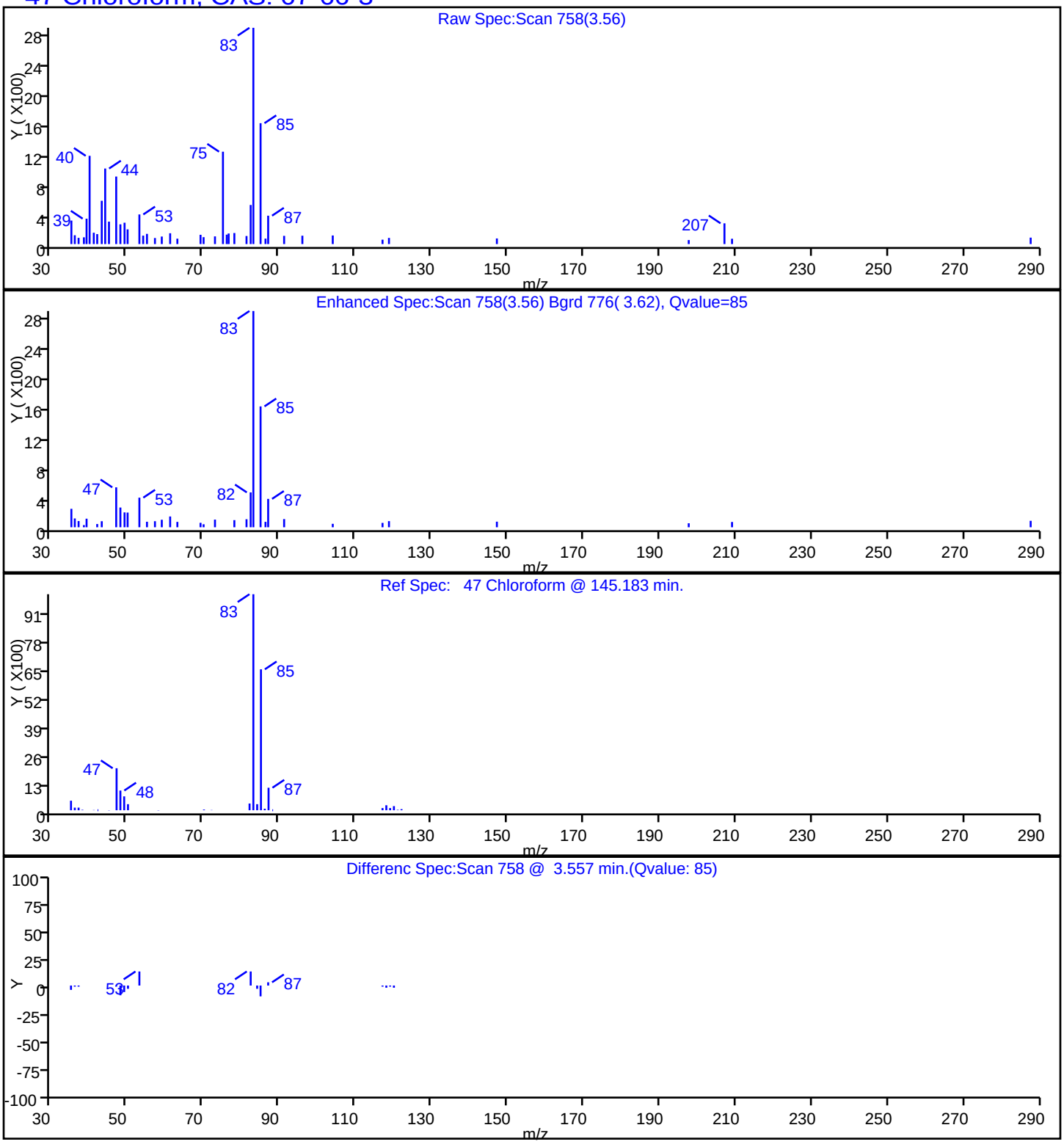
Report Date: 15-Mar-2014 13:12:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367290.D

Injection Date:	13-Mar-2014 10:03:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-4-A	Lab Sample ID:	460-72174-4		
Client ID:	PMP-23SW-WT				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

47 Chloroform, CAS: 67-66-3



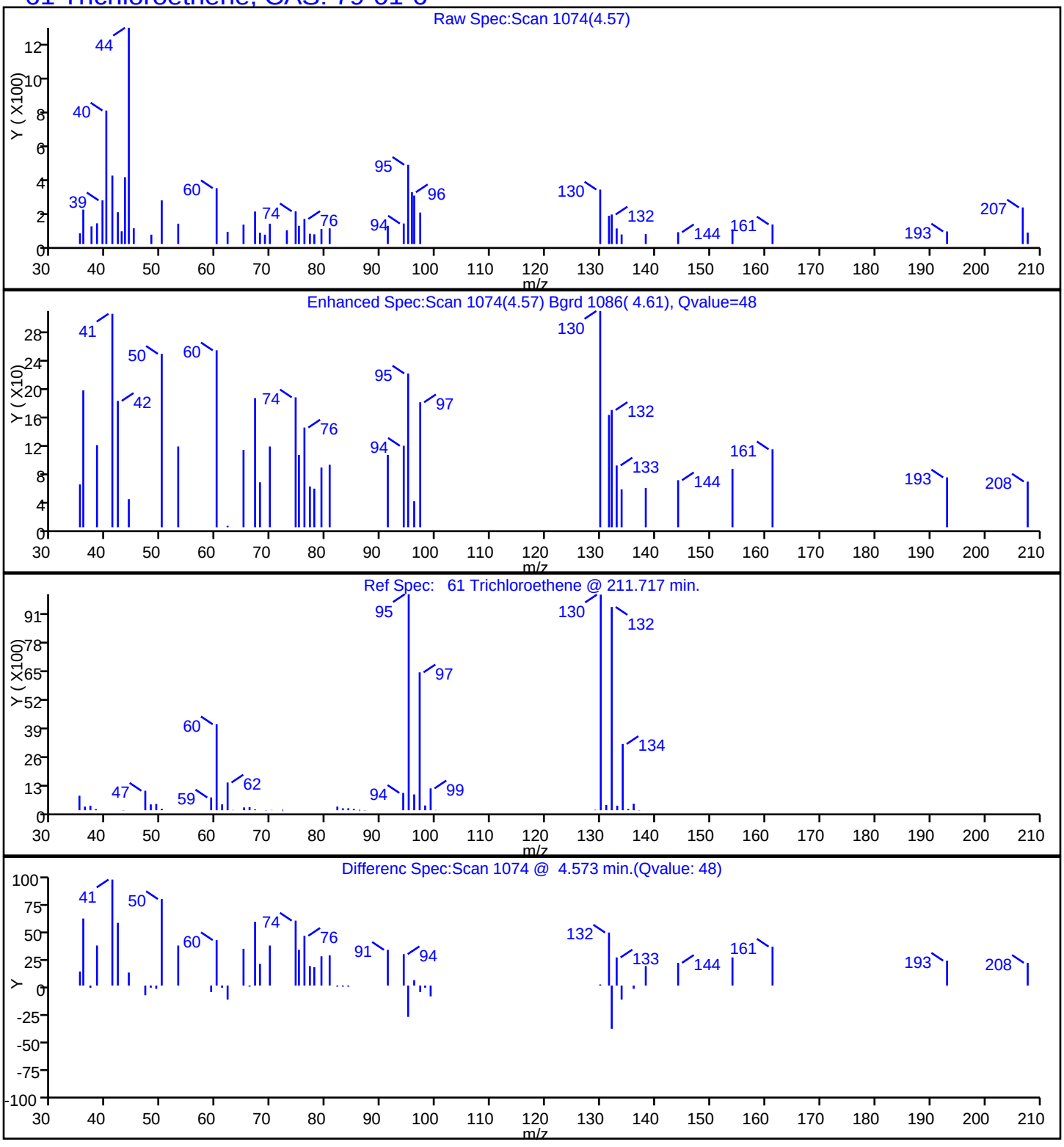
Report Date: 15-Mar-2014 13:12:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367290.D

Injection Date:	13-Mar-2014 10:03:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-4-A	Lab Sample ID:	460-72174-4		
Client ID:	PMP-23SW-WT				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

61 Trichloroethene, CAS: 79-01-6



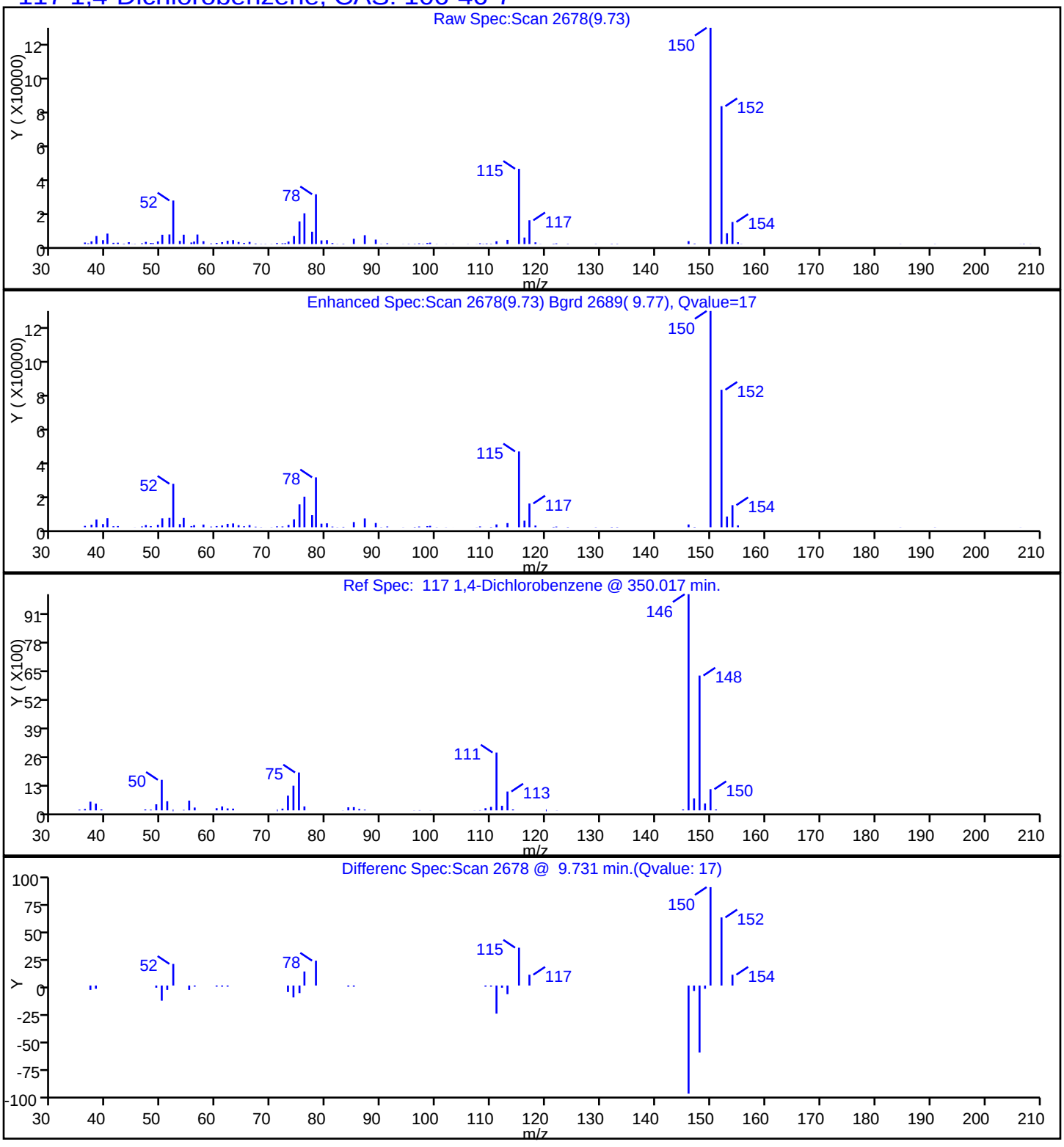
Report Date: 15-Mar-2014 13:12:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367290.D

Injection Date:	13-Mar-2014 10:03:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-4-A	Lab Sample ID:	460-72174-4		
Client ID:	PMP-23SW-WT				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

117 1,4-Dichlorobenzene, CAS: 106-46-7



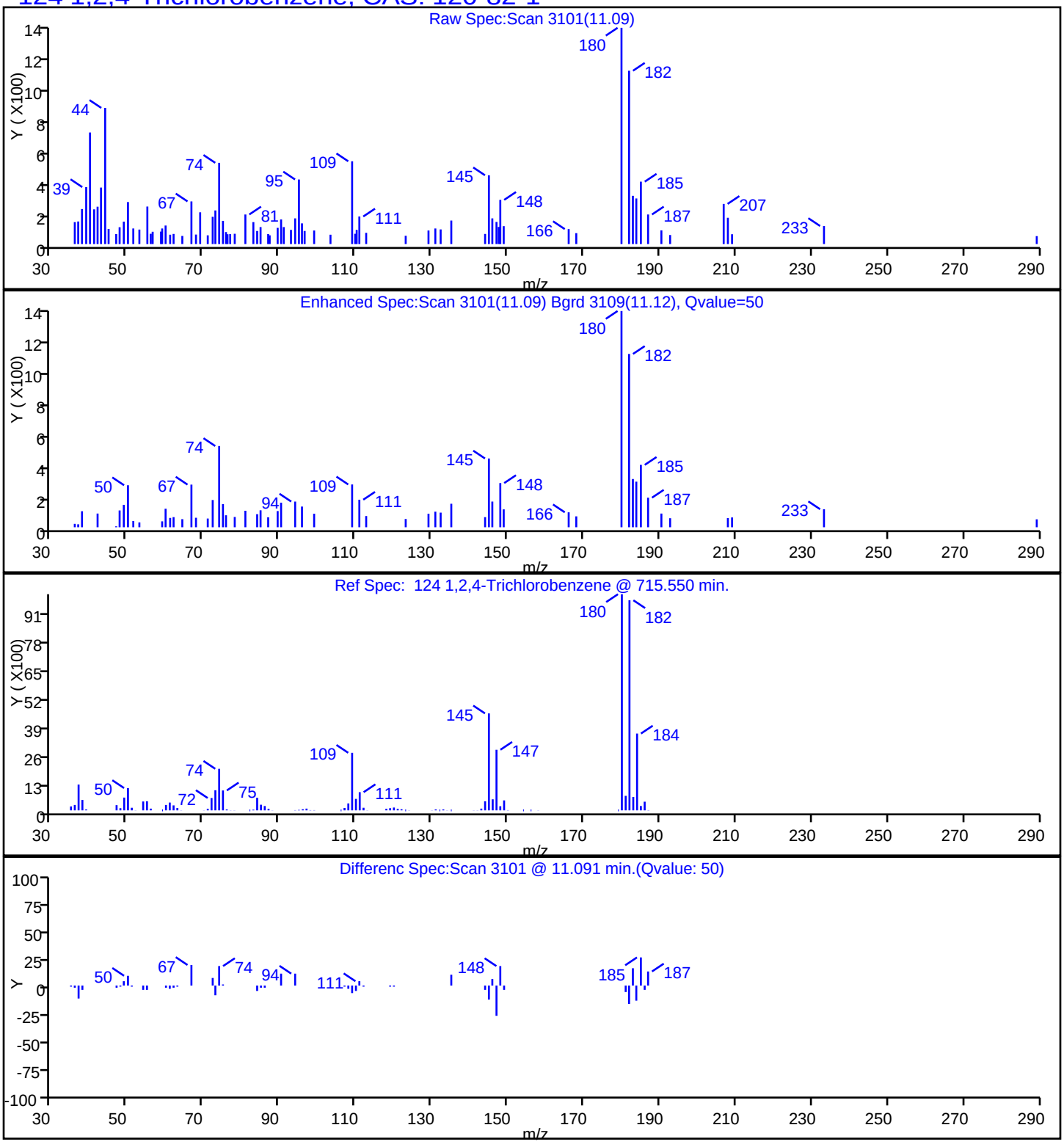
Report Date: 15-Mar-2014 13:12:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367290.D

Injection Date:	13-Mar-2014 10:03:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-4-A	Lab Sample ID:	460-72174-4		
Client ID:	PMP-23SW-WT				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



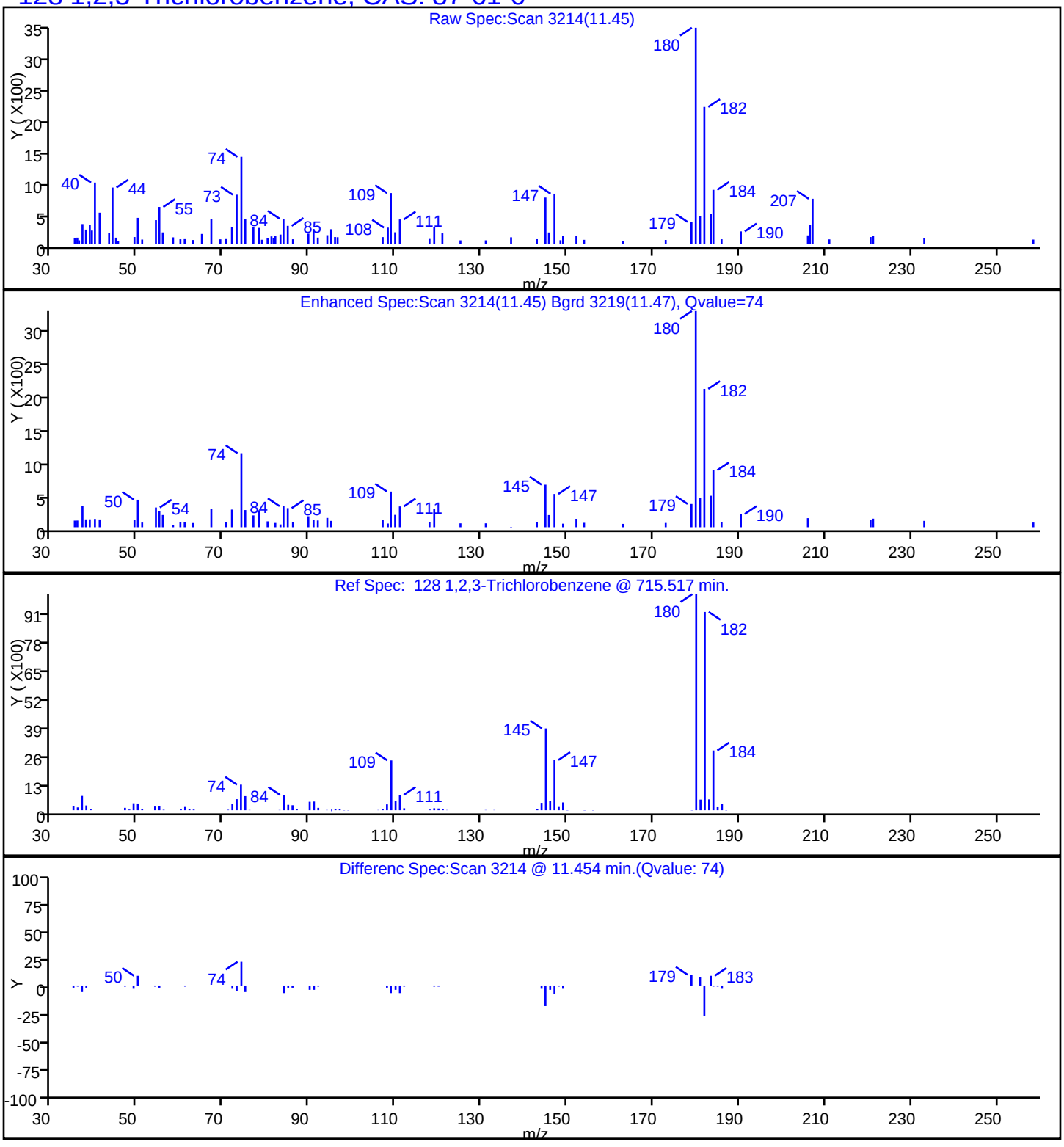
Report Date: 15-Mar-2014 13:12:14 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367290.D

Injection Date:	13-Mar-2014 10:03:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-4-A	Lab Sample ID:	460-72174-4		
Client ID:	PMP-23SW-WT				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



Manual Integration/User Assign Peak Report

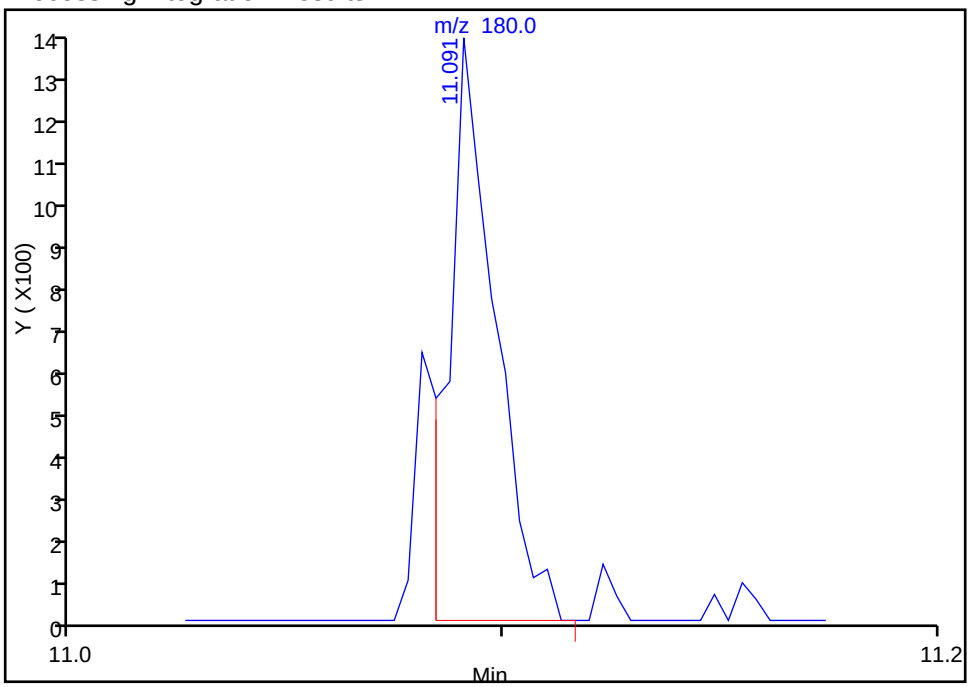
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367290.D				
Injection Date:	13-Mar-2014 10:03:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-4-A	Lab Sample ID:	460-72174-4		
Client ID:	PMP-23SW-WT				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1

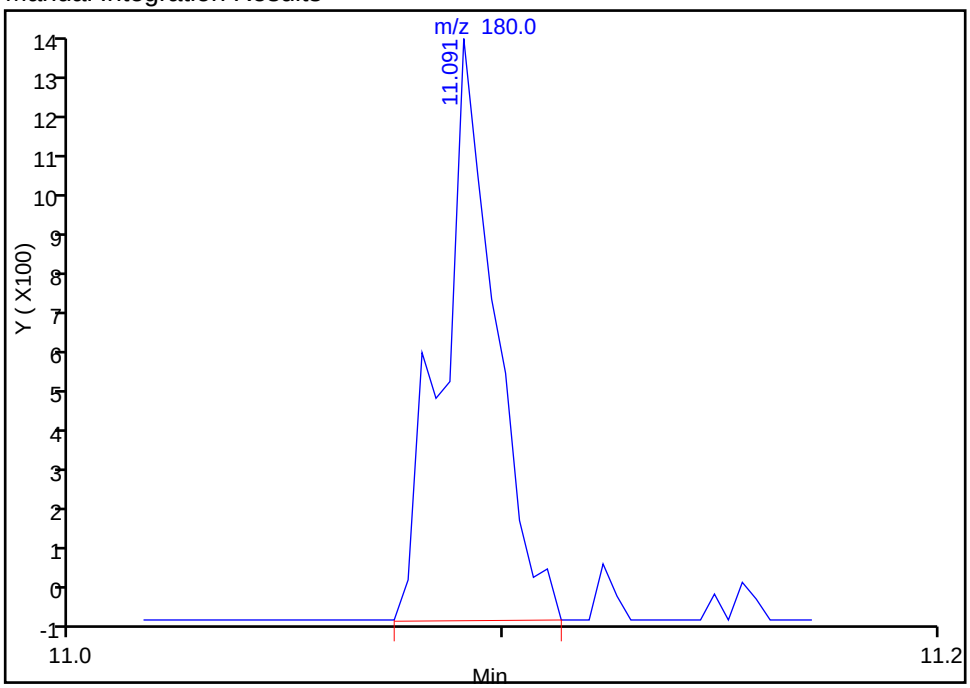
Processing Integration Results

RT: 11.09
Response: 1037
Amount: 0.266518



Manual Integration Results

RT: 11.09
Response: 1182
Amount: 0.303784



Reviewer: starzecm, 13-Mar-2014 23:41:26
Audit Action: Manually Integrated
Audit Reason: Split Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-8SW-VS | Lab Sample ID: 460-72174-5

Matrix: Solid | Lab File ID: D367291.D

Analysis Method: 8260B | Date Collected: 03/06/2014 10:00

Sample wt/vol: 6.329(g) | Date Analyzed: 03/13/2014 10:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.2 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.13	U	0.83	0.13
74-83-9	Bromomethane	0.36	U	0.83	0.36
75-01-4	Vinyl chloride	0.28	U	0.83	0.28
75-00-3	Chloroethane	0.27	U	0.83	0.27
75-09-2	Methylene Chloride	0.12	U	0.83	0.12
67-64-1	Acetone	1.4	U	4.2	1.4
75-15-0	Carbon disulfide	0.12	U	0.83	0.12
75-69-4	Trichlorofluoromethane	0.13	U	0.83	0.13
75-35-4	1,1-Dichloroethene	0.16	U	0.83	0.16
75-34-3	1,1-Dichloroethane	0.092	U	0.83	0.092
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.83	0.11
156-59-2	cis-1,2-Dichloroethene	0.092	U	0.83	0.092
67-66-3	Chloroform	0.34	J	0.83	0.20
78-93-3	2-Butanone	0.52	U	4.2	0.52
107-06-2	1,2-Dichloroethane	0.15	U	0.83	0.15
71-55-6	1,1,1-Trichloroethane	0.11	U	0.83	0.11
56-23-5	Carbon tetrachloride	0.12	U	0.83	0.12
71-43-2	Benzene	0.12	U	0.83	0.12
75-25-2	Bromoform	0.14	U	0.83	0.14
100-42-5	Styrene	0.23	U	0.83	0.23
100-41-4	Ethylbenzene	0.14	U	0.83	0.14
108-90-7	Chlorobenzene	0.15	U	0.83	0.15
110-82-7	Cyclohexane	0.11	U	0.83	0.11
98-82-8	Isopropylbenzene	0.092	U	0.83	0.092
591-78-6	2-Hexanone	0.11	U	4.2	0.11
1634-04-4	MTBE	0.092	U	0.83	0.092
76-13-1	Freon TF	0.092	U	0.83	0.092
79-20-9	Methyl acetate	0.27	U	4.2	0.27
123-91-1	1,4-Dioxane	11	U	17	11
79-01-6	Trichloroethene	0.10	U	0.83	0.10
108-88-3	Toluene	0.12	U	0.83	0.12
10061-02-6	trans-1,3-Dichloropropene	0.083	U	0.83	0.083
108-10-1	4-Methyl-2-pentanone	0.17	U	4.2	0.17
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.83	0.12
95-50-1	1,2-Dichlorobenzene	0.083	U	0.83	0.083
541-73-1	1,3-Dichlorobenzene	0.13	U	0.83	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-8SW-VS | Lab Sample ID: 460-72174-5

Matrix: Solid | Lab File ID: D367291.D

Analysis Method: 8260B | Date Collected: 03/06/2014 10:00

Sample wt/vol: 6.329(g) | Date Analyzed: 03/13/2014 10:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.2 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.23	J	0.83	0.092
120-82-1	1,2,4-Trichlorobenzene	0.31	J	0.83	0.16
87-61-6	1,2,3-Trichlorobenzene	0.31	J	0.83	0.13
78-87-5	1,2-Dichloropropane	0.12	U	0.83	0.12
108-87-2	Methylcyclohexane	0.083	U	0.83	0.083
127-18-4	Tetrachloroethene	0.10	U	0.83	0.10
1330-20-7	Xylenes, Total	0.56	U	1.7	0.56
96-12-8	1,2-Dibromo-3-Chloropropane	0.37	U	0.83	0.37
79-34-5	1,1,2,2-Tetrachloroethane	0.075	U	0.83	0.075
79-00-5	1,1,2-Trichloroethane	0.12	U	0.83	0.12
124-48-1	Dibromochloromethane	0.083	U	0.83	0.083
106-93-4	1,2-Dibromoethane	0.12	U	0.83	0.12
75-71-8	Dichlorodifluoromethane	0.18	U	0.83	0.18
74-97-5	Bromochloromethane	0.092	U	0.83	0.092
75-27-4	Bromodichloromethane	0.27	U	0.83	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	108		70-130
1868-53-7	Dibromofluoromethane (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-8SW-VS Lab Sample ID: 460-72174-5

Matrix: Solid Lab File ID: D367291.D

Analysis Method: 8260B Date Collected: 03/06/2014 10:00

Sample wt/vol: 6.329(g) Date Analyzed: 03/13/2014 10:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.2 Level: (low/med) Low

Analysis Batch No.: 212326 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Report Date: 14-Mar-2014 19:04:03 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367291.D
Lims ID: 460-72174-B-5-A Lab Sample ID: 460-72174-5
Client ID: PMP-8SW-VS
Sample Type: Client
Inject. Date: 13-Mar-2014 10:26:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-5-A
Misc. Info.: 460-0010815-011
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 19:04:03 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: starzecm Date: 13-Mar-2014 23:43:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.635	2.628	0.007	85	152358	1000.0	
47 Chloroform	83	3.557	3.554	0.003	61	2451	0.4137	
$ 152 Dibromofluoromethane (Surr)	113	3.699	3.702	-0.003	90	106807	47.3	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.152	4.152	0.0	95	98146	49.9	
* 59 Fluorobenzene	96	4.413	4.409	0.004	88	513221	50.0	
* 150 1,4-Dioxane-d8	96	5.380	5.377	0.003	1	8957	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.078	6.072	0.006	90	478900	47.4	
* 87 Chlorobenzene-d5	117	7.779	7.776	0.003	87	292703	50.0	
$ 99 4-Bromofluorobenzene	174	8.859	8.853	0.006	77	98617	53.9	
* 116 1,4-Dichlorobenzene-d4	152	9.724	9.721	0.003	91	124435	50.0	
117 1,4-Dichlorobenzene	146	9.734	9.731	0.003	32	1491	0.2701	
124 1,2,4-Trichlorobenzene	180	11.097	11.091	0.006	39	1335	0.3735	
128 1,2,3-Trichlorobenzene	180	11.451	11.448	0.003	50	1103	0.3673	M

QC Flag Legend

Review Flags
M - Manually Integrated

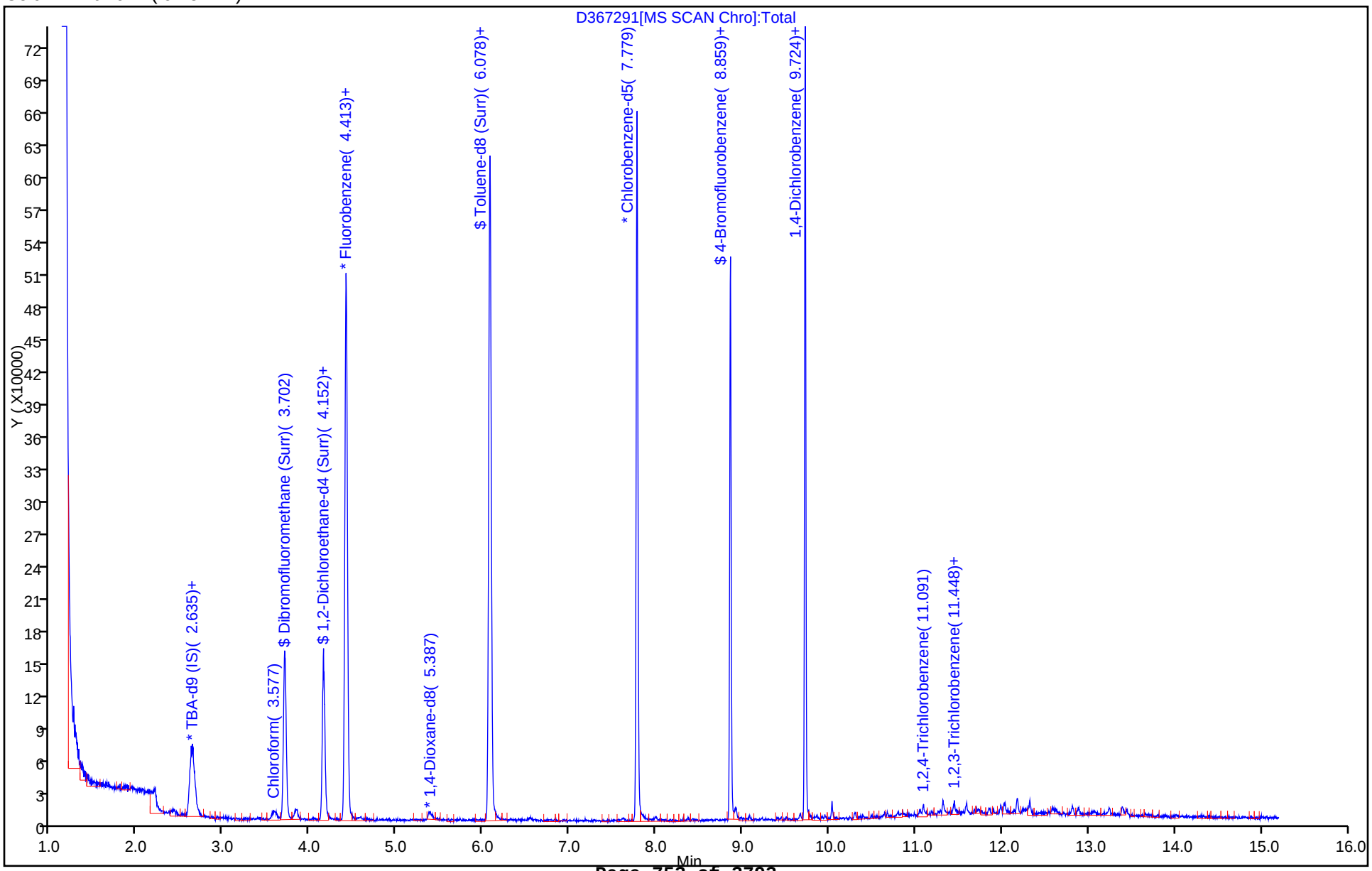
Report Date: 14-Mar-2014 19:04:03 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367291.D

Injection Date:	13-Mar-2014 10:26:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-B-5-A	Lab Sample ID:	460-72174-5	Worklist Smp#:	11
Client ID:	PMP-8SW-VS				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



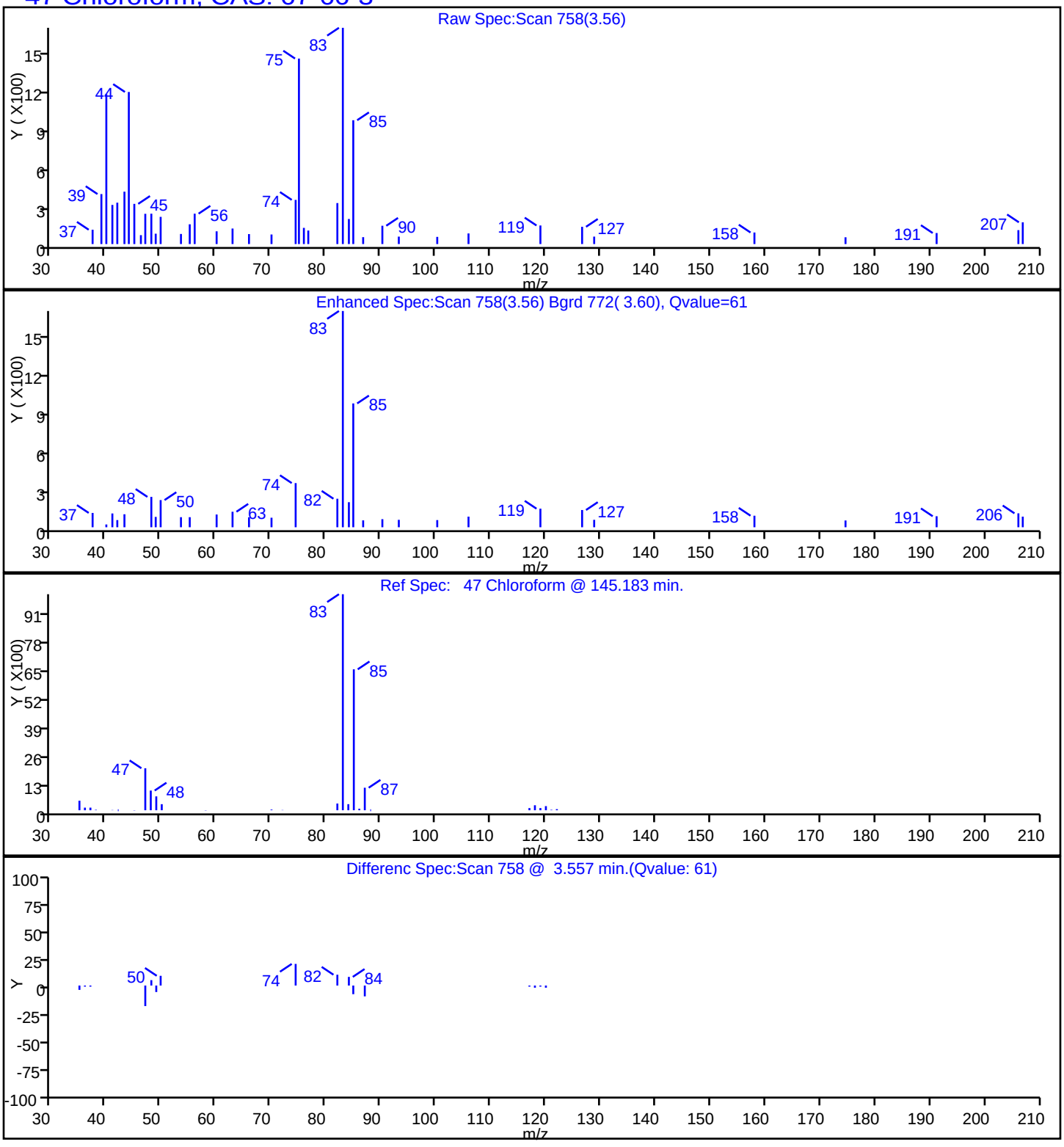
Report Date: 14-Mar-2014 19:04:03 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367291.D

Injection Date:	13-Mar-2014 10:26:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-5-A	Lab Sample ID:	460-72174-5		
Client ID:	PMP-8SW-VS				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

47 Chloroform, CAS: 67-66-3



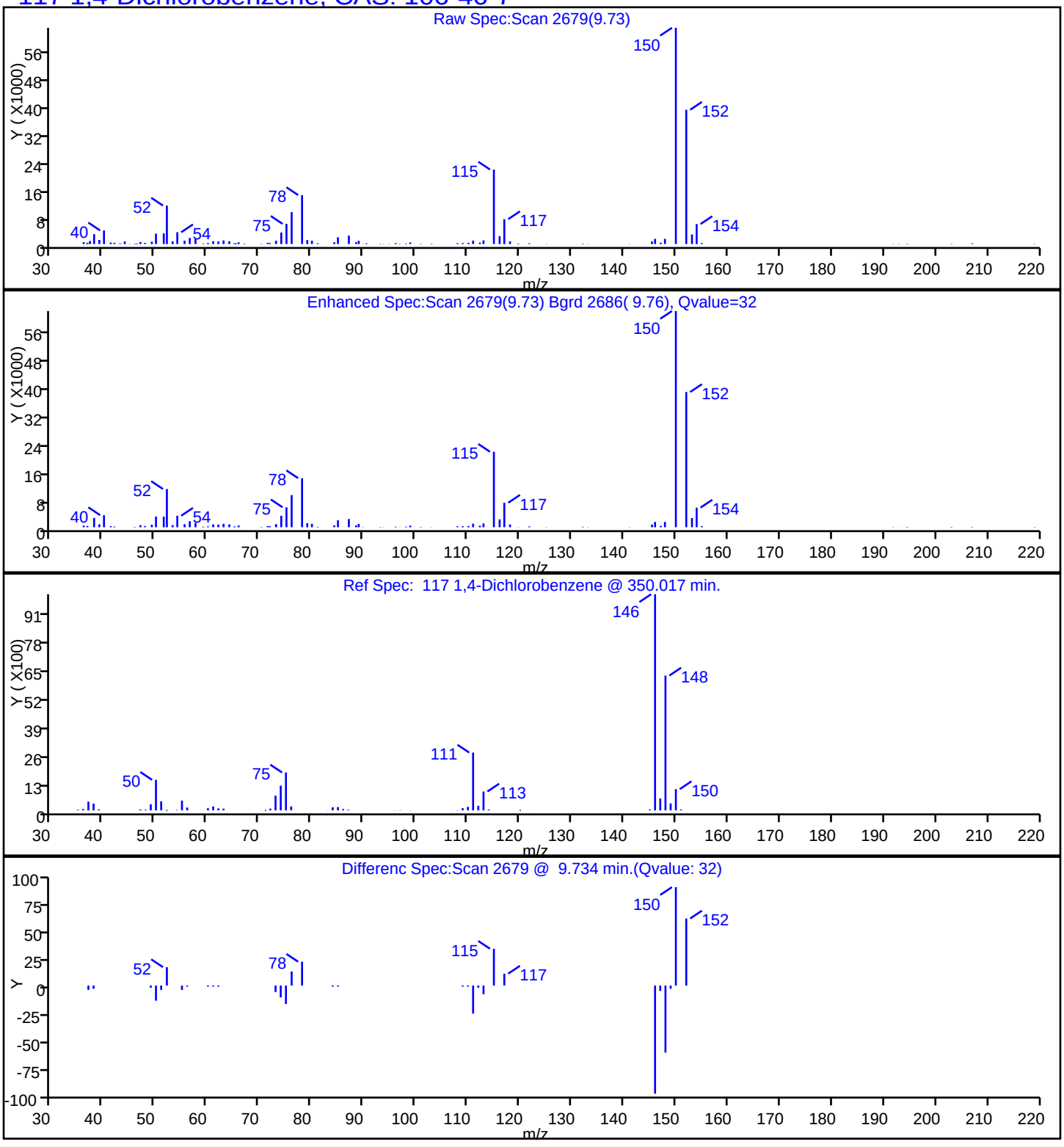
Report Date: 14-Mar-2014 19:04:03 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367291.D

Injection Date:	13-Mar-2014 10:26:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-5-A	Lab Sample ID:	460-72174-5		
Client ID:	PMP-8SW-VS				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

117 1,4-Dichlorobenzene, CAS: 106-46-7



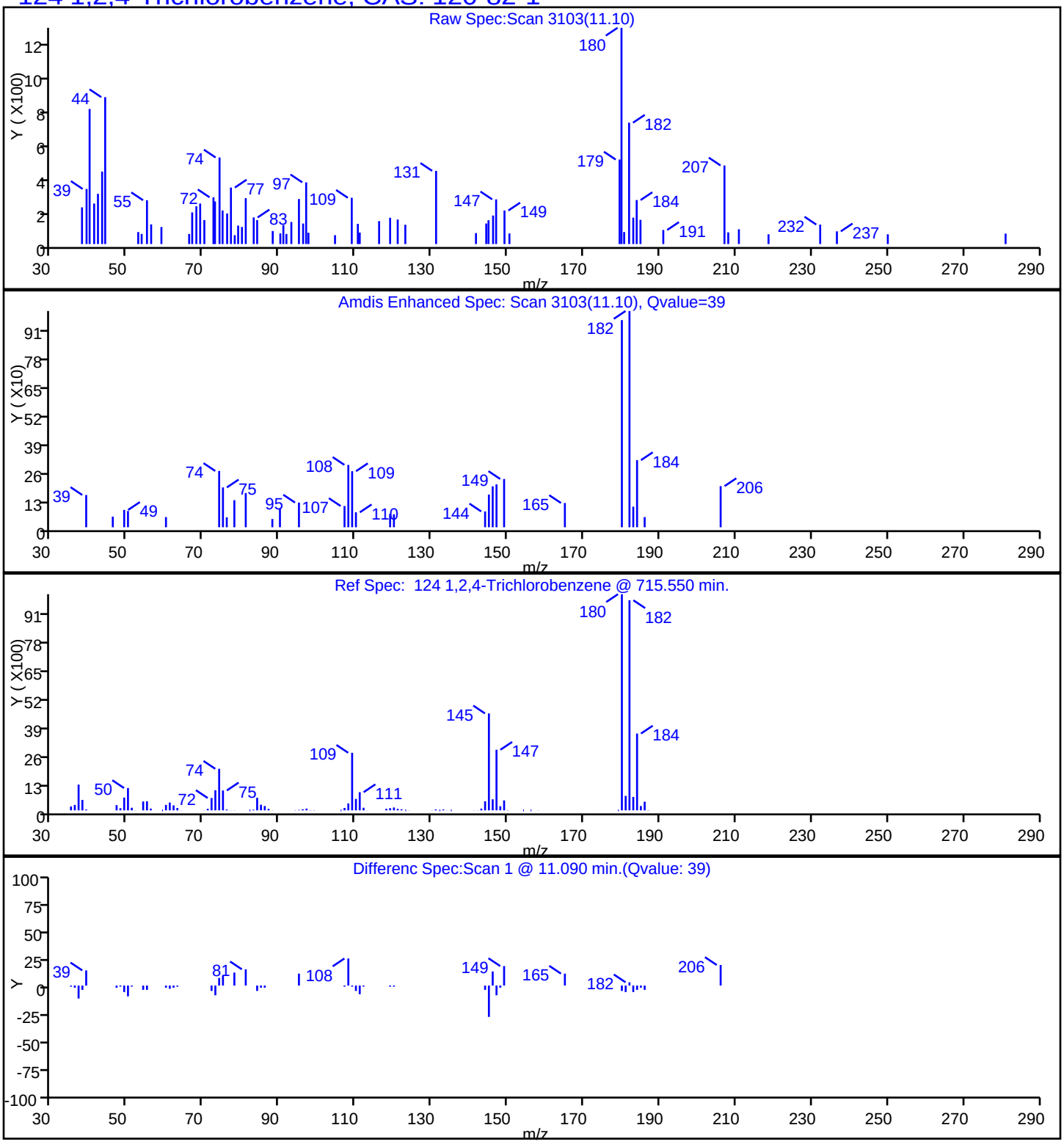
Report Date: 14-Mar-2014 19:04:03 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367291.D

Injection Date:	13-Mar-2014 10:26:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-5-A	Lab Sample ID:	460-72174-5		
Client ID:	PMP-8SW-VS				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



Report Date: 14-Mar-2014 19:04:03 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367291.D

Injection Date: 13-Mar-2014 10:26:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-5-A Lab Sample ID: 460-72174-5

Client ID: PMP-8SW-VS

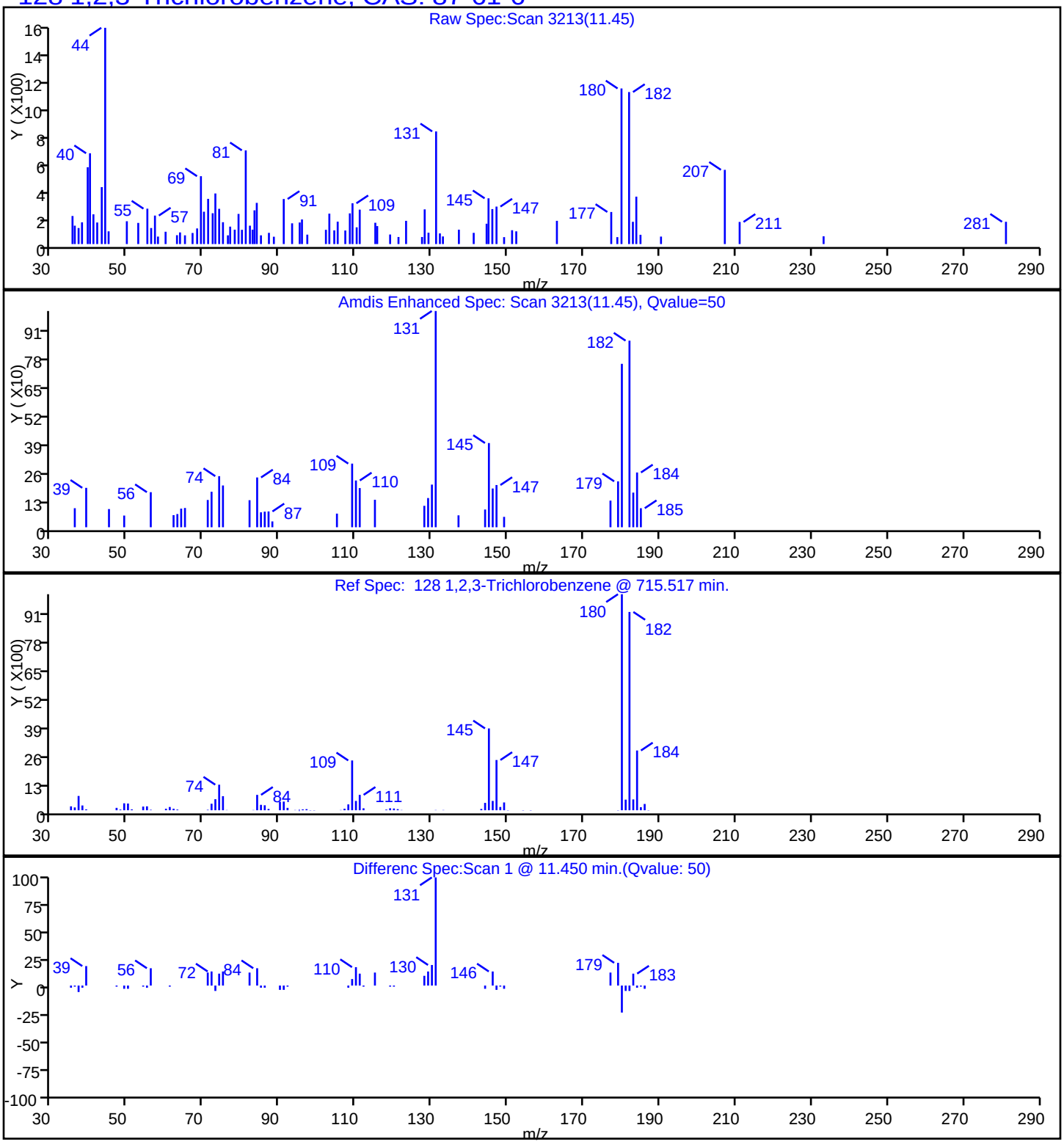
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



Manual Integration/User Assign Peak Report

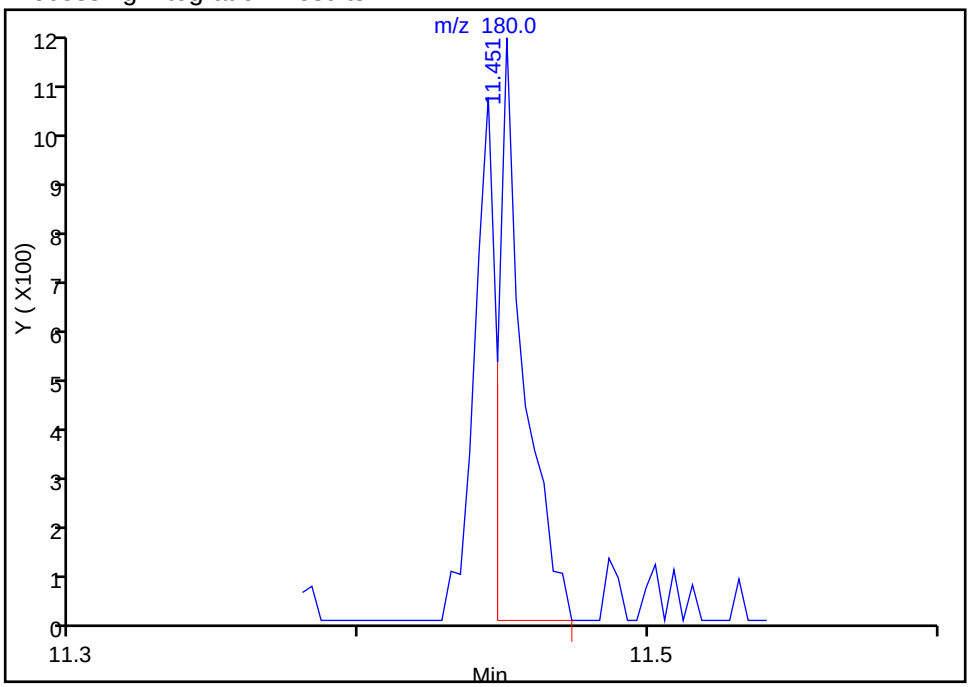
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367291.D				
Injection Date:	13-Mar-2014 10:26:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-5-A	Lab Sample ID:	460-72174-5		
Client ID:	PMP-8SW-VS				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6

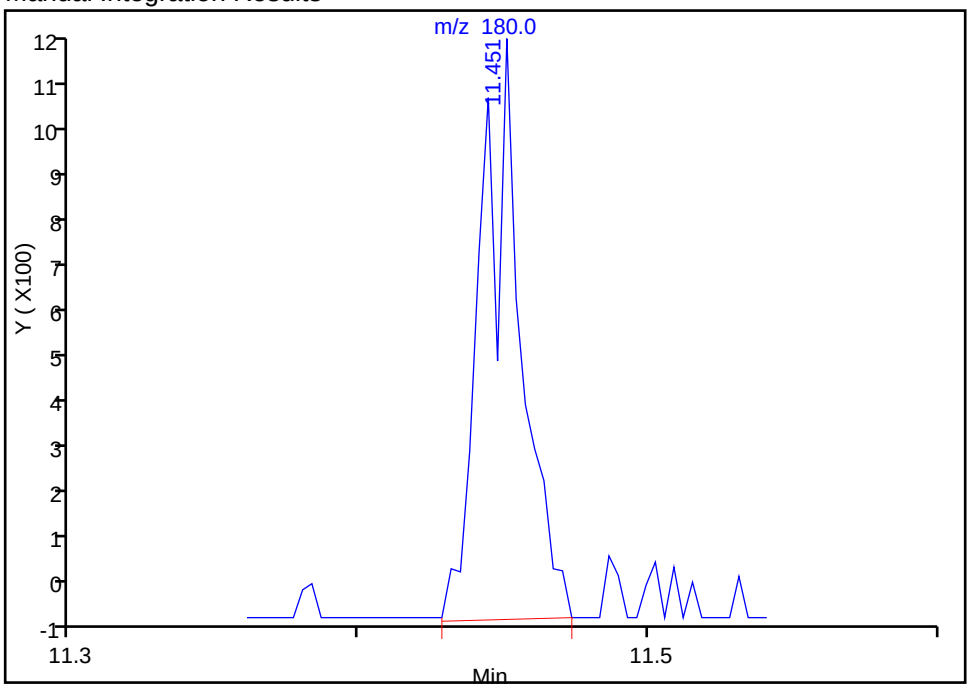
Processing Integration Results

RT: 11.45
Response: 663
Amount: 0.220783



Manual Integration Results

RT: 11.45
Response: 1103
Amount: 0.367306



Reviewer: starzecm, 13-Mar-2014 23:43:56
Audit Action: Manually Integrated
Audit Reason: Split Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-4SW-VS | Lab Sample ID: 460-72174-6

Matrix: Solid | Lab File ID: D367320.D

Analysis Method: 8260B | Date Collected: 03/06/2014 10:05

Sample wt/vol: 6.391(g) | Date Analyzed: 03/13/2014 23:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 8.1 | Level: (low/med) Low

Analysis Batch No.: 212478 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.14	U	0.85	0.14
74-83-9	Bromomethane	0.37	U	0.85	0.37
75-01-4	Vinyl chloride	0.29	U	0.85	0.29
75-00-3	Chloroethane	0.28	U	0.85	0.28
75-09-2	Methylene Chloride	0.13	U	0.85	0.13
67-64-1	Acetone	1.4	U	4.3	1.4
75-15-0	Carbon disulfide	0.13	U	0.85	0.13
75-69-4	Trichlorofluoromethane	0.14	U	0.85	0.14
75-35-4	1,1-Dichloroethene	0.16	U	0.85	0.16
75-34-3	1,1-Dichloroethane	0.094	U	0.85	0.094
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.85	0.11
156-59-2	cis-1,2-Dichloroethene	0.094	U	0.85	0.094
67-66-3	Chloroform	0.20	U	0.85	0.20
78-93-3	2-Butanone	0.54	U	4.3	0.54
107-06-2	1,2-Dichloroethane	0.15	U	0.85	0.15
71-55-6	1,1,1-Trichloroethane	0.11	U	0.85	0.11
56-23-5	Carbon tetrachloride	0.13	U	0.85	0.13
71-43-2	Benzene	0.13	U	0.85	0.13
75-25-2	Bromoform	0.14	U	0.85	0.14
100-42-5	Styrene	0.24	U	0.85	0.24
100-41-4	Ethylbenzene	0.14	U	0.85	0.14
108-90-7	Chlorobenzene	0.15	U	0.85	0.15
110-82-7	Cyclohexane	0.11	U	0.85	0.11
98-82-8	Isopropylbenzene	0.094	U	0.85	0.094
591-78-6	2-Hexanone	0.11	U	4.3	0.11
1634-04-4	MTBE	0.094	U	0.85	0.094
76-13-1	Freon TF	0.094	U	0.85	0.094
79-20-9	Methyl acetate	0.27	U	4.3	0.27
123-91-1	1,4-Dioxane	11	U	17	11
79-01-6	Trichloroethene	0.10	U	0.85	0.10
108-88-3	Toluene	0.12	U	0.85	0.12
10061-02-6	trans-1,3-Dichloropropene	0.085	U	0.85	0.085
108-10-1	4-Methyl-2-pentanone	0.17	U	4.3	0.17
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.85	0.12
95-50-1	1,2-Dichlorobenzene	0.69	J	0.85	0.085
541-73-1	1,3-Dichlorobenzene	0.14	U	0.85	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-4SW-VS | Lab Sample ID: 460-72174-6

Matrix: Solid | Lab File ID: D367320.D

Analysis Method: 8260B | Date Collected: 03/06/2014 10:05

Sample wt/vol: 6.391(g) | Date Analyzed: 03/13/2014 23:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 8.1 | Level: (low/med) Low

Analysis Batch No.: 212478 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.26	J	0.85	0.094
120-82-1	1,2,4-Trichlorobenzene	0.44	J	0.85	0.16
87-61-6	1,2,3-Trichlorobenzene	1.5		0.85	0.14
78-87-5	1,2-Dichloropropane	0.13	U	0.85	0.13
108-87-2	Methylcyclohexane	0.085	U	0.85	0.085
127-18-4	Tetrachloroethene	0.10	U	0.85	0.10
1330-20-7	Xylenes, Total	0.57	U	1.7	0.57
96-12-8	1,2-Dibromo-3-Chloropropane	0.37	U	0.85	0.37
79-34-5	1,1,2,2-Tetrachloroethane	0.077	U	0.85	0.077
79-00-5	1,1,2-Trichloroethane	0.12	U	0.85	0.12
124-48-1	Dibromochloromethane	0.085	U	0.85	0.085
106-93-4	1,2-Dibromoethane	0.13	U	0.85	0.13
75-71-8	Dichlorodifluoromethane	0.19	U	0.85	0.19
74-97-5	Bromochloromethane	0.094	U	0.85	0.094
75-27-4	Bromodichloromethane	0.27	U	0.85	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
460-00-4	Bromofluorobenzene	98		70-130
1868-53-7	Dibromofluoromethane (Surr)	92		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-4SW-VS Lab Sample ID: 460-72174-6

Matrix: Solid Lab File ID: D367320.D

Analysis Method: 8260B Date Collected: 03/06/2014 10:05

Sample wt/vol: 6.391(g) Date Analyzed: 03/13/2014 23:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 8.1 Level: (low/med) Low

Analysis Batch No.: 212478 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 68.9

CAS NO.	COMPOUND NAME	RT	RESULT	Q
15869-94-0	Octane, 3,6-dimethyl-	11.18	5.9	J N
	Unknown	11.70	4.4	J
3891-98-3	Dodecane, 2,6,10-trimethyl-	11.90	6.7	J N
629-59-4	Tetradecane	12.03	8.9	J N
	Unknown	12.29	8.0	J
31295-56-4	Dodecane, 2,6,11-trimethyl-	12.58	10	J N
634-66-2	Benzene, 1,2,3,4-tetrachloro-	12.81	9.0	J N
	Unknown	13.02	4.7	J
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	13.20	5.9	J N
	Unknown	13.67	5.4	J

Report Date: 15-Mar-2014 14:28:38 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367320.D
Lims ID: 460-72174-C-6-A Lab Sample ID: 460-72174-6
Client ID: PMP-4SW-VS
Sample Type: Client
Inject. Date: 13-Mar-2014 23:38:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-C-6-A
Misc. Info.: 460-0010833-013
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 14:27:03 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: tupayachia Date: 14-Mar-2014 16:01:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.628	2.635	-0.007	67	137872	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.702	3.699	0.003	91	94549	46.0	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.149	4.146	0.003	94	87662	49.0	
* 59 Fluorobenzene	96	4.413	4.410	0.003	88	467304	50.0	
* 150 1,4-Dioxane-d8	96	5.381	5.377	0.004	1	7964	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.075	6.075	0.0	90	431924	45.8	
* 87 Chlorobenzene-d5	117	7.776	7.776	0.0	84	272980	50.0	
$ 99 4-Bromofluorobenzene	174	8.860	8.856	0.004	77	93501	48.9	
* 116 1,4-Dichlorobenzene-d4	152	9.721	9.721	0.0	89	130082	50.0	
117 1,4-Dichlorobenzene	146	9.731	9.734	-0.003	25	1736	0.3008	
121 1,2-Dichlorobenzene	146	10.036	10.036	0.0	82	4053	0.8128	
124 1,2,4-Trichlorobenzene	180	11.094	11.091	0.003	40	1941	0.5195	
128 1,2,3-Trichlorobenzene	180	11.448	11.448	0.0	74	5463	1.74	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367320.D
Lims ID: 460-72174-C-6-A Lab Sample ID: 460-72174-6
Client ID: PMP-4SW-VS
Sample Type: Client
Inject. Date: 13-Mar-2014 23:38:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-C-6-A
Misc. Info.: 460-0010833-013
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 14:27:03 Calib Date: 12-Mar-2014 20:41:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 40

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: tupayachia Date: 14-Mar-2014 16:01:28

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	15869-94-0	Octane, 3,6-dimethyl-						
11.184	116742	6.97	116	72	18461	C10H22	142	
		Unknown						
11.702	86849	5.19	116					
	3891-98-3	Dodecane, 2,6,10-trimethyl-						
11.898	132822	7.93	116	87	64590	C15H32	212	
	629-59-4	Tetradecane						
12.027	176019	10.5	116	76	55009	C14H30	198	
		Unknown						
12.293	157222	9.39	116	0	0		0	
	31295-56-4	Dodecane, 2,6,11-trimethyl-						
12.583	197859	11.8	116	91	64591	C15H32	212	
	634-66-2	Benzene, 1,2,3,4-tetrachloro-						
12.814	176612	10.5	116	86	65865	C6H2Cl4	214	
		Unknown						
13.020	92698	5.54	116	0	0		0	
	80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal						
13.200	116271	6.94	116	90	61716	C15H28	208	
		Unknown						
13.670	106049	6.33	116					

Report Date: 15-Mar-2014 14:28:38 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367320.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	9.721	837334	50.0

QC Flag Legend

Processing Flags

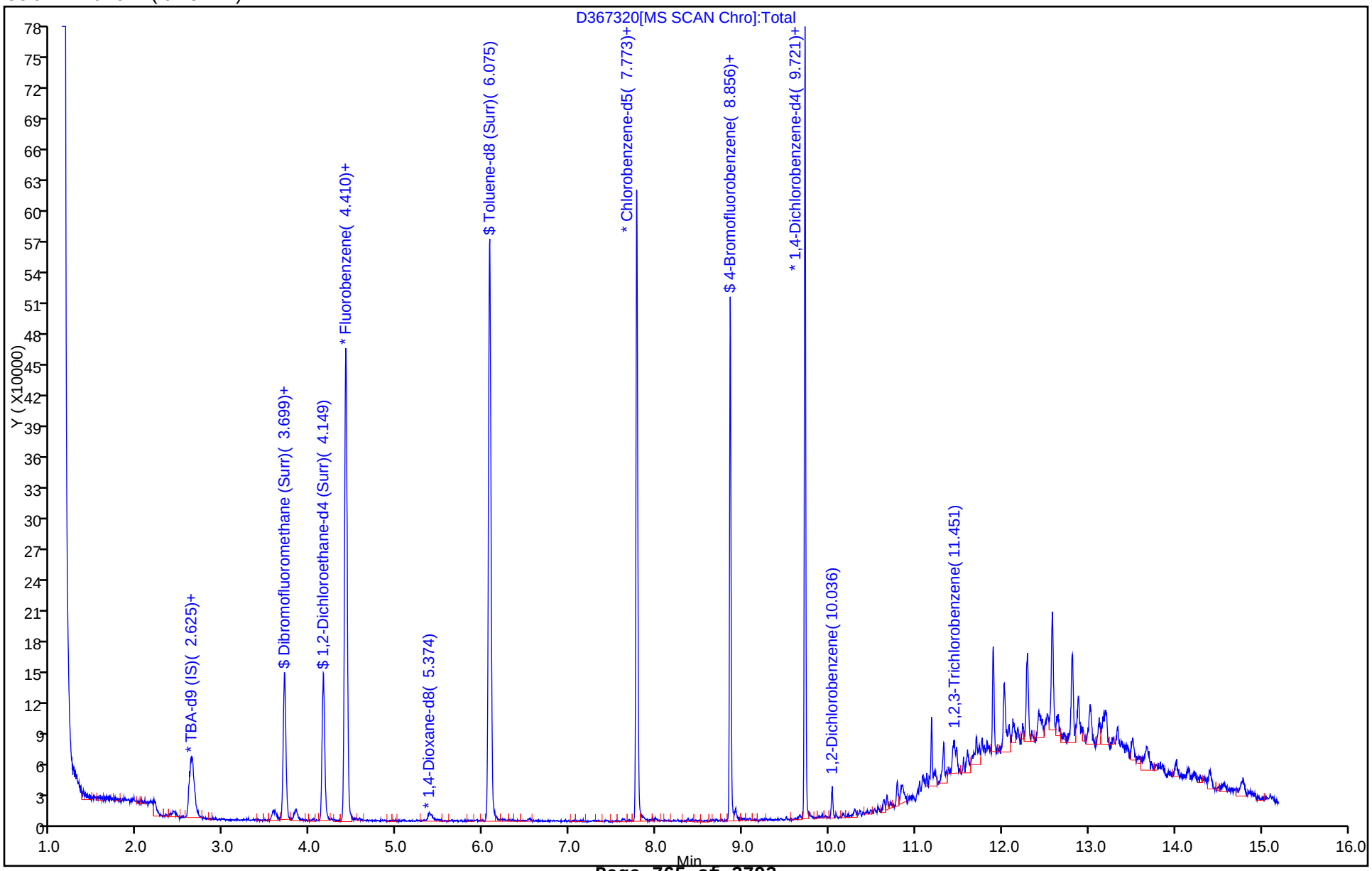
Report Date: 15-Mar-2014 14:28:38 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367320.D

Injection Date:	13-Mar-2014 23:38:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-C-6-A	Lab Sample ID:	460-72174-6	Worklist Smp#:	13
Client ID:	PMP-4SW-VS				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



Report Date: 15-Mar-2014 14:28:38 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367320.D

Injection Date: 13-Mar-2014 23:38:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

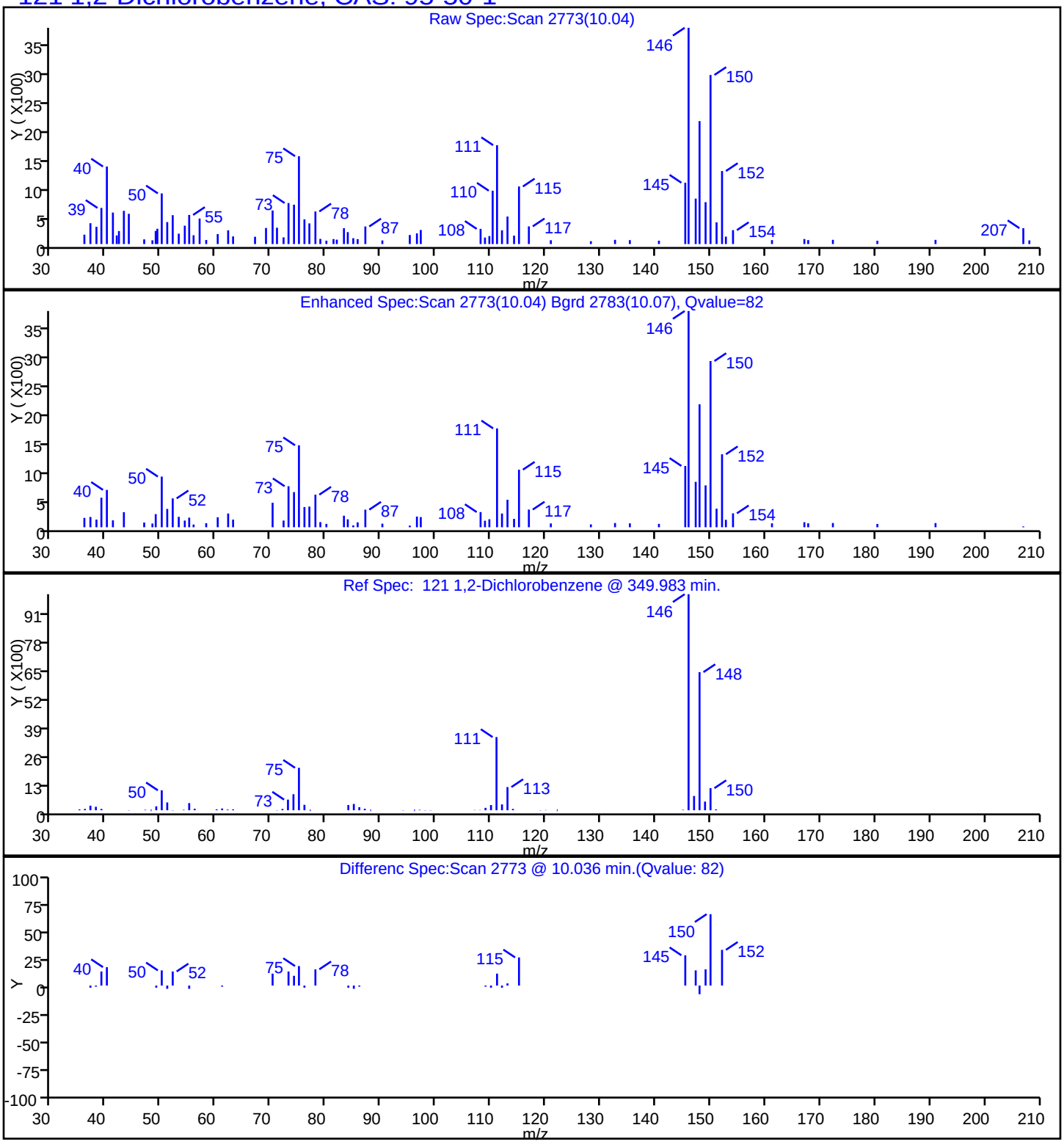
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

121 1,2-Dichlorobenzene, CAS: 95-50-1

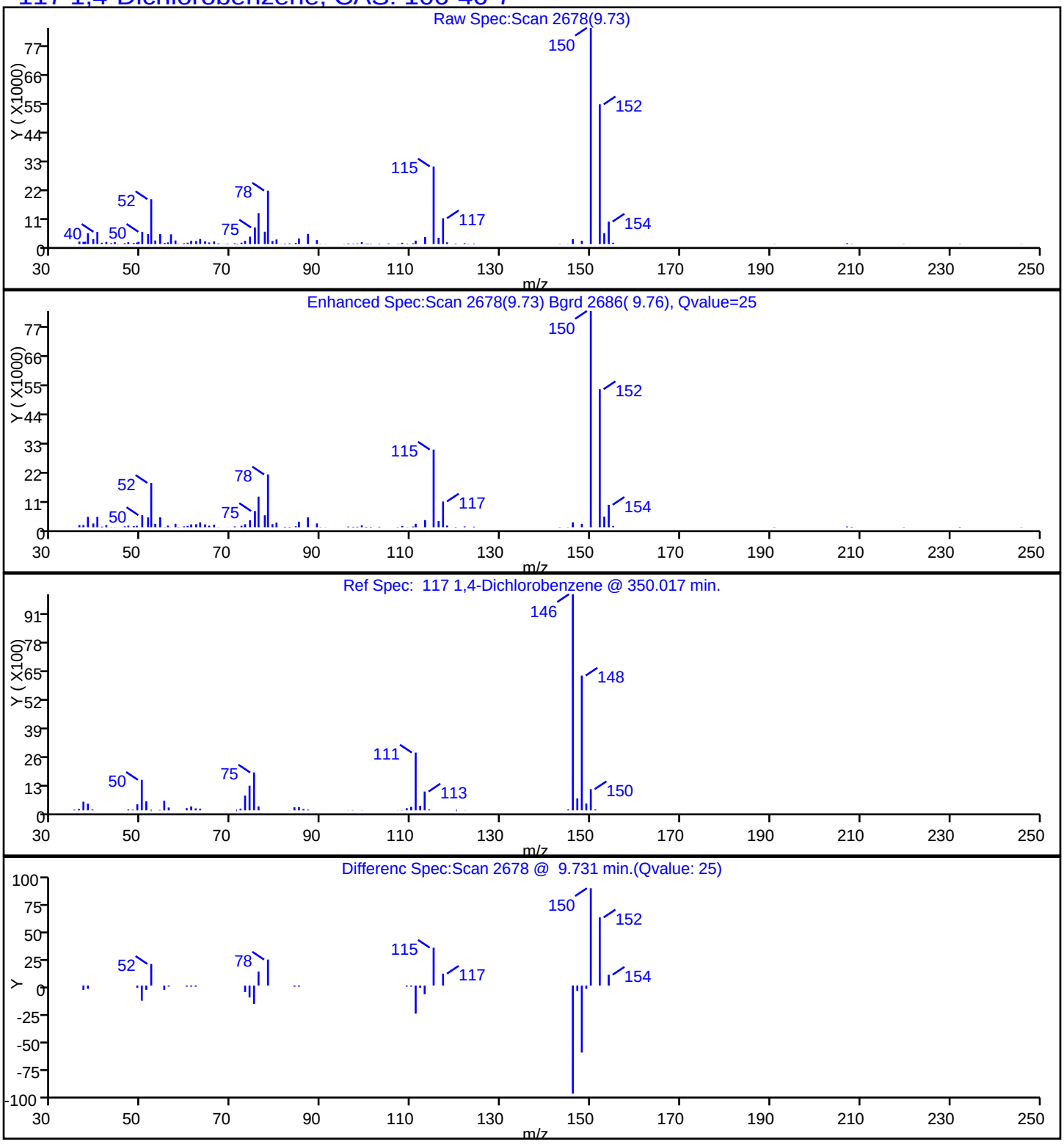


Report Date: 15-Mar-2014 14:28:38 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367320.D				
Injection Date:	13-Mar-2014 23:38:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-6-A	Lab Sample ID:	460-72174-6		
Client ID:	PMP-4SW-VS				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

117 1,4-Dichlorobenzene, CAS: 106-46-7



Report Date: 15-Mar-2014 14:28:38 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367320.D

Injection Date: 13-Mar-2014 23:38:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

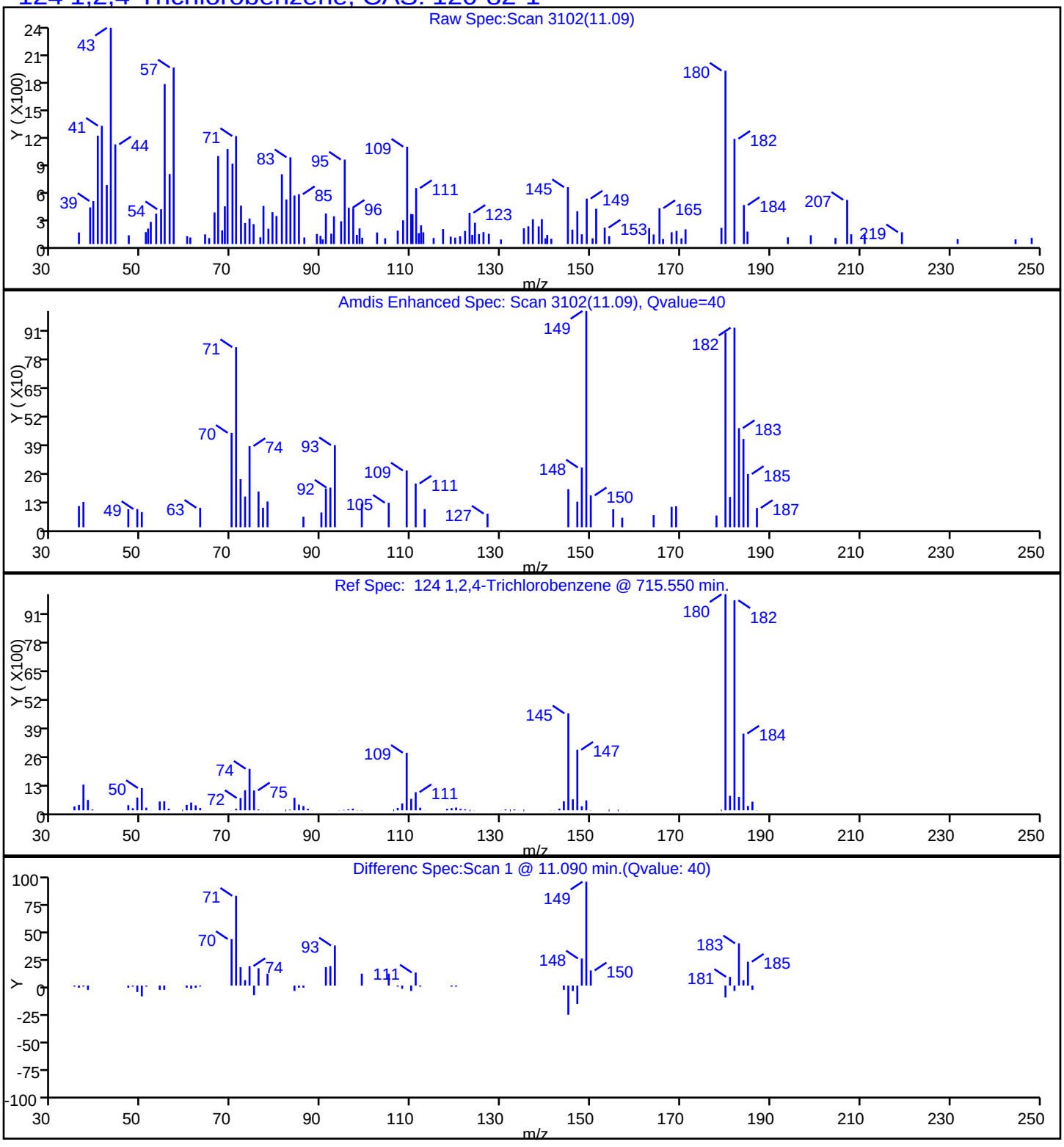
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



Report Date: 15-Mar-2014 14:28:38 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367320.D

Injection Date: 13-Mar-2014 23:38:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

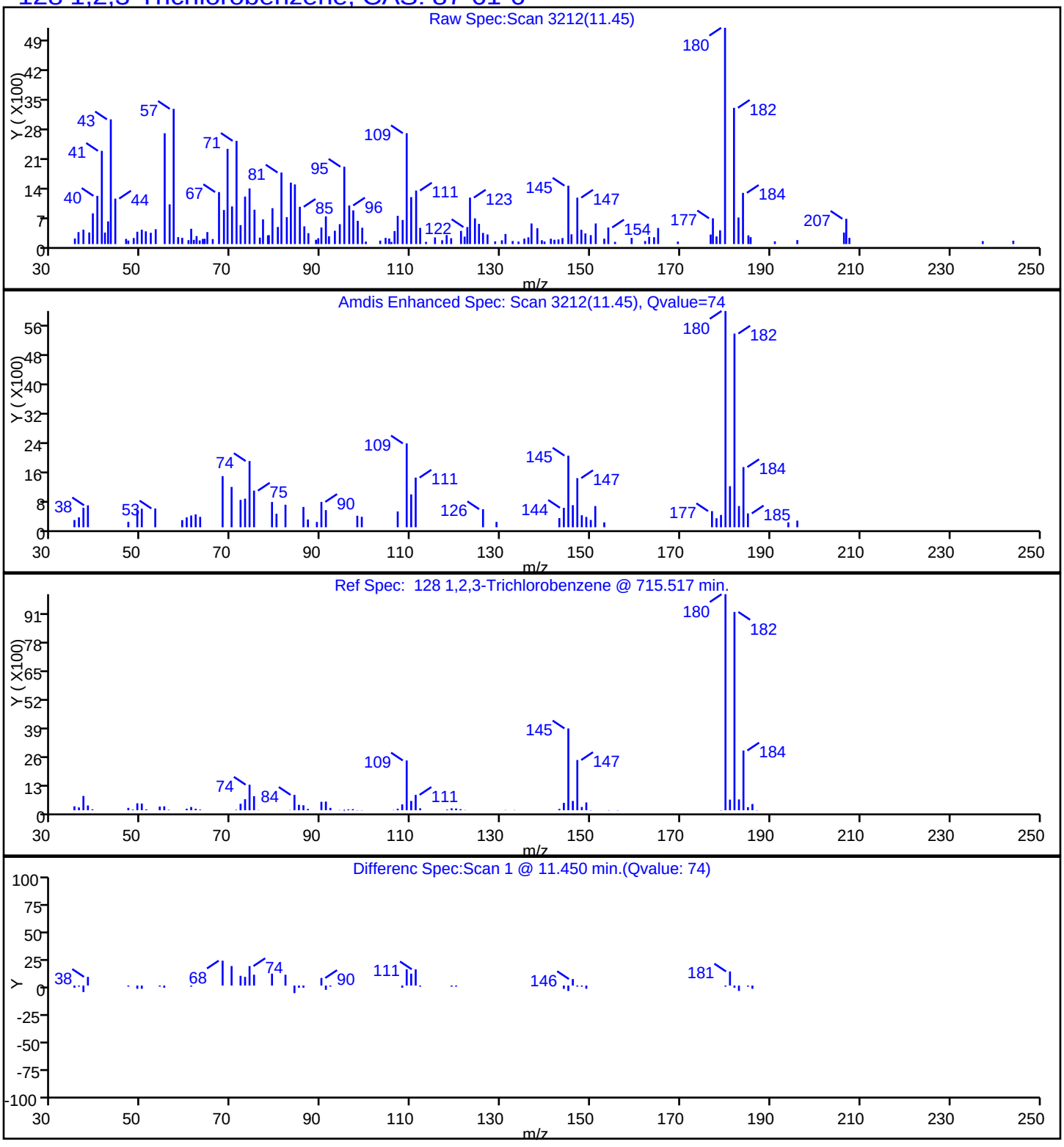
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



Report Date: 15-Mar-2014 14:28:38 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367320.D

Injection Date: 13-Mar-2014 23:38:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

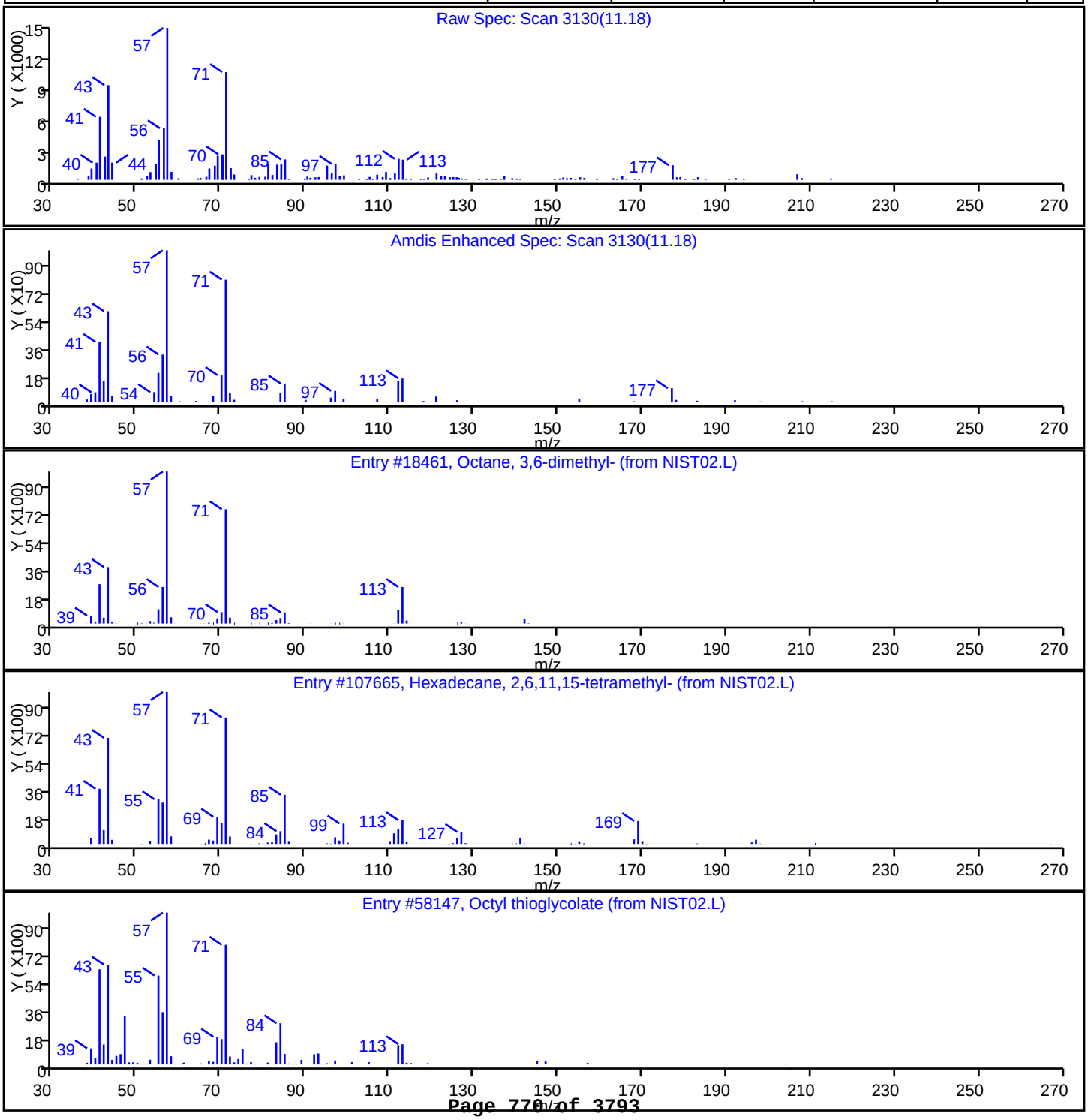
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octane, 3,6-dimethyl-	15869-94-0	NIST02.L	18461	C10H22	142	72
Hexadecane, 2,6,11,15-tetramethyl-	504-44-9	NIST02.L	107665	C20H42	282	72
Octyl thioglycolate	7664-80-4	NIST02.L	58147	C10H20O2S	204	72



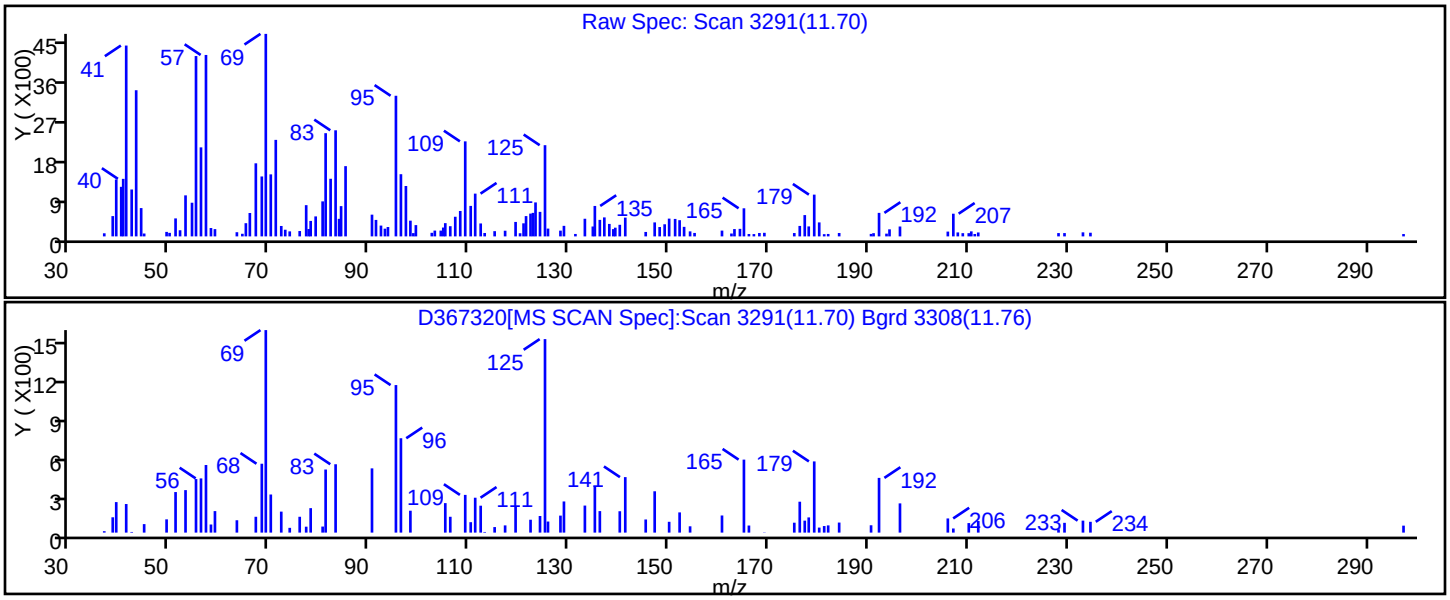
Report Date: 15-Mar-2014 14:28:38 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367320.D

Injection Date:	13-Mar-2014 23:38:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-6-A	Lab Sample ID:	460-72174-6		
Client ID:	PMP-4SW-VS				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Solution:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 40



Report Date: 15-Mar-2014 14:28:38 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367320.D

Injection Date: 13-Mar-2014 23:38:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

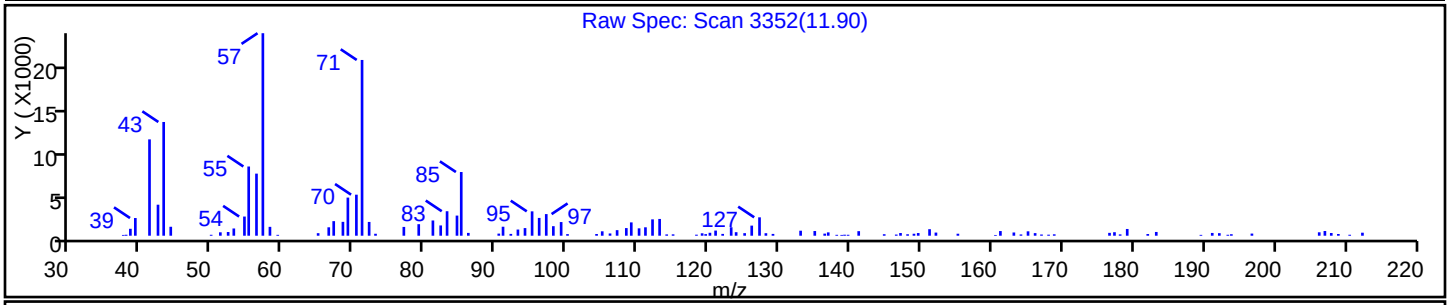
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

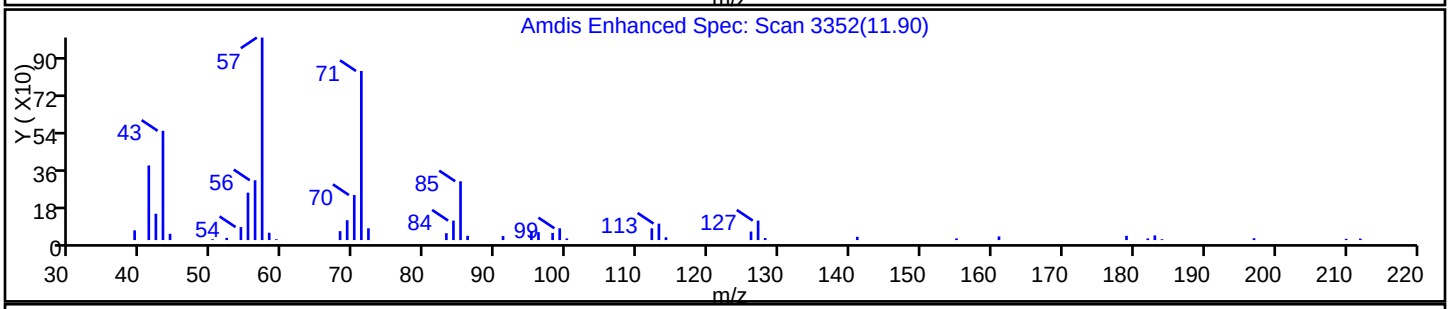
Purge Vol: 5.000 mL Dil. Factor: 1.0000

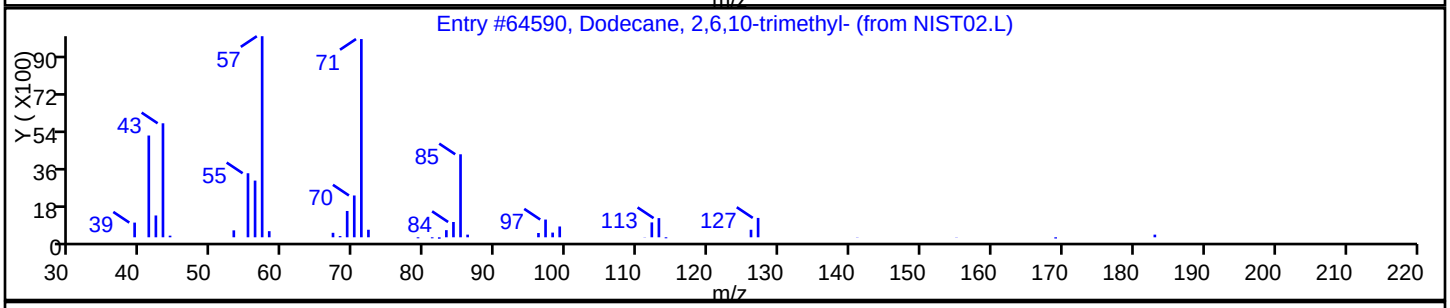
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

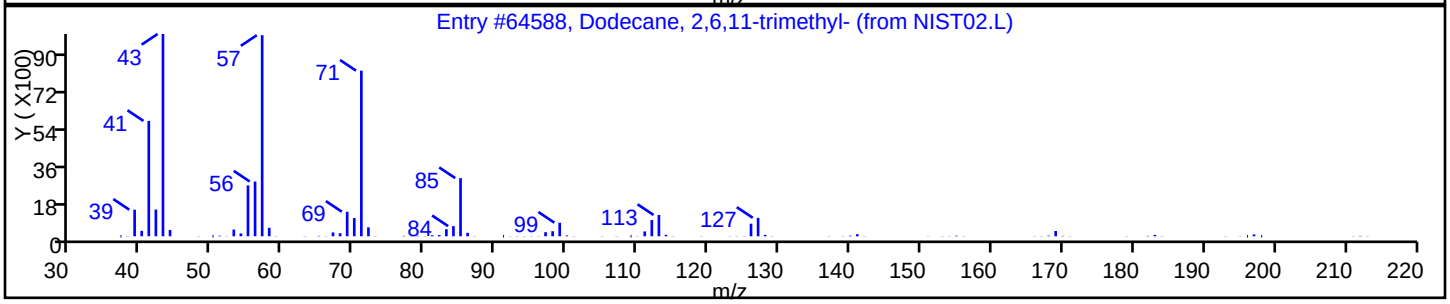
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	C15H32	212	87
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64588	C15H32	212	83









Report Date: 15-Mar-2014 14:28:38 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367320.D

Injection Date: 13-Mar-2014 23:38:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

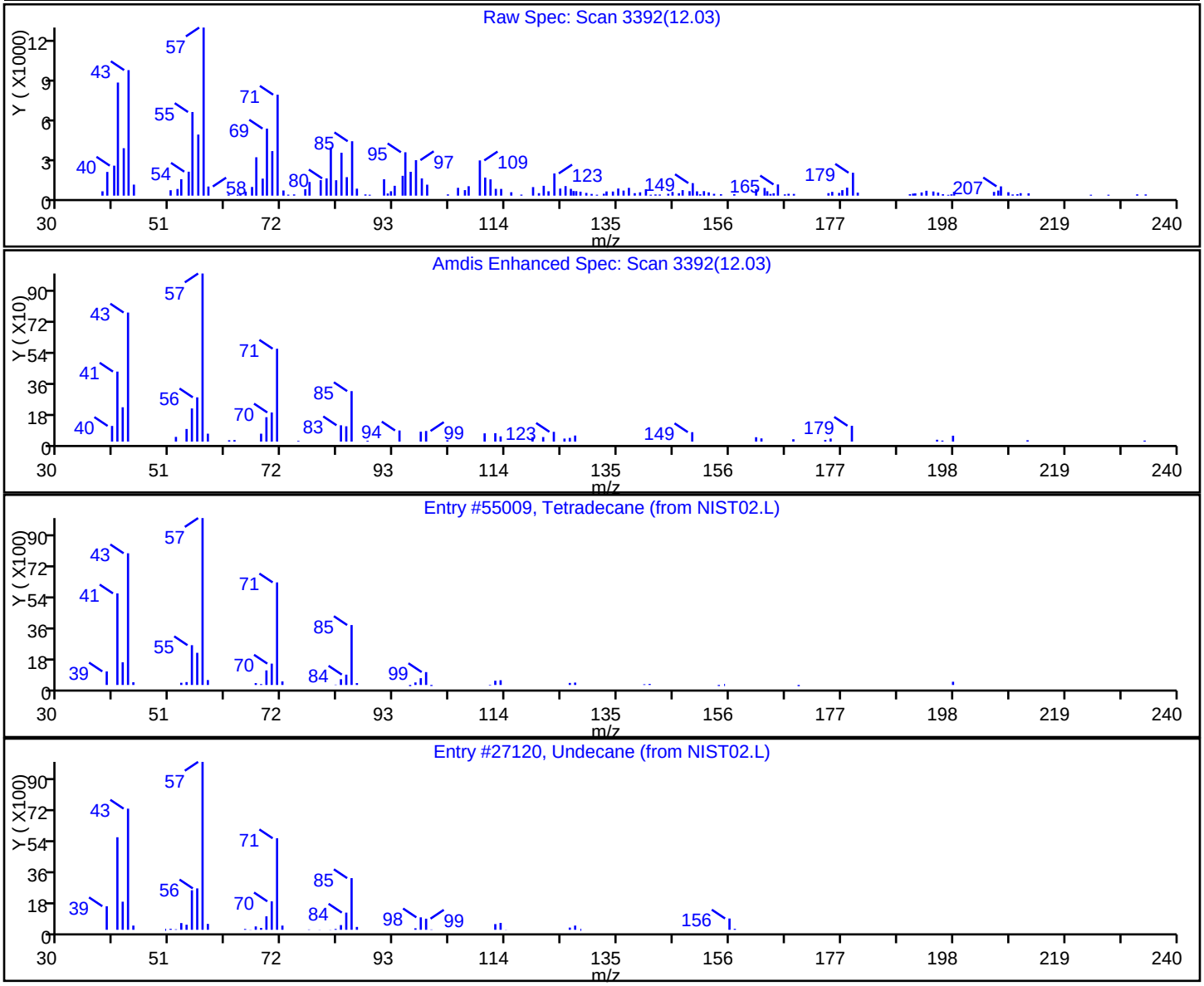
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetradecane	629-59-4	NIST02.L	55009	C14H30	198	76
Undecane	1120-21-4	NIST02.L	27120	C11H24	156	72



Report Date: 15-Mar-2014 14:28:38 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367320.D

Injection Date: 13-Mar-2014 23:38:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

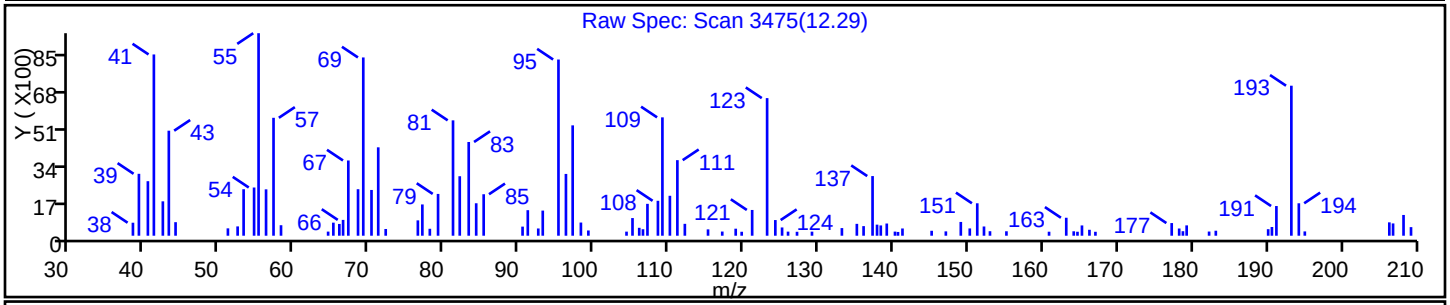
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

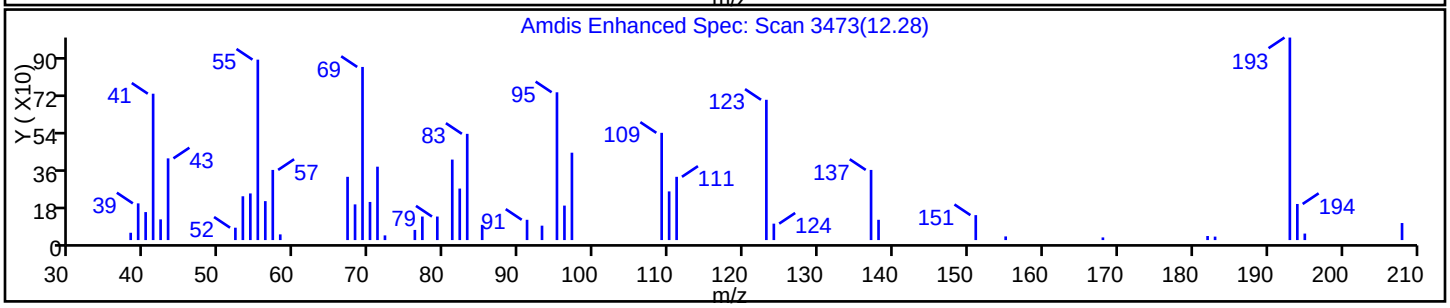
Purge Vol: 5.000 mL Dil. Factor: 1.0000

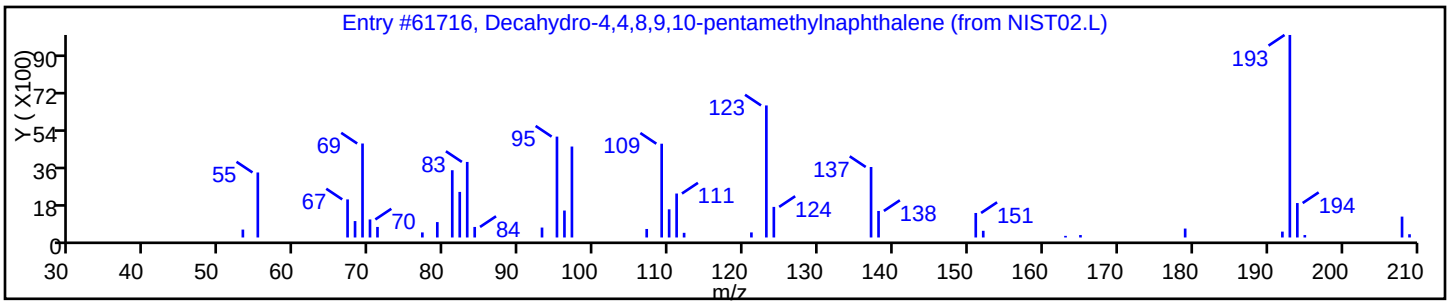
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown		NIST02.L	0		0	0
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	C15H28	208	89







Report Date: 15-Mar-2014 14:28:38 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367320.D

Injection Date: 13-Mar-2014 23:38:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

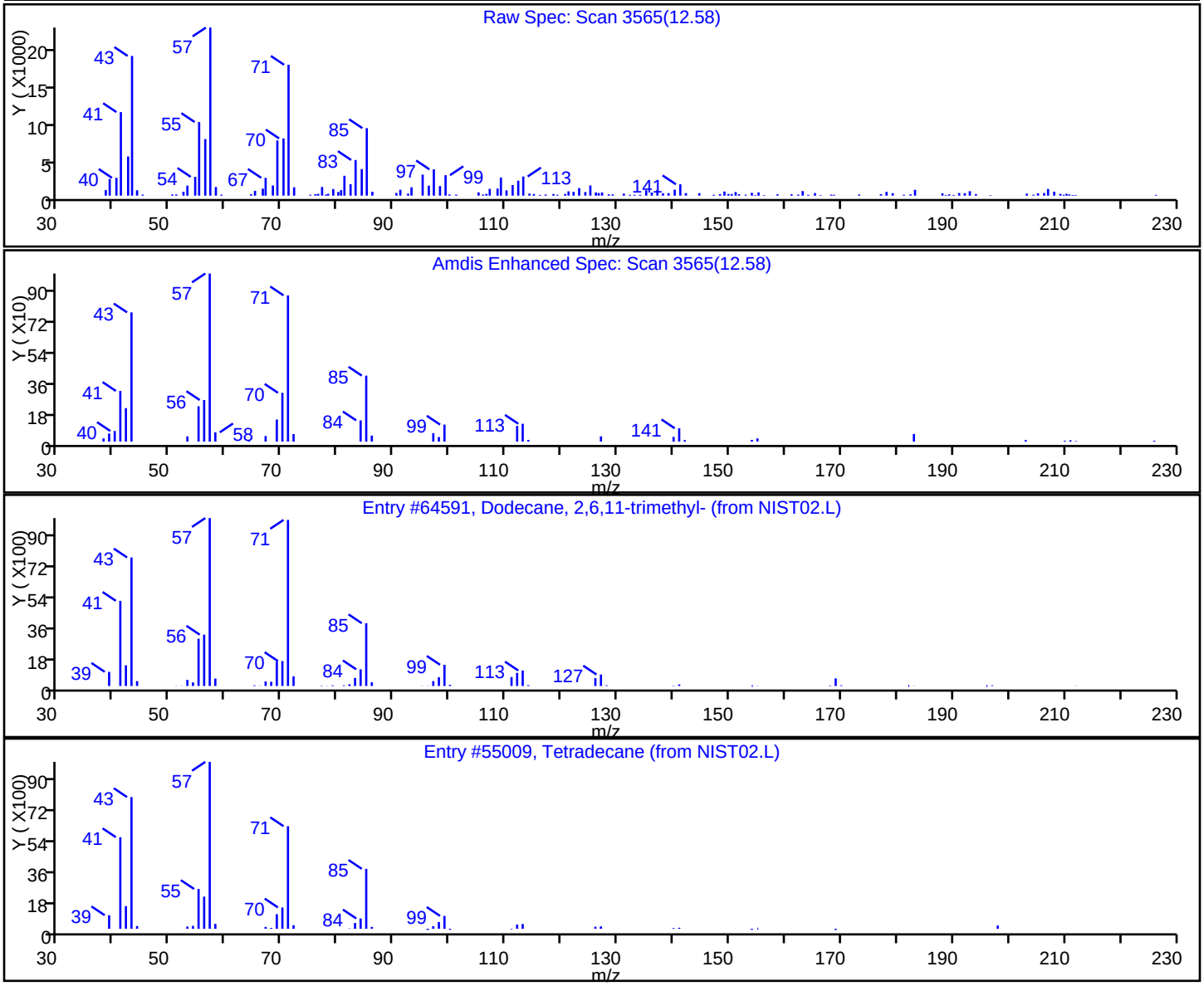
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64591	C15H32	212	91
Tetradecane	629-59-4	NIST02.L	55009	C14H30	198	86



Report Date: 15-Mar-2014 14:28:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367320.D

Injection Date: 13-Mar-2014 23:38:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

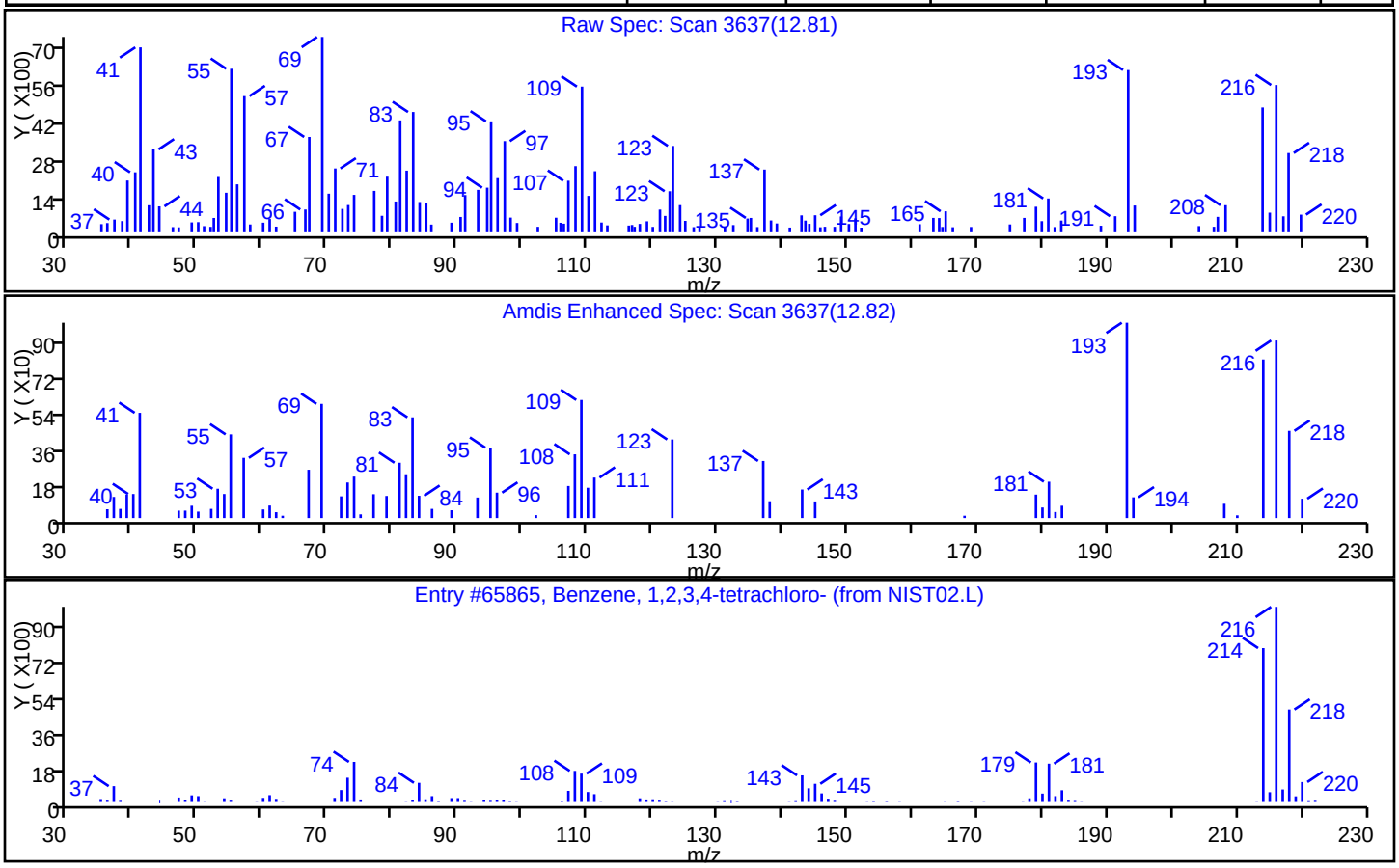
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3,4-tetrachloro-	634-66-2	NIST02.L	65865	C6H2Cl4	214	86



Report Date: 15-Mar-2014 14:28:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367320.D

Injection Date: 13-Mar-2014 23:38:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

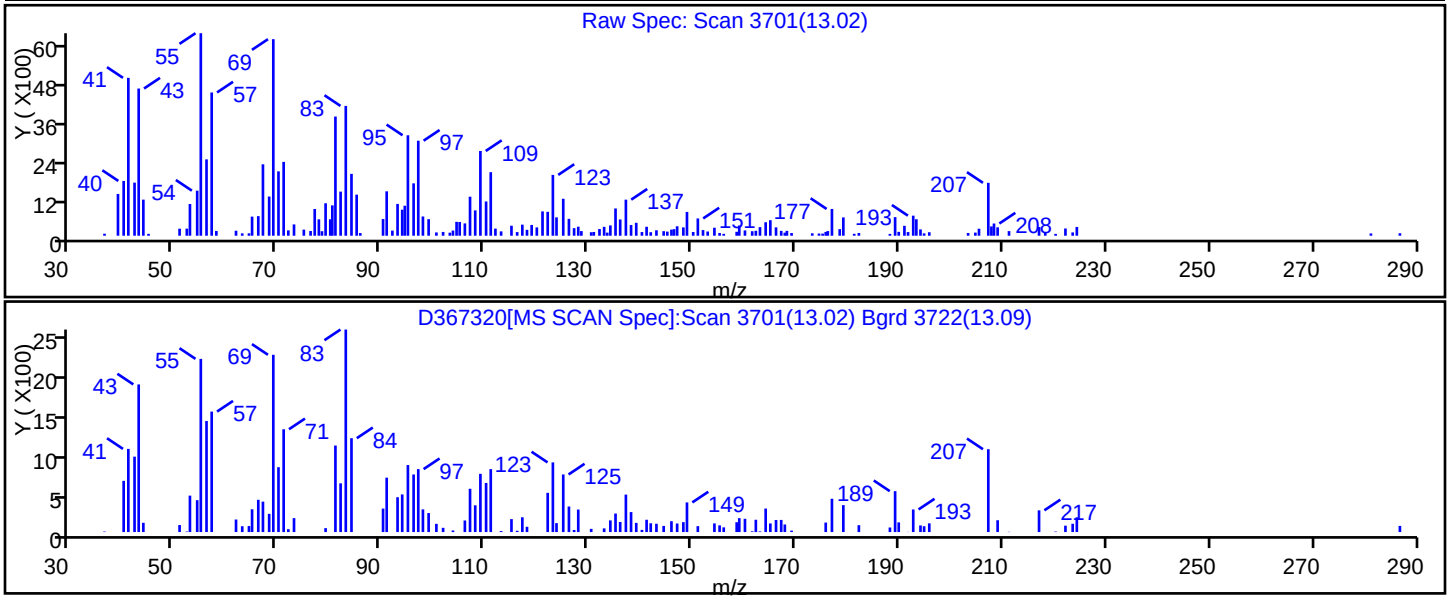
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

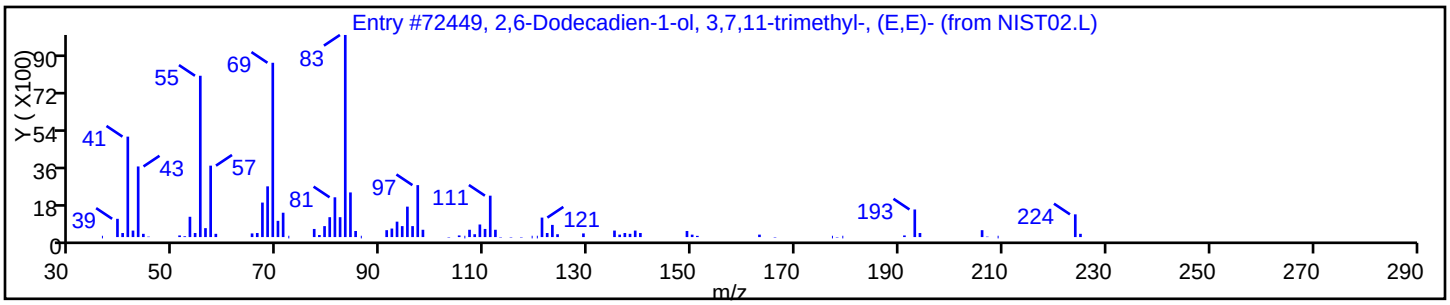
Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown		NIST02.L	0		0	0
2,6-Dodecadien-1-ol, 3,7,11-trimethyl-,	20576-56-1	NIST02.L	72449	C15H28O	224	49





Report Date: 15-Mar-2014 14:28:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367320.D

Injection Date: 13-Mar-2014 23:38:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

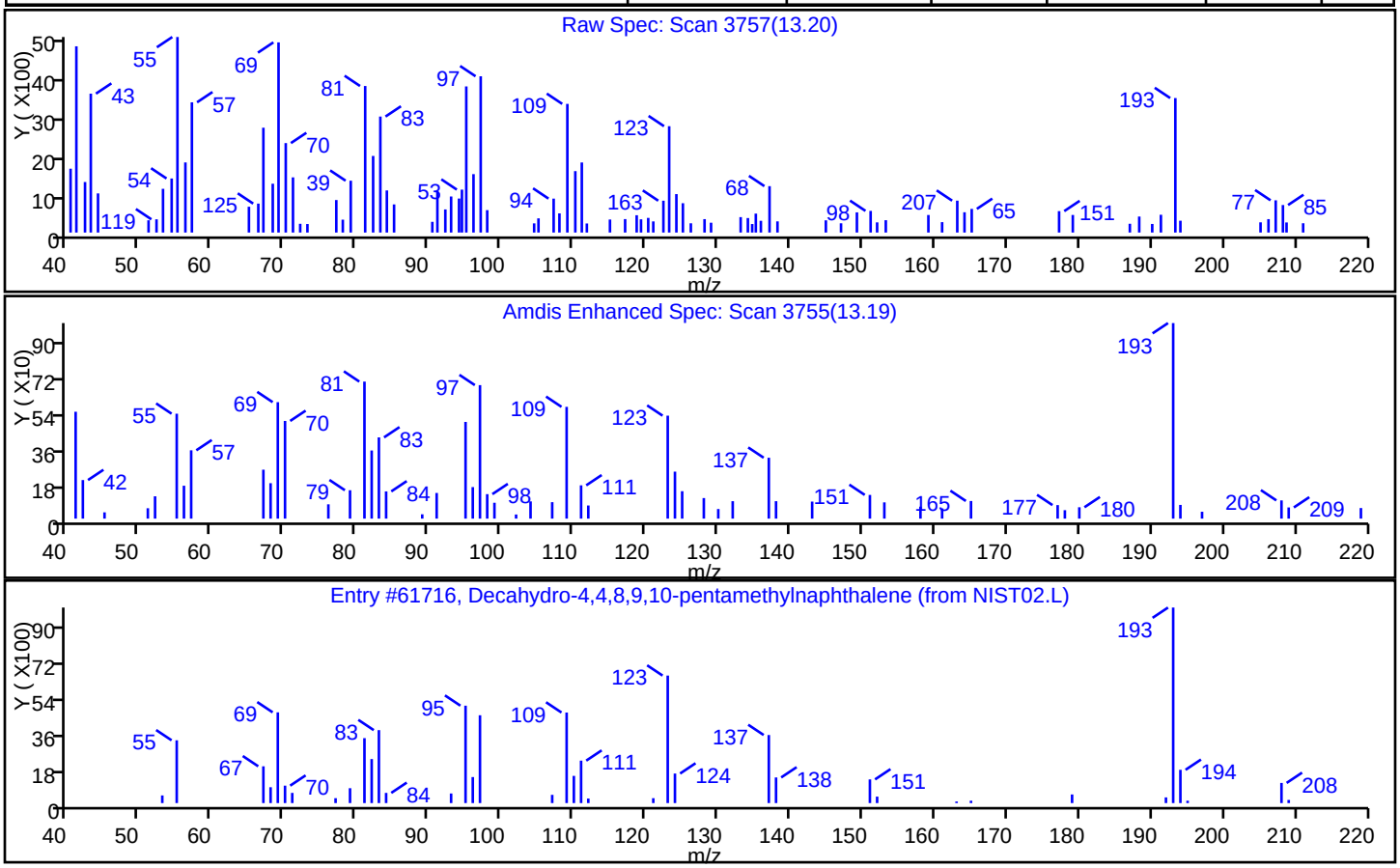
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	C15H28	208	90



Report Date: 15-Mar-2014 14:28:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367320.D

Injection Date: 13-Mar-2014 23:38:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-6-A Lab Sample ID: 460-72174-6

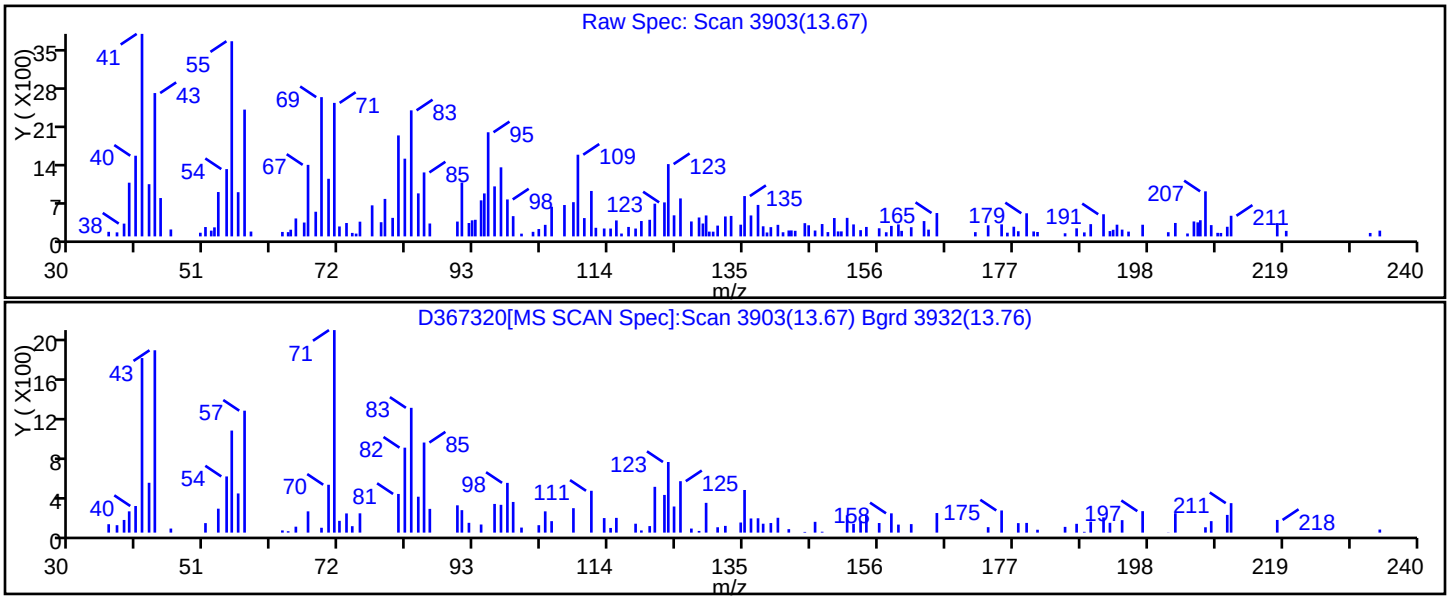
Client ID: PMP-4SW-VS

Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Solution Number of Library Matches Found above the Threshold: 40 Detector MS SCAN



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-4SW-VD | Lab Sample ID: 460-72174-7

Matrix: Solid | Lab File ID: D367293.D

Analysis Method: 8260B | Date Collected: 03/06/2014 10:10

Sample wt/vol: 6.01(g) | Date Analyzed: 03/13/2014 11:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.2 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.14	U	0.87	0.14
74-83-9	Bromomethane	0.37	U	0.87	0.37
75-01-4	Vinyl chloride	0.30	U	0.87	0.30
75-00-3	Chloroethane	0.29	U	0.87	0.29
75-09-2	Methylene Chloride	0.13	U	0.87	0.13
67-64-1	Acetone	12	B	4.3	1.5
75-15-0	Carbon disulfide	0.13	U	0.87	0.13
75-69-4	Trichlorofluoromethane	0.14	U	0.87	0.14
75-35-4	1,1-Dichloroethene	0.17	U	0.87	0.17
75-34-3	1,1-Dichloroethane	0.096	U	0.87	0.096
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.87	0.11
156-59-2	cis-1,2-Dichloroethene	0.096	U	0.87	0.096
67-66-3	Chloroform	0.21	U	0.87	0.21
78-93-3	2-Butanone	0.55	U	4.3	0.55
107-06-2	1,2-Dichloroethane	0.16	U	0.87	0.16
71-55-6	1,1,1-Trichloroethane	0.11	U	0.87	0.11
56-23-5	Carbon tetrachloride	0.13	U	0.87	0.13
71-43-2	Benzene	0.13	U	0.87	0.13
75-25-2	Bromoform	0.15	U	0.87	0.15
100-42-5	Styrene	0.24	U	0.87	0.24
100-41-4	Ethylbenzene	0.15	U	0.87	0.15
108-90-7	Chlorobenzene	0.16	U	0.87	0.16
110-82-7	Cyclohexane	0.11	U	0.87	0.11
98-82-8	Isopropylbenzene	0.096	U	0.87	0.096
591-78-6	2-Hexanone	0.11	U	4.3	0.11
1634-04-4	MTBE	0.096	U	0.87	0.096
76-13-1	Freon TF	0.096	U	0.87	0.096
79-20-9	Methyl acetate	0.28	U	4.3	0.28
123-91-1	1,4-Dioxane	11	U	17	11
79-01-6	Trichloroethene	0.10	U	0.87	0.10
108-88-3	Toluene	0.12	U	0.87	0.12
10061-02-6	trans-1,3-Dichloropropene	0.087	U	0.87	0.087
108-10-1	4-Methyl-2-pentanone	0.17	U	4.3	0.17
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.87	0.12
95-50-1	1,2-Dichlorobenzene	0.087	U	0.87	0.087
541-73-1	1,3-Dichlorobenzene	0.14	U	0.87	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-4SW-VD | Lab Sample ID: 460-72174-7

Matrix: Solid | Lab File ID: D367293.D

Analysis Method: 8260B | Date Collected: 03/06/2014 10:10

Sample wt/vol: 6.01(g) | Date Analyzed: 03/13/2014 11:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.2 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.21	J	0.87	0.096
120-82-1	1,2,4-Trichlorobenzene	0.19	J	0.87	0.17
87-61-6	1,2,3-Trichlorobenzene	0.15	J	0.87	0.14
78-87-5	1,2-Dichloropropane	0.13	U	0.87	0.13
108-87-2	Methylcyclohexane	0.087	U	0.87	0.087
127-18-4	Tetrachloroethene	0.10	U	0.87	0.10
1330-20-7	Xylenes, Total	0.58	U	1.7	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	0.87	0.38
79-34-5	1,1,2,2-Tetrachloroethane	0.078	U	0.87	0.078
79-00-5	1,1,2-Trichloroethane	0.12	U	0.87	0.12
124-48-1	Dibromochloromethane	0.087	U	0.87	0.087
106-93-4	1,2-Dibromoethane	0.13	U	0.87	0.13
75-71-8	Dichlorodifluoromethane	0.19	U	0.87	0.19
74-97-5	Bromochloromethane	0.096	U	0.87	0.096
75-27-4	Bromodichloromethane	0.28	U	0.87	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	Bromofluorobenzene	96		70-130
1868-53-7	Dibromofluoromethane (Surr)	94		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-4SW-VD Lab Sample ID: 460-72174-7

Matrix: Solid Lab File ID: D367293.D

Analysis Method: 8260B Date Collected: 03/06/2014 10:10

Sample wt/vol: 6.01(g) Date Analyzed: 03/13/2014 11:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.2 Level: (low/med) Low

Analysis Batch No.: 212326 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Report Date: 15-Mar-2014 13:12:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367293.D
Lims ID: 460-72174-B-7-A Lab Sample ID: 460-72174-7
Client ID: PMP-4SW-VD
Sample Type: Client
Inject. Date: 13-Mar-2014 11:12:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-7-A
Misc. Info.: 460-0010815-013
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 13:12:38 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: baronm Date: 15-Mar-2014 13:12:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	2.419	2.419	0.0	68	11063	13.3	
* 151 TBA-d9 (IS)	65	2.625	2.628	-0.003	62	167522	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.702	3.702	0.0	89	106020	47.0	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.152	4.152	0.0	96	97107	49.5	
* 59 Fluorobenzene	96	4.413	4.409	0.004	87	512708	50.0	
* 150 1,4-Dioxane-d8	96	5.384	5.377	0.007	1	11234	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.078	6.072	0.006	91	492680	46.7	
* 87 Chlorobenzene-d5	117	7.779	7.776	0.003	88	305562	50.0	
$ 99 4-Bromofluorobenzene	174	8.859	8.853	0.006	78	105226	47.8	
* 116 1,4-Dichlorobenzene-d4	152	9.724	9.721	0.003	89	149852	50.0	
117 1,4-Dichlorobenzene	146	9.734	9.731	0.003	32	1619	0.2435	
124 1,2,4-Trichlorobenzene	180	11.091	11.091	0.0	54	919	0.2135	
128 1,2,3-Trichlorobenzene	180	11.445	11.448	-0.003	1	624	0.1726	M

QC Flag Legend

Review Flags
M - Manually Integrated

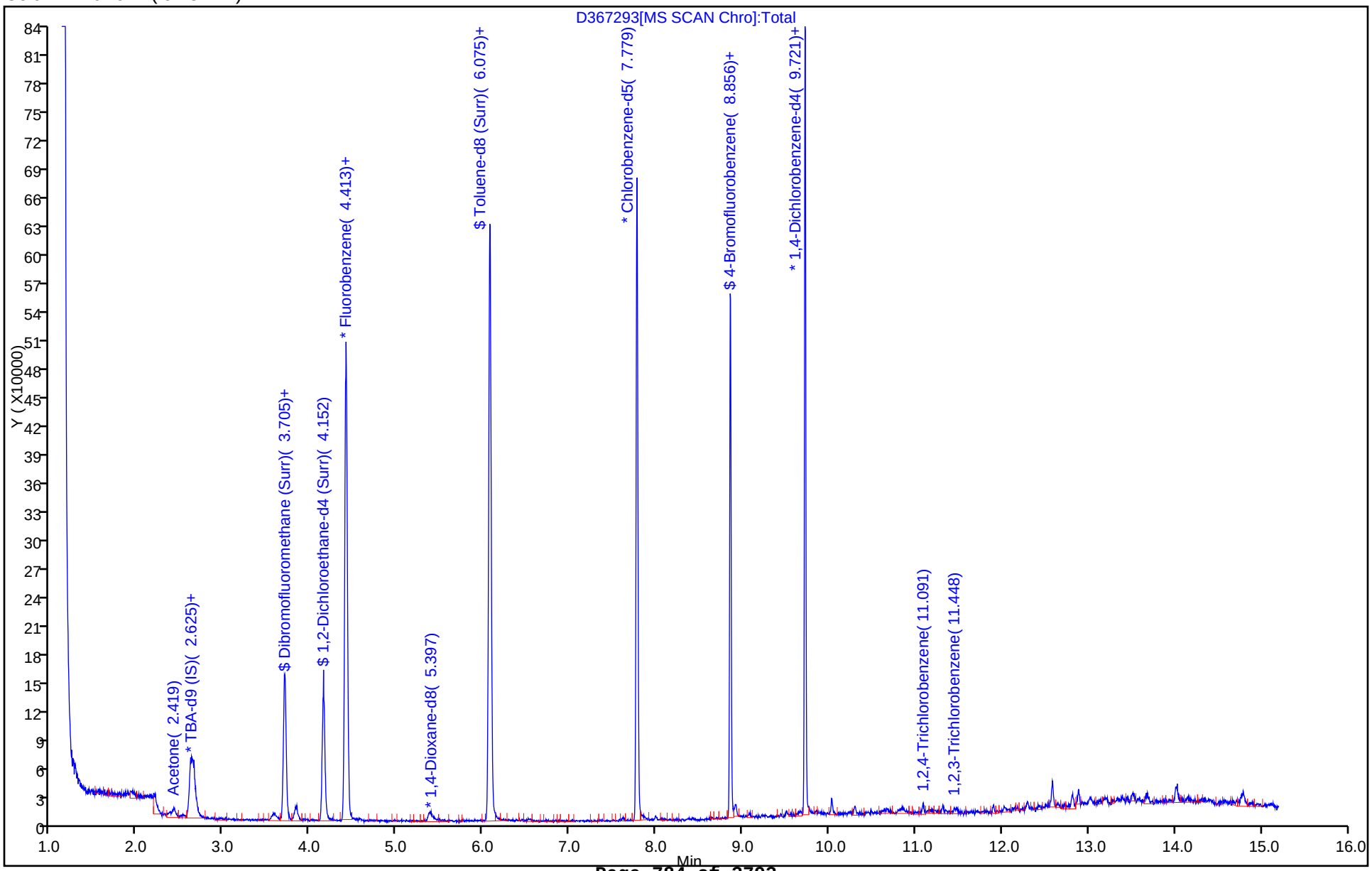
Report Date: 15-Mar-2014 13:12:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367293.D

Injection Date:	13-Mar-2014 11:12:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-B-7-A	Lab Sample ID:	460-72174-7	Worklist Smp#:	13
Client ID:	PMP-4SW-VD				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



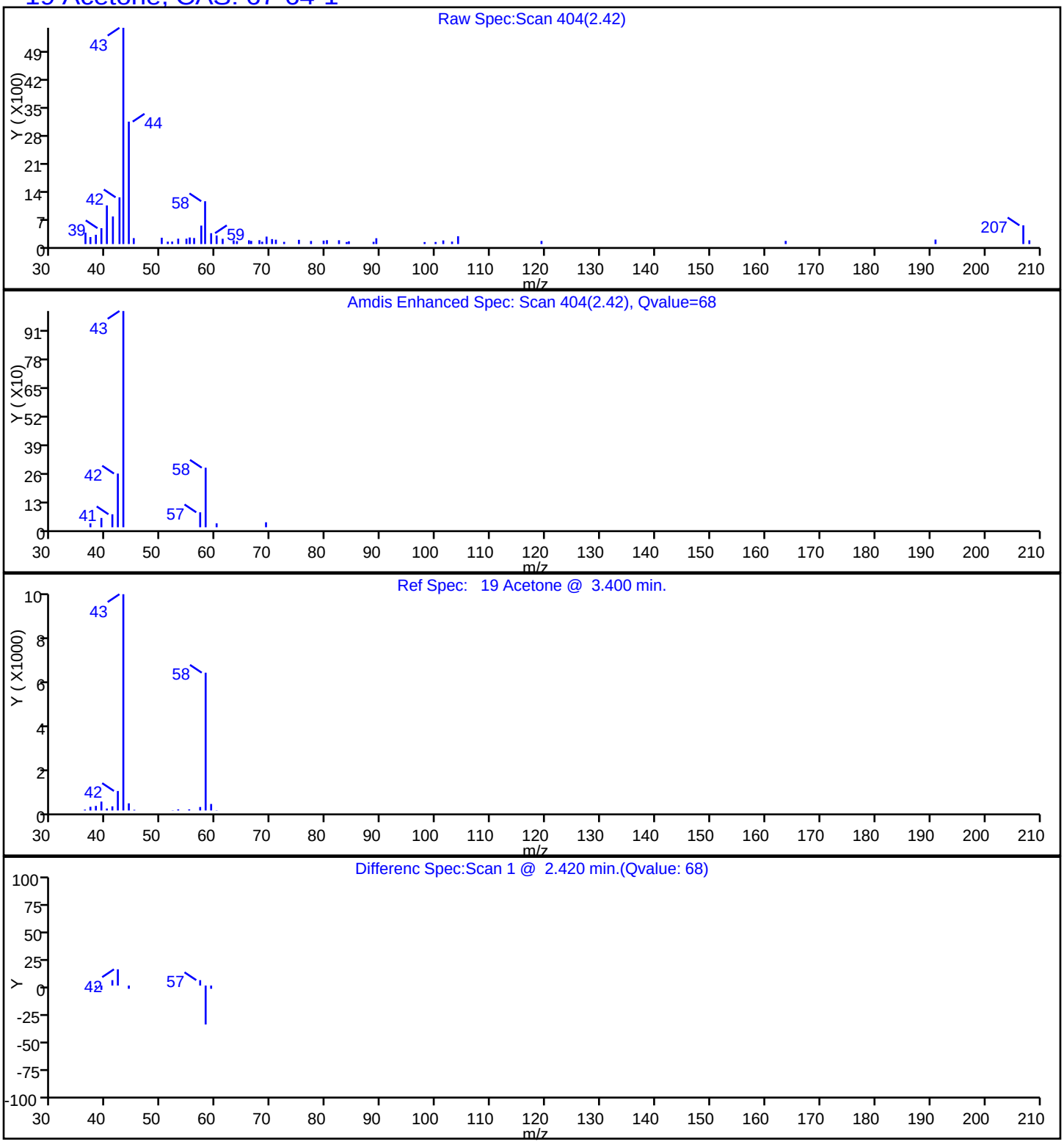
Report Date: 15-Mar-2014 13:12:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367293.D

Injection Date:	13-Mar-2014 11:12:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-7-A	Lab Sample ID:	460-72174-7		
Client ID:	PMP-4SW-VD				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

19 Acetone, CAS: 67-64-1



Report Date: 15-Mar-2014 13:12:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367293.D

Injection Date: 13-Mar-2014 11:12:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-7-A Lab Sample ID: 460-72174-7

Client ID: PMP-4SW-VD

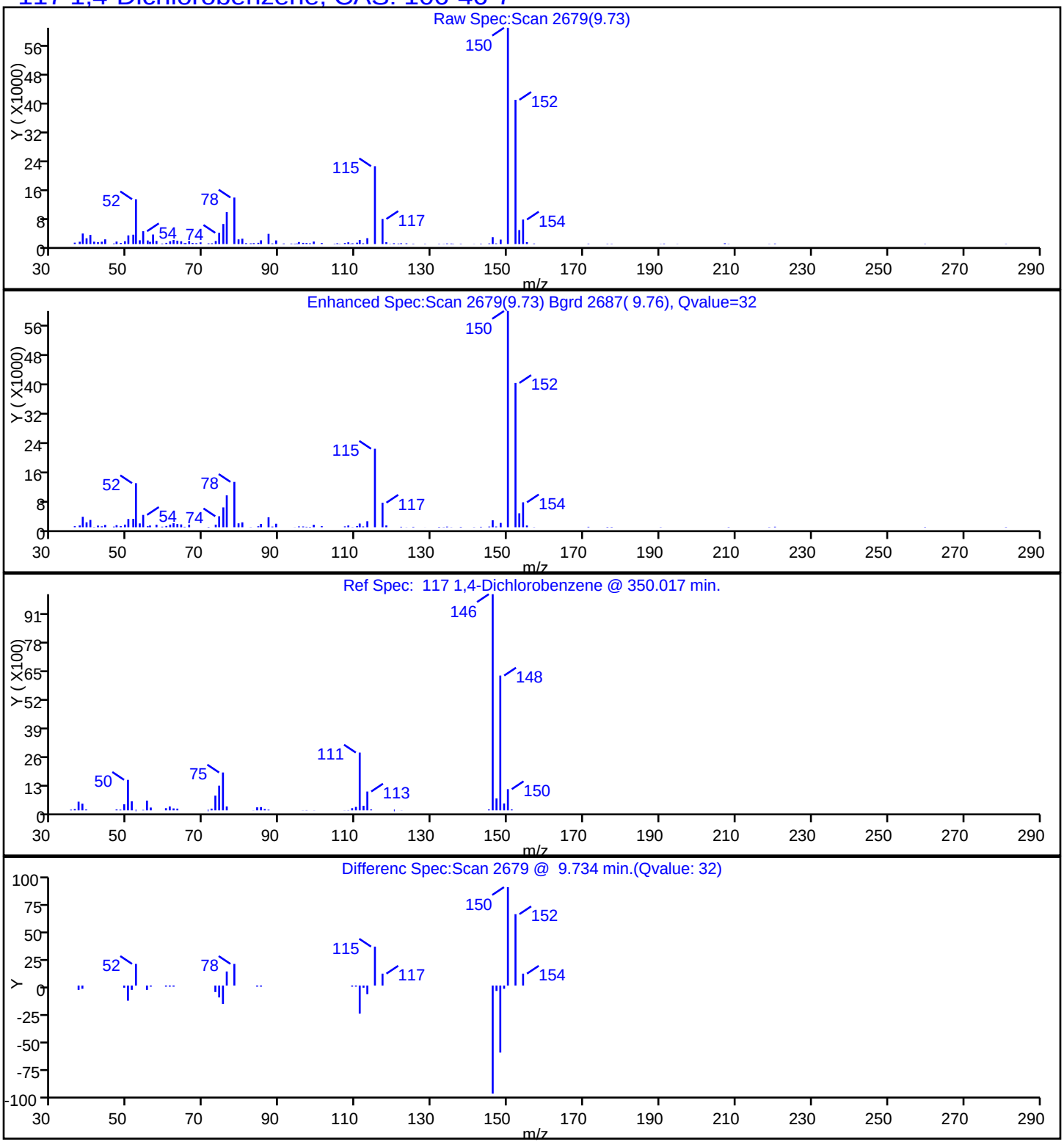
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7



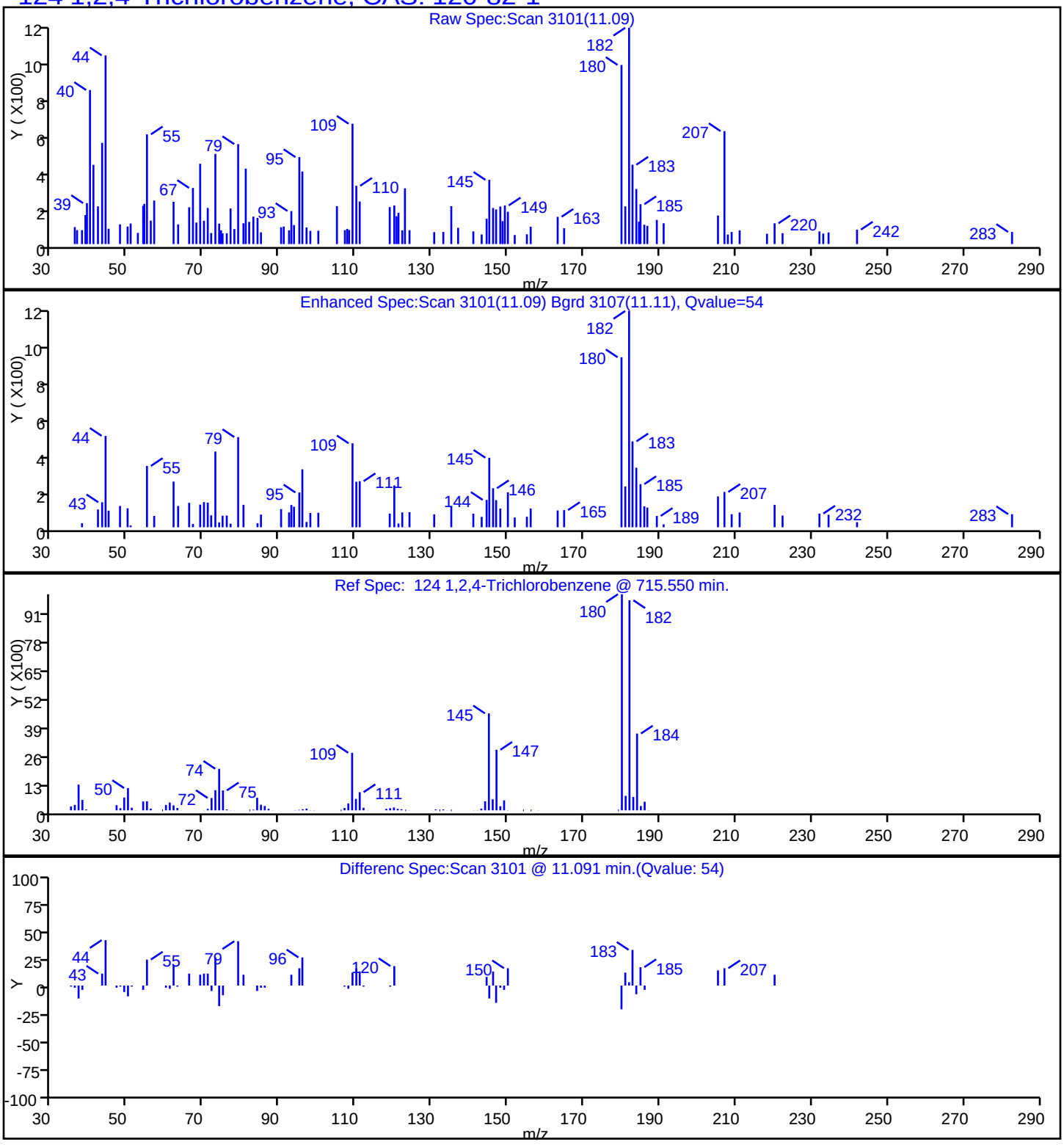
Report Date: 15-Mar-2014 13:12:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367293.D

Injection Date:	13-Mar-2014 11:12:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-7-A	Lab Sample ID:	460-72174-7		
Client ID:	PMP-4SW-VD				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



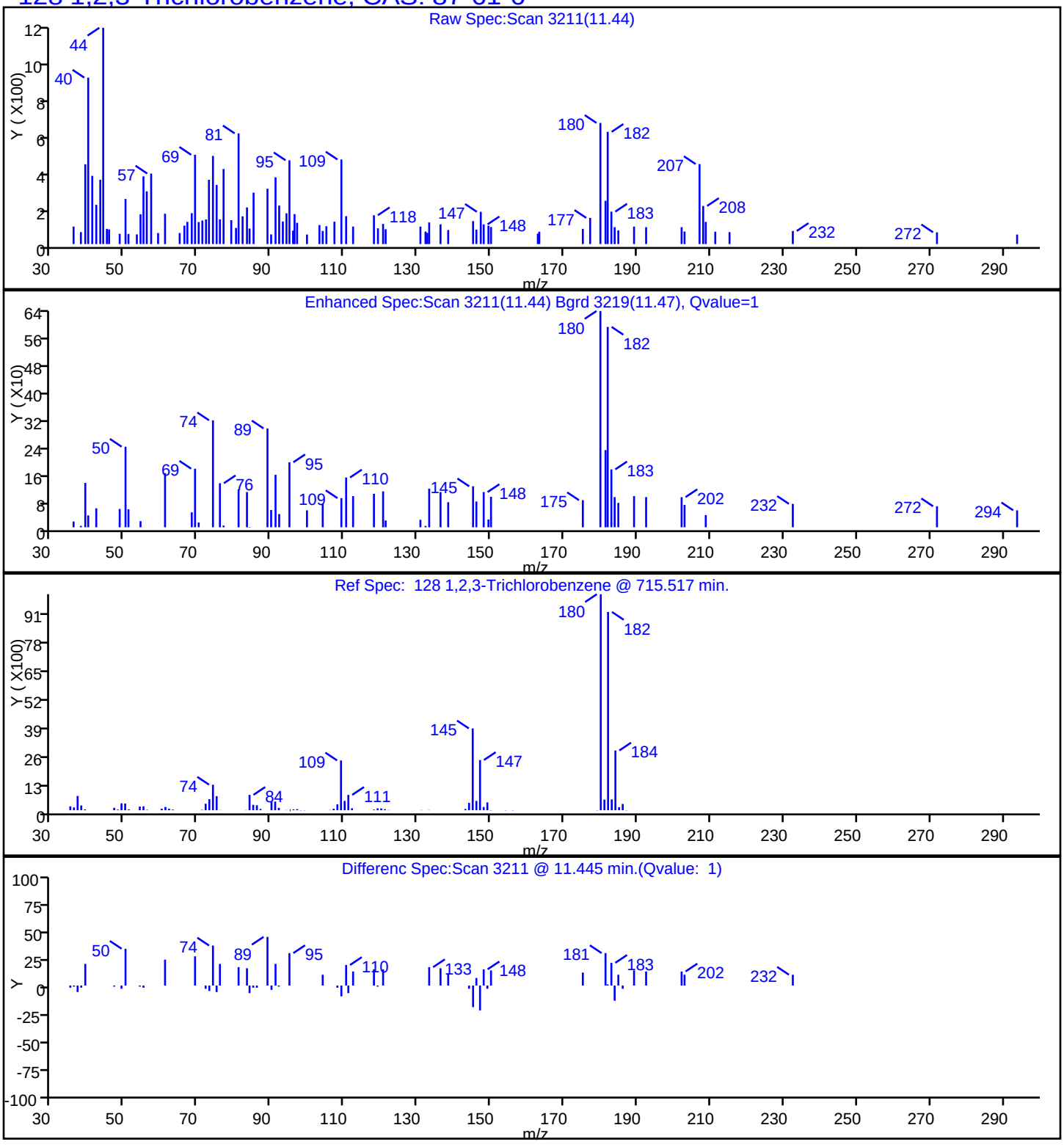
Report Date: 15-Mar-2014 13:12:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367293.D

Injection Date:	13-Mar-2014 11:12:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-7-A	Lab Sample ID:	460-72174-7		
Client ID:	PMP-4SW-VD				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



Manual Integration/User Assign Peak Report

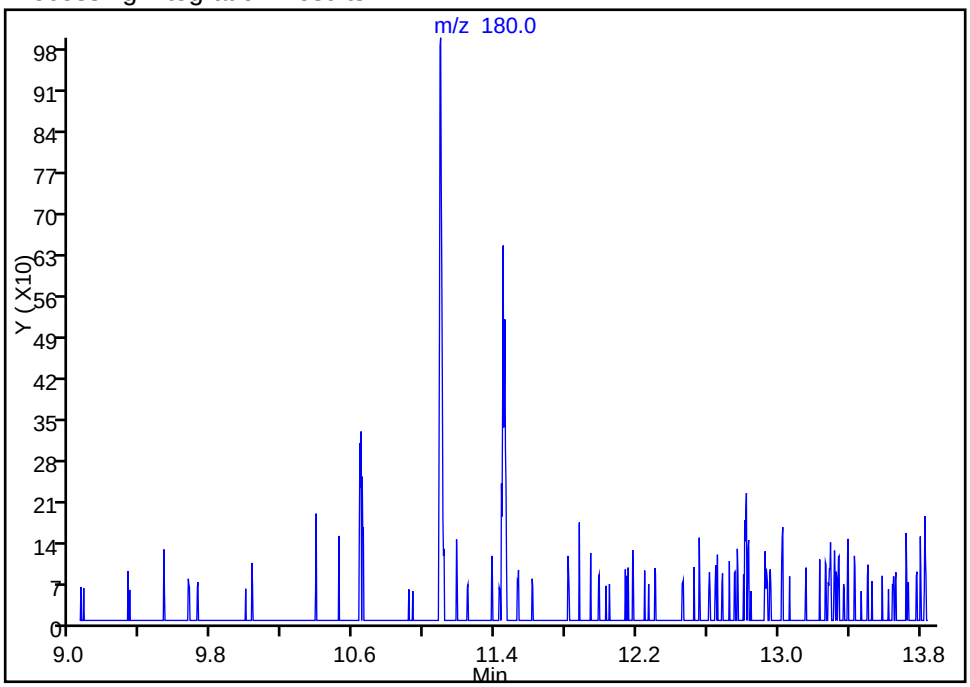
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367293.D				
Injection Date:	13-Mar-2014 11:12:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-7-A	Lab Sample ID:	460-72174-7		
Client ID:	PMP-4SW-VD				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6

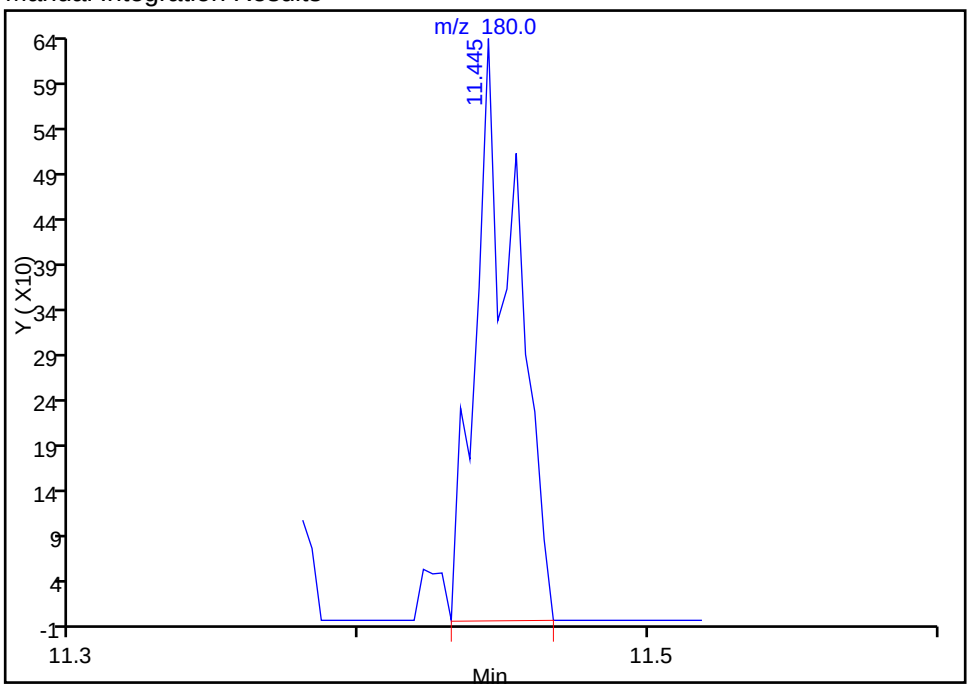
Not Detected
Expected RT: 11.45

Processing Integration Results



Manual Integration Results

RT: 11.44
Response: 624
Amount: 0.172551



Reviewer: baronm, 14-Mar-2014 19:08:19
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-VS | Lab Sample ID: 460-72174-8

Matrix: Solid | Lab File ID: D367294.D

Analysis Method: 8260B | Date Collected: 03/06/2014 10:20

Sample wt/vol: 5.651(g) | Date Analyzed: 03/13/2014 11:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.8 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.95	0.15
74-83-9	Bromomethane	0.41	U	0.95	0.41
75-01-4	Vinyl chloride	0.32	U	0.95	0.32
75-00-3	Chloroethane	0.31	U	0.95	0.31
75-09-2	Methylene Chloride	0.14	U	0.95	0.14
67-64-1	Acetone	17	B	4.7	1.6
75-15-0	Carbon disulfide	0.14	U	0.95	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.95	0.15
75-35-4	1,1-Dichloroethene	0.18	U	0.95	0.18
75-34-3	1,1-Dichloroethane	0.10	U	0.95	0.10
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.95	0.12
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.95	0.10
67-66-3	Chloroform	1.2		0.95	0.23
78-93-3	2-Butanone	0.60	U	4.7	0.60
107-06-2	1,2-Dichloroethane	0.17	U	0.95	0.17
71-55-6	1,1,1-Trichloroethane	0.12	U	0.95	0.12
56-23-5	Carbon tetrachloride	0.14	U	0.95	0.14
71-43-2	Benzene	0.14	U	0.95	0.14
75-25-2	Bromoform	0.16	U	0.95	0.16
100-42-5	Styrene	0.27	U	0.95	0.27
100-41-4	Ethylbenzene	0.16	U	0.95	0.16
108-90-7	Chlorobenzene	0.17	U	0.95	0.17
110-82-7	Cyclohexane	0.12	U	0.95	0.12
98-82-8	Isopropylbenzene	0.10	U	0.95	0.10
591-78-6	2-Hexanone	0.12	U	4.7	0.12
1634-04-4	MTBE	0.10	U	0.95	0.10
76-13-1	Freon TF	0.10	U	0.95	0.10
79-20-9	Methyl acetate	0.30	U	4.7	0.30
123-91-1	1,4-Dioxane	12	U	19	12
79-01-6	Trichloroethene	0.63	J	0.95	0.11
108-88-3	Toluene	0.13	U	0.95	0.13
10061-02-6	trans-1,3-Dichloropropene	0.095	U	0.95	0.095
108-10-1	4-Methyl-2-pentanone	0.19	U	4.7	0.19
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.95	0.13
95-50-1	1,2-Dichlorobenzene	0.095	U	0.95	0.095
541-73-1	1,3-Dichlorobenzene	0.15	J	0.95	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-VS | Lab Sample ID: 460-72174-8

Matrix: Solid | Lab File ID: D367294.D

Analysis Method: 8260B | Date Collected: 03/06/2014 10:20

Sample wt/vol: 5.651(g) | Date Analyzed: 03/13/2014 11:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.8 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.28	J	0.95	0.10
120-82-1	1,2,4-Trichlorobenzene	0.18	U	0.95	0.18
87-61-6	1,2,3-Trichlorobenzene	0.29	J	0.95	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.95	0.14
108-87-2	Methylcyclohexane	0.095	U	0.95	0.095
127-18-4	Tetrachloroethene	0.26	J	0.95	0.11
1330-20-7	Xylenes, Total	0.64	U	1.9	0.64
96-12-8	1,2-Dibromo-3-Chloropropane	0.42	U	0.95	0.42
79-34-5	1,1,2,2-Tetrachloroethane	0.085	U	0.95	0.085
79-00-5	1,1,2-Trichloroethane	0.13	U	0.95	0.13
124-48-1	Dibromochloromethane	0.095	U	0.95	0.095
106-93-4	1,2-Dibromoethane	0.14	U	0.95	0.14
75-71-8	Dichlorodifluoromethane	0.21	U	0.95	0.21
74-97-5	Bromochloromethane	0.10	U	0.95	0.10
75-27-4	Bromodichloromethane	0.30	U	0.95	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	110		70-130
1868-53-7	Dibromofluoromethane (Surr)	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-VS Lab Sample ID: 460-72174-8

Matrix: Solid Lab File ID: D367294.D

Analysis Method: 8260B Date Collected: 03/06/2014 10:20

Sample wt/vol: 5.651(g) Date Analyzed: 03/13/2014 11:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.8 Level: (low/med) Low

Analysis Batch No.: 212326 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Report Date: 15-Mar-2014 13:14:49 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367294.D
Lims ID: 460-72174-B-8-A Lab Sample ID: 460-72174-8
Client ID: PMP-22SW-VS
Sample Type: Client
Inject. Date: 13-Mar-2014 11:35:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-8-A
Misc. Info.: 460-0010815-014
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 13:14:48 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: starzecm Date: 13-Mar-2014 18:53:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	2.422	2.419	0.003	69	13956	18.4	
* 151 TBA-d9 (IS)	65	2.641	2.628	0.013	1	153443	1000.0	M
47 Chloroform	83	3.554	3.554	0.0	69	7027	1.31	
$ 152 Dibromofluoromethane (Surr)	113	3.702	3.702	0.0	90	99172	48.7	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.146	4.152	-0.006	96	91913	51.8	
* 59 Fluorobenzene	96	4.409	4.409	0.0	87	463527	50.0	
61 Trichloroethene	95	4.573	4.567	0.006	64	2126	0.6607	
* 150 1,4-Dioxane-d8	96	5.390	5.377	0.013	1	9110	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.075	6.072	0.003	90	437663	49.5	
80 Tetrachloroethene	166	6.567	6.577	-0.010	33	789	0.2709	
* 87 Chlorobenzene-d5	117	7.776	7.776	0.0	87	255748	50.0	
$ 99 4-Bromofluorobenzene	174	8.859	8.853	0.006	77	81041	54.9	
115 1,3-Dichlorobenzene	146	9.670	9.663	0.007	48	723	0.1599	7
* 116 1,4-Dichlorobenzene-d4	152	9.724	9.721	0.003	88	100415	50.0	
117 1,4-Dichlorobenzene	146	9.731	9.731	0.0	31	1304	0.2927	
128 1,2,3-Trichlorobenzene	180	11.448	11.448	0.0	26	748	0.3087	M

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Review Flags
M - Manually Integrated

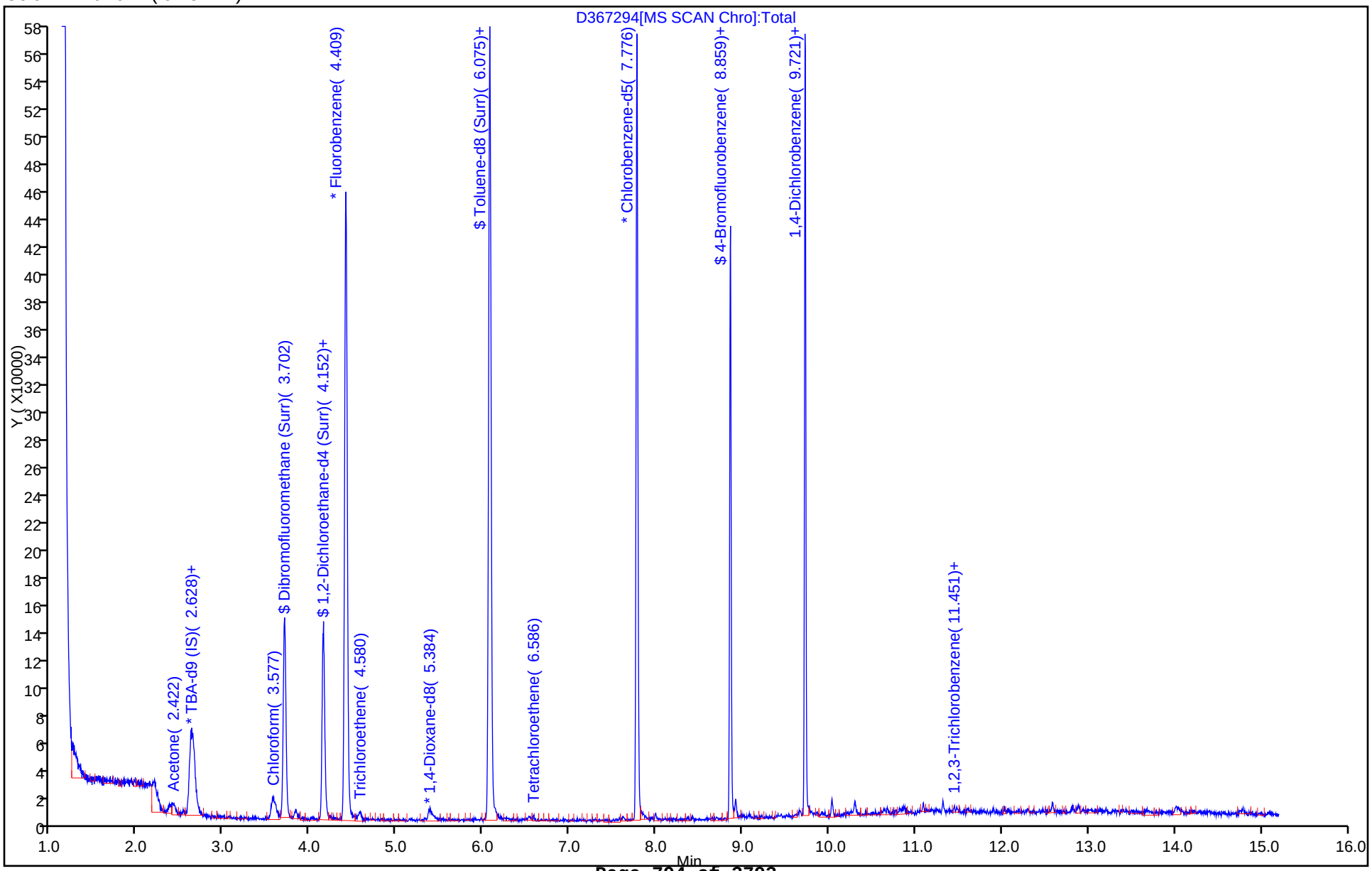
Report Date: 15-Mar-2014 13:14:49 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367294.D

Injection Date:	13-Mar-2014 11:35:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-B-8-A	Lab Sample ID:	460-72174-8	Worklist Smp#:	14
Client ID:	PMP-22SW-VS				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



Report Date: 15-Mar-2014 13:14:49 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367294.D

Injection Date: 13-Mar-2014 11:35:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-8-A Lab Sample ID: 460-72174-8

Client ID: PMP-22SW-VS

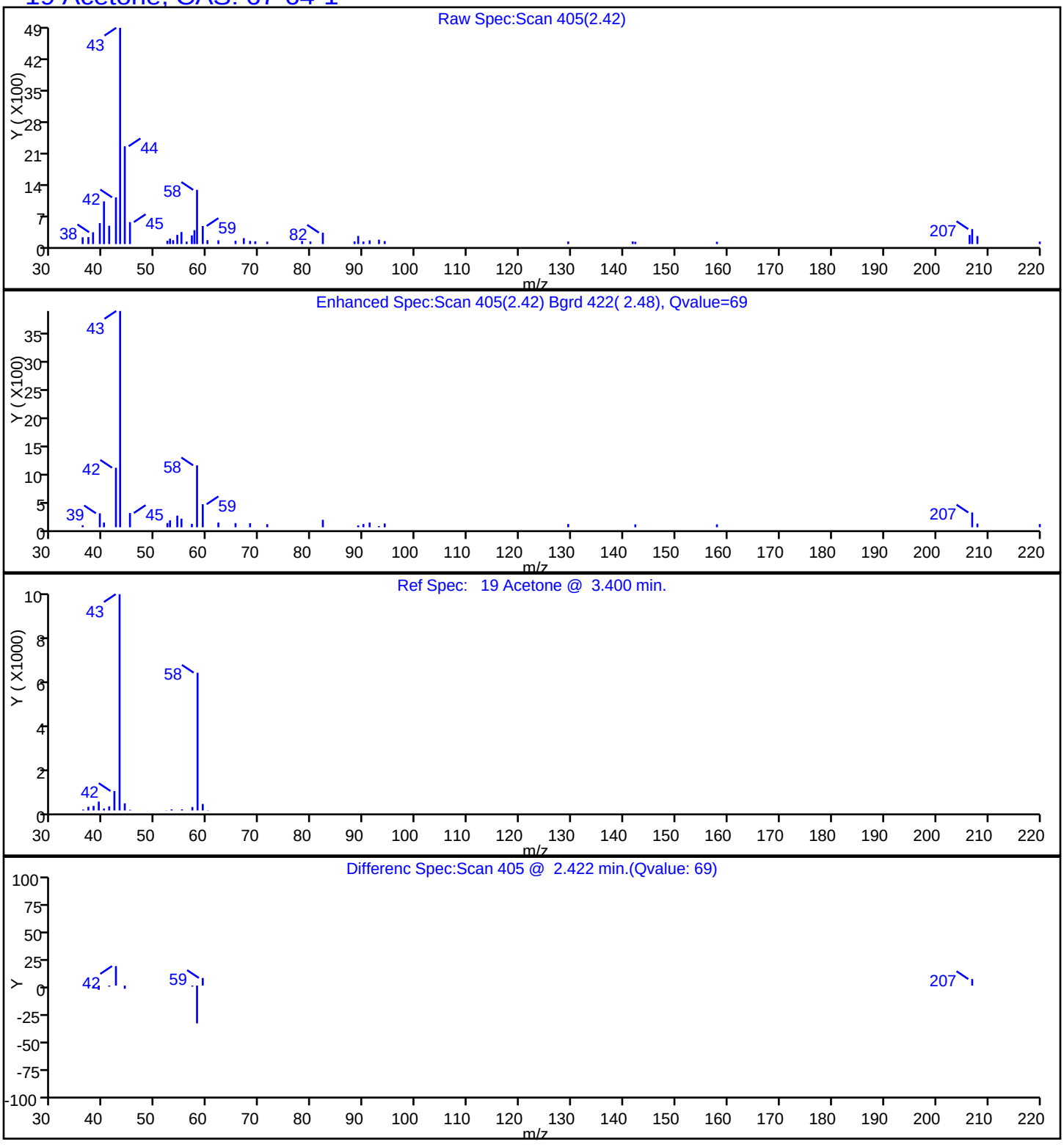
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 Acetone, CAS: 67-64-1



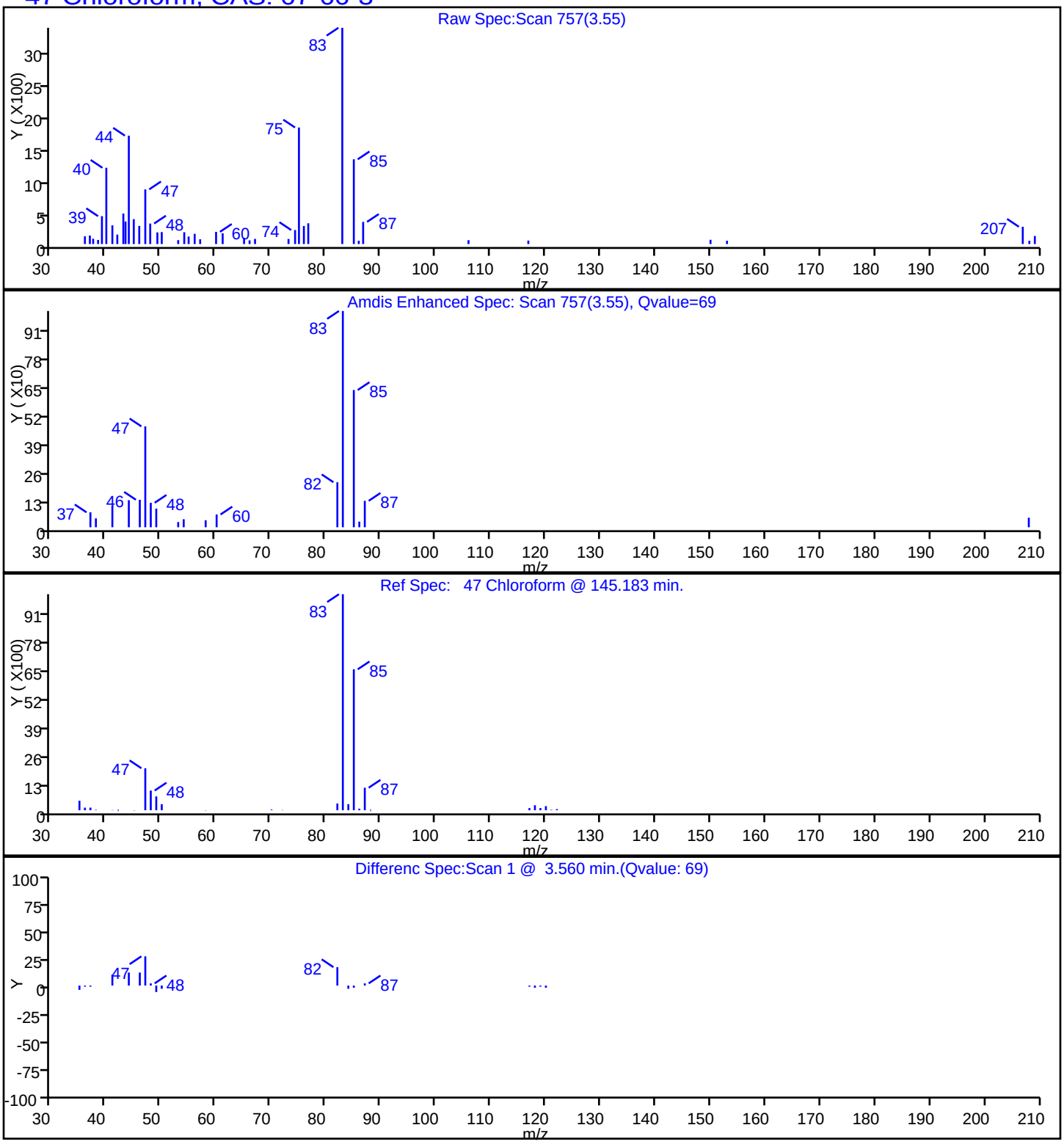
Report Date: 15-Mar-2014 13:14:49 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367294.D

Injection Date:	13-Mar-2014 11:35:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-8-A	Lab Sample ID:	460-72174-8		
Client ID:	PMP-22SW-VS				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

47 Chloroform, CAS: 67-66-3



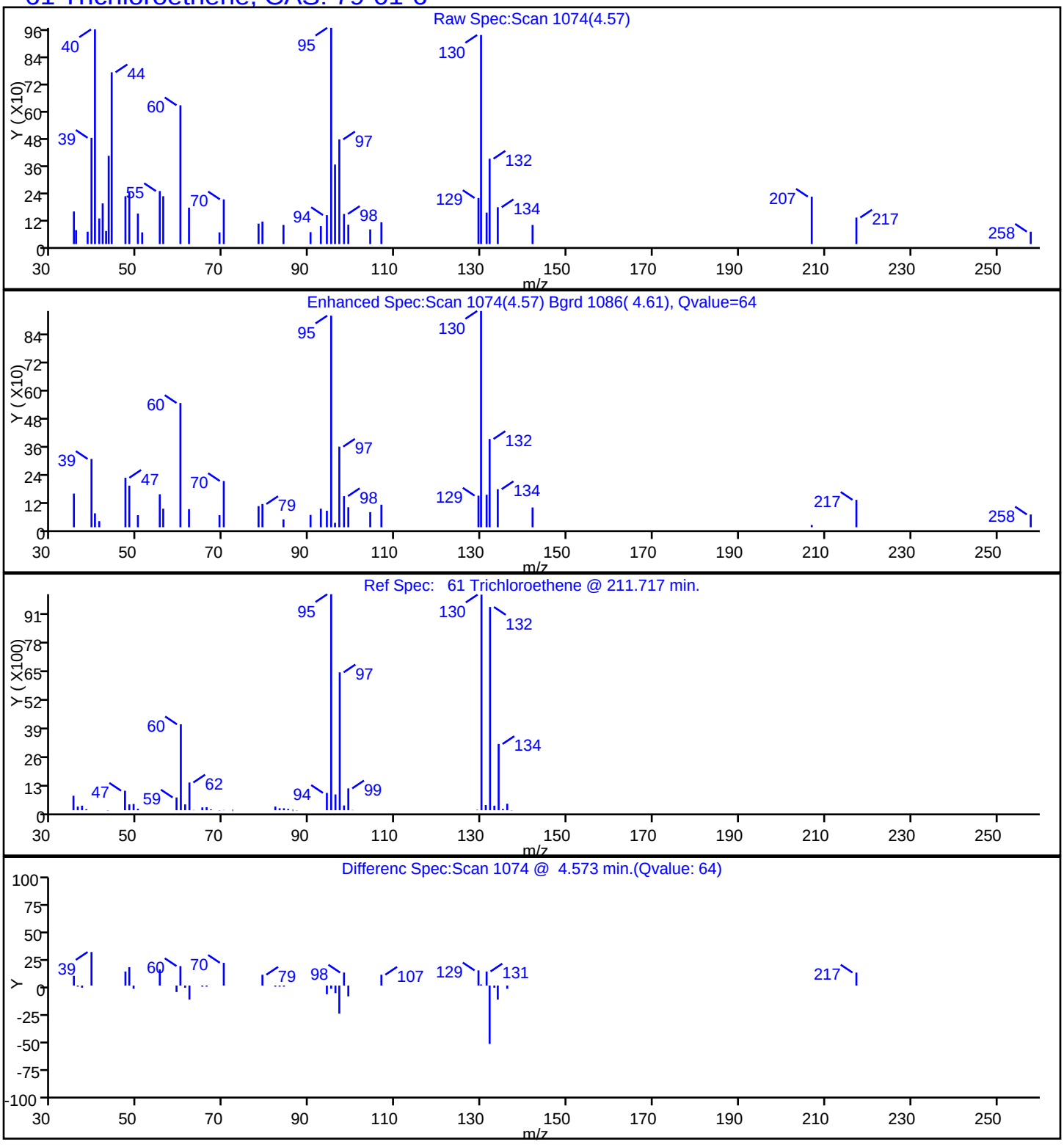
Report Date: 15-Mar-2014 13:14:49 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367294.D

Injection Date:	13-Mar-2014 11:35:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-8-A	Lab Sample ID:	460-72174-8		
Client ID:	PMP-22SW-VS				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

61 Trichloroethene, CAS: 79-01-6



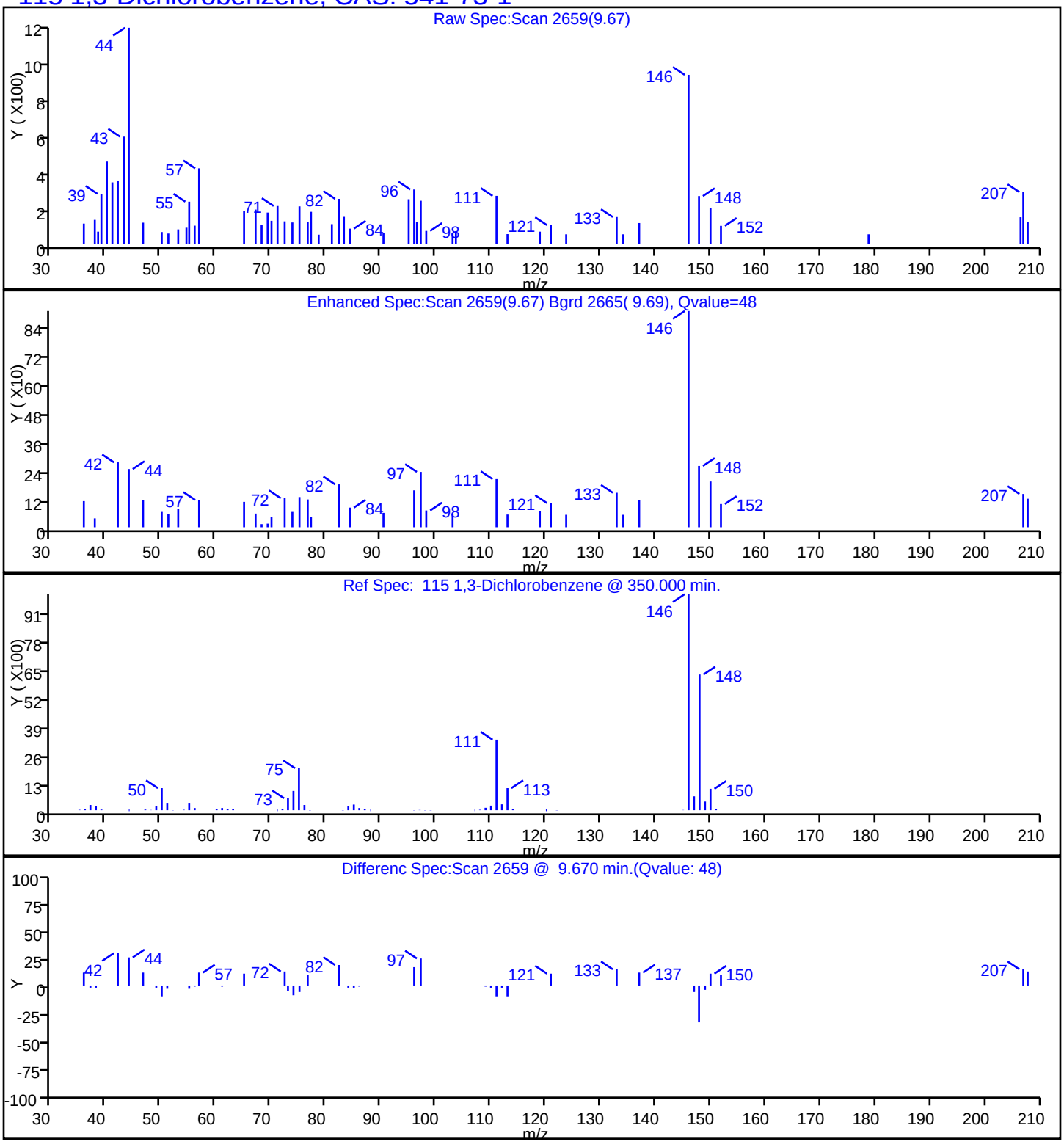
Report Date: 15-Mar-2014 13:14:49 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367294.D

Injection Date:	13-Mar-2014 11:35:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-8-A	Lab Sample ID:	460-72174-8		
Client ID:	PMP-22SW-VS				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

115 1,3-Dichlorobenzene, CAS: 541-73-1



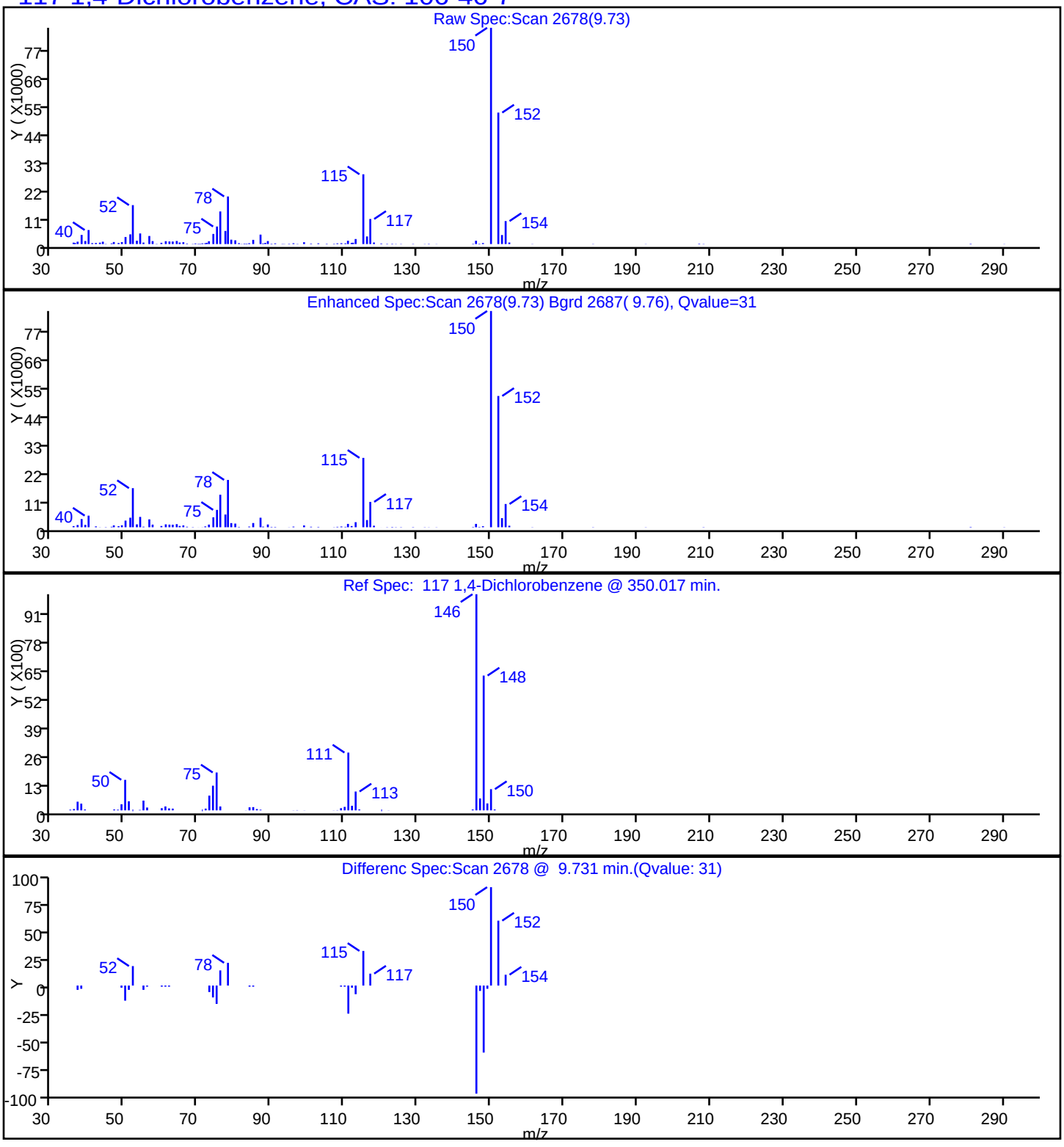
Report Date: 15-Mar-2014 13:14:49 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367294.D

Injection Date:	13-Mar-2014 11:35:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-8-A	Lab Sample ID:	460-72174-8		
Client ID:	PMP-22SW-VS				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

117 1,4-Dichlorobenzene, CAS: 106-46-7



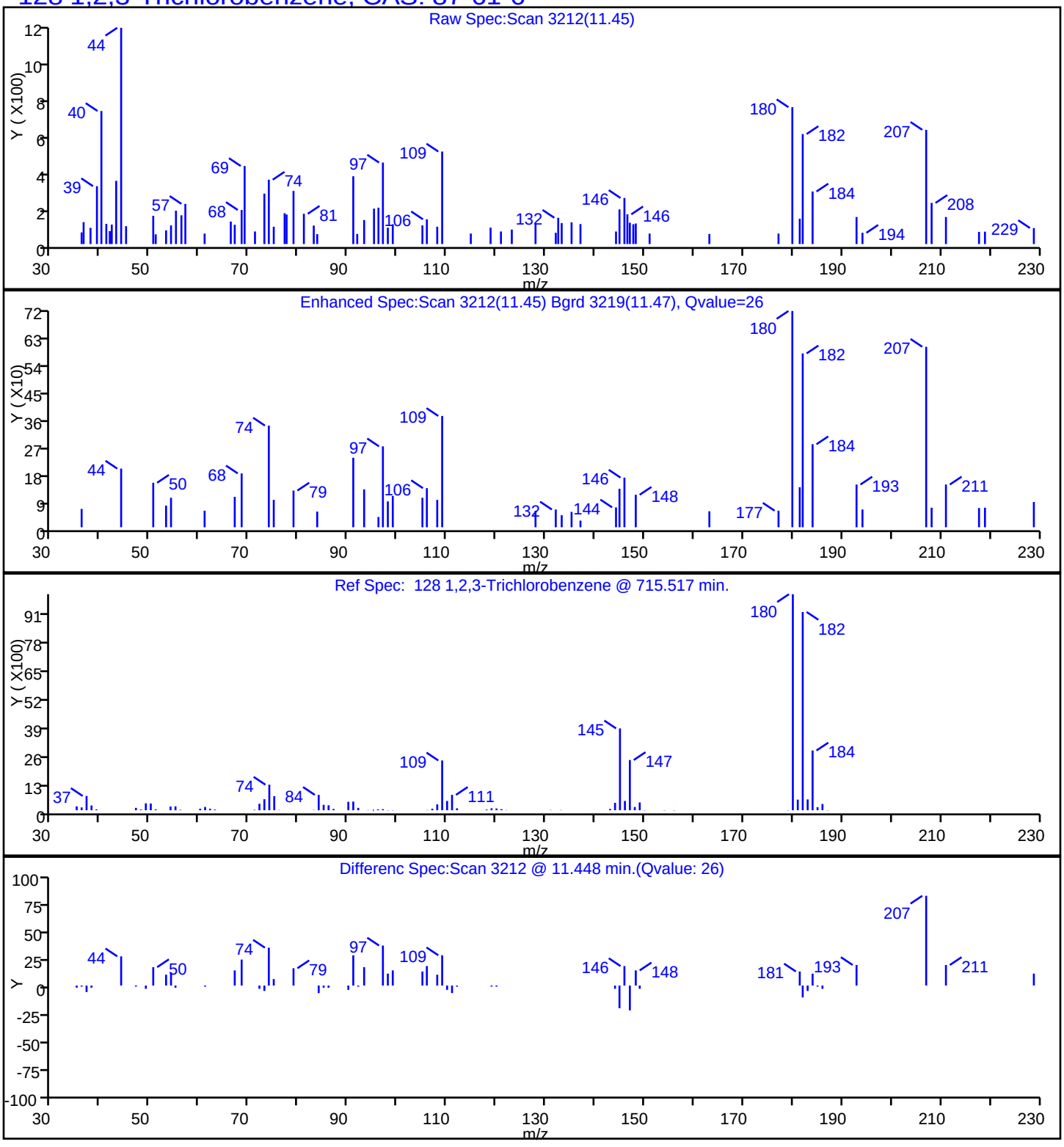
Report Date: 15-Mar-2014 13:14:49 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367294.D

Injection Date:	13-Mar-2014 11:35:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-8-A	Lab Sample ID:	460-72174-8		
Client ID:	PMP-22SW-VS				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



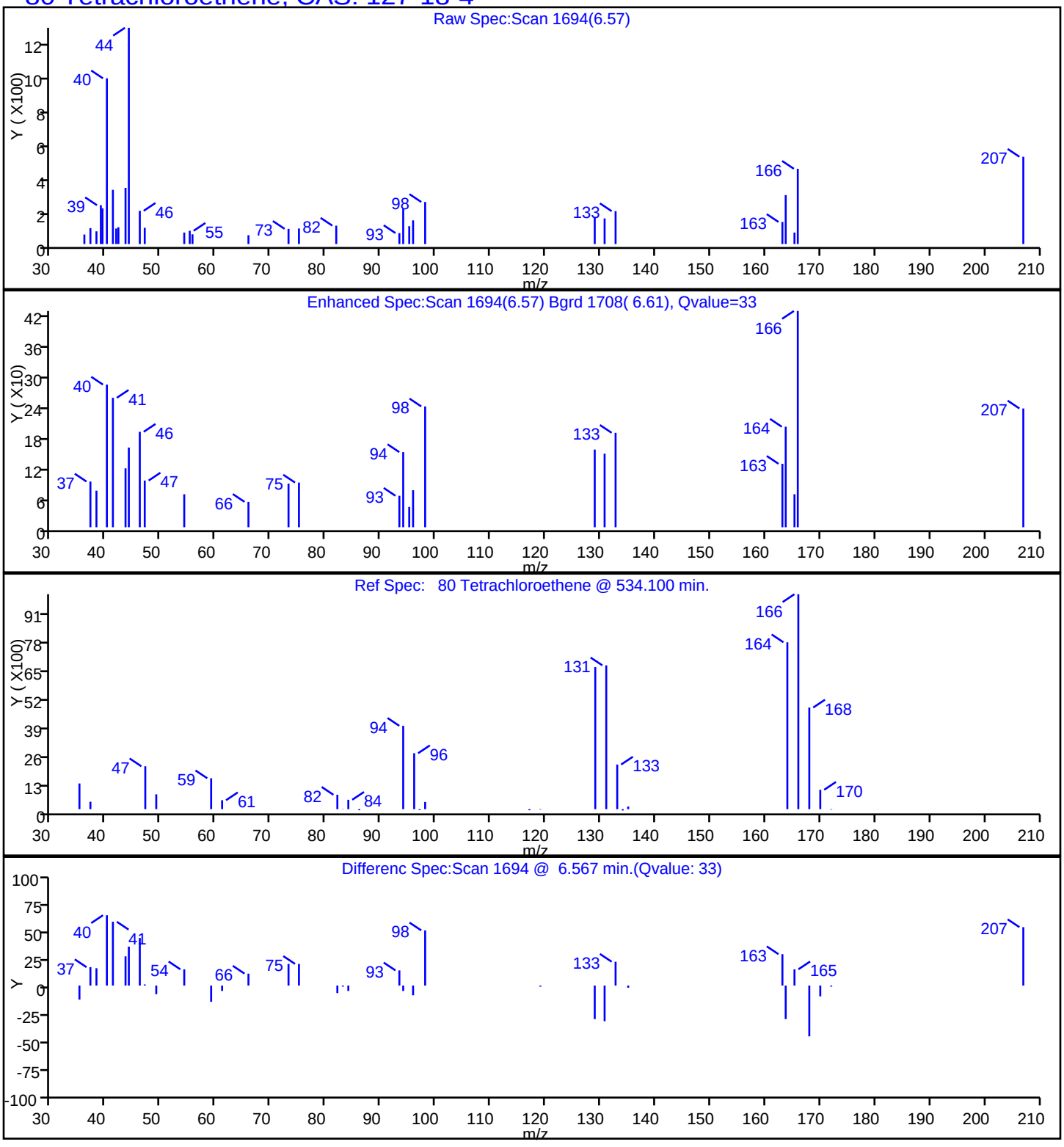
Report Date: 15-Mar-2014 13:14:49 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367294.D

Injection Date:	13-Mar-2014 11:35:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-8-A	Lab Sample ID:	460-72174-8		
Client ID:	PMP-22SW-VS				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

80 Tetrachloroethene, CAS: 127-18-4



Manual Integration/User Assign Peak Report

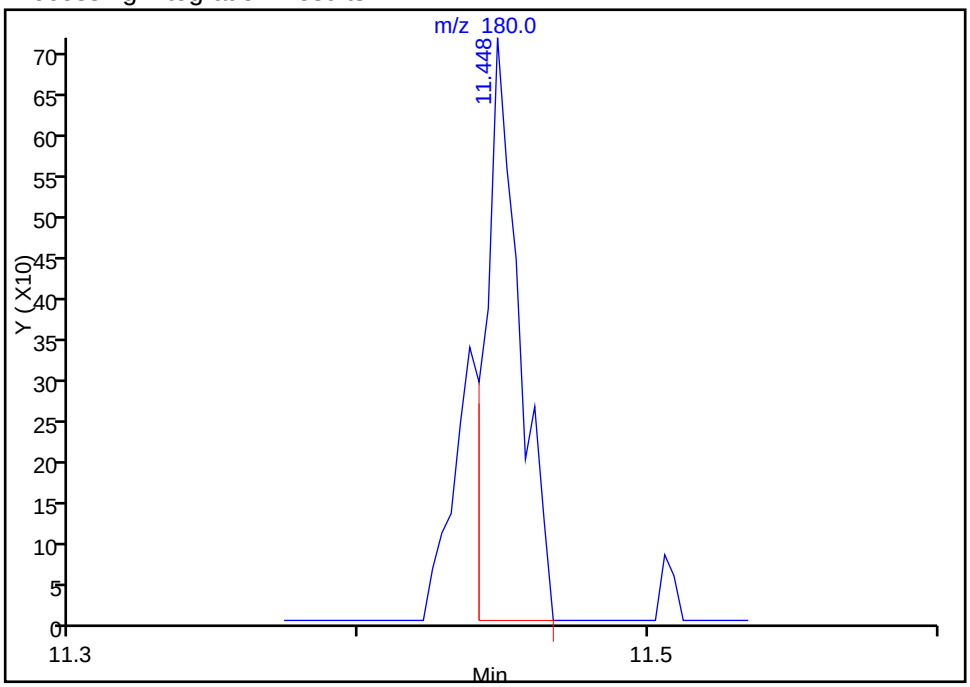
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367294.D				
Injection Date:	13-Mar-2014 11:35:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-8-A	Lab Sample ID:	460-72174-8		
Client ID:	PMP-22SW-VS				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6

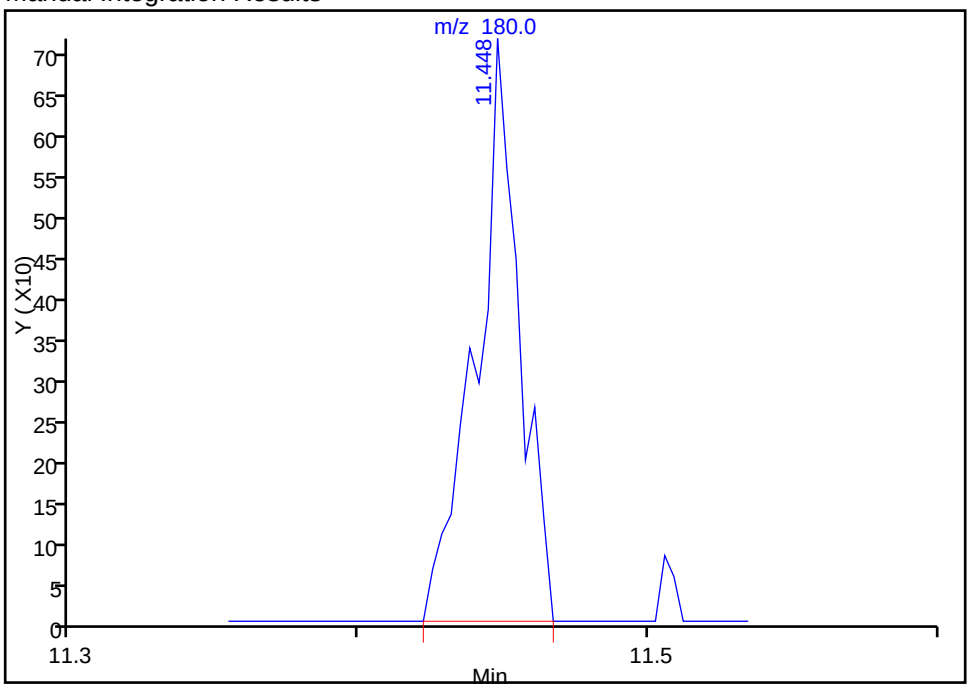
Processing Integration Results

RT: 11.45
Response: 577
Amount: 0.238107



Manual Integration Results

RT: 11.45
Response: 748
Amount: 0.308672



Reviewer: baronm, 15-Mar-2014 12:58:07
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-VD | Lab Sample ID: 460-72174-9

Matrix: Solid | Lab File ID: D367295.D

Analysis Method: 8260B | Date Collected: 03/06/2014 10:25

Sample wt/vol: 6.419(g) | Date Analyzed: 03/13/2014 11:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.9 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.13	U	0.82	0.13
74-83-9	Bromomethane	0.35	U	0.82	0.35
75-01-4	Vinyl chloride	0.28	U	0.82	0.28
75-00-3	Chloroethane	0.27	U	0.82	0.27
75-09-2	Methylene Chloride	0.12	U	0.82	0.12
67-64-1	Acetone	7.9	B	4.1	1.4
75-15-0	Carbon disulfide	0.12	U	0.82	0.12
75-69-4	Trichlorofluoromethane	0.13	U	0.82	0.13
75-35-4	1,1-Dichloroethene	0.16	U	0.82	0.16
75-34-3	1,1-Dichloroethane	0.090	U	0.82	0.090
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.82	0.11
156-59-2	cis-1,2-Dichloroethene	0.090	U	0.82	0.090
67-66-3	Chloroform	0.20	U	0.82	0.20
78-93-3	2-Butanone	0.52	U	4.1	0.52
107-06-2	1,2-Dichloroethane	0.15	U	0.82	0.15
71-55-6	1,1,1-Trichloroethane	0.11	U	0.82	0.11
56-23-5	Carbon tetrachloride	0.12	U	0.82	0.12
71-43-2	Benzene	0.12	U	0.82	0.12
75-25-2	Bromoform	0.14	U	0.82	0.14
100-42-5	Styrene	0.23	U	0.82	0.23
100-41-4	Ethylbenzene	0.14	U	0.82	0.14
108-90-7	Chlorobenzene	0.15	U	0.82	0.15
110-82-7	Cyclohexane	0.11	U	0.82	0.11
98-82-8	Isopropylbenzene	0.090	U	0.82	0.090
591-78-6	2-Hexanone	0.11	U	4.1	0.11
1634-04-4	MTBE	0.090	U	0.82	0.090
76-13-1	Freon TF	0.090	U	0.82	0.090
79-20-9	Methyl acetate	0.26	U	4.1	0.26
123-91-1	1,4-Dioxane	10	U	16	10
79-01-6	Trichloroethene	0.16	J	0.82	0.098
108-88-3	Toluene	0.11	U	0.82	0.11
10061-02-6	trans-1,3-Dichloropropene	0.082	U	0.82	0.082
108-10-1	4-Methyl-2-pentanone	0.16	U	4.1	0.16
10061-01-5	cis-1,3-Dichloropropene	0.11	U	0.82	0.11
95-50-1	1,2-Dichlorobenzene	0.082	U	0.82	0.082
541-73-1	1,3-Dichlorobenzene	0.13	U	0.82	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-VD | Lab Sample ID: 460-72174-9

Matrix: Solid | Lab File ID: D367295.D

Analysis Method: 8260B | Date Collected: 03/06/2014 10:25

Sample wt/vol: 6.419(g) | Date Analyzed: 03/13/2014 11:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.9 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.18	J	0.82	0.090
120-82-1	1,2,4-Trichlorobenzene	0.16	U	0.82	0.16
87-61-6	1,2,3-Trichlorobenzene	0.13	U	0.82	0.13
78-87-5	1,2-Dichloropropane	0.12	U	0.82	0.12
108-87-2	Methylcyclohexane	0.082	U	0.82	0.082
127-18-4	Tetrachloroethene	0.098	U	0.82	0.098
1330-20-7	Xylenes, Total	0.55	U	1.6	0.55
96-12-8	1,2-Dibromo-3-Chloropropane	0.36	U	0.82	0.36
79-34-5	1,1,2,2-Tetrachloroethane	0.074	U	0.82	0.074
79-00-5	1,1,2-Trichloroethane	0.11	U	0.82	0.11
124-48-1	Dibromochloromethane	0.082	U	0.82	0.082
106-93-4	1,2-Dibromoethane	0.12	U	0.82	0.12
75-71-8	Dichlorodifluoromethane	0.18	U	0.82	0.18
74-97-5	Bromochloromethane	0.090	U	0.82	0.090
75-27-4	Bromodichloromethane	0.26	U	0.82	0.26

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-VD Lab Sample ID: 460-72174-9

Matrix: Solid Lab File ID: D367295.D

Analysis Method: 8260B Date Collected: 03/06/2014 10:25

Sample wt/vol: 6.419(g) Date Analyzed: 03/13/2014 11:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.9 Level: (low/med) Low

Analysis Batch No.: 212326 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Report Date: 15-Mar-2014 12:59:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367295.D
Lims ID: 460-72174-B-9-A Lab Sample ID: 460-72174-9
Client ID: PMP-22SW-VD
Sample Type: Client
Inject. Date: 13-Mar-2014 11:58:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-9-A
Misc. Info.: 460-0010815-015
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 12:59:15 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: starzecm Date: 13-Mar-2014 18:54:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	2.429	2.419	0.010	72	7694	9.68	
* 151 TBA-d9 (IS)	65	2.625	2.628	-0.003	84	160285	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.705	3.702	0.003	90	107506	49.4	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.152	4.152	0.0	93	97737	51.5	
* 59 Fluorobenzene	96	4.416	4.409	0.007	84	495185	50.0	
61 Trichloroethene	95	4.573	4.567	0.006	26	683	0.1987	
* 150 1,4-Dioxane-d8	96	5.377	5.377	0.0	1	10471	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.075	6.072	0.003	90	478663	48.0	
* 87 Chlorobenzene-d5	117	7.779	7.776	0.003	87	288414	50.0	
$ 99 4-Bromofluorobenzene	174	8.859	8.853	0.006	75	103340	49.3	
* 116 1,4-Dichlorobenzene-d4	152	9.724	9.721	0.003	88	142729	50.0	
117 1,4-Dichlorobenzene	146	9.734	9.731	0.003	29	1364	0.2154	

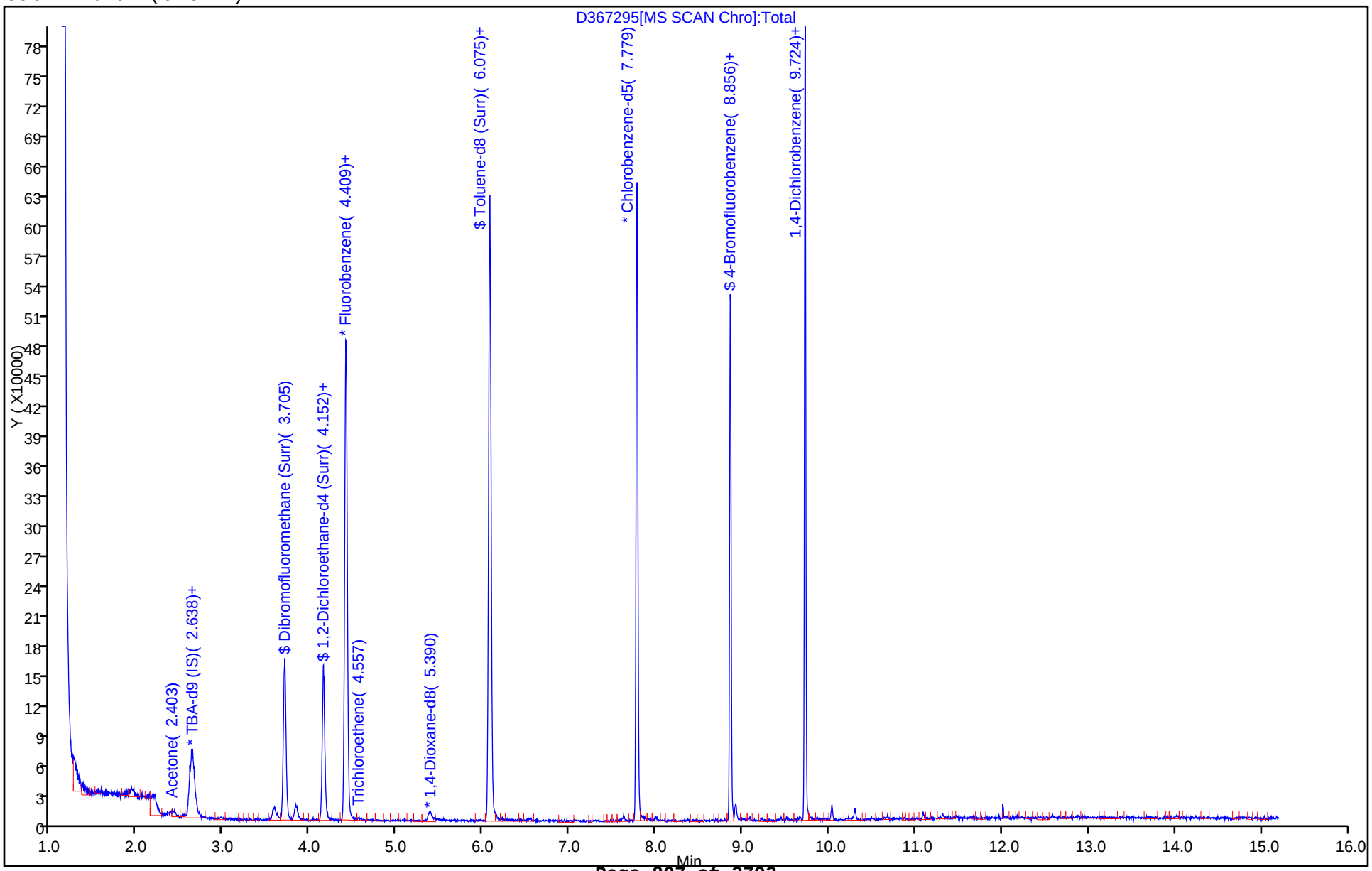
Report Date: 15-Mar-2014 12:59:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367295.D

Injection Date:	13-Mar-2014 11:58:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-B-9-A	Lab Sample ID:	460-72174-9	Worklist Smp#:	15
Client ID:	PMP-22SW-VD				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



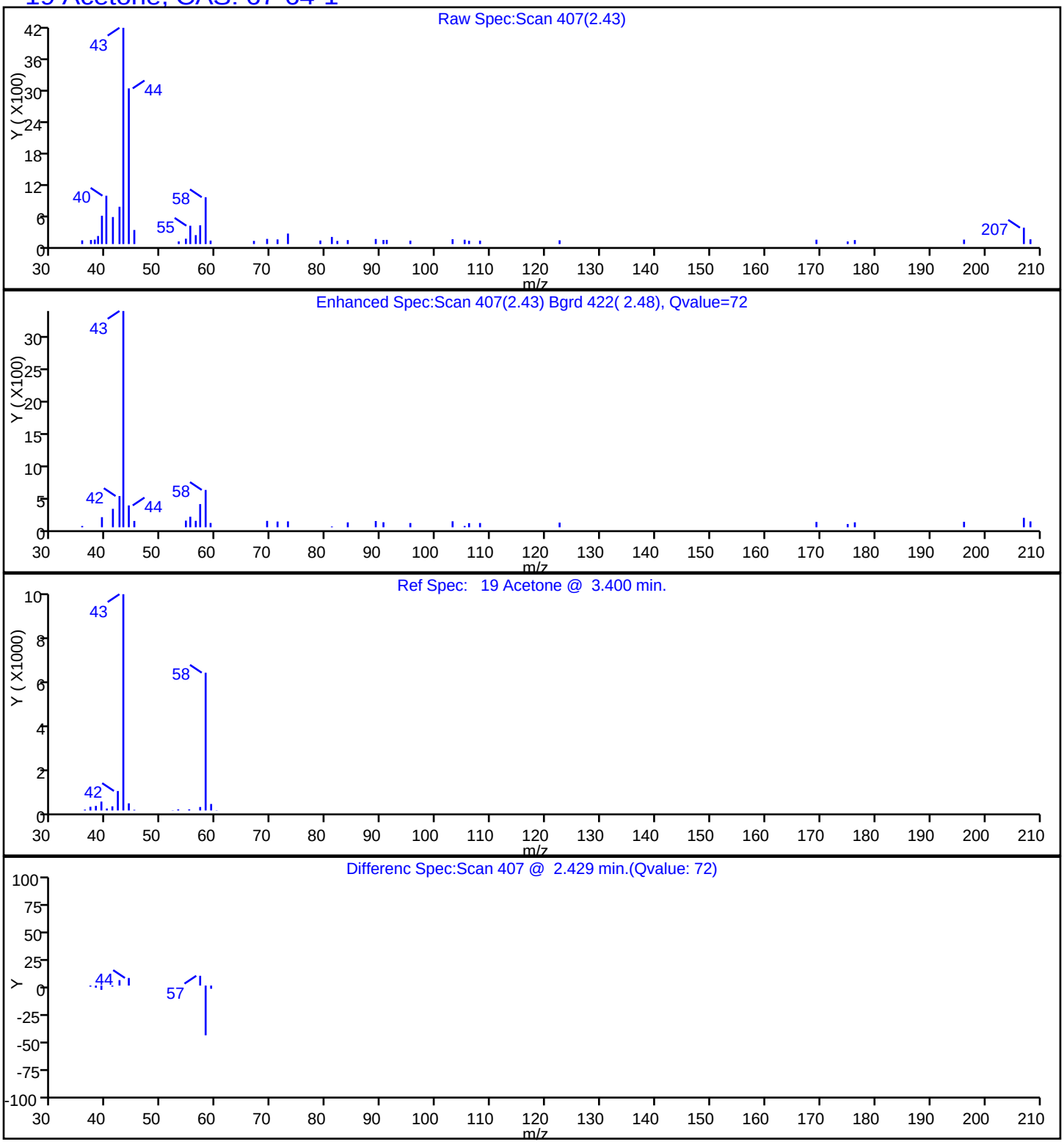
Report Date: 15-Mar-2014 12:59:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367295.D

Injection Date:	13-Mar-2014 11:58:30	Instrument ID:	CVOAMS4
Lims ID:	460-72174-B-9-A	Lab Sample ID:	460-72174-9
Client ID:	PMP-22SW-VD		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

19 Acetone, CAS: 67-64-1



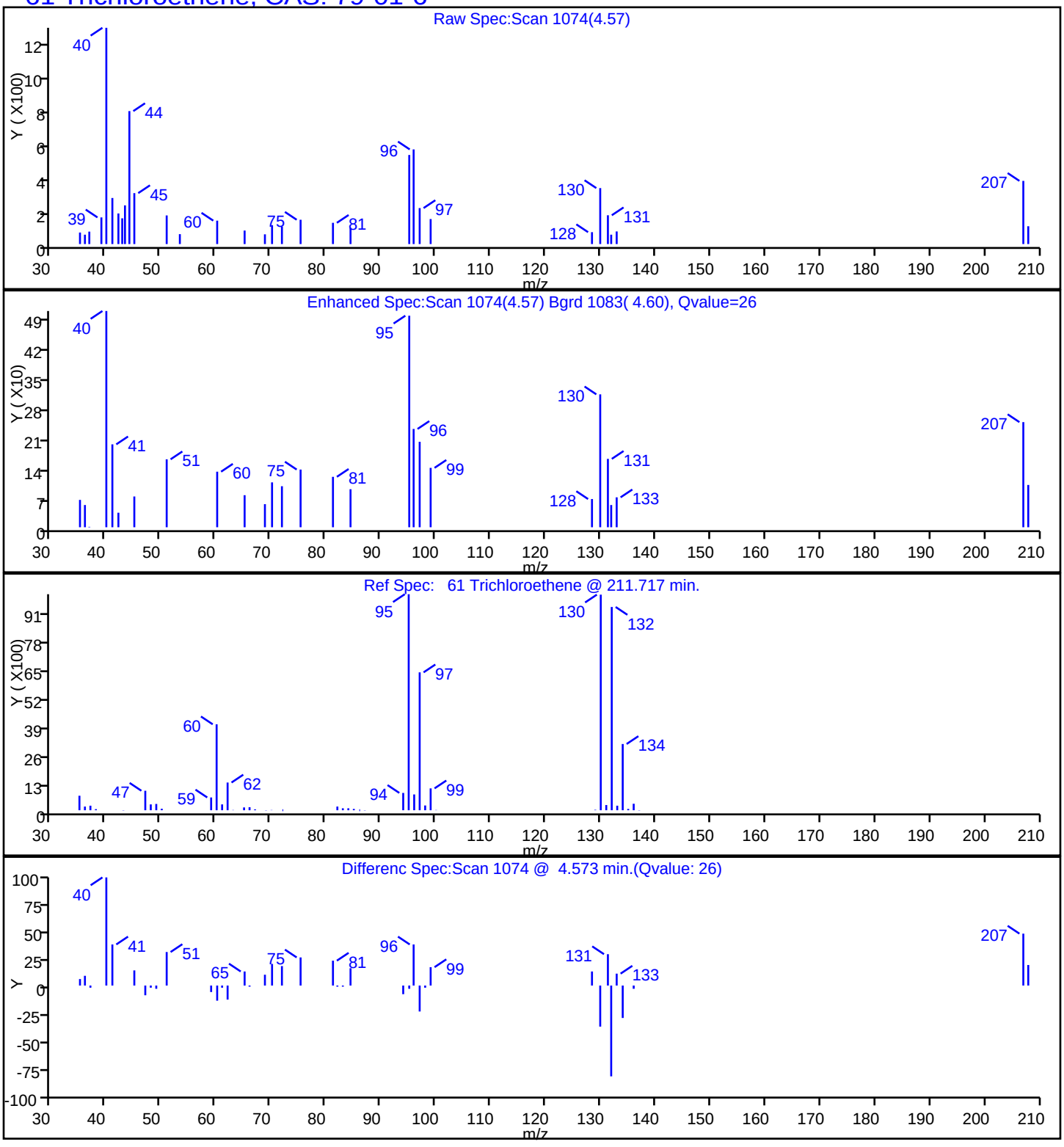
Report Date: 15-Mar-2014 12:59:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367295.D

Injection Date:	13-Mar-2014 11:58:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-9-A	Lab Sample ID:	460-72174-9		
Client ID:	PMP-22SW-VD				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

61 Trichloroethene, CAS: 79-01-6



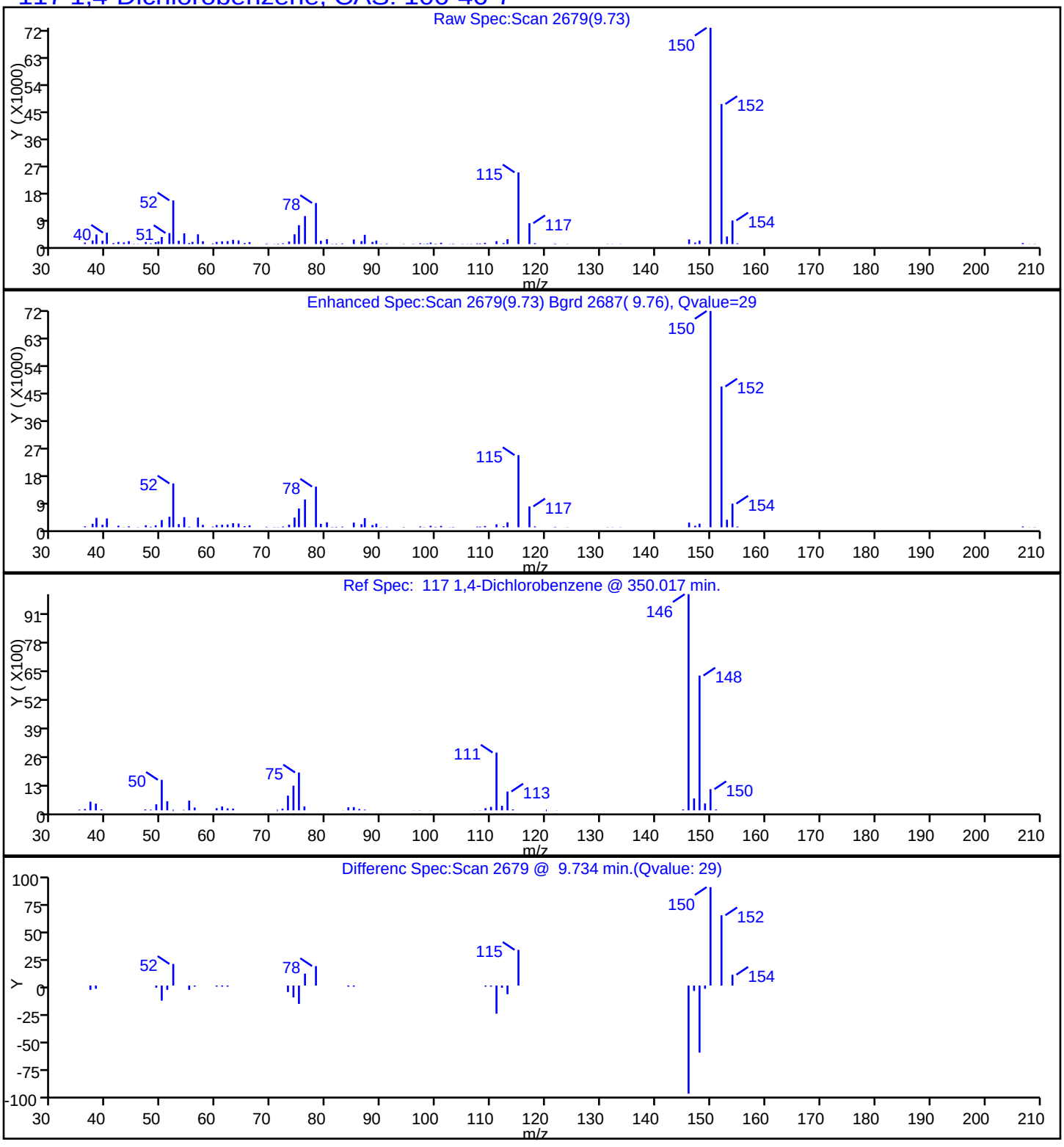
Report Date: 15-Mar-2014 12:59:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367295.D

Injection Date:	13-Mar-2014 11:58:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-9-A	Lab Sample ID:	460-72174-9		
Client ID:	PMP-22SW-VD				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

117 1,4-Dichlorobenzene, CAS: 106-46-7



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-WT | Lab Sample ID: 460-72174-10

Matrix: Solid | Lab File ID: D367296.D

Analysis Method: 8260B | Date Collected: 03/06/2014 10:30

Sample wt/vol: 5.913(g) | Date Analyzed: 03/13/2014 12:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.9 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.95	0.15
74-83-9	Bromomethane	0.41	U	0.95	0.41
75-01-4	Vinyl chloride	0.32	U	0.95	0.32
75-00-3	Chloroethane	0.31	U	0.95	0.31
75-09-2	Methylene Chloride	0.14	U	0.95	0.14
67-64-1	Acetone	1.6	U	4.7	1.6
75-15-0	Carbon disulfide	0.14	U	0.95	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.95	0.15
75-35-4	1,1-Dichloroethene	0.18	U	0.95	0.18
75-34-3	1,1-Dichloroethane	0.10	U	0.95	0.10
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.95	0.12
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.95	0.10
67-66-3	Chloroform	0.23	U	0.95	0.23
78-93-3	2-Butanone	0.60	U	4.7	0.60
107-06-2	1,2-Dichloroethane	0.17	U	0.95	0.17
71-55-6	1,1,1-Trichloroethane	0.12	U	0.95	0.12
56-23-5	Carbon tetrachloride	0.14	U	0.95	0.14
71-43-2	Benzene	0.14	U	0.95	0.14
75-25-2	Bromoform	0.16	U	0.95	0.16
100-42-5	Styrene	0.27	U	0.95	0.27
100-41-4	Ethylbenzene	0.16	U	0.95	0.16
108-90-7	Chlorobenzene	0.17	U	0.95	0.17
110-82-7	Cyclohexane	0.12	U	0.95	0.12
98-82-8	Isopropylbenzene	0.10	U	0.95	0.10
591-78-6	2-Hexanone	0.12	U	4.7	0.12
1634-04-4	MTBE	0.10	U	0.95	0.10
76-13-1	Freon TF	0.10	U	0.95	0.10
79-20-9	Methyl acetate	0.30	U	4.7	0.30
123-91-1	1,4-Dioxane	12	U	19	12
79-01-6	Trichloroethene	0.11	U	0.95	0.11
108-88-3	Toluene	0.13	U	0.95	0.13
10061-02-6	trans-1,3-Dichloropropene	0.095	U	0.95	0.095
108-10-1	4-Methyl-2-pentanone	0.19	U	4.7	0.19
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.95	0.13
95-50-1	1,2-Dichlorobenzene	0.095	U	0.95	0.095
541-73-1	1,3-Dichlorobenzene	0.15	U	0.95	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-WT | Lab Sample ID: 460-72174-10

Matrix: Solid | Lab File ID: D367296.D

Analysis Method: 8260B | Date Collected: 03/06/2014 10:30

Sample wt/vol: 5.913(g) | Date Analyzed: 03/13/2014 12:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.9 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.20	J	0.95	0.10
120-82-1	1,2,4-Trichlorobenzene	0.18	U	0.95	0.18
87-61-6	1,2,3-Trichlorobenzene	0.15	U	0.95	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.95	0.14
108-87-2	Methylcyclohexane	0.095	U	0.95	0.095
127-18-4	Tetrachloroethene	0.11	U	0.95	0.11
1330-20-7	Xylenes, Total	0.64	U	1.9	0.64
96-12-8	1,2-Dibromo-3-Chloropropane	0.42	U	0.95	0.42
79-34-5	1,1,2,2-Tetrachloroethane	0.085	U	0.95	0.085
79-00-5	1,1,2-Trichloroethane	0.13	U	0.95	0.13
124-48-1	Dibromochloromethane	0.095	U	0.95	0.095
106-93-4	1,2-Dibromoethane	0.14	U	0.95	0.14
75-71-8	Dichlorodifluoromethane	0.21	U	0.95	0.21
74-97-5	Bromochloromethane	0.10	U	0.95	0.10
75-27-4	Bromodichloromethane	0.30	U	0.95	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	Bromofluorobenzene	98		70-130
1868-53-7	Dibromofluoromethane (Surr)	92		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-WT Lab Sample ID: 460-72174-10

Matrix: Solid Lab File ID: D367296.D

Analysis Method: 8260B Date Collected: 03/06/2014 10:30

Sample wt/vol: 5.913(g) Date Analyzed: 03/13/2014 12:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.9 Level: (low/med) Low

Analysis Batch No.: 212326 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Report Date: 14-Mar-2014 19:10:52 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367296.D
Lims ID: 460-72174-B-10-A Lab Sample ID: 460-72174-10
Client ID: PMP-22SW-WT
Sample Type: Client
Inject. Date: 13-Mar-2014 12:20:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-10-A
Misc. Info.: 460-0010815-016
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 19:10:51 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: starzecm Date: 13-Mar-2014 18:55:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.635	2.628	0.007	65	146585	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.708	3.702	0.006	90	98616	46.2	M
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.155	4.152	0.003	96	90541	48.7	
* 59 Fluorobenzene	96	4.416	4.409	0.007	88	485695	50.0	
* 150 1,4-Dioxane-d8	96	5.384	5.377	0.007	1	9345	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.078	6.072	0.006	90	455122	45.7	
* 87 Chlorobenzene-d5	117	7.779	7.776	0.003	87	288144	50.0	
$ 99 4-Bromofluorobenzene	174	8.859	8.853	0.006	75	98559	49.1	
* 116 1,4-Dichlorobenzene-d4	152	9.724	9.721	0.003	88	136633	50.0	
117 1,4-Dichlorobenzene	146	9.737	9.731	0.006	33	1282	0.2115	

QC Flag Legend

Review Flags
M - Manually Integrated

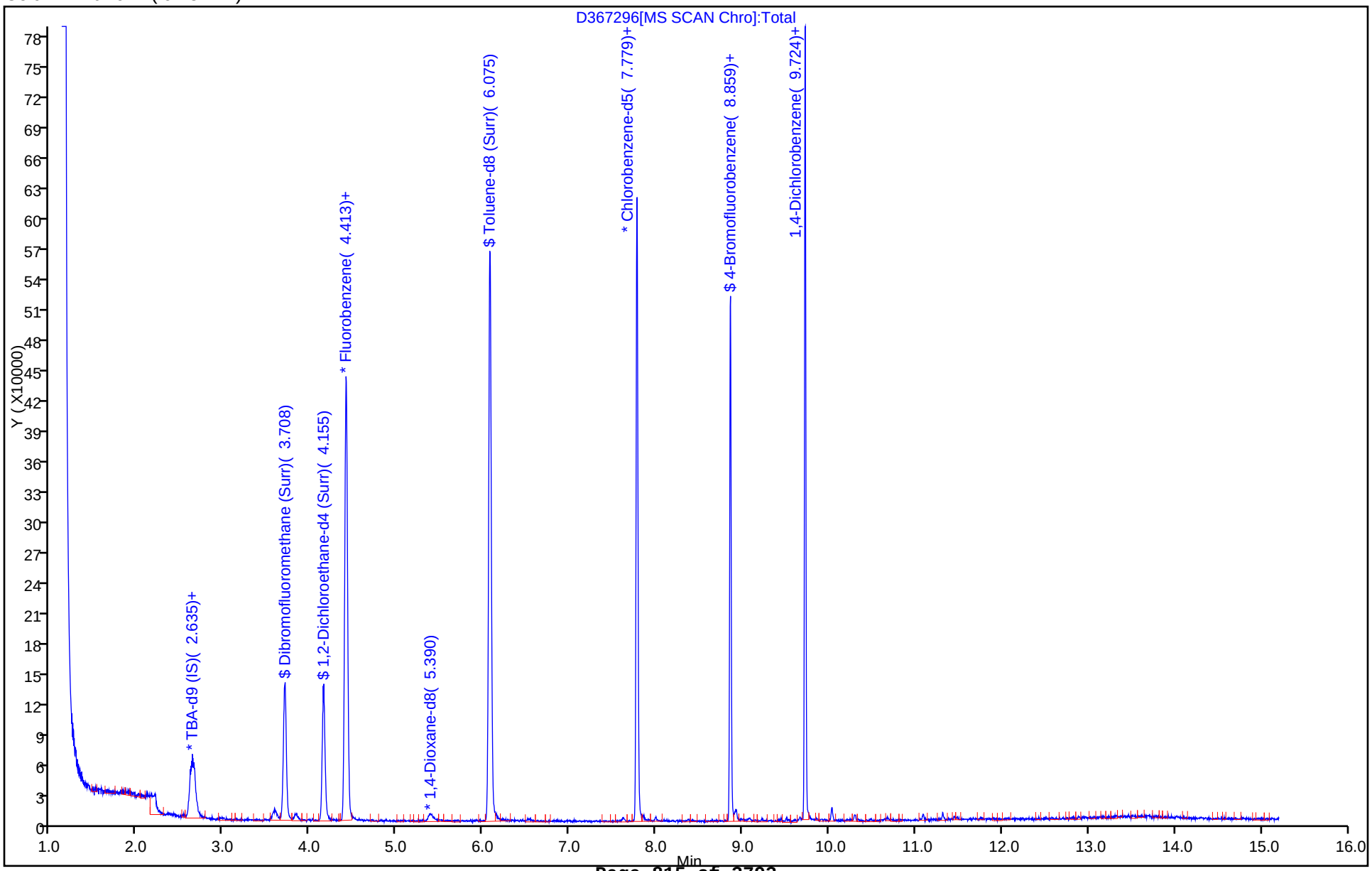
Report Date: 14-Mar-2014 19:10:52 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367296.D

Injection Date:	13-Mar-2014 12:20:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-B-10-A	Lab Sample ID:	460-72174-10	Worklist Smp#:	16
Client ID:	PMP-22SW-WT				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



Report Date: 14-Mar-2014 19:10:52 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367296.D

Injection Date: 13-Mar-2014 12:20:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-10-A Lab Sample ID: 460-72174-10

Client ID: PMP-22SW-WT

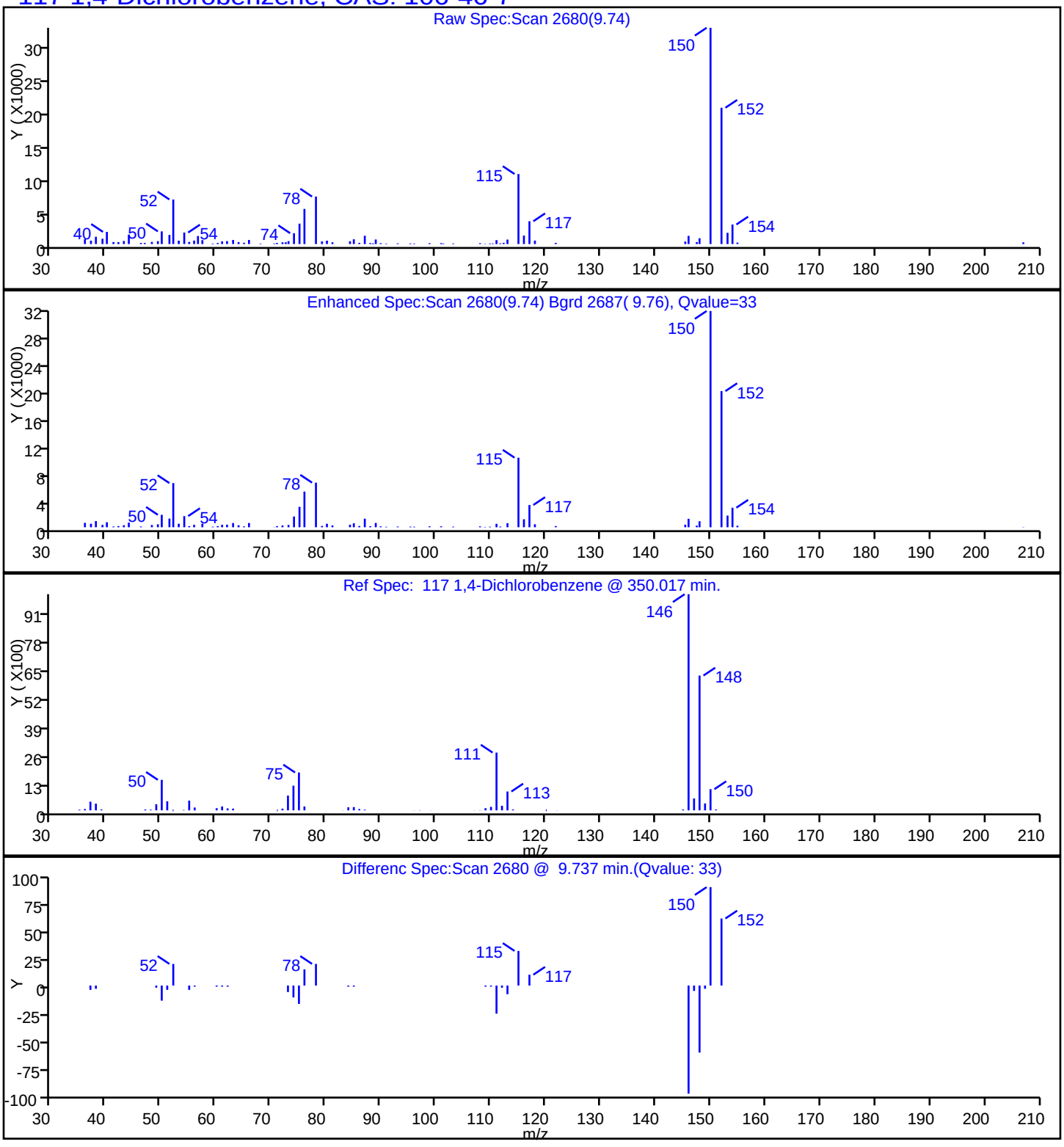
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7



Manual Integration/User Assign Peak Report

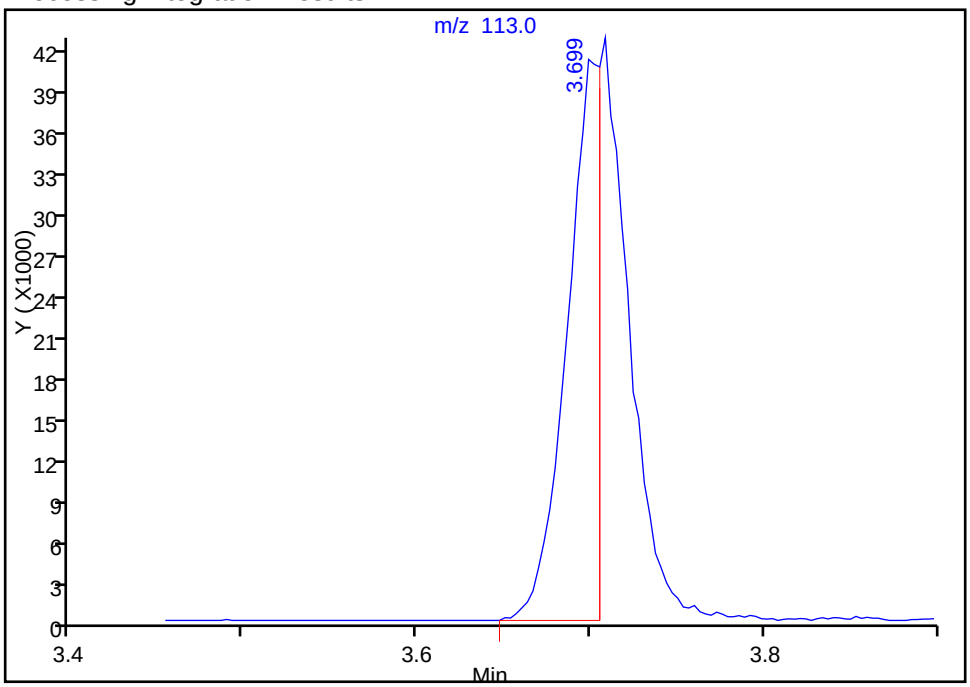
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367296.D		
Injection Date:	13-Mar-2014 12:20:30	Instrument ID:	CVOAMS4
Lims ID:	460-72174-B-10-A	Lab Sample ID:	460-72174-10
Client ID:	PMP-22SW-WT		
Operator ID:		ALS Bottle#:	15 Worklist Smp#: 16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

$ 152 Dibromofluoromethane (Surr), CAS: 1868-53-7

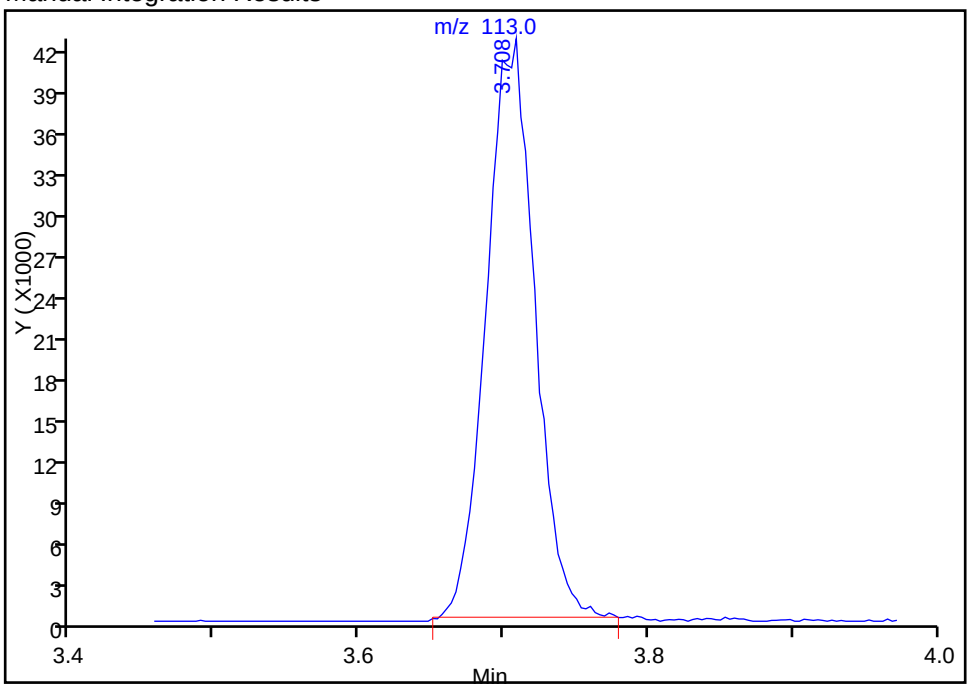
Processing Integration Results

RT: 3.70
Response: 55130
Amount: 25.822074



Manual Integration Results

RT: 3.71
Response: 98616
Amount: 46.190270



Reviewer: starzecm, 13-Mar-2014 18:55:03
Audit Action: Manually Integrated
Audit Reason: Split Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-WT | Lab Sample ID: 460-72174-11

Matrix: Solid | Lab File ID: J09926.D

Analysis Method: 8260B | Date Collected: 03/06/2014 10:55

Sample wt/vol: 6.196(g) | Date Analyzed: 03/13/2014 03:21

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.3 | Level: (low/med) Medium

Analysis Batch No.: 212239 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	8.3	U	86	8.3
74-83-9	Bromomethane	16	U	86	16
75-01-4	Vinyl chloride	12	U	86	12
75-00-3	Chloroethane	15	U *	86	15
75-09-2	Methylene Chloride	16	U	86	16
67-64-1	Acetone	230	U	430	230
75-15-0	Carbon disulfide	11	U	86	11
75-69-4	Trichlorofluoromethane	13	U	86	13
75-35-4	1,1-Dichloroethene	7.6	U	86	7.6
75-34-3	1,1-Dichloroethane	11	U	86	11
156-60-5	trans-1,2-Dichloroethene	11	U	86	11
156-59-2	cis-1,2-Dichloroethene	15	U	86	15
67-66-3	Chloroform	6.8	U	86	6.8
78-93-3	2-Butanone	200	U	430	200
107-06-2	1,2-Dichloroethane	16	U	86	16
71-55-6	1,1,1-Trichloroethane	5.4	U	86	5.4
56-23-5	Carbon tetrachloride	4.9	U	86	4.9
71-43-2	Benzene	7.1	U	86	7.1
75-25-2	Bromoform	17	U	86	17
100-42-5	Styrene	10	U	86	10
100-41-4	Ethylbenzene	8.3	U	86	8.3
108-90-7	Chlorobenzene	9.5	U	86	9.5
110-82-7	Cyclohexane	14	U	86	14
98-82-8	Isopropylbenzene	23	J	86	6.6
591-78-6	2-Hexanone	43	U *	430	43
1634-04-4	MTBE	12	U	86	12
76-13-1	Freon TF	7.1	U	86	7.1
79-20-9	Methyl acetate	29	U	430	29
123-91-1	1,4-Dioxane	3100	U	4300	3100
79-01-6	Trichloroethene	7.9	U	86	7.9
108-88-3	Toluene	13	U	86	13
10061-02-6	trans-1,3-Dichloropropene	21	U	86	21
108-10-1	4-Methyl-2-pentanone	85	U	430	85
10061-01-5	cis-1,3-Dichloropropene	16	U	86	16
95-50-1	1,2-Dichlorobenzene	320		86	18
541-73-1	1,3-Dichlorobenzene	12	U	86	12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-WT | Lab Sample ID: 460-72174-11

Matrix: Solid | Lab File ID: J09926.D

Analysis Method: 8260B | Date Collected: 03/06/2014 10:55

Sample wt/vol: 6.196(g) | Date Analyzed: 03/13/2014 03:21

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.3 | Level: (low/med) Medium

Analysis Batch No.: 212239 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1600		86	20
120-82-1	1,2,4-Trichlorobenzene	970		86	29
87-61-6	1,2,3-Trichlorobenzene	1200		86	44
78-87-5	1,2-Dichloropropane	7.4	U	86	7.4
108-87-2	Methylcyclohexane	12	U	86	12
127-18-4	Tetrachloroethene	8.4	U	86	8.4
1330-20-7	Xylenes, Total	300		170	31
96-12-8	1,2-Dibromo-3-Chloropropane	34	U	86	34
79-34-5	1,1,2,2-Tetrachloroethane	14	U	86	14
79-00-5	1,1,2-Trichloroethane	16	U	86	16
124-48-1	Dibromochloromethane	17	U	86	17
106-93-4	1,2-Dibromoethane	24	U	86	24
75-71-8	Dichlorodifluoromethane	19	U	86	19
74-97-5	Bromochloromethane	24	U	86	24
75-27-4	Bromodichloromethane	11	U	86	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		75-135
2037-26-5	Toluene-d8 (Surr)	84		59-150
460-00-4	Bromofluorobenzene	85		72-133
1868-53-7	Dibromofluoromethane (Surr)	85		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-WT | Lab Sample ID: 460-72174-11

Matrix: Solid | Lab File ID: J09926.D

Analysis Method: 8260B | Date Collected: 03/06/2014 10:55

Sample wt/vol: 6.196(g) | Date Analyzed: 03/13/2014 03:21

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.3 | Level: (low/med) Medium

Analysis Batch No.: 212239 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 39700

CAS NO.	COMPOUND NAME	RT	RESULT	Q
526-73-8	Benzene, 1,2,3-trimethyl-	10.99	3200	J N
105-05-5	p-Diethylbenzene	11.16	4500	
	Unknown	11.47	3900	J
488-23-3	Benzene, 1,2,3,4-tetramethyl-	11.67	3500	J N
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.92	8000	J N
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	12.13	3400	J N
	Unknown	12.68	2700	J
1680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-methyl	12.73	3700	J N
4175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,4-dime	12.98	3500	J N
13065-07-1	Naphthalene, 1,2,3,4-tetrahydro-2,7-dime	13.10	3300	J N

Report Date: 13-Mar-2014 15:12:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\J09926.D
Lims ID: 460-72174-A-11-A Lab Sample ID: 460-72174-11
Client ID: PMP-5SW-WT
Sample Type: Client
Inject. Date: 13-Mar-2014 03:21:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-72174-A-11-A
Misc. Info.: 460-0010784-015
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 13-Mar-2014 15:12:18 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: baronm Date: 13-Mar-2014 15:12:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	3.195	3.179	0.016	79	405366	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	4.728	4.730	-0.002	95	177702	42.3	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.081	5.083	-0.002	89	247937	43.2	
* 59 Fluorobenzene	96	5.351	5.353	-0.002	97	764758	50.0	
* 150 1,4-Dioxane-d8	96	6.068	6.058	0.010	66	50799	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.025	7.028	-0.003	98	671674	41.9	
* 87 Chlorobenzene-d5	117	8.817	8.820	-0.003	86	652958	50.0	
91 m-Xylene & p-Xylene	106	9.111	9.114	-0.003	60	3793	0.5953	
92 o-Xylene	106	9.558	9.560	-0.002	89	18446	2.94	
98 Isopropylbenzene	105	9.904	9.907	-0.003	58	3673	0.2655	
$ 99 4-Bromofluorobenzene	174	10.087	10.083	0.004	87	239156	42.7	
102 N-Propylbenzene	91	10.257	10.259	-0.002	66	5874	0.3620	
106 1,3,5-Trimethylbenzene	105	10.410	10.412	-0.002	88	173161	14.7	
110 1,2,4-Trimethylbenzene	105	10.692	10.694	-0.002	96	39574	3.11	
113 sec-Butylbenzene	105	10.803	10.806	-0.003	91	33497	2.80	
114 4-Isopropyltoluene	119	10.903	10.906	-0.003	89	69544	6.20	
* 116 1,4-Dichlorobenzene-d4	152	10.962	10.958	0.004	88	391960	50.0	
117 1,4-Dichlorobenzene	146	10.974	10.976	-0.002	87	156374	18.2	
119 2,3-Dihydroindene	117	11.121	11.123	-0.002	42	117668	7.99	
133 p-Diethylbenzene	119	11.162	11.158	0.004	80	397920	52.5	
120 n-Butylbenzene	91	11.162	11.176	-0.014	47	88276	7.51	
121 1,2-Dichlorobenzene	146	11.226	11.223	0.003	81	31211	3.71	
132 1,2,4,5-Tetramethylbenzene	119	11.632	11.634	-0.002	93	368611	30.0	
124 1,2,4-Trichlorobenzene	180	12.196	12.192	0.004	61	59874	11.2	
128 1,2,3-Trichlorobenzene	180	12.531	12.527	0.004	76	69597	14.2	
153 1-Methylnaphthalene	142	13.177	13.180	-0.003	0	344167	NC	
138 2-Methylnaphthalene	142	13.177	13.180	-0.003	83	344167	NC	
129 Dimethylnaphthalene (total)	141	14.352	14.426	-0.074	90	61294	NC	
S 131 Xylenes, Total	100				0		3.53	
S 139 Total BTEX	1				0		3.53	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\J09926.D
Lims ID: 460-72174-A-11-A Lab Sample ID: 460-72174-11
Client ID: PMP-5SW-WT
Sample Type: Client
Inject. Date: 13-Mar-2014 03:21:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-72174-A-11-A
Misc. Info.: 460-0010784-015
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 13-Mar-2014 15:12:18 Calib Date: 09-Mar-2014 13:34:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 20

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: baronm Date: 13-Mar-2014 15:12:18

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
526-73-8 Benzene, 1,2,3-trimethyl-								
10.986	1948951	36.6	116	93	9113	C9H12	120	
Unknown								
11.473	2393995	44.9	116	0	0		0	
488-23-3 Benzene, 1,2,3,4-tetramethyl-								
11.667	2188589	41.1	116	81	14357	C10H14	134	
527-84-4 Benzene, 1-methyl-2-(1-methylethyl)-								
11.920	4950910	93.0	116	91	14395	C10H14	134	
2050-24-0 Benzene, 1,3-diethyl-5-methyl-								
12.131	2130187	40.0	116	91	21830	C11H16	148	
Unknown								
12.684	1678863	31.5	116	0	0		0	
1680-51-9 Naphthalene, 1,2,3,4-tetrahydro-6-methyl								
12.725	2310693	43.4	116	91	20765	C11H14	146	
769-57-3 .alpha.,.beta.,.beta.-Trimethylstyrene								
12.866	1625361	30.5	116	93	20750	C11H14	146	
4175-54-6 Naphthalene, 1,2,3,4-tetrahydro-1,4-dime								
12.977	2175587	40.8	116	60	29460	C12H16	160	
13065-07-1 Naphthalene, 1,2,3,4-tetrahydro-2,7-dime								
13.101	2012491	37.8	116	95	29448	C12H16	160	

Report Date: 13-Mar-2014 15:12:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\J09926.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.962	2662990	50.0

QC Flag Legend

Processing Flags

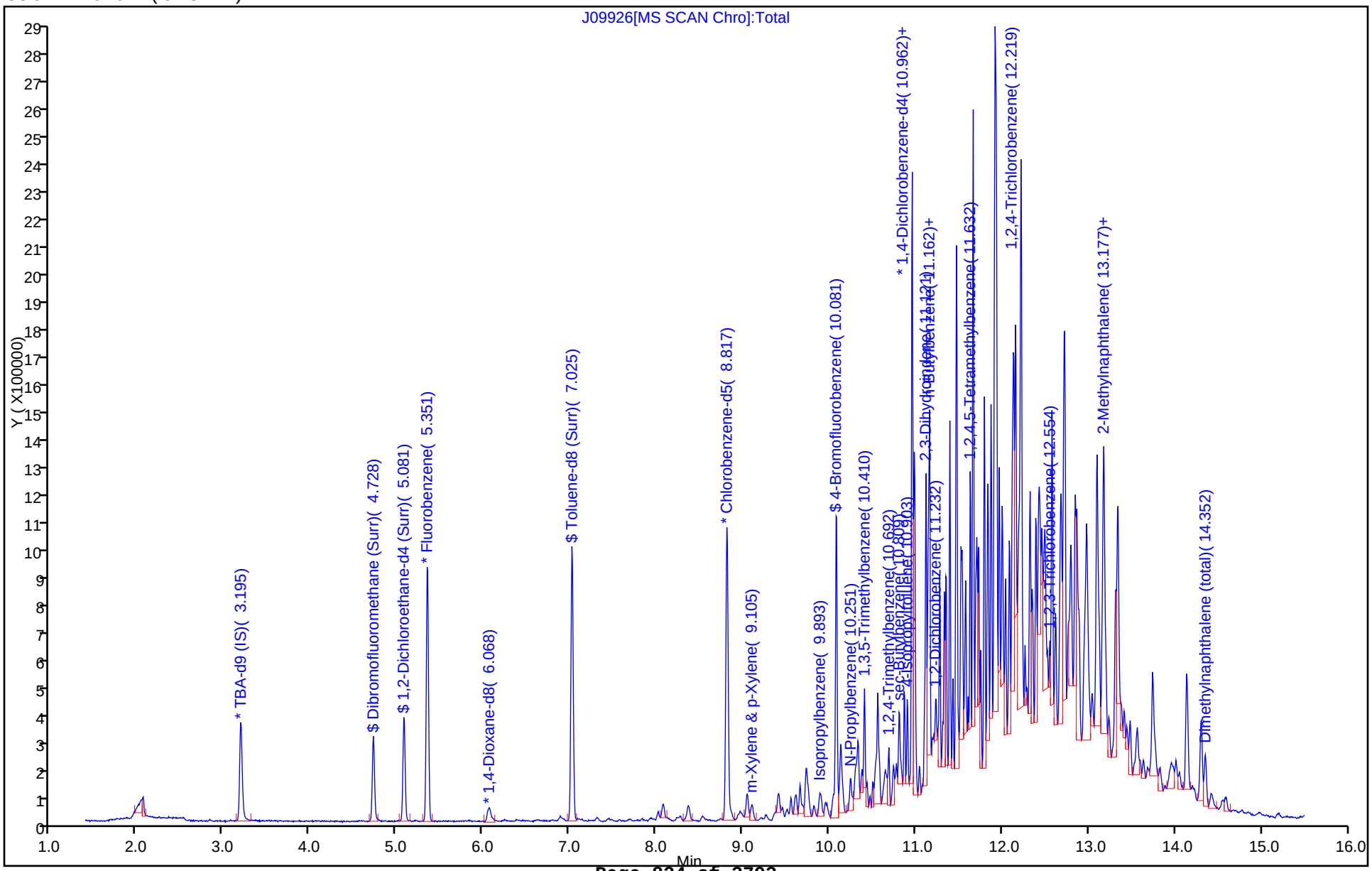
Report Date: 13-Mar-2014 15:12:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\J09926.D

Injection Date:	13-Mar-2014 03:21:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-72174-A-11-A	Lab Sample ID:	460-72174-11	Worklist Smp#:	15
Client ID:	PMP-5SW-WT				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	14
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



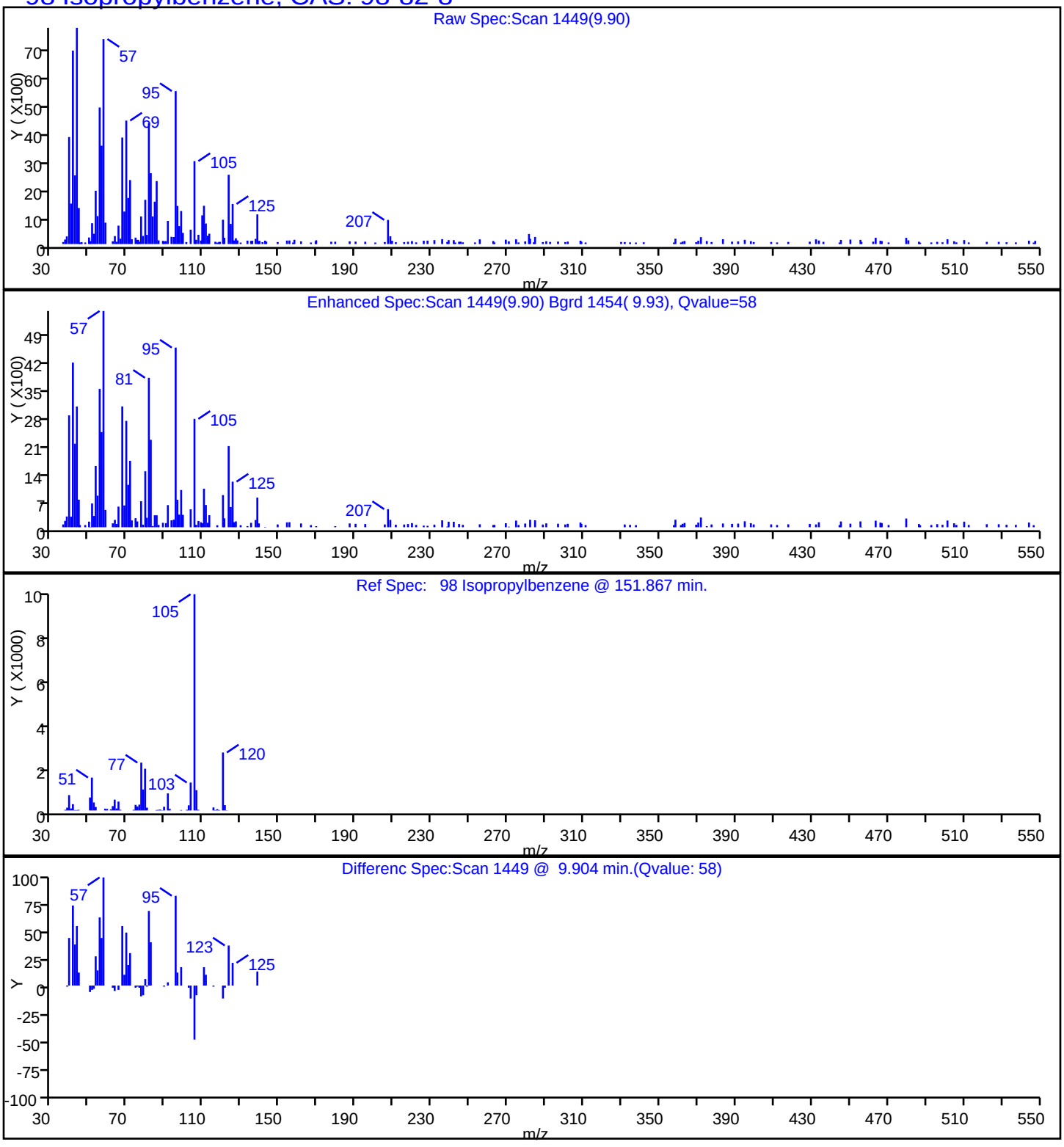
Report Date: 13-Mar-2014 15:12:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\J09926.D

Injection Date:	13-Mar-2014 03:21:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-11-A	Lab Sample ID:	460-72174-11		
Client ID:	PMP-5SW-WT				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

98 Isopropylbenzene, CAS: 98-82-8



Report Date: 13-Mar-2014 15:12:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\J09926.D

Injection Date: 13-Mar-2014 03:21:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-11-A Lab Sample ID: 460-72174-11

Client ID: PMP-5SW-WT

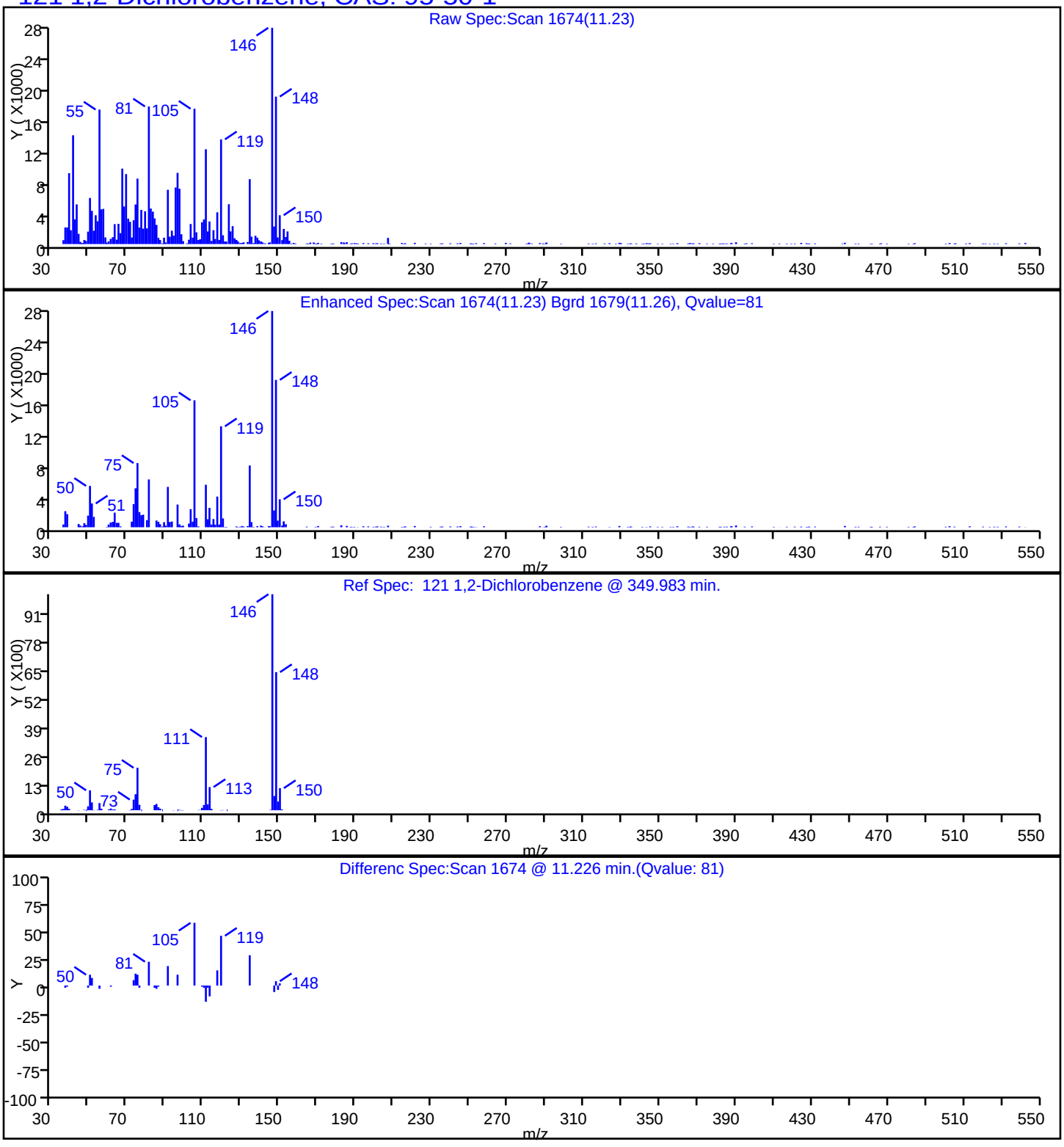
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

121 1,2-Dichlorobenzene, CAS: 95-50-1



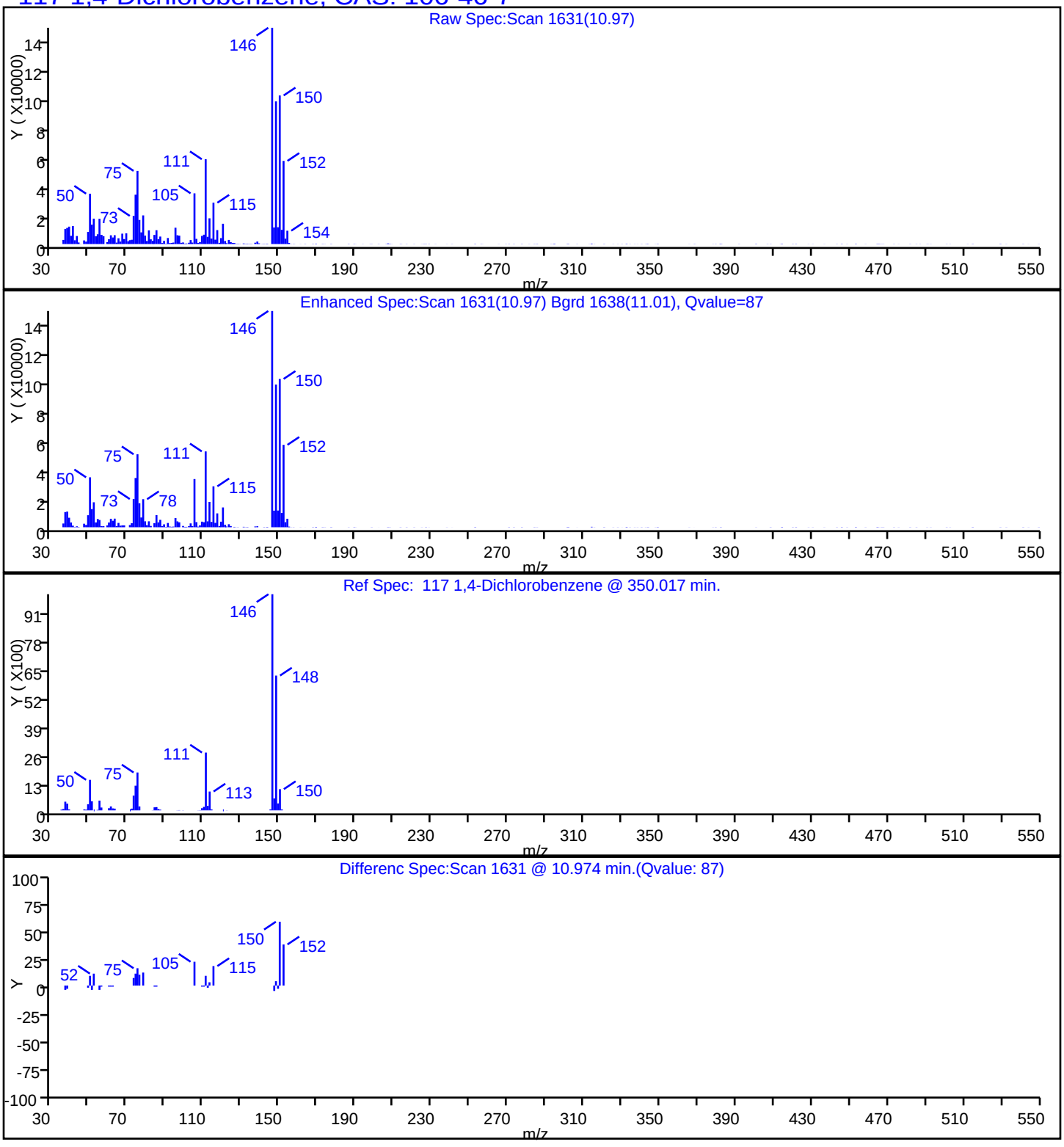
Report Date: 13-Mar-2014 15:12:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\J09926.D

Injection Date:	13-Mar-2014 03:21:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-11-A	Lab Sample ID:	460-72174-11		
Client ID:	PMP-5SW-WT				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

117 1,4-Dichlorobenzene, CAS: 106-46-7



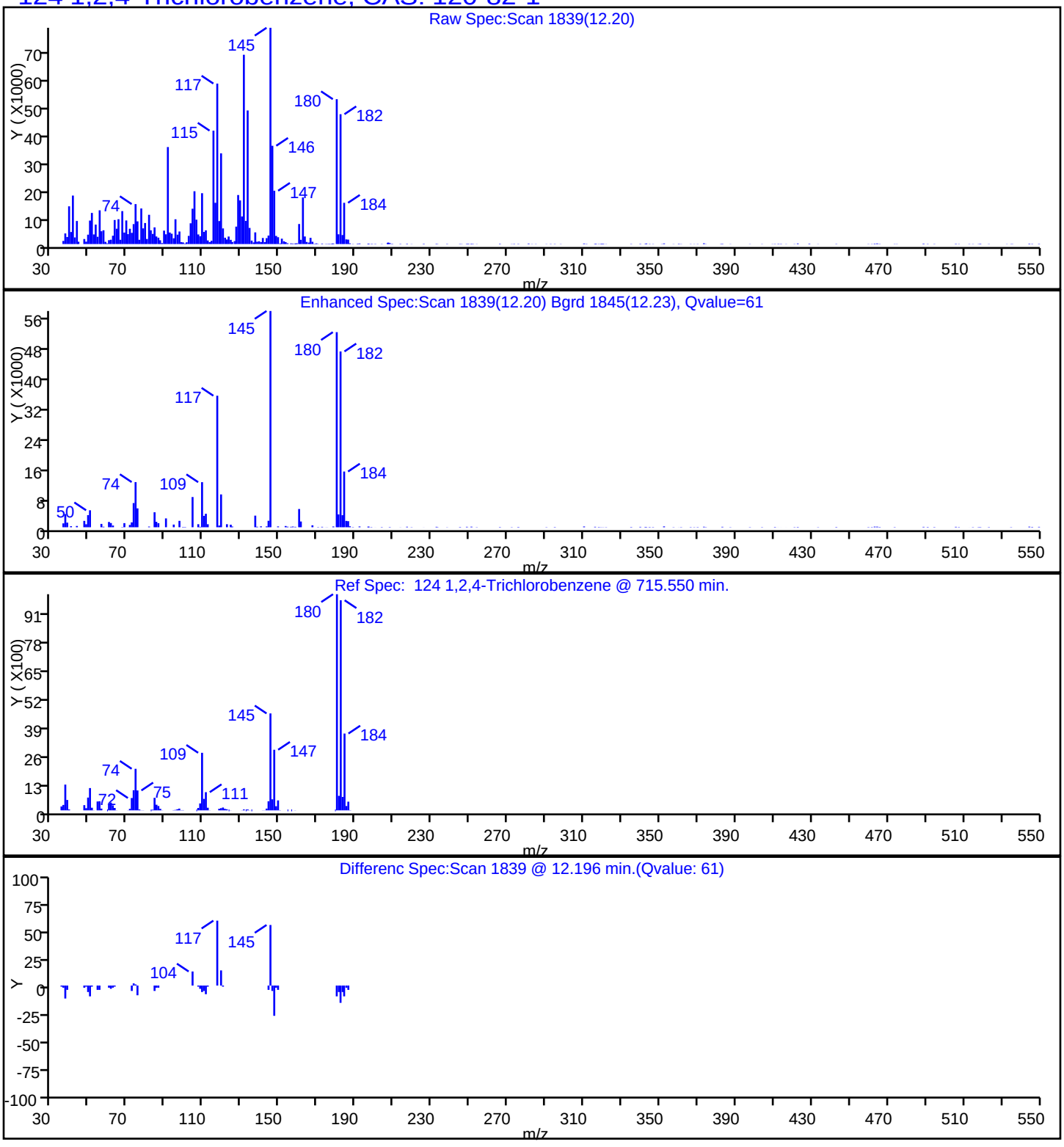
Report Date: 13-Mar-2014 15:12:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\J09926.D

Injection Date:	13-Mar-2014 03:21:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-11-A	Lab Sample ID:	460-72174-11		
Client ID:	PMP-5SW-WT				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



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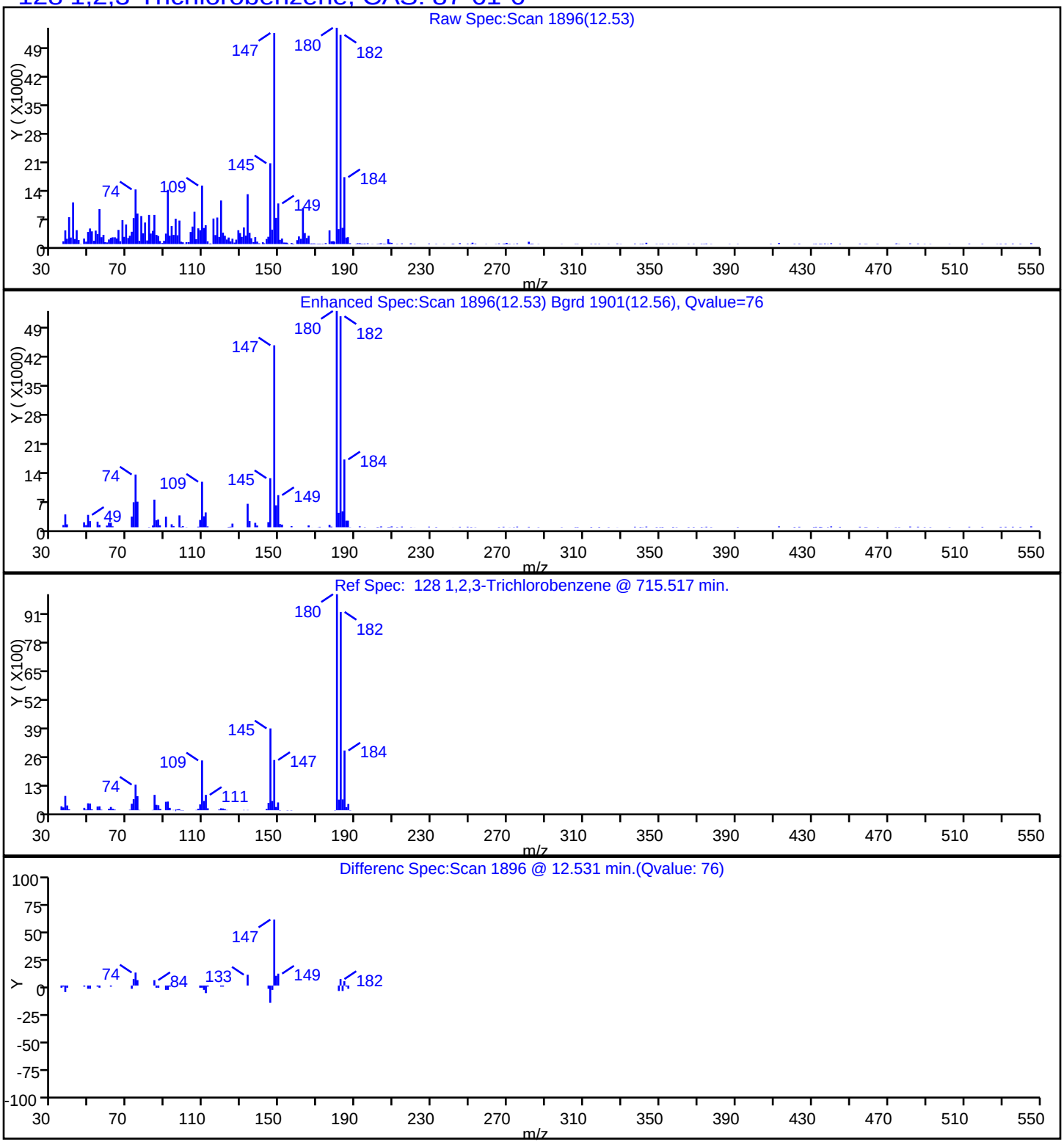
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\J09926.D

Injection Date:	13-Mar-2014 03:21:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-11-A	Lab Sample ID:	460-72174-11		
Client ID:	PMP-5SW-WT				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



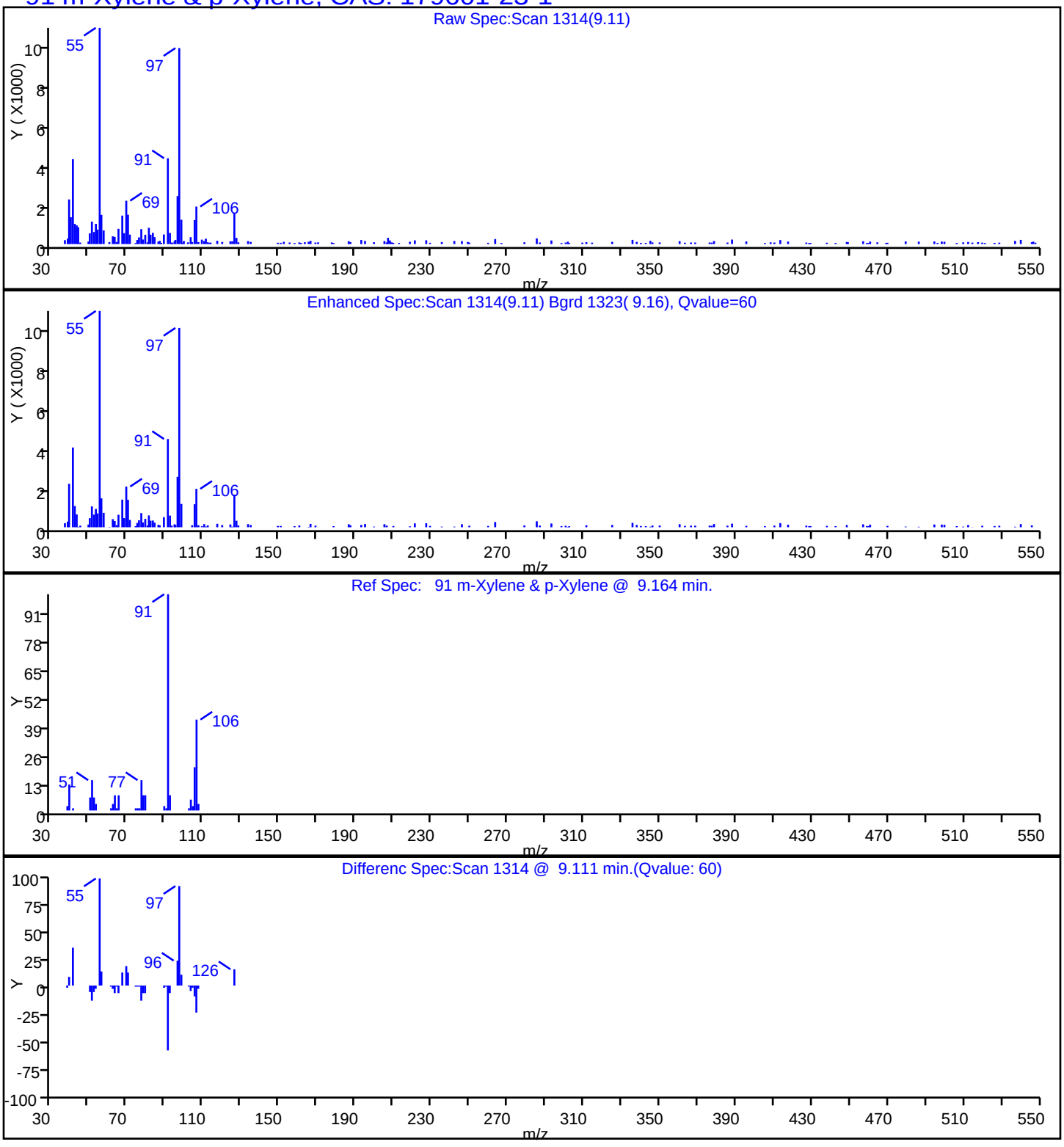
Report Date: 13-Mar-2014 15:12:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\J09926.D

Injection Date:	13-Mar-2014 03:21:30	Instrument ID:	CVOAMS8
Lims ID:	460-72174-A-11-A	Lab Sample ID:	460-72174-11
Client ID:	PMP-5SW-WT		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

91 m-Xylene & p-Xylene, CAS: 179601-23-1



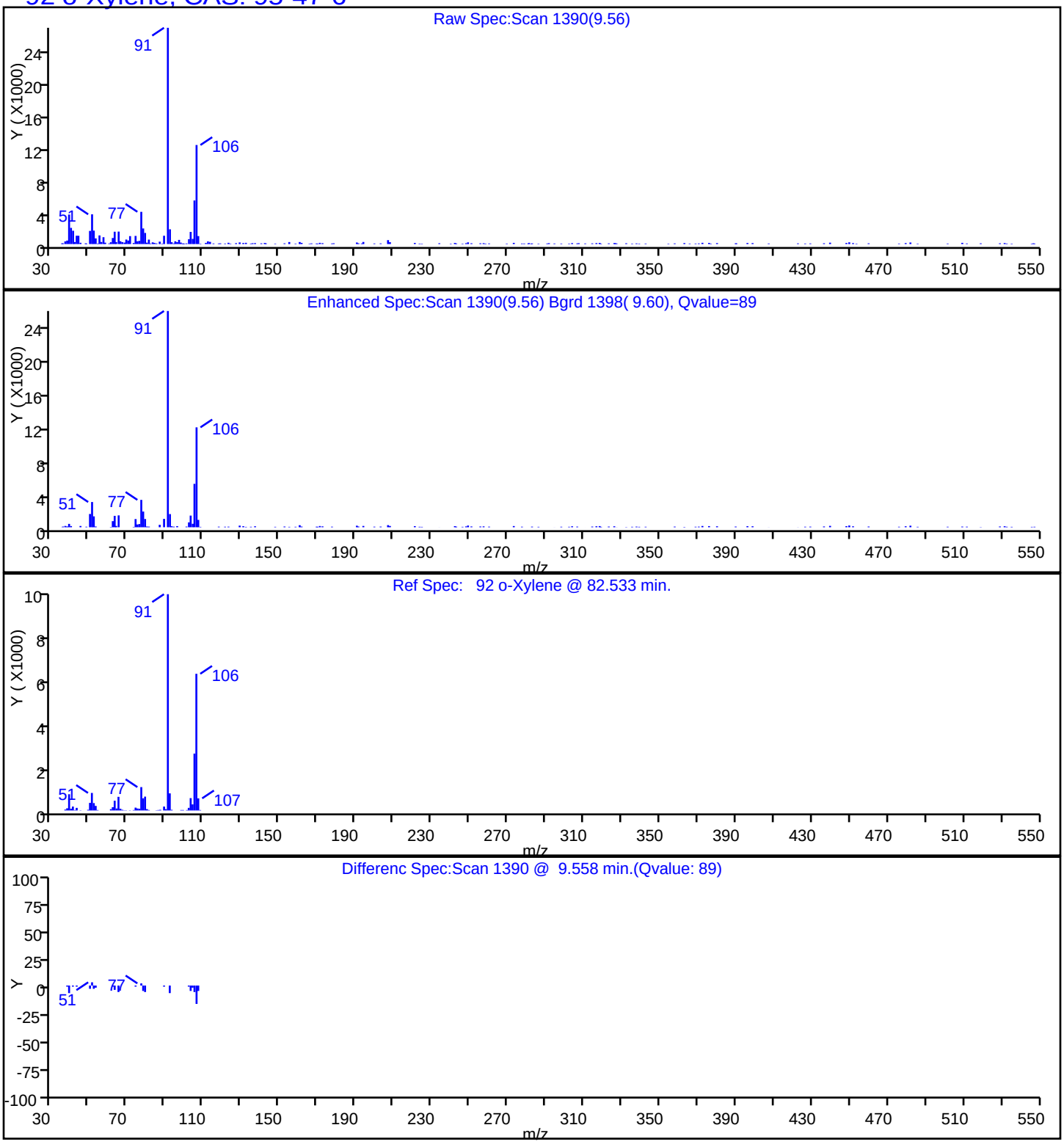
Report Date: 13-Mar-2014 15:12:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\J09926.D

Injection Date:	13-Mar-2014 03:21:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-11-A	Lab Sample ID:	460-72174-11		
Client ID:	PMP-5SW-WT				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

92 o-Xylene, CAS: 95-47-6



Report Date: 13-Mar-2014 15:12:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

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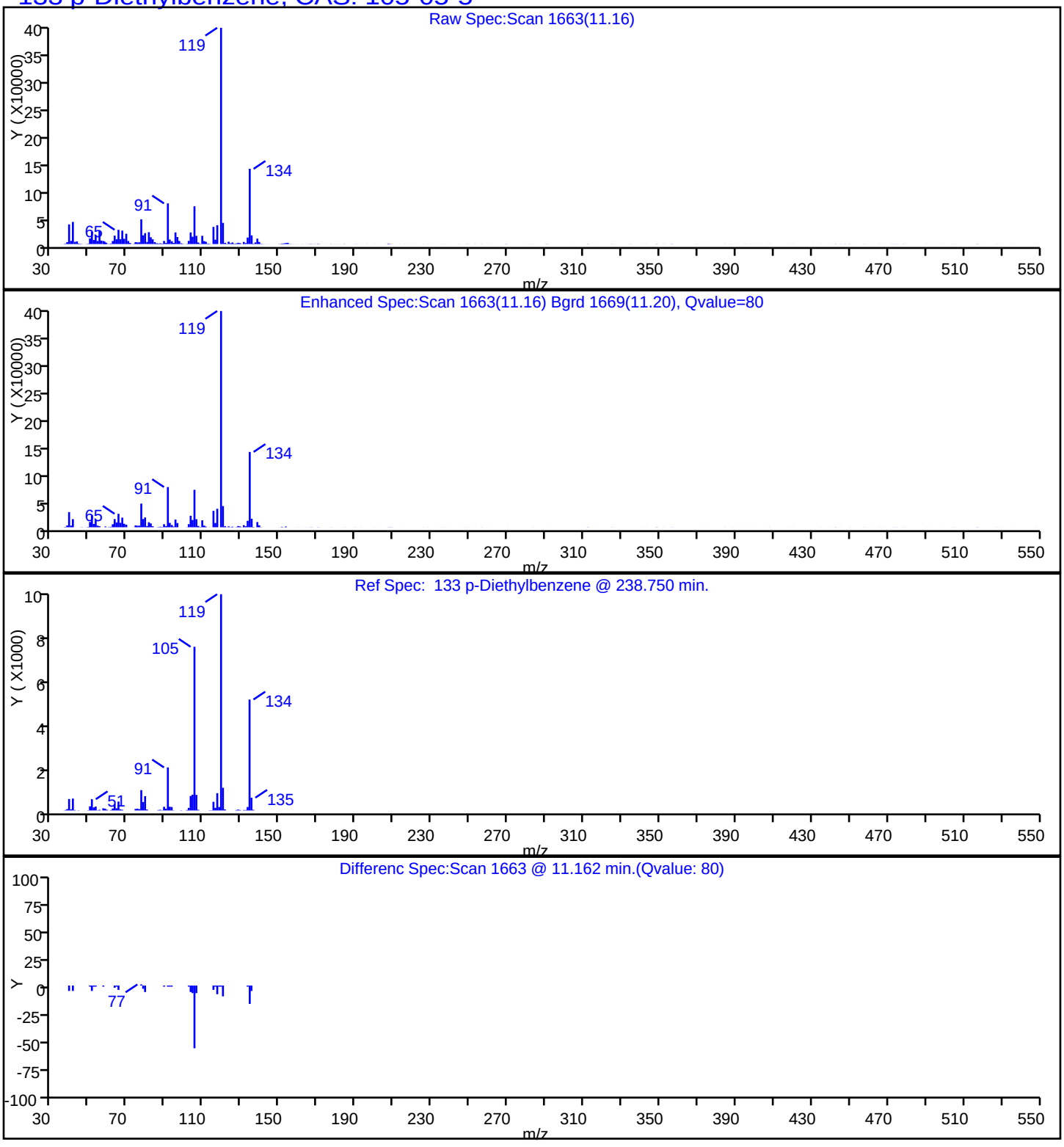
Injection Date:	13-Mar-2014 03:21:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-11-A	Lab Sample ID:	460-72174-11		
Client ID:	PMP-5SW-WT				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

133 p-Diethylbenzene, CAS: 105-05-5



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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\J09926.D

Injection Date: 13-Mar-2014 03:21:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-11-A Lab Sample ID: 460-72174-11

Client ID: PMP-5SW-WT

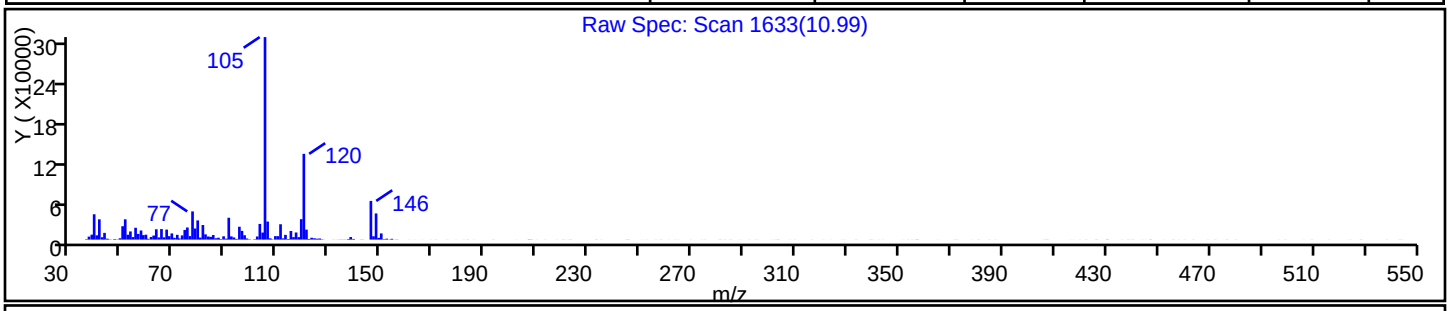
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

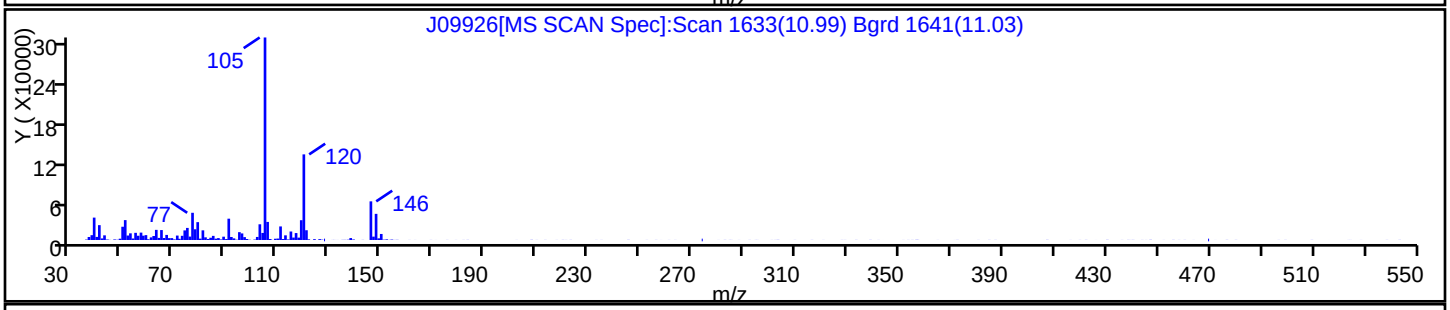
Purge Vol: 5.000 mL Dil. Factor: 50.0000

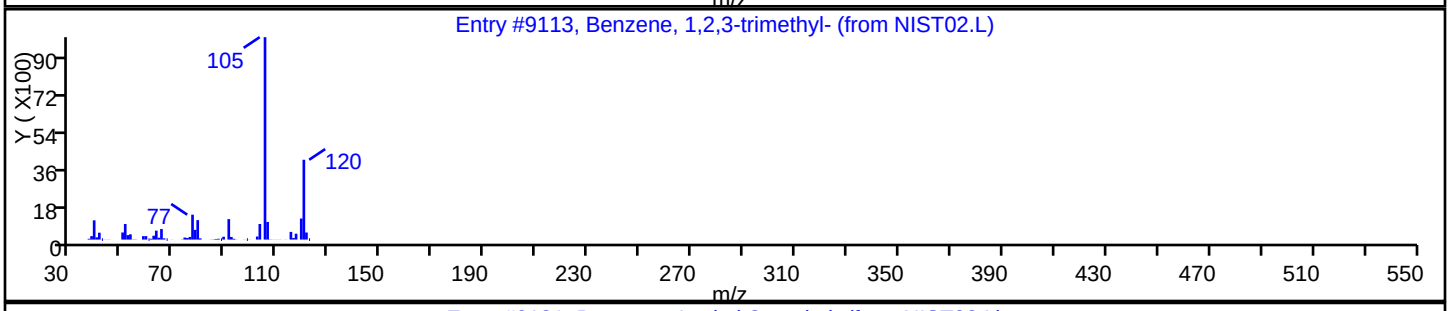
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

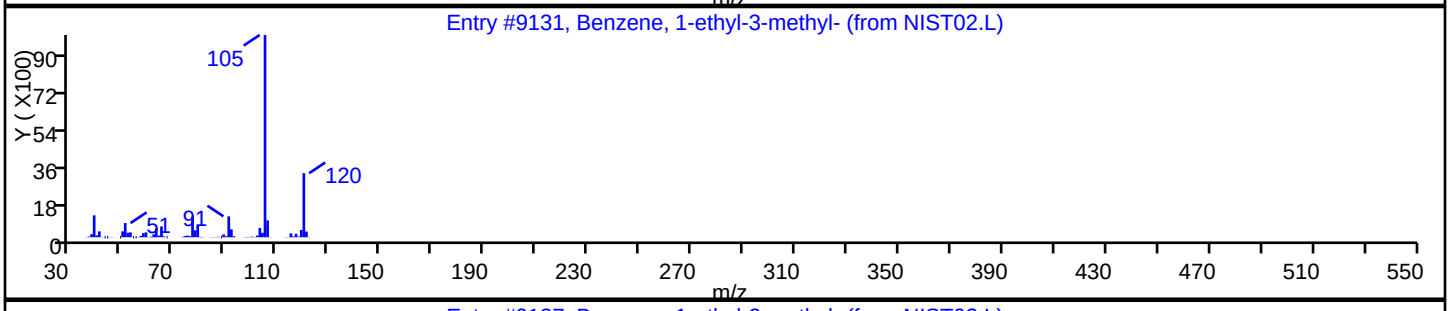
Column: Detector MS SCAN

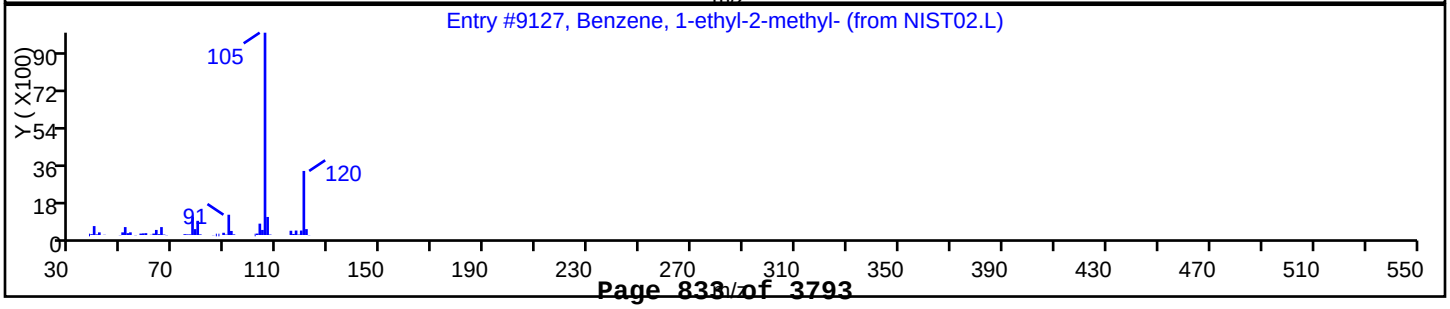
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9113	C9H12	120	93
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.L	9131	C9H12	120	64
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.L	9127	C9H12	120	64











Report Date: 13-Mar-2014 15:12:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\J09926.D

Injection Date: 13-Mar-2014 03:21:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-11-A Lab Sample ID: 460-72174-11

Client ID: PMP-5SW-WT

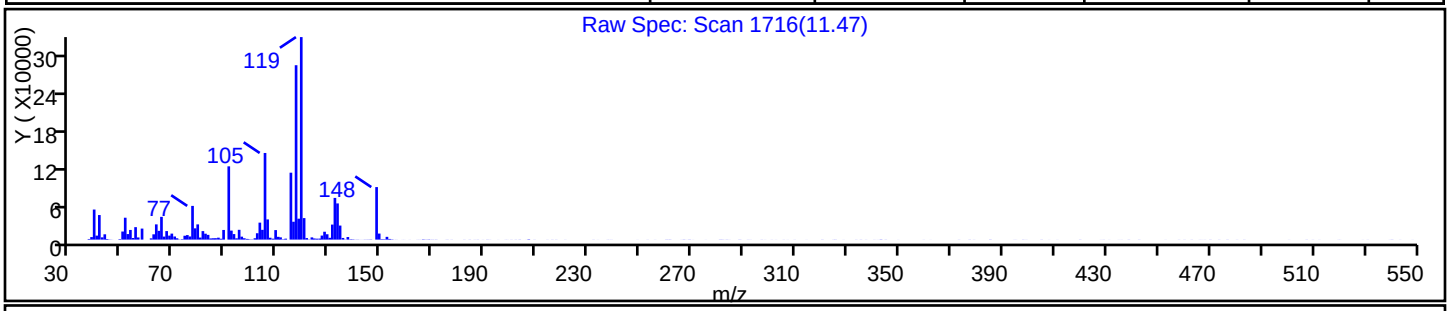
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

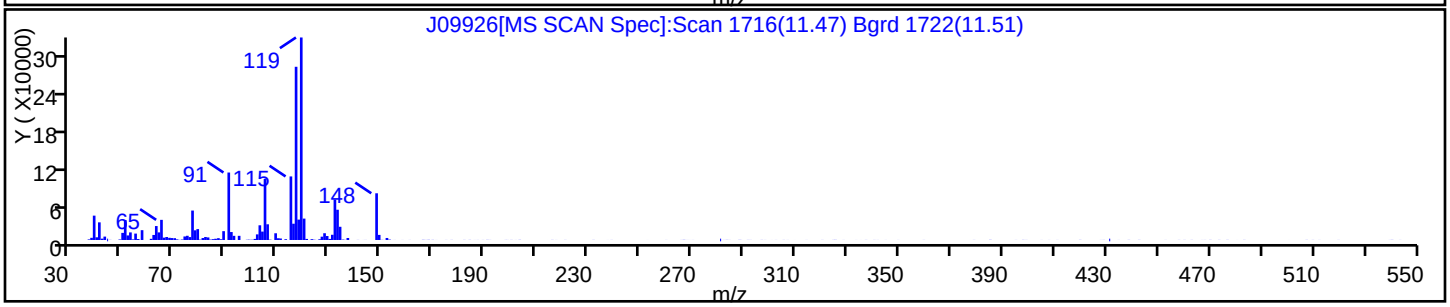
Purge Vol: 5.000 mL Dil. Factor: 50.0000

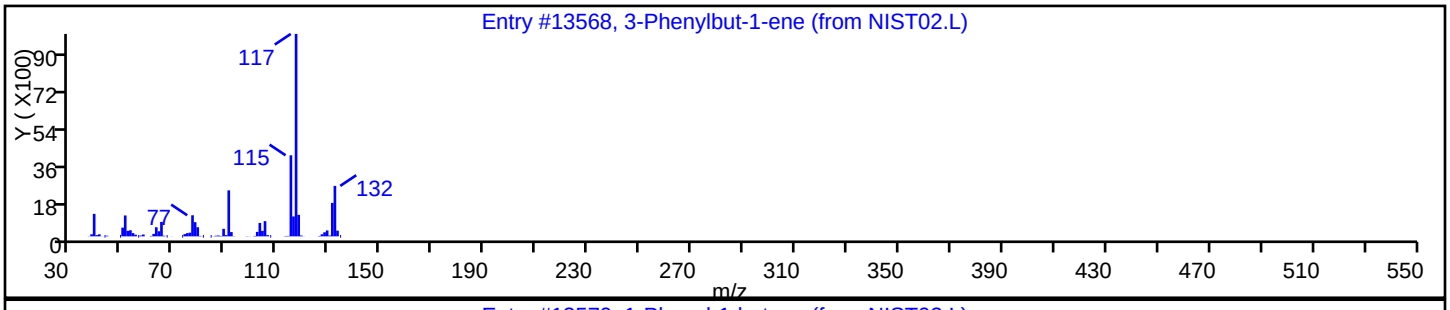
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

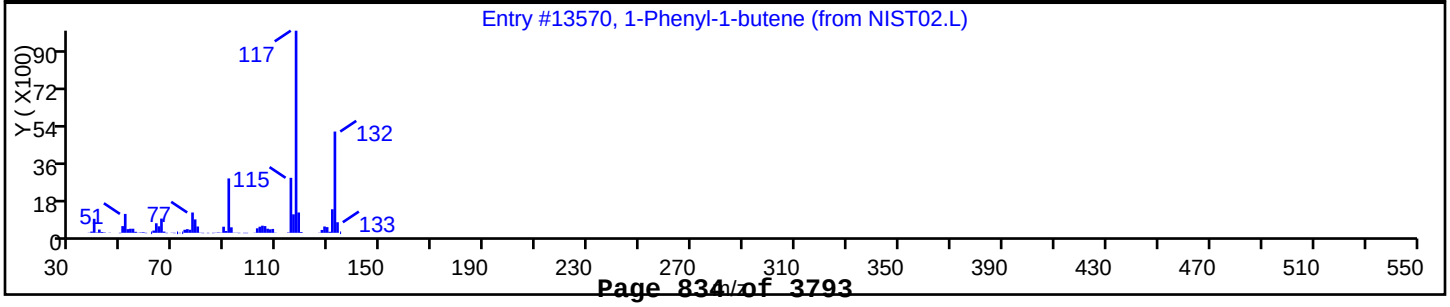
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown		NIST02.L	0		0	0
3-Phenylbut-1-ene	934-10-1	NIST02.L	13568	C10H12	132	50
1-Phenyl-1-butene	824-90-8	NIST02.L	13570	C10H12	132	50









Report Date: 13-Mar-2014 15:12:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

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Injection Date: 13-Mar-2014 03:21:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-11-A Lab Sample ID: 460-72174-11

Client ID: PMP-5SW-WT

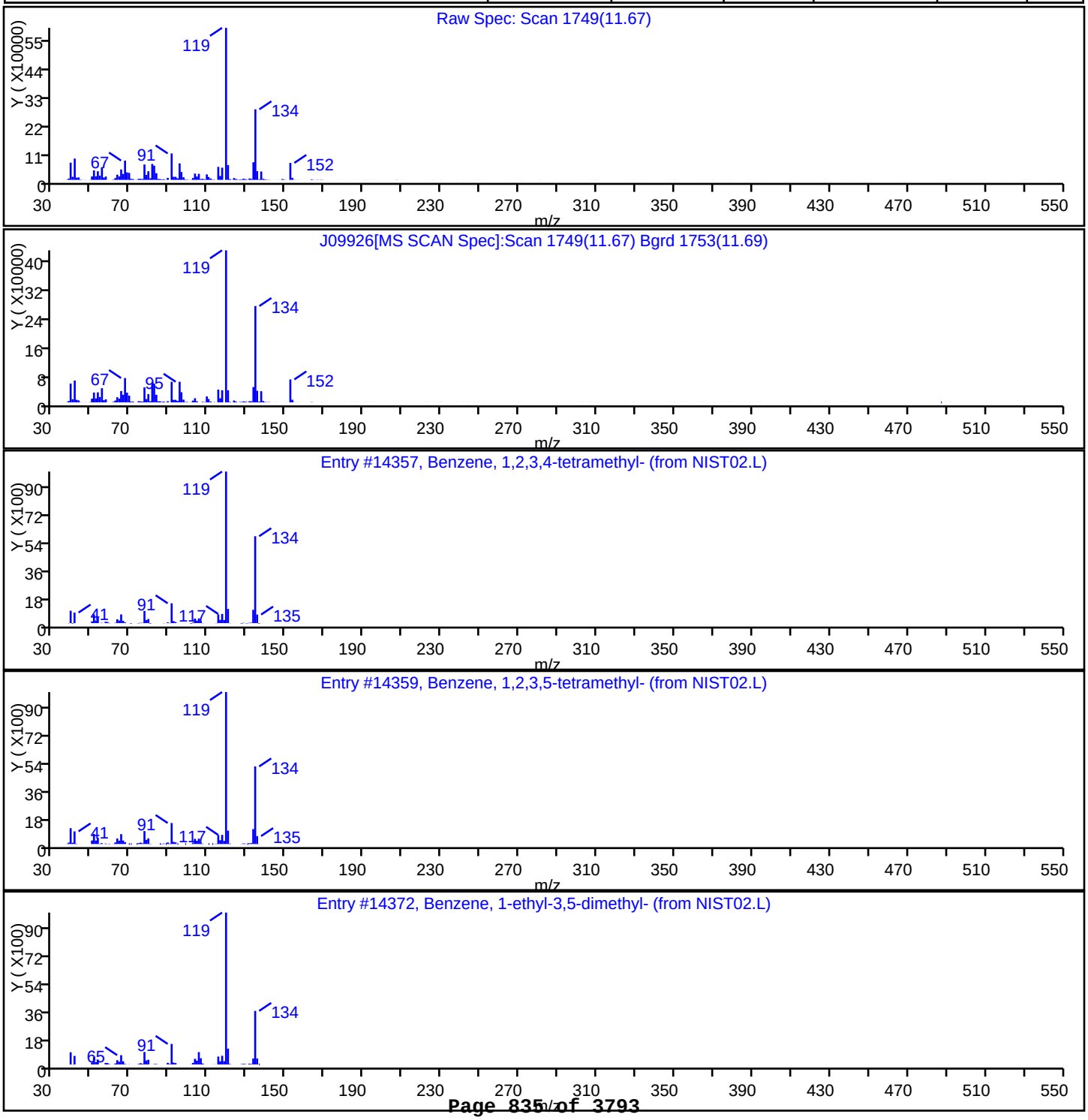
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14357	C10H14	134	81
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.L	14359	C10H14	134	81
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.L	14372	C10H14	134	81



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Injection Date: 13-Mar-2014 03:21:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-11-A Lab Sample ID: 460-72174-11

Client ID: PMP-5SW-WT

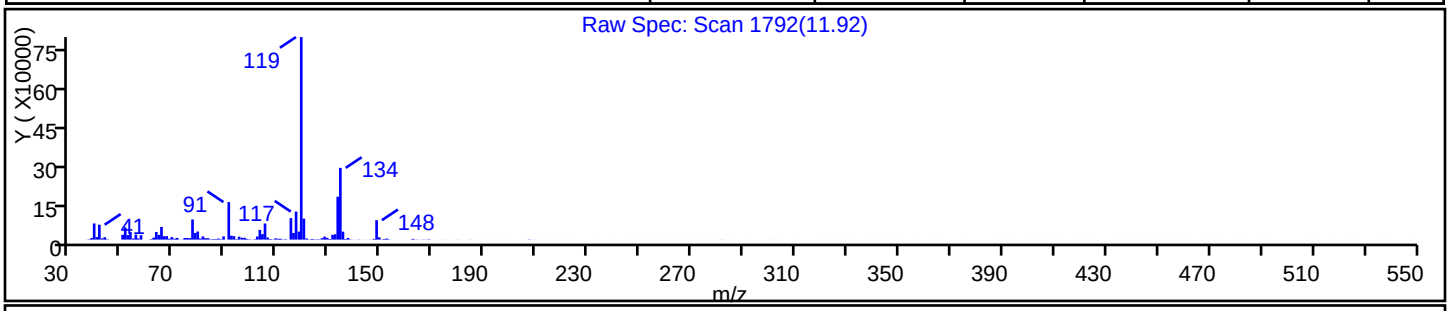
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

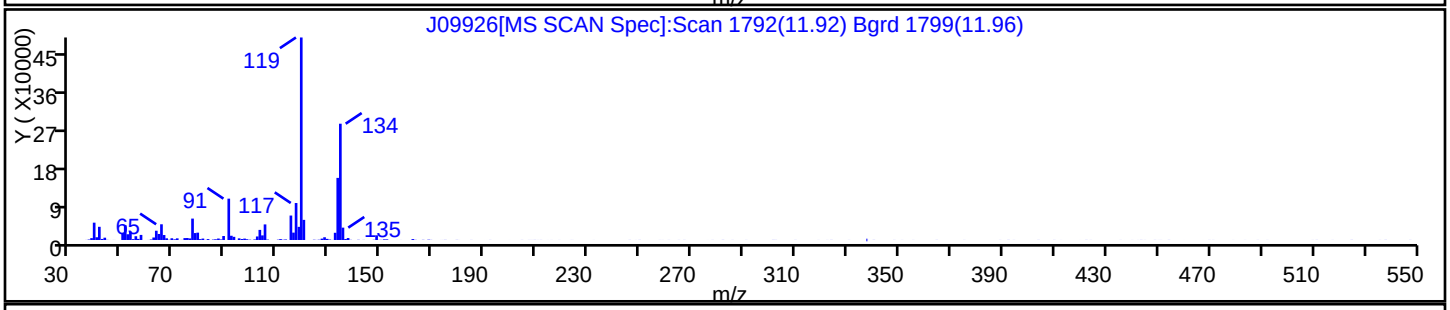
Purge Vol: 5.000 mL Dil. Factor: 50.0000

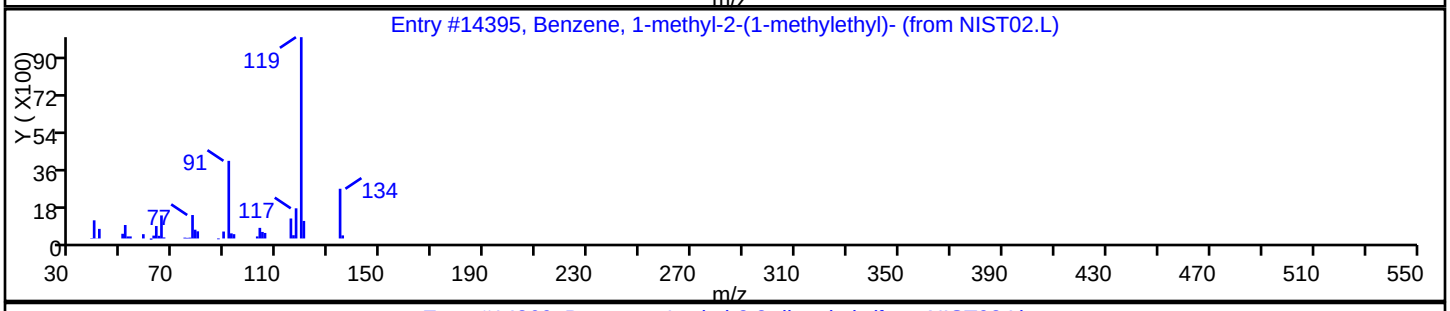
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

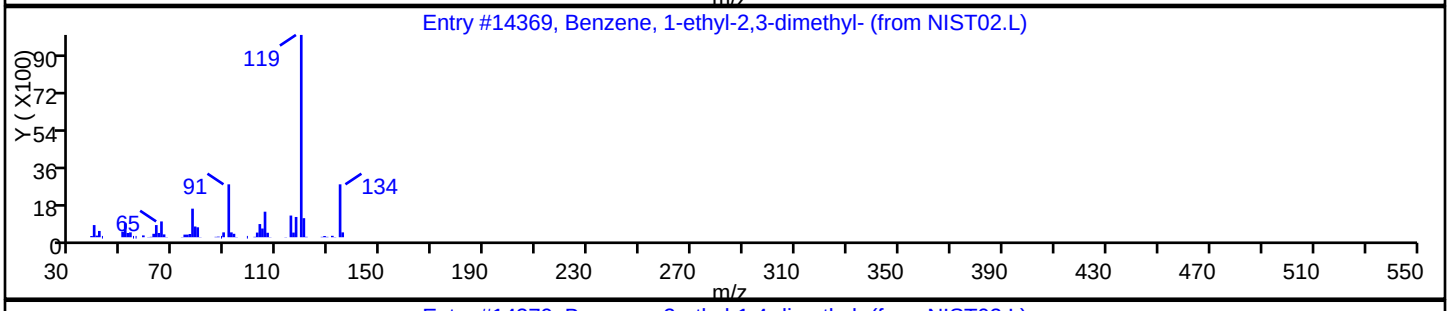
Column: Detector MS SCAN

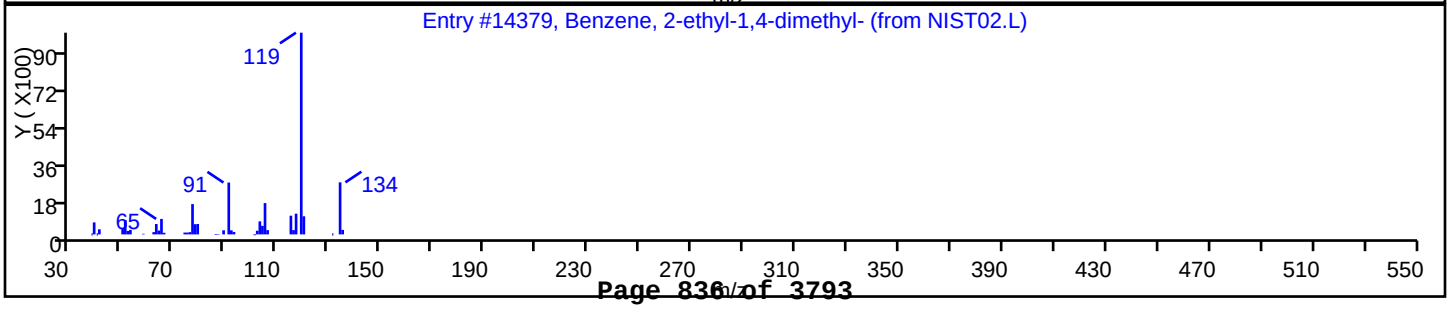
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14395	C10H14	134	91
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.L	14369	C10H14	134	91
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.L	14379	C10H14	134	87











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Data File: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\J09926.D

Injection Date: 13-Mar-2014 03:21:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-11-A Lab Sample ID: 460-72174-11

Client ID: PMP-5SW-WT

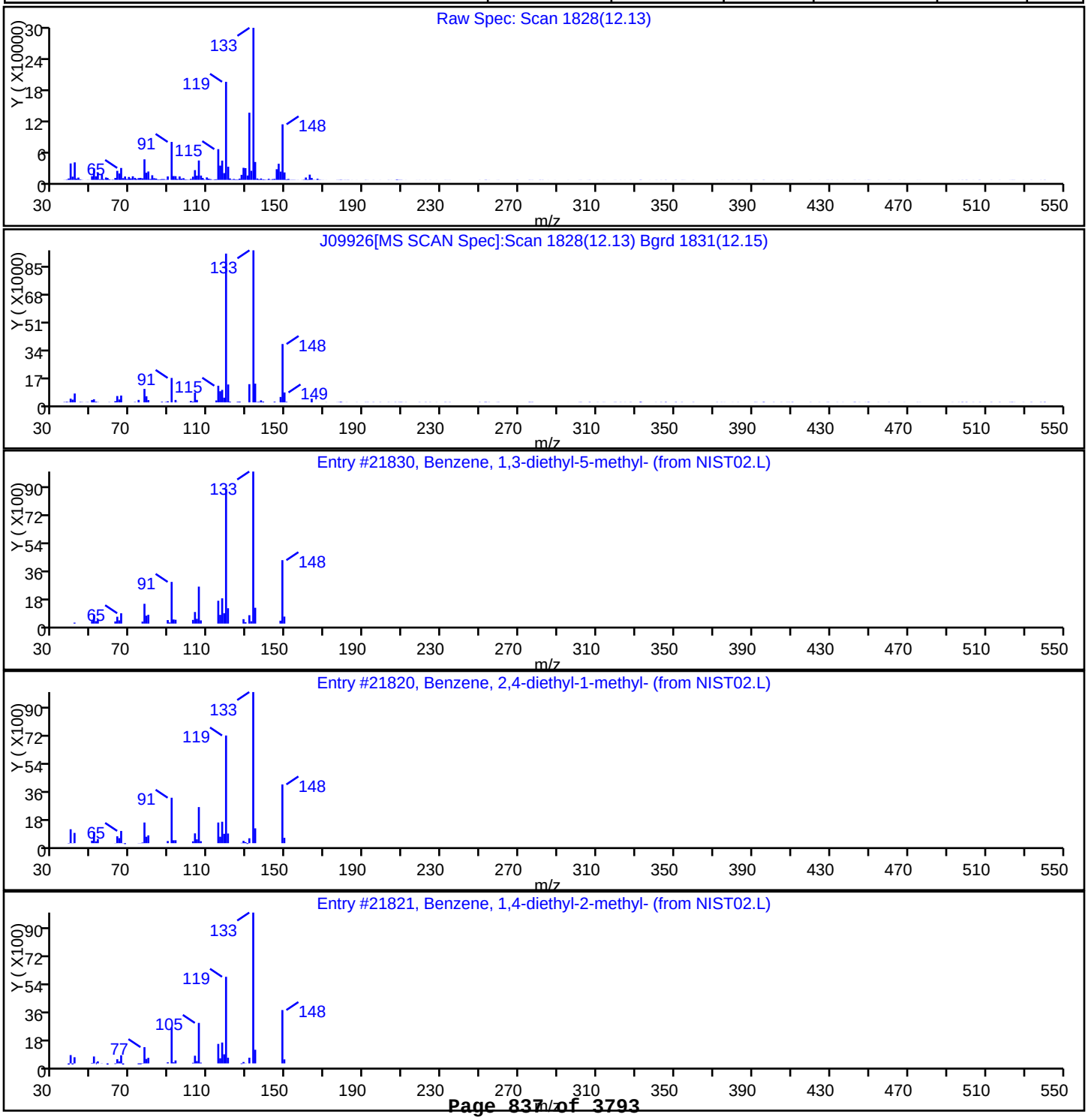
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.L	21830	C11H16	148	91
Benzene, 2,4-diethyl-1-methyl-	1758-85-6	NIST02.L	21820	C11H16	148	86
Benzene, 1,4-diethyl-2-methyl-	13632-94-5	NIST02.L	21821	C11H16	148	64



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Lims ID: 460-72174-A-11-A Lab Sample ID: 460-72174-11

Client ID: PMP-5SW-WT

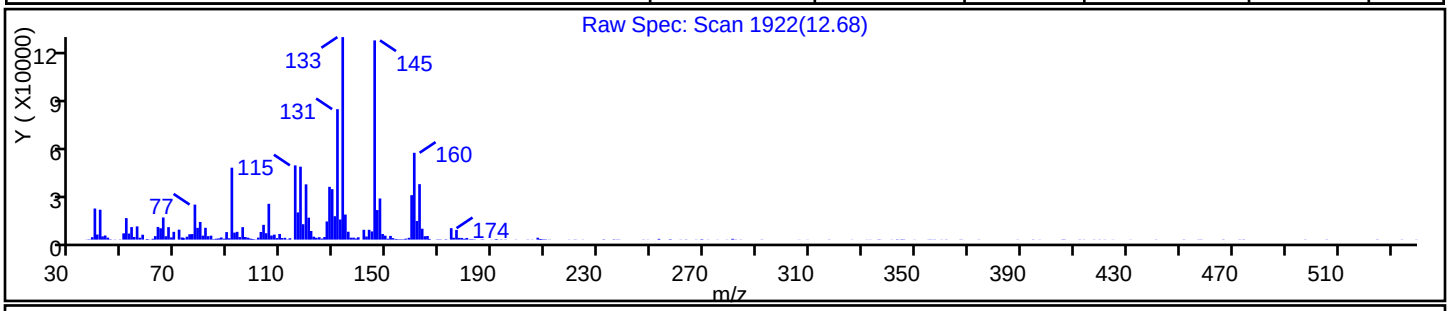
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

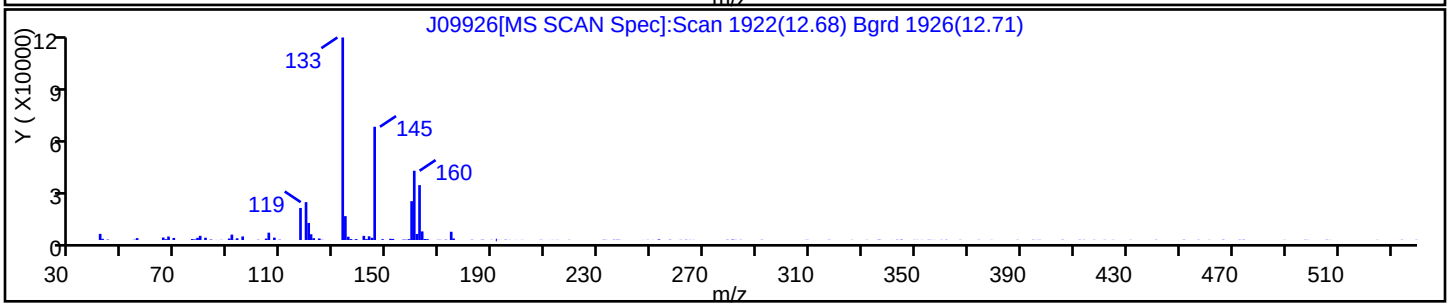
Purge Vol: 5.000 mL Dil. Factor: 50.0000

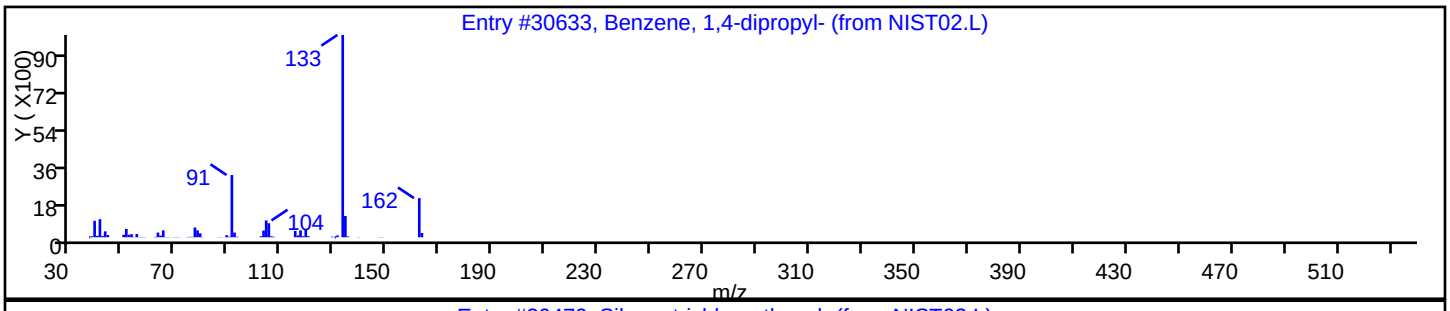
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

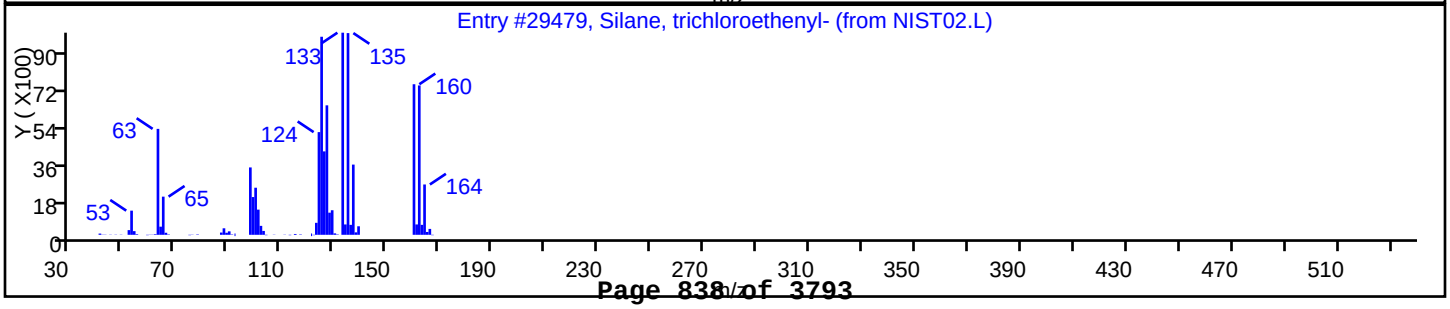
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown		NIST02.L	0		0	0
Benzene, 1,4-dipropyl-	4815-57-0	NIST02.L	30633	C12H18	162	43
Silane, trichloroethenyl-	75-94-5	NIST02.L	29479	C2H3Cl3Si	160	38









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Injection Date: 13-Mar-2014 03:21:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-11-A Lab Sample ID: 460-72174-11

Client ID: PMP-5SW-WT

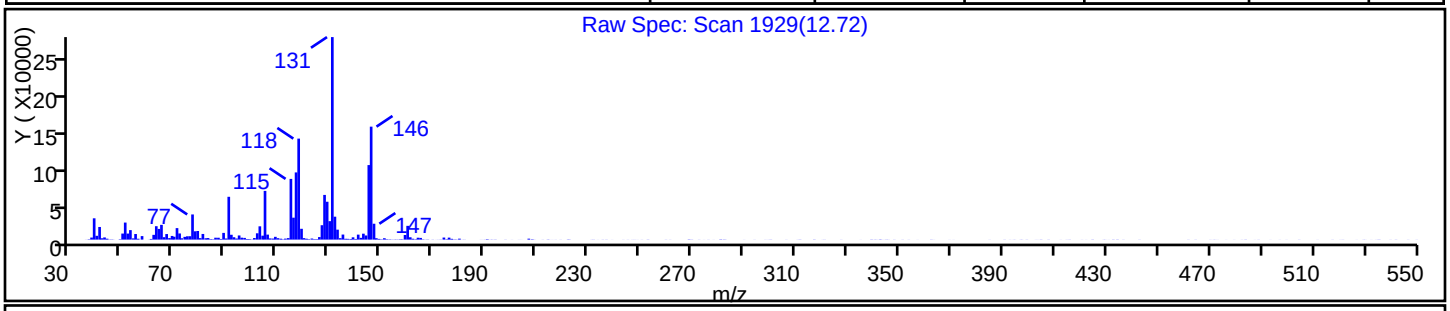
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

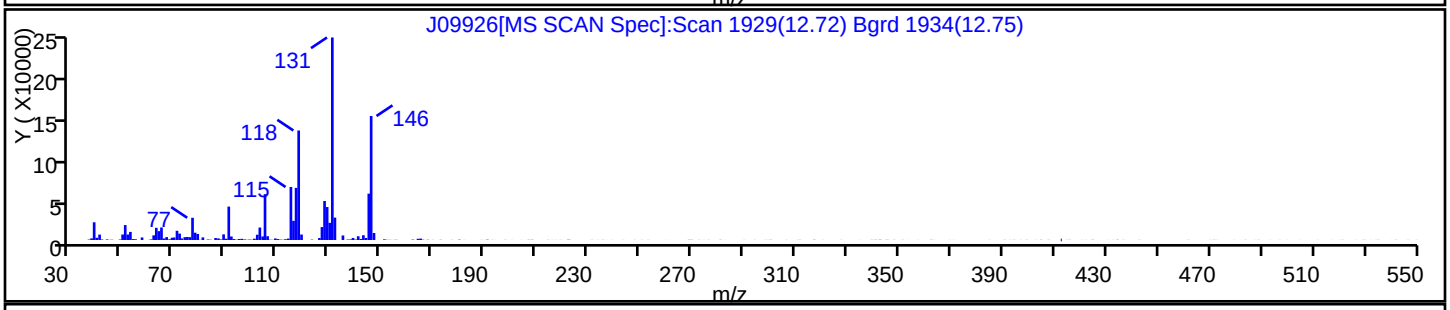
Purge Vol: 5.000 mL Dil. Factor: 50.0000

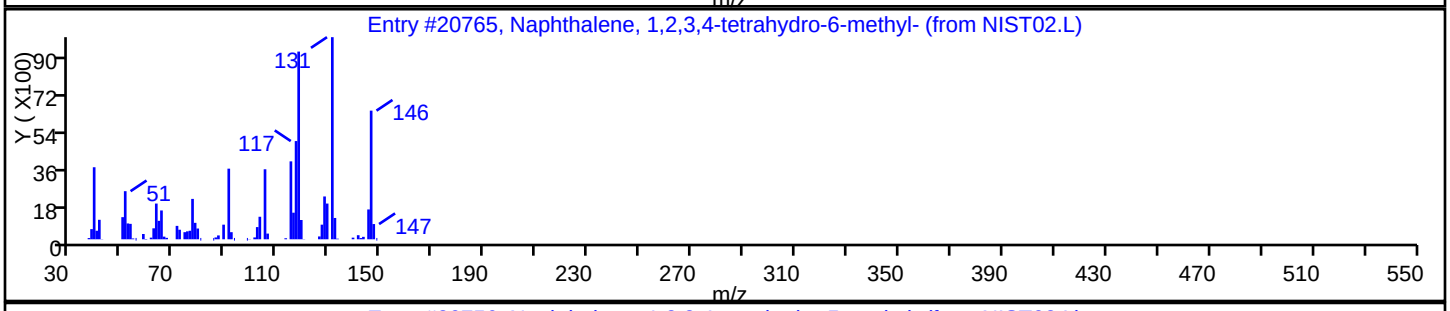
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

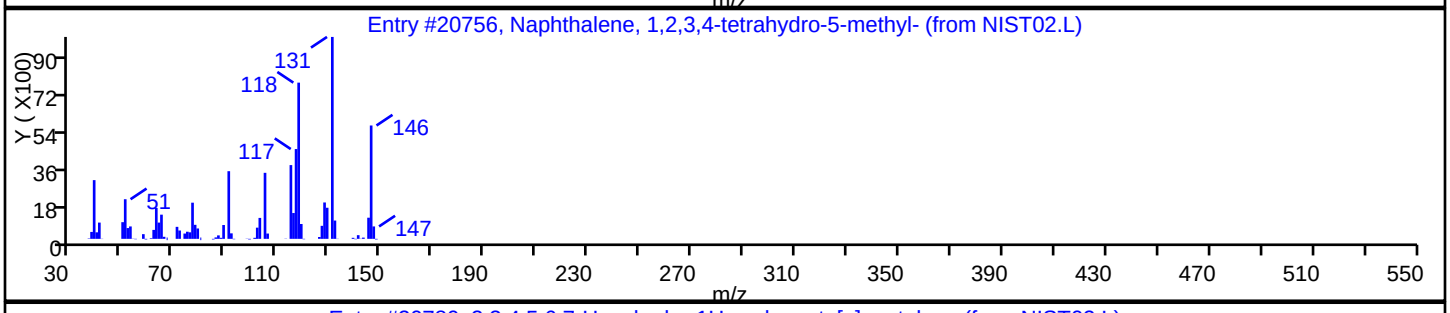
Column: Detector MS SCAN

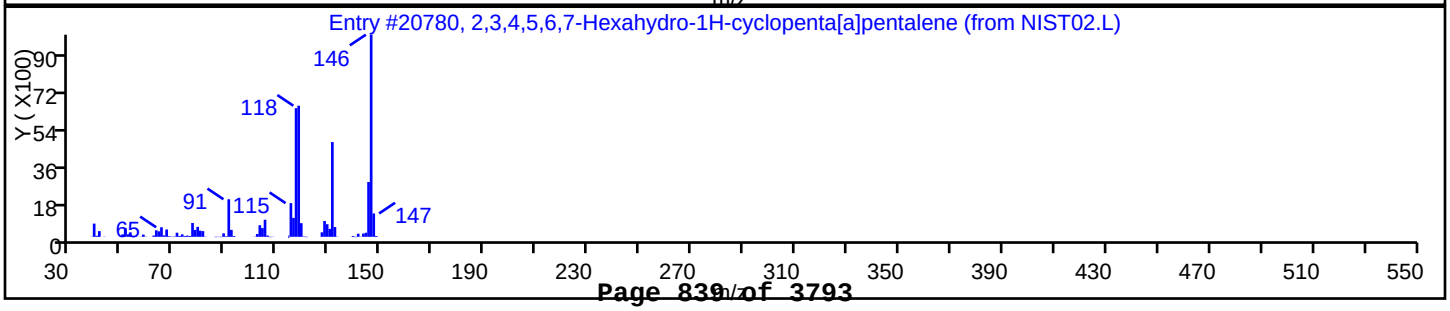
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-6-methyl	1680-51-9	NIST02.L	20765	C11H14	146	91
Naphthalene, 1,2,3,4-tetrahydro-5-methyl	2809-64-5	NIST02.L	20756	C11H14	146	91
2,3,4,5,6,7-Hexahydro-1H-cyclopenta[a]pe	1000189-31-	NIST02.L	20780	C11H14	146	83











Report Date: 13-Mar-2014 15:12:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\J09926.D

Injection Date: 13-Mar-2014 03:21:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-11-A Lab Sample ID: 460-72174-11

Client ID: PMP-5SW-WT

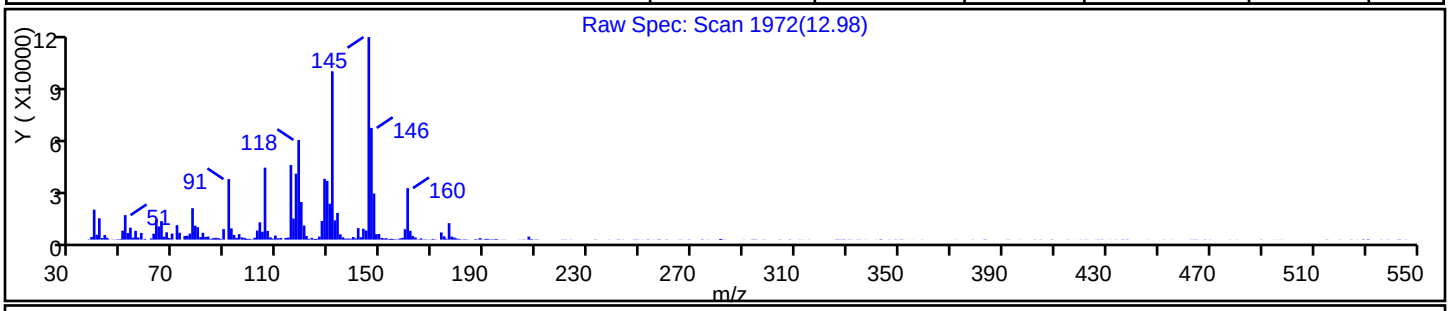
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

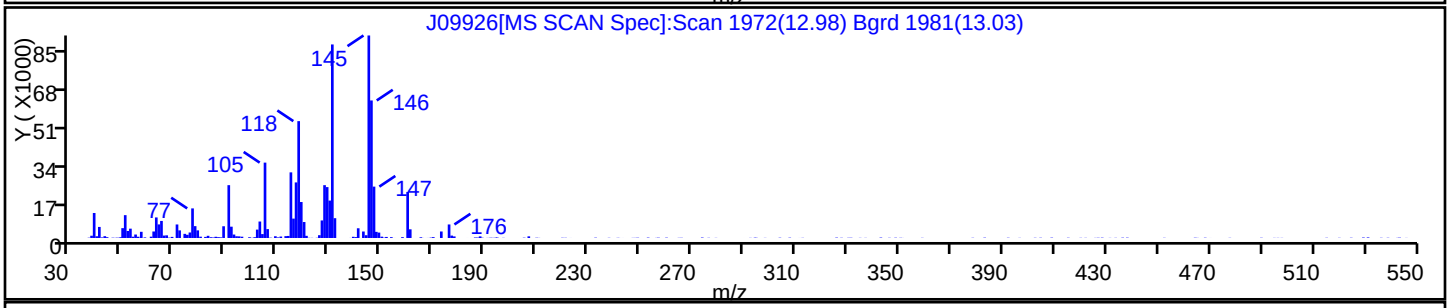
Purge Vol: 5.000 mL Dil. Factor: 50.0000

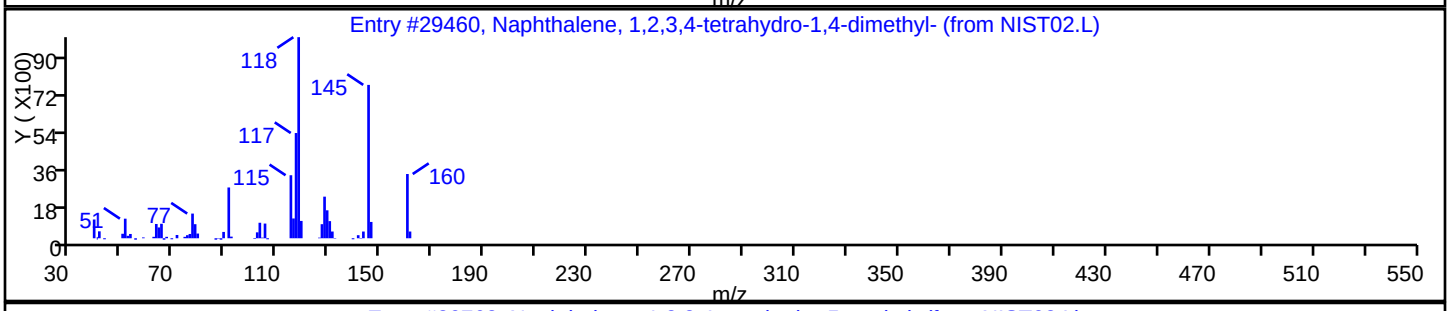
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

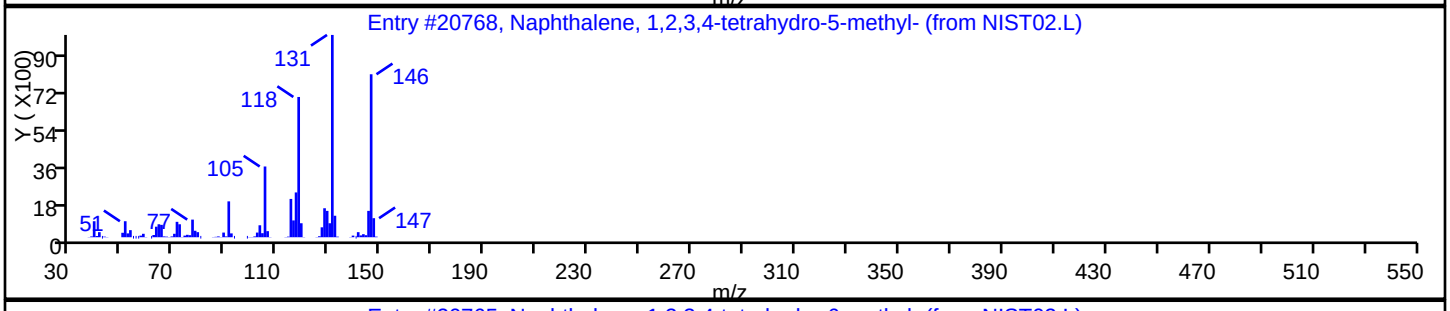
Column: Detector MS SCAN

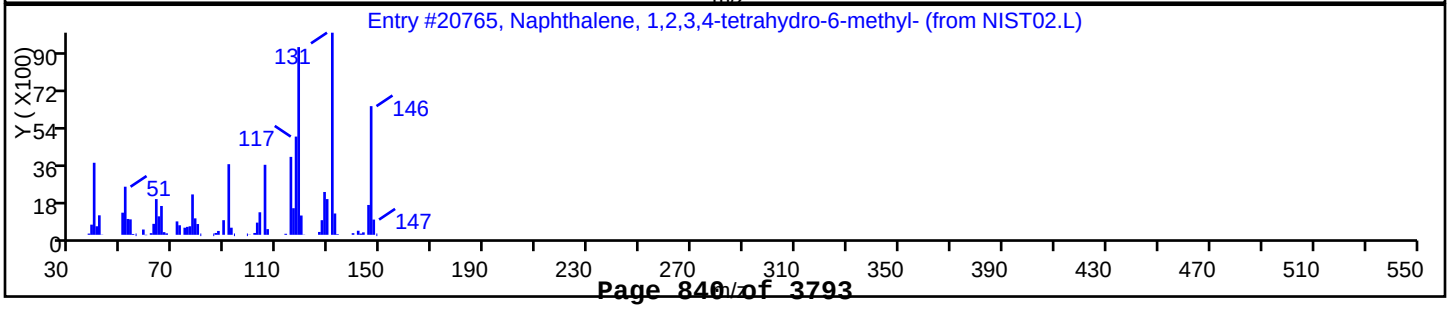
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-1,4-dime	4175-54-6	NIST02.L	29460	C12H16	160	60
Naphthalene, 1,2,3,4-tetrahydro-5-methyl	2809-64-5	NIST02.L	20768	C11H14	146	60
Naphthalene, 1,2,3,4-tetrahydro-6-methyl	1680-51-9	NIST02.L	20765	C11H14	146	55











Report Date: 13-Mar-2014 15:12:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\J09926.D

Injection Date: 13-Mar-2014 03:21:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-11-A Lab Sample ID: 460-72174-11

Client ID: PMP-5SW-WT

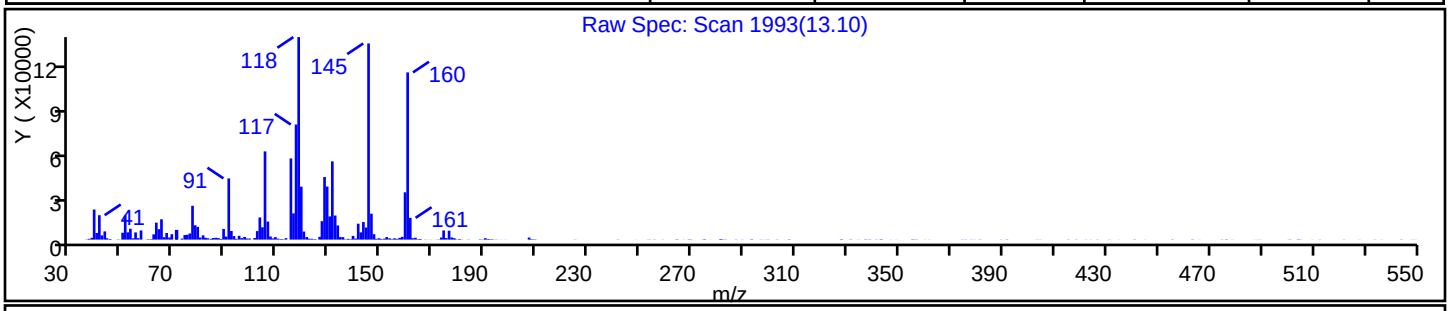
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

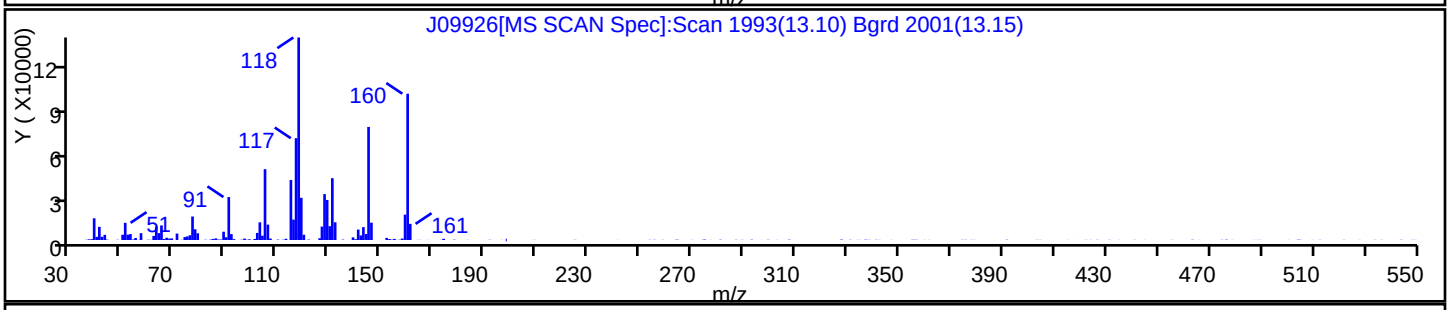
Purge Vol: 5.000 mL Dil. Factor: 50.0000

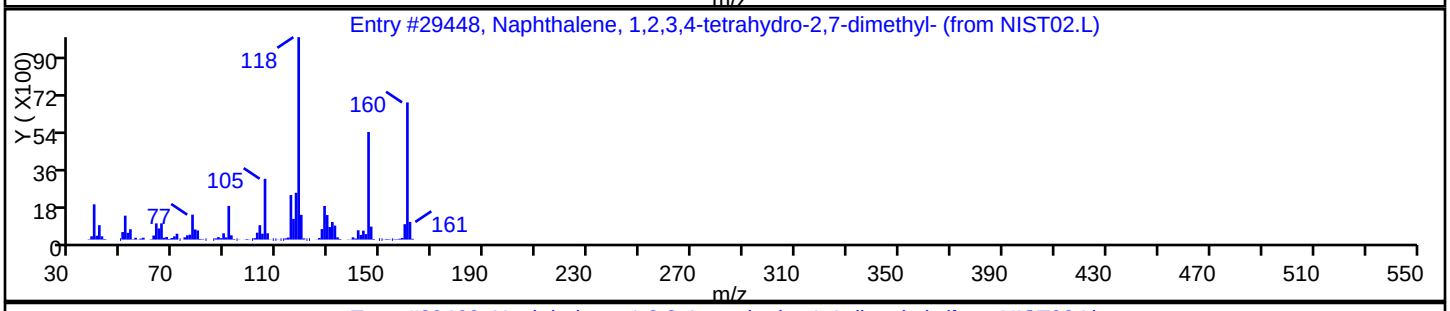
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

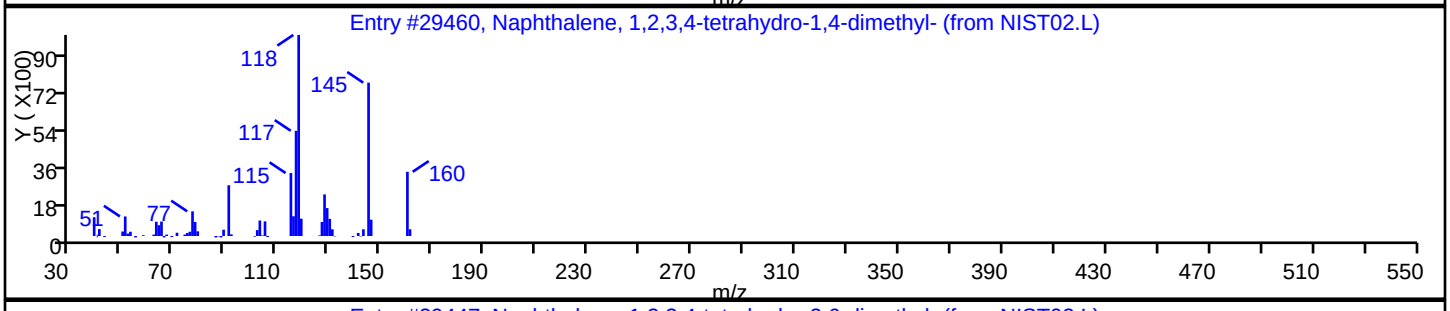
Column: Detector MS SCAN

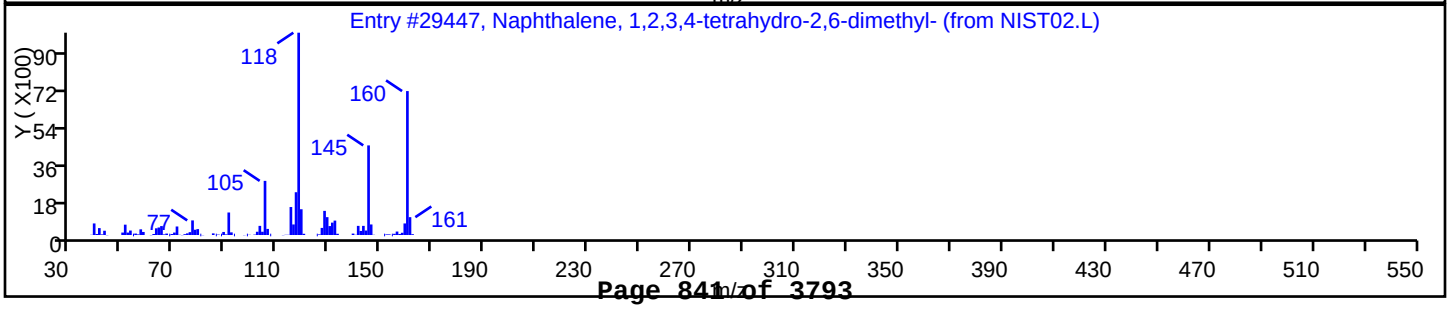
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-2,7-dime	13065-07-1	NIST02.L	29448	C12H16	160	95
Naphthalene, 1,2,3,4-tetrahydro-1,4-dime	4175-54-6	NIST02.L	29460	C12H16	160	76
Naphthalene, 1,2,3,4-tetrahydro-2,6-dime	7524-63-2	NIST02.L	29447	C12H16	160	64











FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-SI Lab Sample ID: 460-72174-12

Matrix: Solid Lab File ID: J09953.D

Analysis Method: 8260B Date Collected: 03/06/2014 11:00

Sample wt/vol: 6.892(g) Date Analyzed: 03/13/2014 17:03

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.4 Level: (low/med) Medium

Analysis Batch No.: 212315 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	8.1	U	84	8.1
74-83-9	Bromomethane	15	U	84	15
75-01-4	Vinyl chloride	12	U	84	12
75-00-3	Chloroethane	14	U	84	14
75-09-2	Methylene Chloride	15	U	84	15
67-64-1	Acetone	220	U	420	220
75-15-0	Carbon disulfide	160		84	11
75-69-4	Trichlorofluoromethane	12	U	84	12
75-35-4	1,1-Dichloroethene	7.4	U	84	7.4
75-34-3	1,1-Dichloroethane	11	U	84	11
156-60-5	trans-1,2-Dichloroethene	11	U	84	11
156-59-2	cis-1,2-Dichloroethene	15	U	84	15
67-66-3	Chloroform	6.6	U	84	6.6
78-93-3	2-Butanone	190	U	420	190
107-06-2	1,2-Dichloroethane	16	U	84	16
71-55-6	1,1,1-Trichloroethane	5.2	U	84	5.2
56-23-5	Carbon tetrachloride	4.8	U	84	4.8
71-43-2	Benzene	6.9	U	84	6.9
75-25-2	Bromoform	16	U	84	16
100-42-5	Styrene	9.9	U	84	9.9
100-41-4	Ethylbenzene	8.0	U	84	8.0
108-90-7	Chlorobenzene	9.2	U	84	9.2
110-82-7	Cyclohexane	13	U	84	13
98-82-8	Isopropylbenzene	190		84	6.4
591-78-6	2-Hexanone	42	U *	420	42
1634-04-4	MTBE	12	U	84	12
76-13-1	Freon TF	6.9	U	84	6.9
79-20-9	Methyl acetate	28	U	420	28
123-91-1	1,4-Dioxane	3000	U	4200	3000
79-01-6	Trichloroethene	7.7	U	84	7.7
108-88-3	Toluene	13	U	84	13
10061-02-6	trans-1,3-Dichloropropene	20	U	84	20
108-10-1	4-Methyl-2-pentanone	83	U	420	83
10061-01-5	cis-1,3-Dichloropropene	15	U	84	15
95-50-1	1,2-Dichlorobenzene	200		84	17
541-73-1	1,3-Dichlorobenzene	460		84	11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-SI | Lab Sample ID: 460-72174-12

Matrix: Solid | Lab File ID: J09953.D

Analysis Method: 8260B | Date Collected: 03/06/2014 11:00

Sample wt/vol: 6.892(g) | Date Analyzed: 03/13/2014 17:03

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.4 | Level: (low/med) Medium

Analysis Batch No.: 212315 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2700		84	19
120-82-1	1,2,4-Trichlorobenzene	650		84	29
87-61-6	1,2,3-Trichlorobenzene	1500		84	43
78-87-5	1,2-Dichloropropane	7.2	U	84	7.2
108-87-2	Methylcyclohexane	360		84	11
127-18-4	Tetrachloroethene	8.1	U	84	8.1
1330-20-7	Xylenes, Total	710		170	30
96-12-8	1,2-Dibromo-3-Chloropropane	34	U	84	34
79-34-5	1,1,2,2-Tetrachloroethane	13	U	84	13
79-00-5	1,1,2-Trichloroethane	16	U	84	16
124-48-1	Dibromochloromethane	17	U	84	17
106-93-4	1,2-Dibromoethane	23	U	84	23
75-71-8	Dichlorodifluoromethane	18	U	84	18
74-97-5	Bromochloromethane	23	U	84	23
75-27-4	Bromodichloromethane	10	U	84	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	81		75-135
2037-26-5	Toluene-d8 (Surr)	81		59-150
460-00-4	Bromofluorobenzene	80		72-133
1868-53-7	Dibromofluoromethane (Surr)	75		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-SI Lab Sample ID: 460-72174-12

Matrix: Solid Lab File ID: J09953.D

Analysis Method: 8260B Date Collected: 03/06/2014 11:00

Sample wt/vol: 6.892(g) Date Analyzed: 03/13/2014 17:03

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.4 Level: (low/med) Medium

Analysis Batch No.: 212315 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 47000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.16	3500	J N
874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	11.48	6000	J N
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	11.52	3800	J N
64666-42-8	1-methyl-1-indanol	11.71	3500	J N
1075-76-9	Propanenitrile, 3-(phenylamino)-	11.80	4300	J N
934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	11.92	8100	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	12.13	4500	J N
4810-04-2	Benzene, 1,3,5-trimethyl-2-propyl-	12.68	3900	J N
25419-33-4	Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	12.97	4400	J N
13065-07-1	Naphthalene, 1,2,3,4-tetrahydro-2,7-dime	13.10	5000	J N

Report Date: 14-Mar-2014 15:35:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09953.D
Lims ID: 460-72174-A-12-A Lab Sample ID: 460-72174-12
Client ID: PMP-5SW-SI
Sample Type: Client
Inject. Date: 13-Mar-2014 17:03:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-72174-A-12-A
Misc. Info.: 460-0010809-019
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 15:34:32 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: boykink Date: 14-Mar-2014 04:40:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
21 Carbon disulfide	76	2.915	2.922	-0.007	99	20889	1.96	
* 151 TBA-d9 (IS)	65	3.197	3.180	0.017	71	412818	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	4.725	4.731	-0.006	95	160474	37.6	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.083	5.084	-0.001	88	235322	40.3	
* 59 Fluorobenzene	96	5.353	5.354	-0.001	98	777001	50.0	
63 Methylcyclohexane	83	5.823	5.830	-0.007	90	20103	4.32	
* 150 1,4-Dioxane-d8	96	6.058	6.053	0.005	87	47979	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.028	7.029	-0.001	98	649877	40.3	
* 87 Chlorobenzene-d5	117	8.820	8.821	-0.001	87	657117	50.0	
91 m-Xylene & p-Xylene	106	9.114	9.114	0.0	94	24699	3.85	
92 o-Xylene	106	9.560	9.561	-0.001	81	29096	4.61	
98 Isopropylbenzene	105	9.901	9.902	-0.001	93	31904	2.29	
$ 99 4-Bromofluorobenzene	174	10.083	10.084	-0.001	85	226199	40.2	
115 1,3-Dichlorobenzene	146	10.911	10.906	0.005	57	46643	5.55	
* 116 1,4-Dichlorobenzene-d4	152	10.958	10.959	-0.001	95	399598	50.0	
117 1,4-Dichlorobenzene	146	10.976	10.977	-0.001	92	283091	32.3	
121 1,2-Dichlorobenzene	146	11.223	11.224	-0.001	76	20648	2.41	
124 1,2,4-Trichlorobenzene	180	12.192	12.193	-0.001	42	42200	7.75	
128 1,2,3-Trichlorobenzene	180	12.527	12.528	-0.001	74	88944	17.8	
S 131 Xylenes, Total	100				0		8.46	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09953.D
Lims ID: 460-72174-A-12-A Lab Sample ID: 460-72174-12
Client ID: PMP-5SW-SI
Sample Type: Client
Inject. Date: 13-Mar-2014 17:03:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-72174-A-12-A
Misc. Info.: 460-0010809-019
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 15:34:32 Calib Date: 09-Mar-2014 13:34:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 20

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: boykink Date: 14-Mar-2014 04:40:18

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-						
11.158	2230066	42.4	116	93	14406	C10H14	134	
	874-41-9	Benzene, 1-ethyl-2,4-dimethyl-						
11.475	3754413	71.3	116	55	14370	C10H14	134	
	2050-24-0	Benzene, 1,3-diethyl-5-methyl-						
11.522	2411446	45.8	116	94	21830	C11H16	148	
	64666-42-8	1-methyl-1-indanol						
11.705	2187690	41.6	116	64	21642	C10H12O	148	
	1075-76-9	Propanenitrile, 3-(phenylamino)-						
11.799	2672058	50.8	116	42	21287	C9H10N2	146	
	934-80-5	Benzene, 4-ethyl-1,2-dimethyl-						
11.916	5106703	97.0	116	93	14377	C10H14	134	
	1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-						
12.134	2853028	54.2	116	58	21844	C11H16	148	
	4810-04-2	Benzene, 1,3,5-trimethyl-2-propyl-						
12.680	2466488	46.9	116	43	30694	C12H18	162	
	25419-33-4	Naphthalene, 1,2,3,4-tetrahydro-1,8-dime						
12.968	2794045	53.1	116	76	29463	C12H16	160	
	13065-07-1	Naphthalene, 1,2,3,4-tetrahydro-2,7-dime						
13.097	3133928	59.5	116	95	29448	C12H16	160	

Report Date: 14-Mar-2014 15:35:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09953.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.958	2631758	50.0

QC Flag Legend

Processing Flags

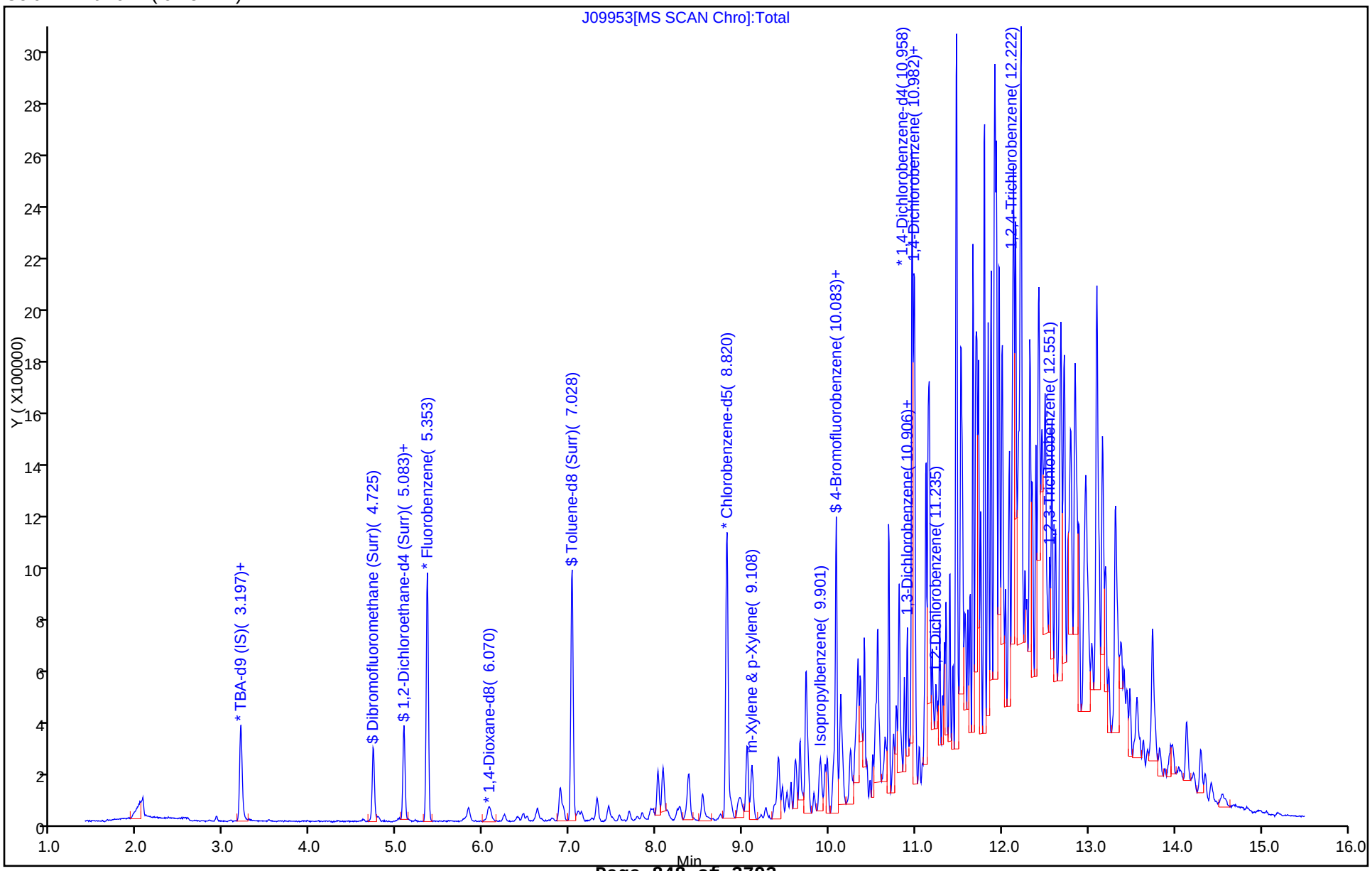
Report Date: 14-Mar-2014 15:35:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09953.D

Injection Date:	13-Mar-2014 17:03:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-72174-A-12-A	Lab Sample ID:	460-72174-12	Worklist Smp#:	19
Client ID:	PMP-5SW-SI				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	18
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



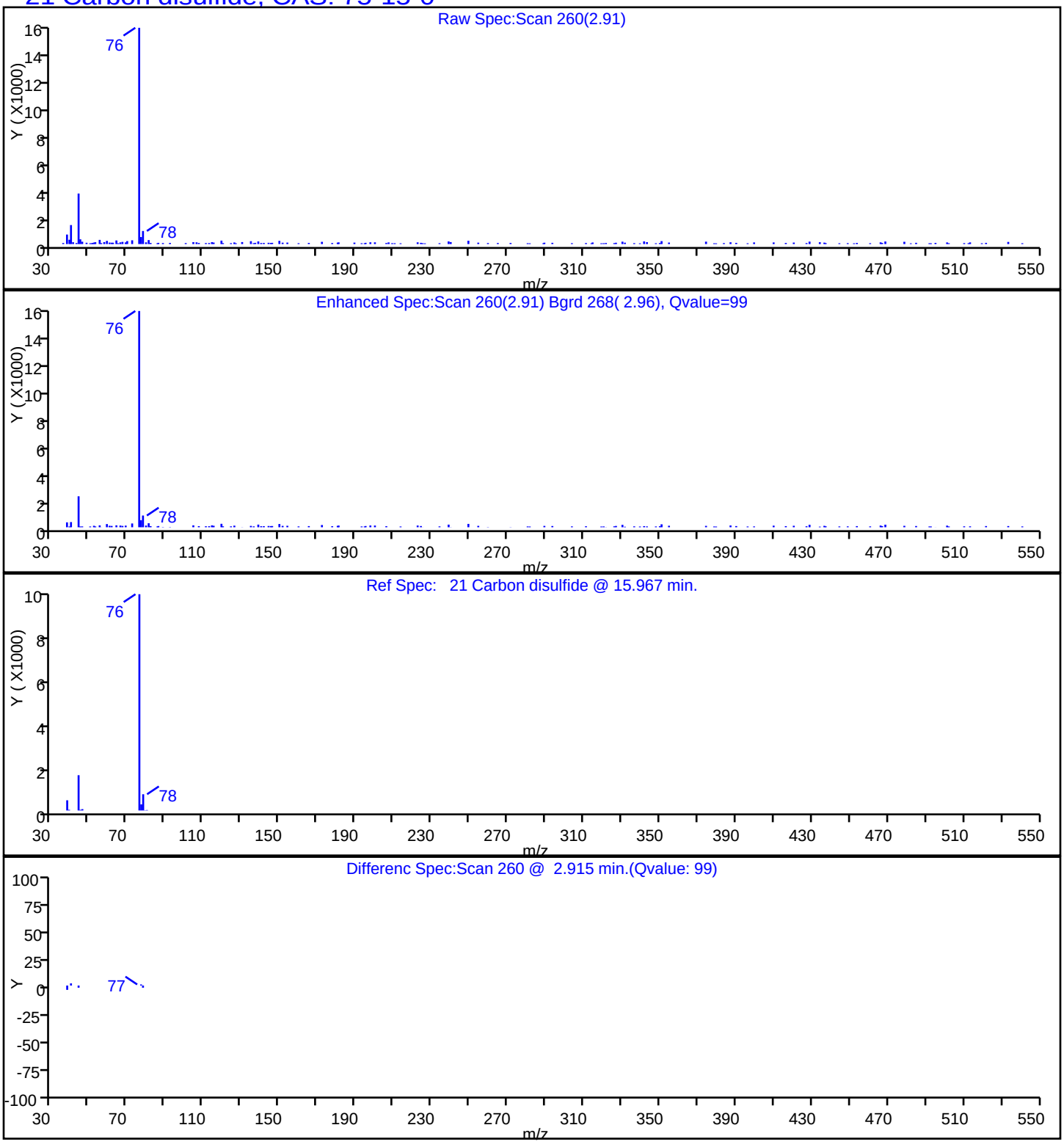
Report Date: 14-Mar-2014 15:35:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09953.D

Injection Date:	13-Mar-2014 17:03:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-12-A	Lab Sample ID:	460-72174-12		
Client ID:	PMP-5SW-SI				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

21 Carbon disulfide, CAS: 75-15-0



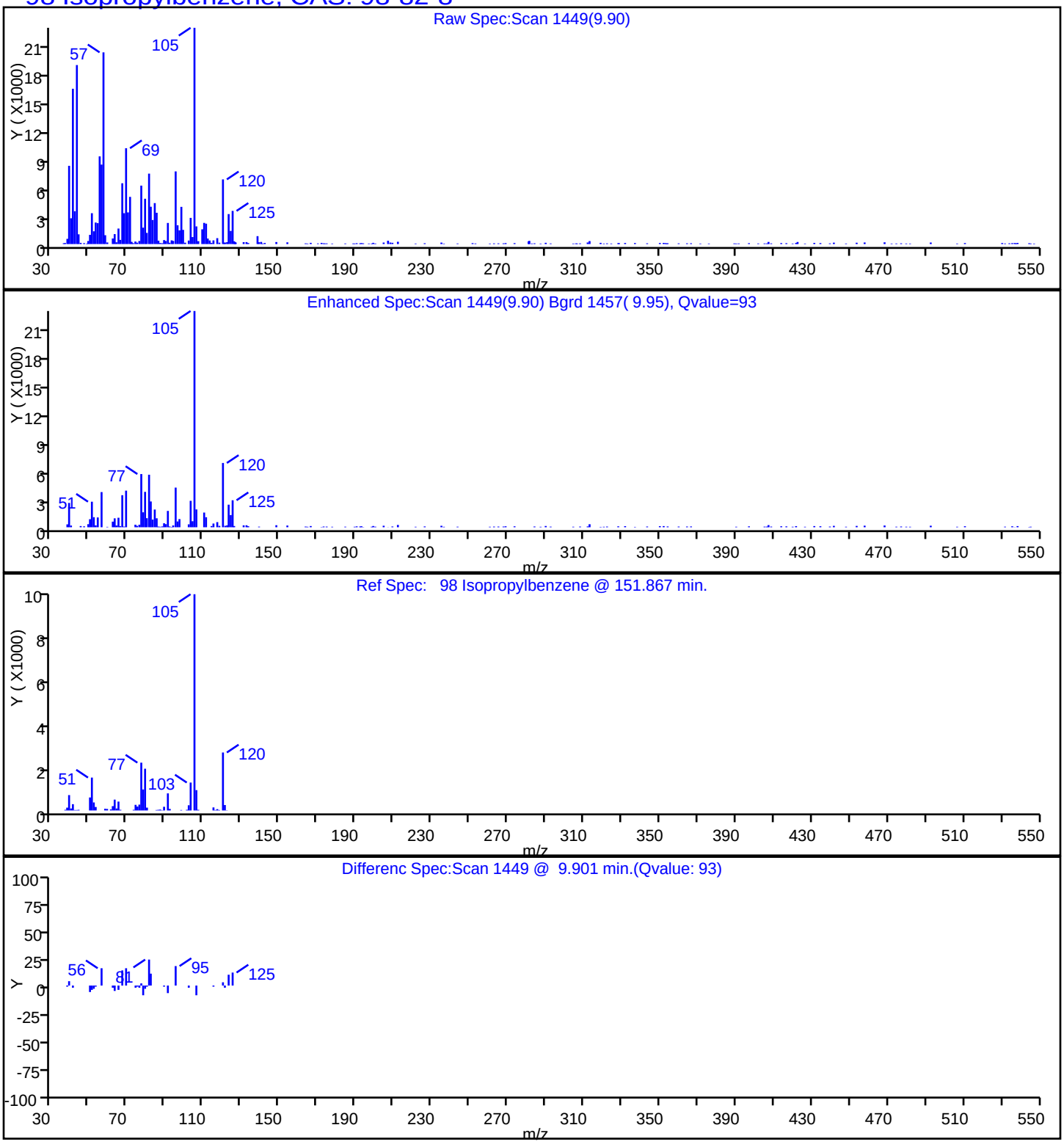
Report Date: 14-Mar-2014 15:35:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09953.D

Injection Date:	13-Mar-2014 17:03:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-12-A	Lab Sample ID:	460-72174-12		
Client ID:	PMP-5SW-SI				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

98 Isopropylbenzene, CAS: 98-82-8



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TestAmerica Edison

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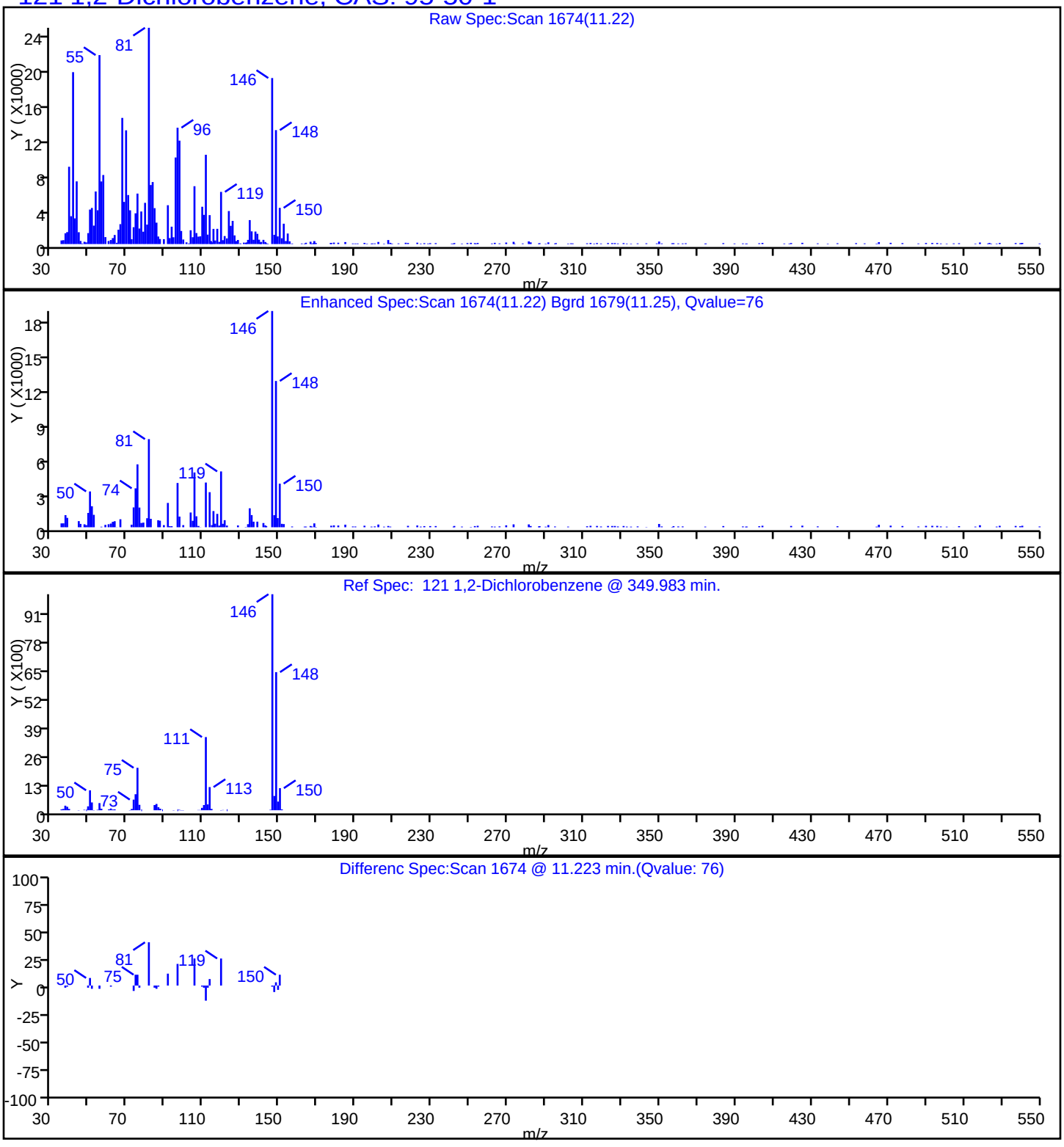
Injection Date:	13-Mar-2014 17:03:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-12-A	Lab Sample ID:	460-72174-12		
Client ID:	PMP-5SW-SI				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

121 1,2-Dichlorobenzene, CAS: 95-50-1



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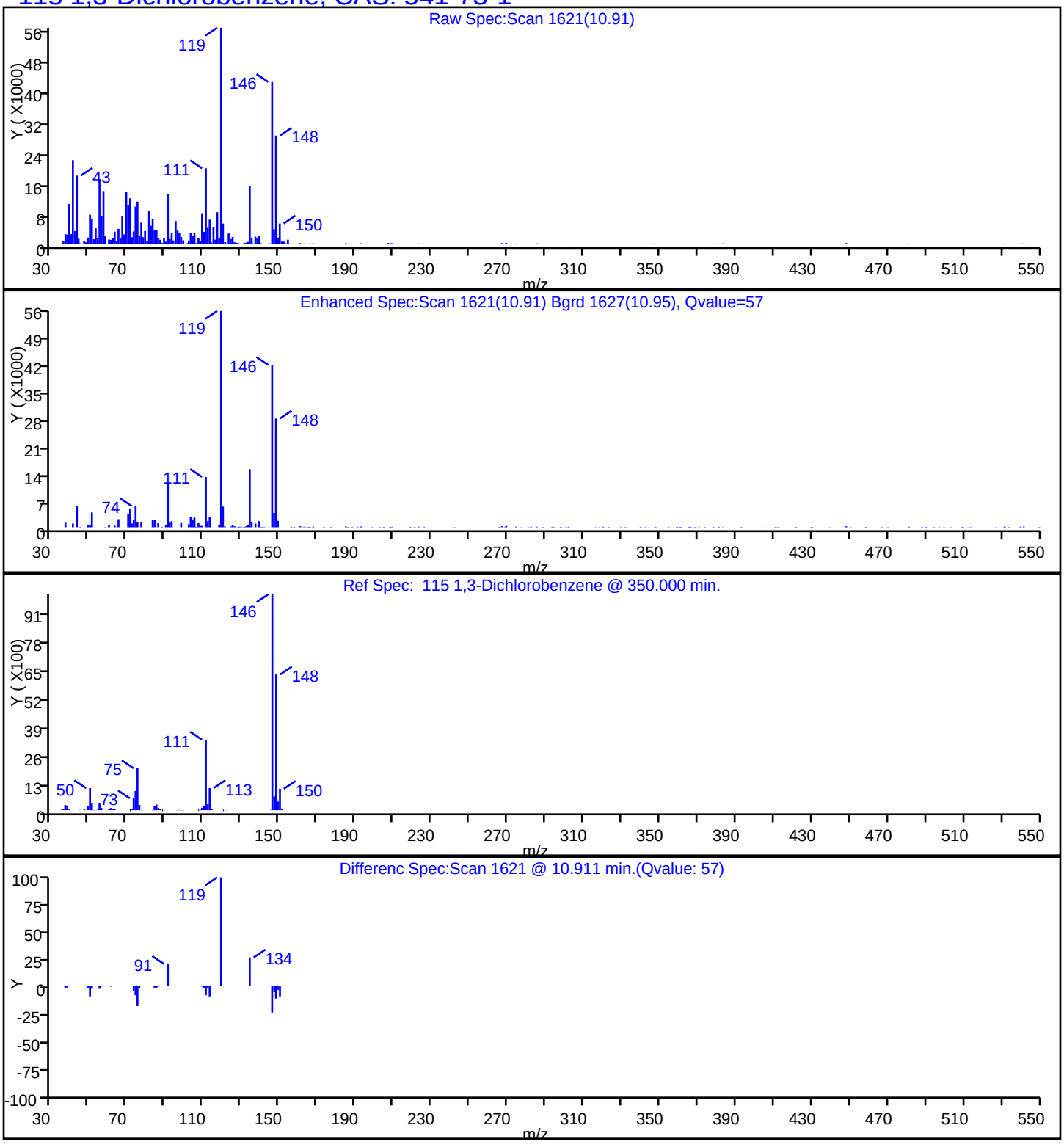
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09953.D

Injection Date:	13-Mar-2014 17:03:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-12-A	Lab Sample ID:	460-72174-12		
Client ID:	PMP-5SW-SI				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

115 1,3-Dichlorobenzene, CAS: 541-73-1



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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09953.D

Injection Date: 13-Mar-2014 17:03:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

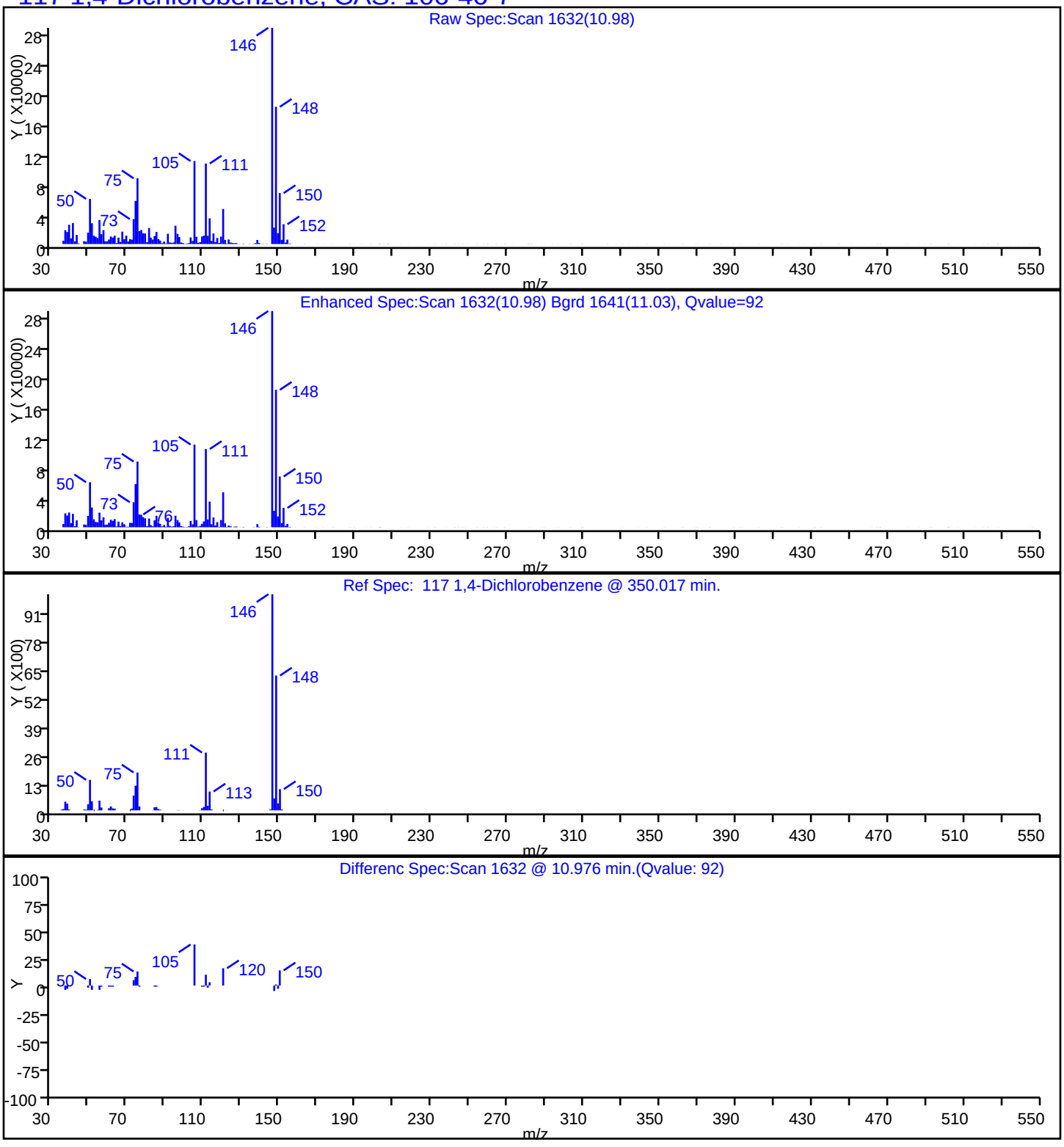
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7



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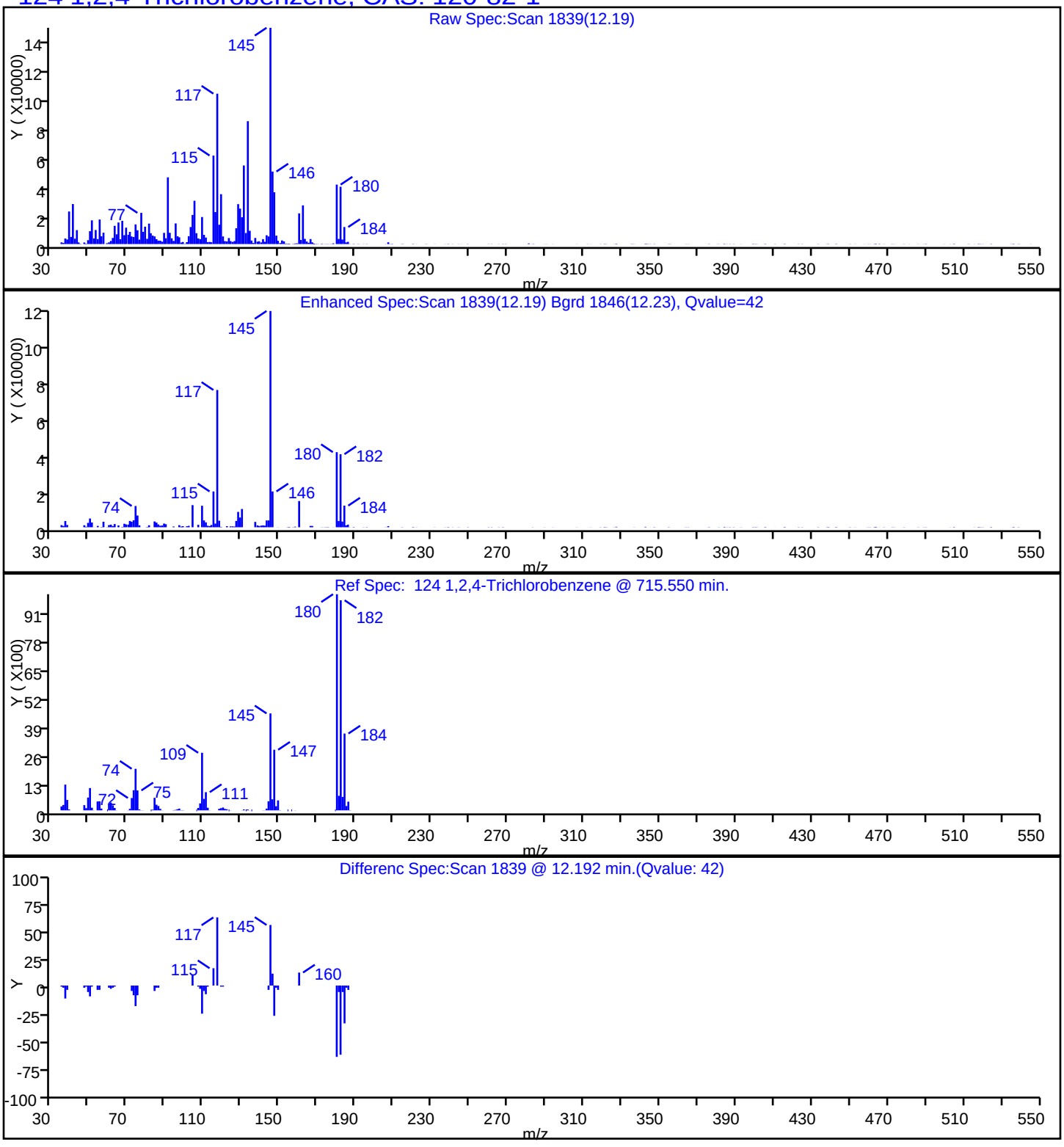
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09953.D

Injection Date:	13-Mar-2014 17:03:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-12-A	Lab Sample ID:	460-72174-12		
Client ID:	PMP-5SW-SI				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



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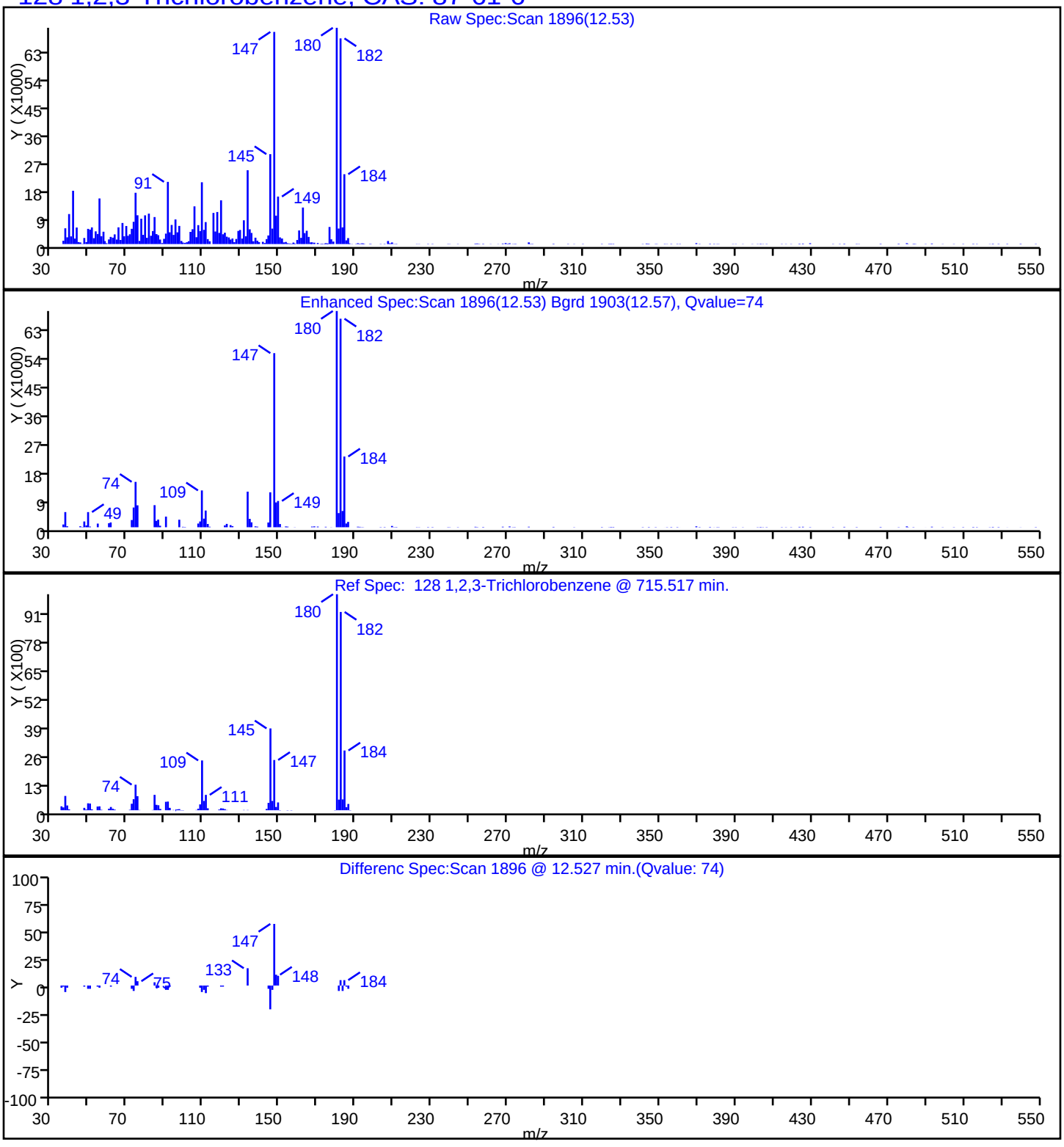
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09953.D

Injection Date:	13-Mar-2014 17:03:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-12-A	Lab Sample ID:	460-72174-12		
Client ID:	PMP-5SW-SI				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



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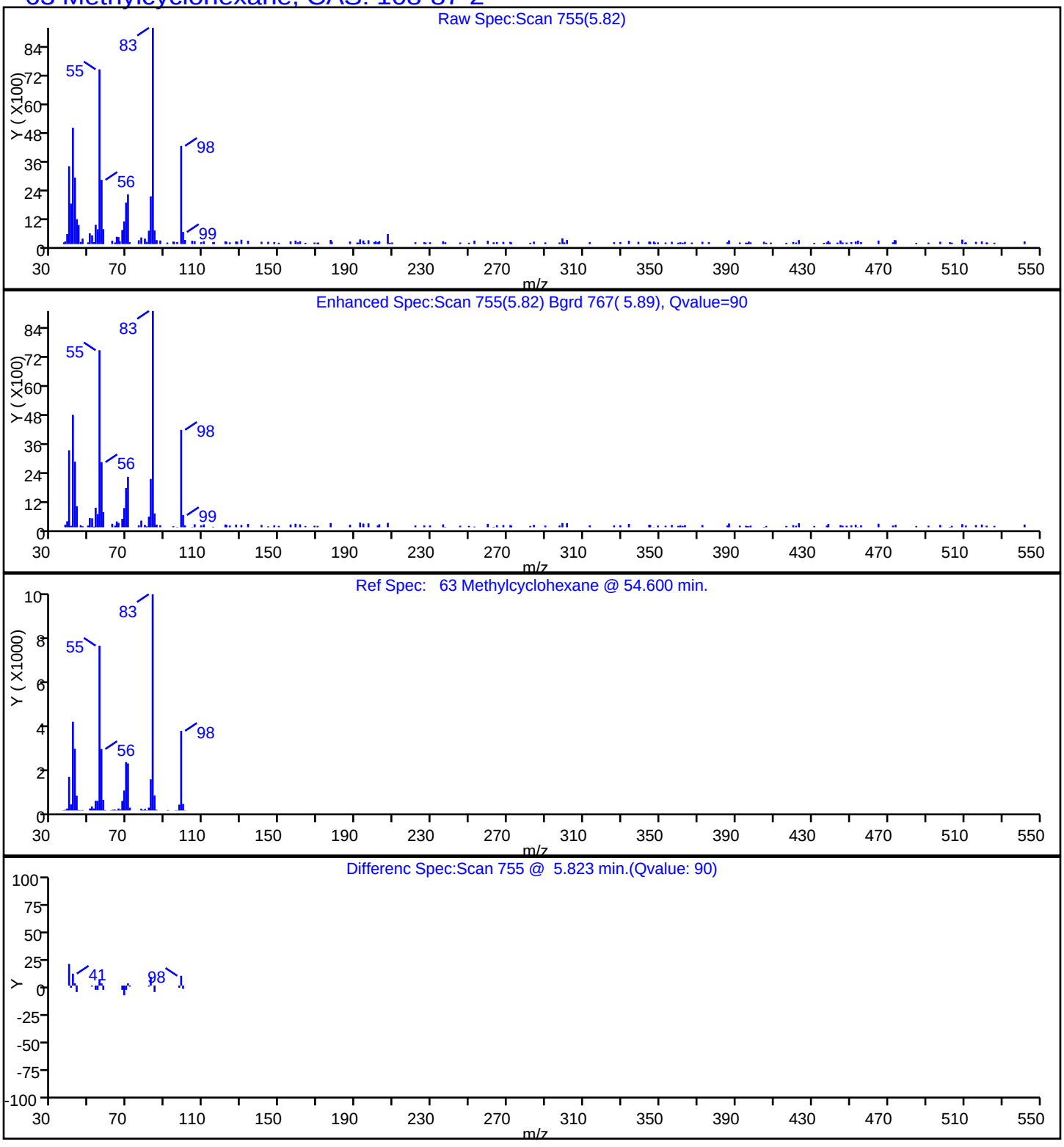
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09953.D

Injection Date:	13-Mar-2014 17:03:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-12-A	Lab Sample ID:	460-72174-12		
Client ID:	PMP-5SW-SI				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

63 Methylcyclohexane, CAS: 108-87-2



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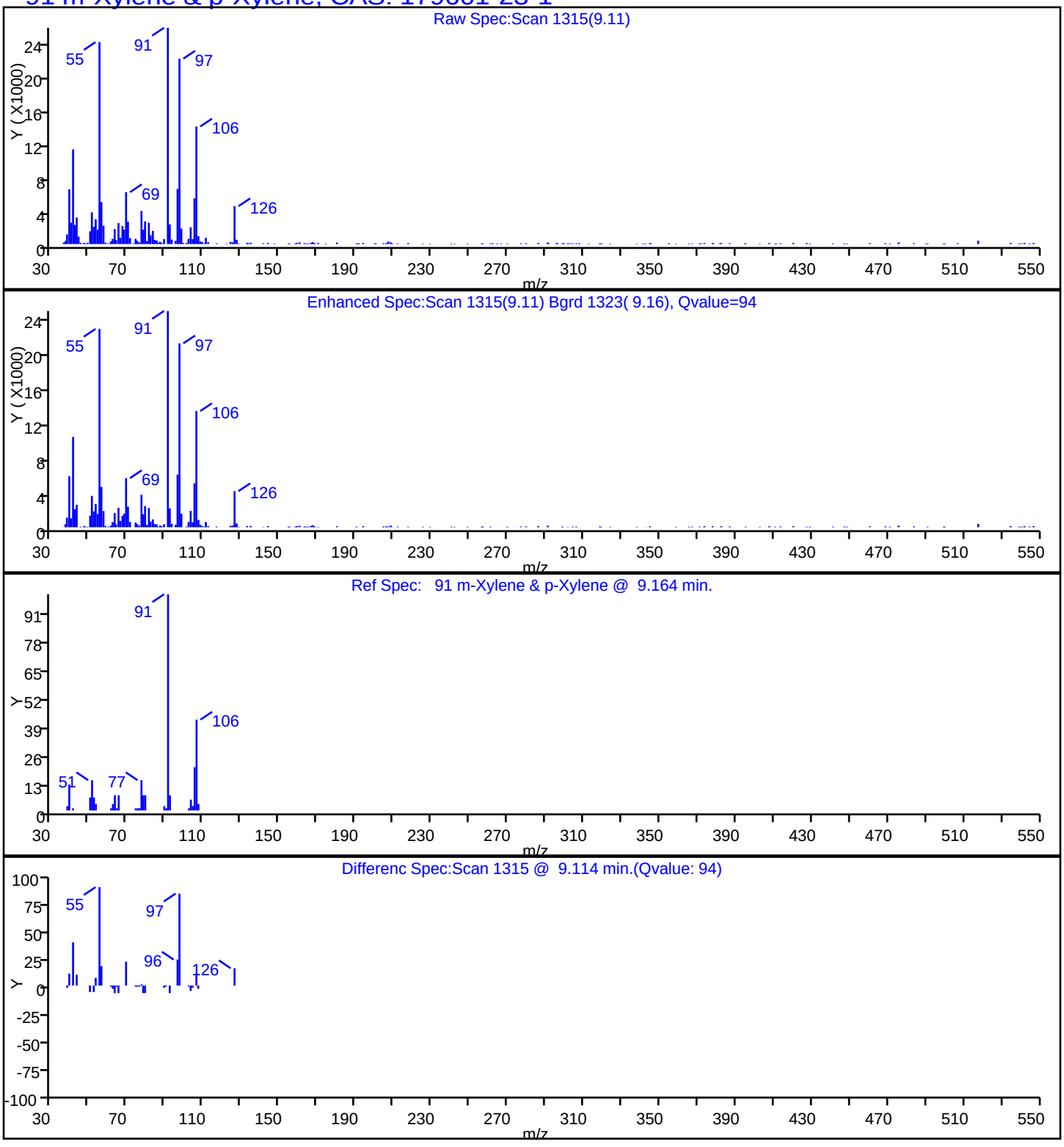
Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09953.D

Injection Date:	13-Mar-2014 17:03:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-12-A	Lab Sample ID:	460-72174-12		
Client ID:	PMP-5SW-SI				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

91 m-Xylene & p-Xylene, CAS: 179601-23-1



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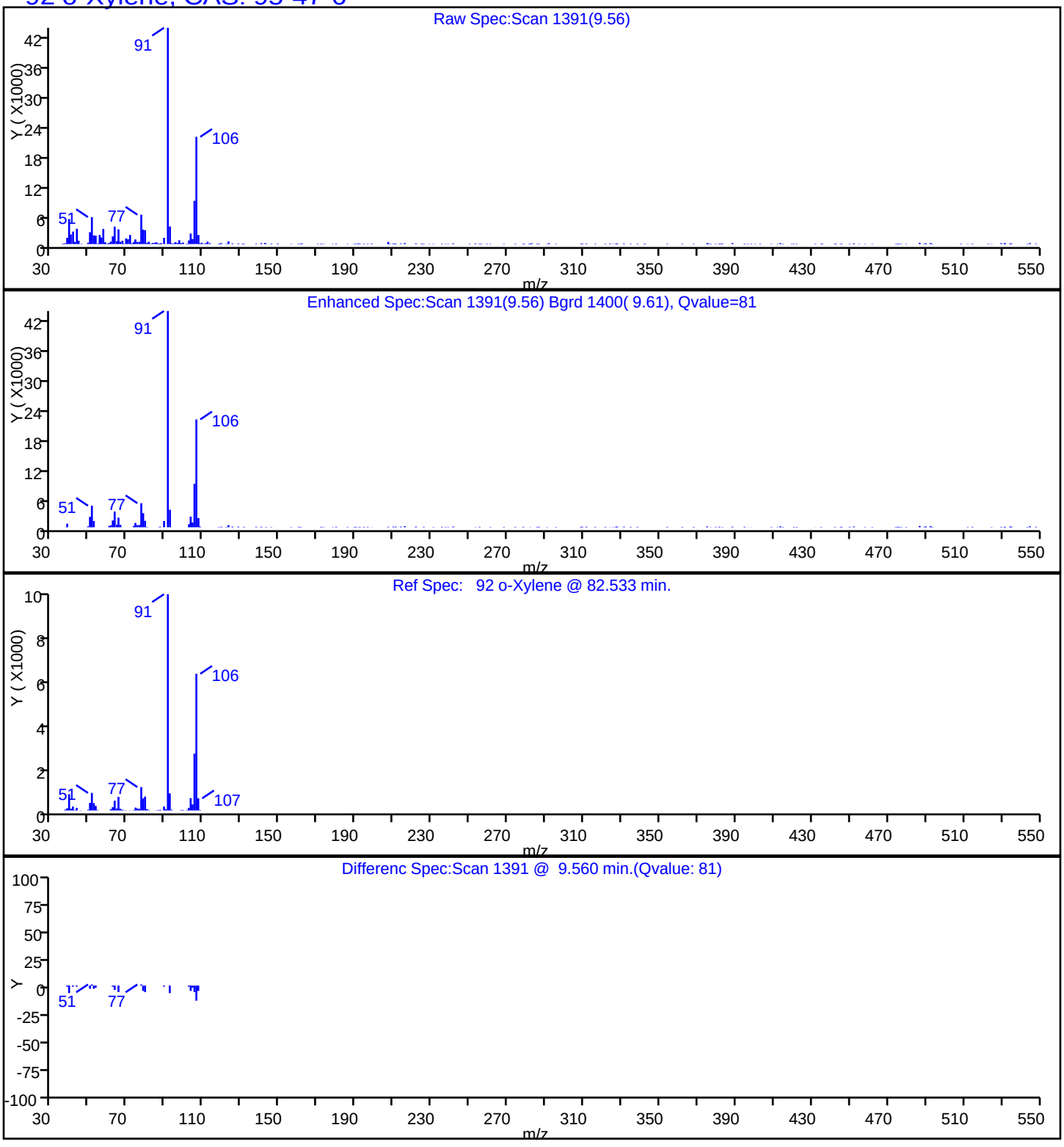
Injection Date:	13-Mar-2014 17:03:30	Instrument ID:	CVOAMS8
Lims ID:	460-72174-A-12-A	Lab Sample ID:	460-72174-12
Client ID:	PMP-5SW-SI		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

92 o-Xylene, CAS: 95-47-6



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Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09953.D

Injection Date: 13-Mar-2014 17:03:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

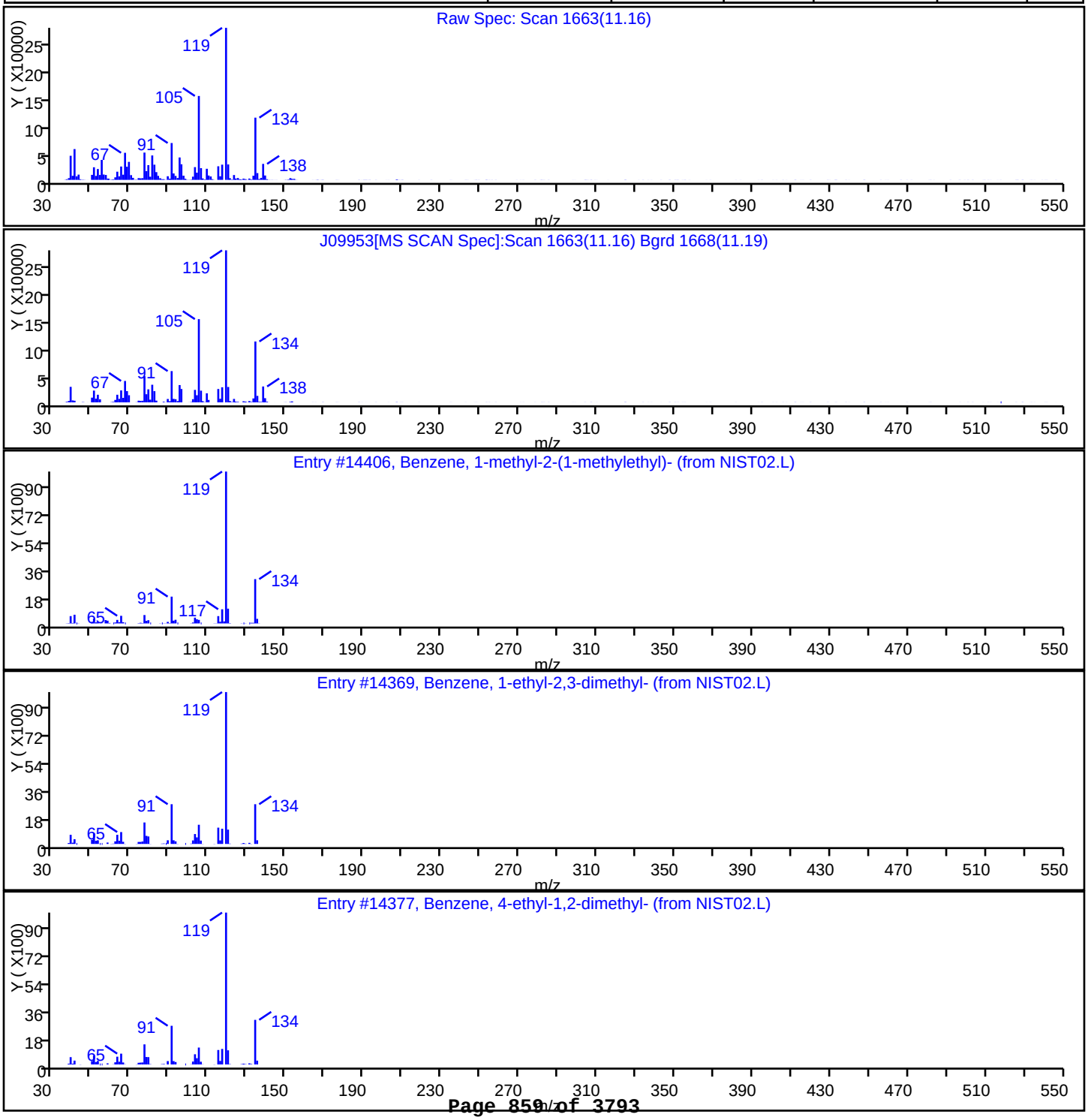
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14406	C10H14	134	93
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.L	14369	C10H14	134	93
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.L	14377	C10H14	134	93



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Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09953.D

Injection Date: 13-Mar-2014 17:03:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

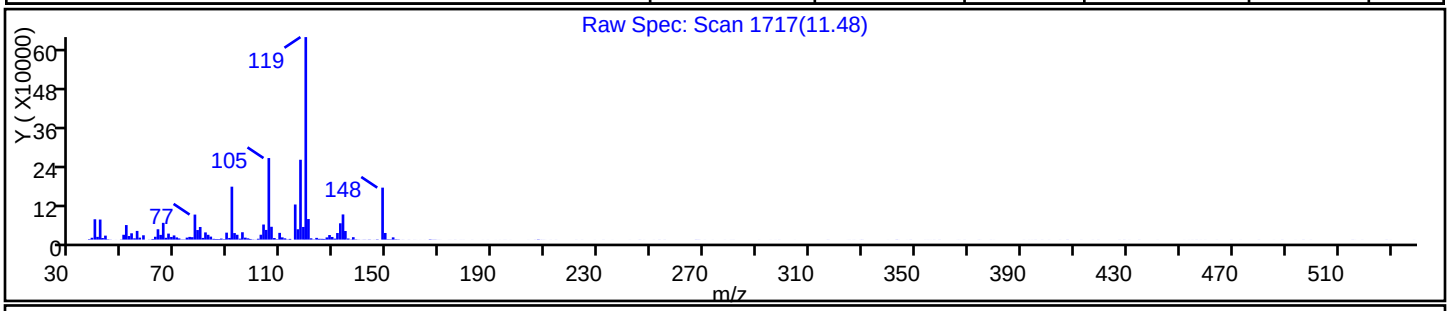
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19

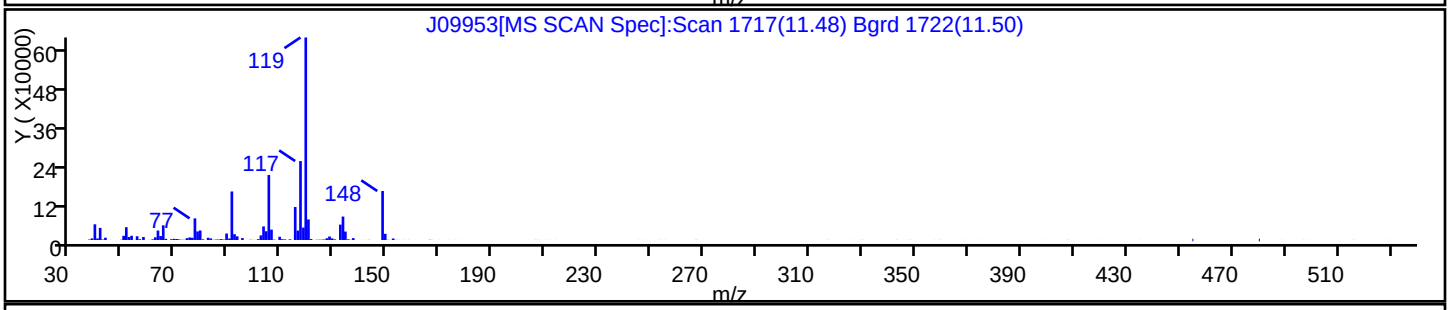
Purge Vol: 5.000 mL Dil. Factor: 50.0000

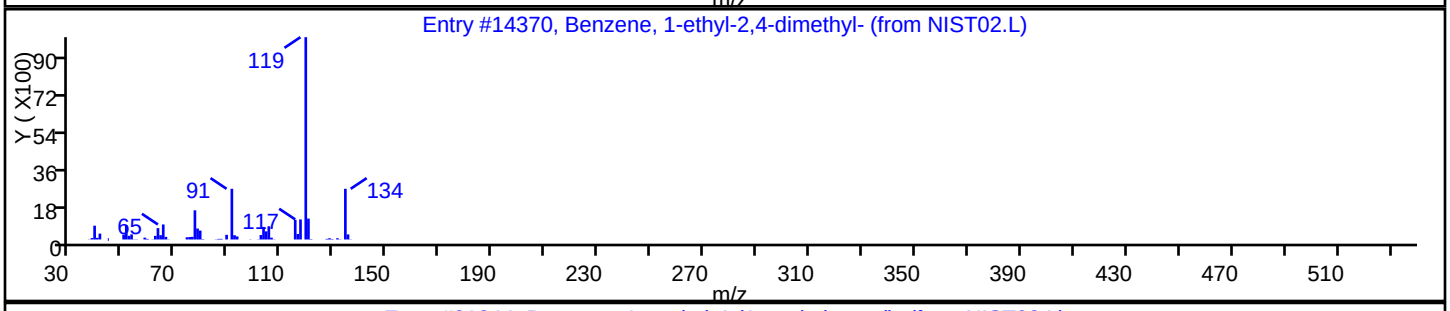
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

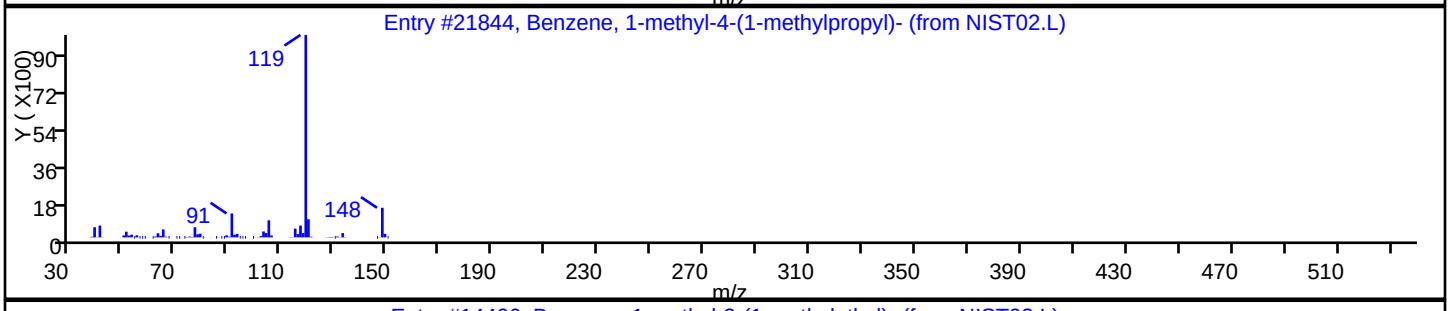
Column: Detector MS SCAN

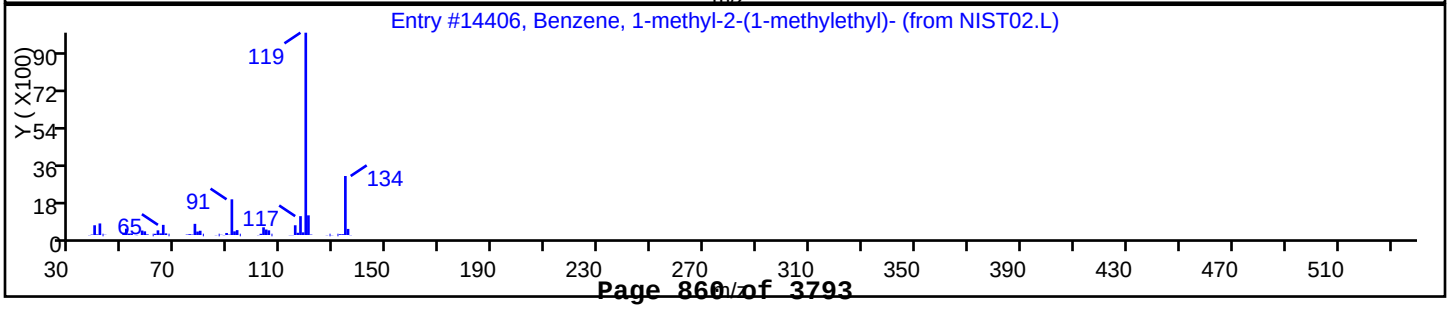
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.L	14370	C10H14	134	55
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	C11H16	148	52
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14406	C10H14	134	50











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Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09953.D

Injection Date: 13-Mar-2014 17:03:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

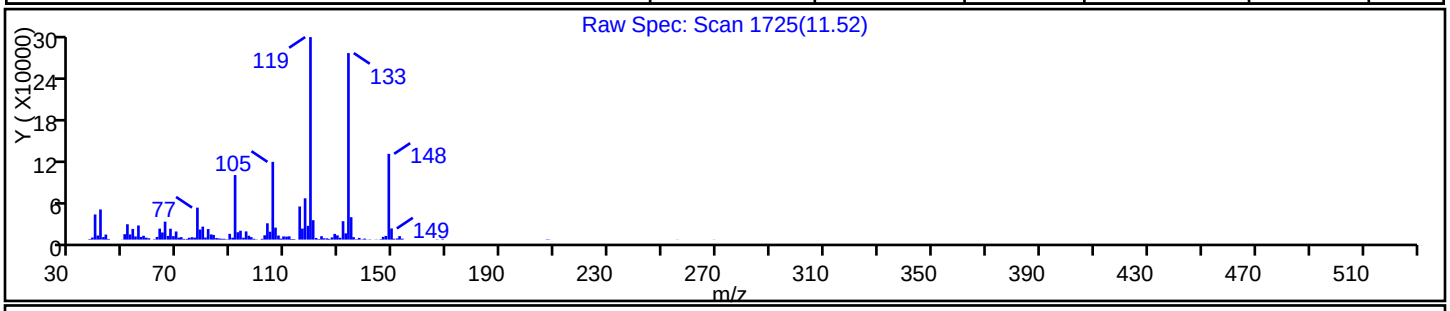
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19

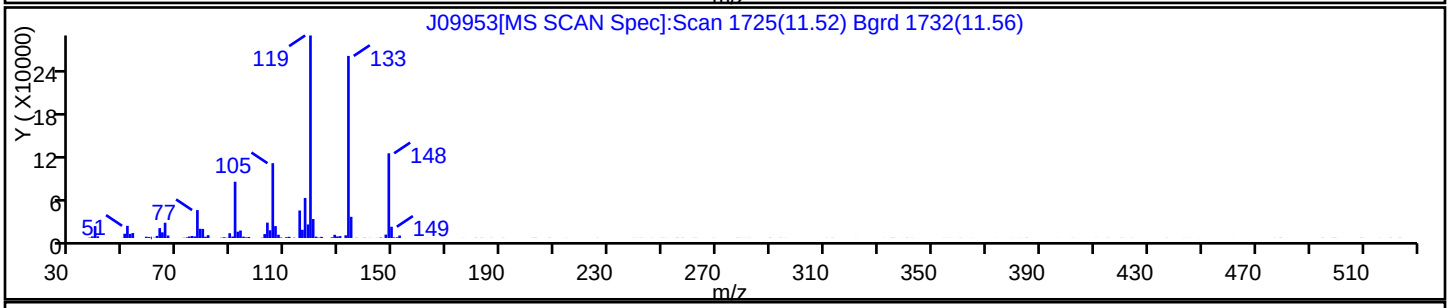
Purge Vol: 5.000 mL Dil. Factor: 50.0000

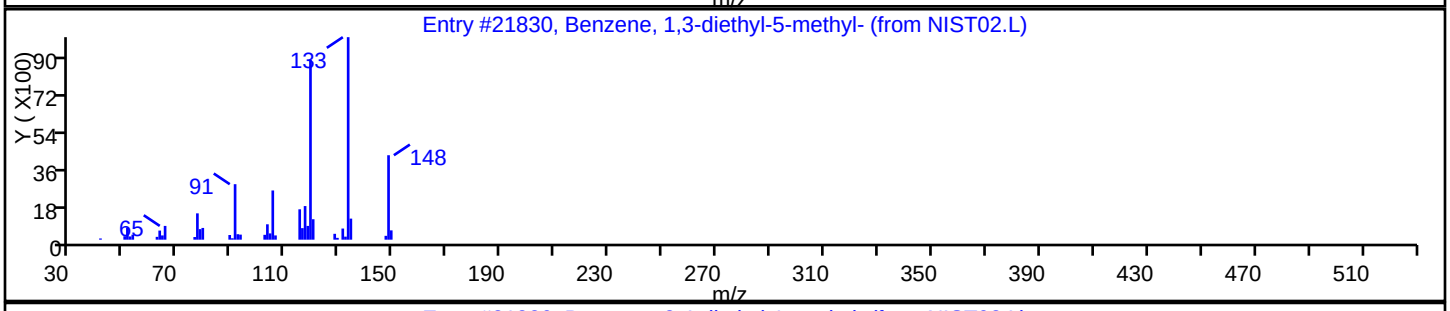
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

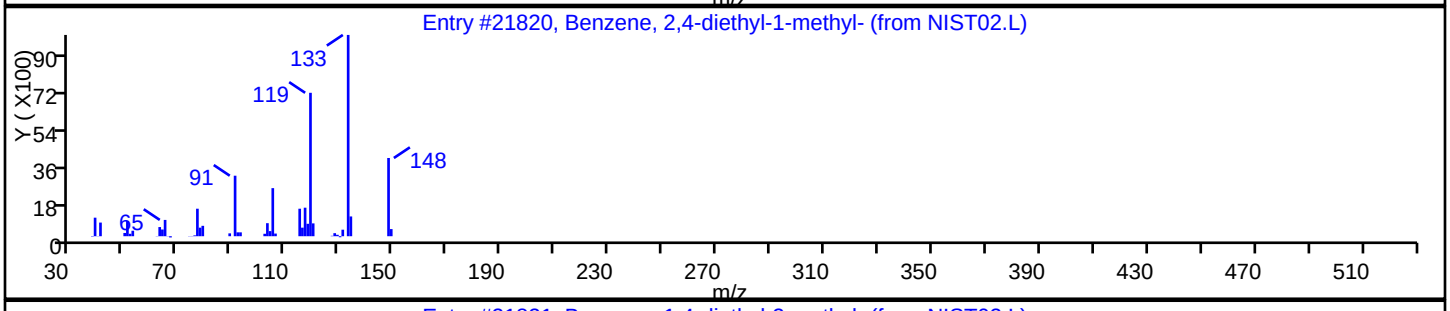
Column: Detector MS SCAN

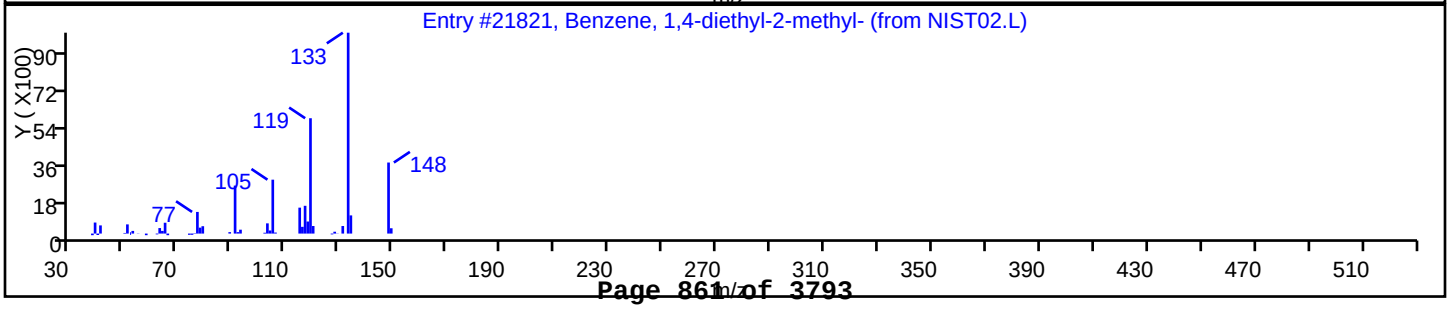
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.L	21830	C11H16	148	94
Benzene, 2,4-diethyl-1-methyl-	1758-85-6	NIST02.L	21820	C11H16	148	90
Benzene, 1,4-diethyl-2-methyl-	13632-94-5	NIST02.L	21821	C11H16	148	81











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Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09953.D

Injection Date: 13-Mar-2014 17:03:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

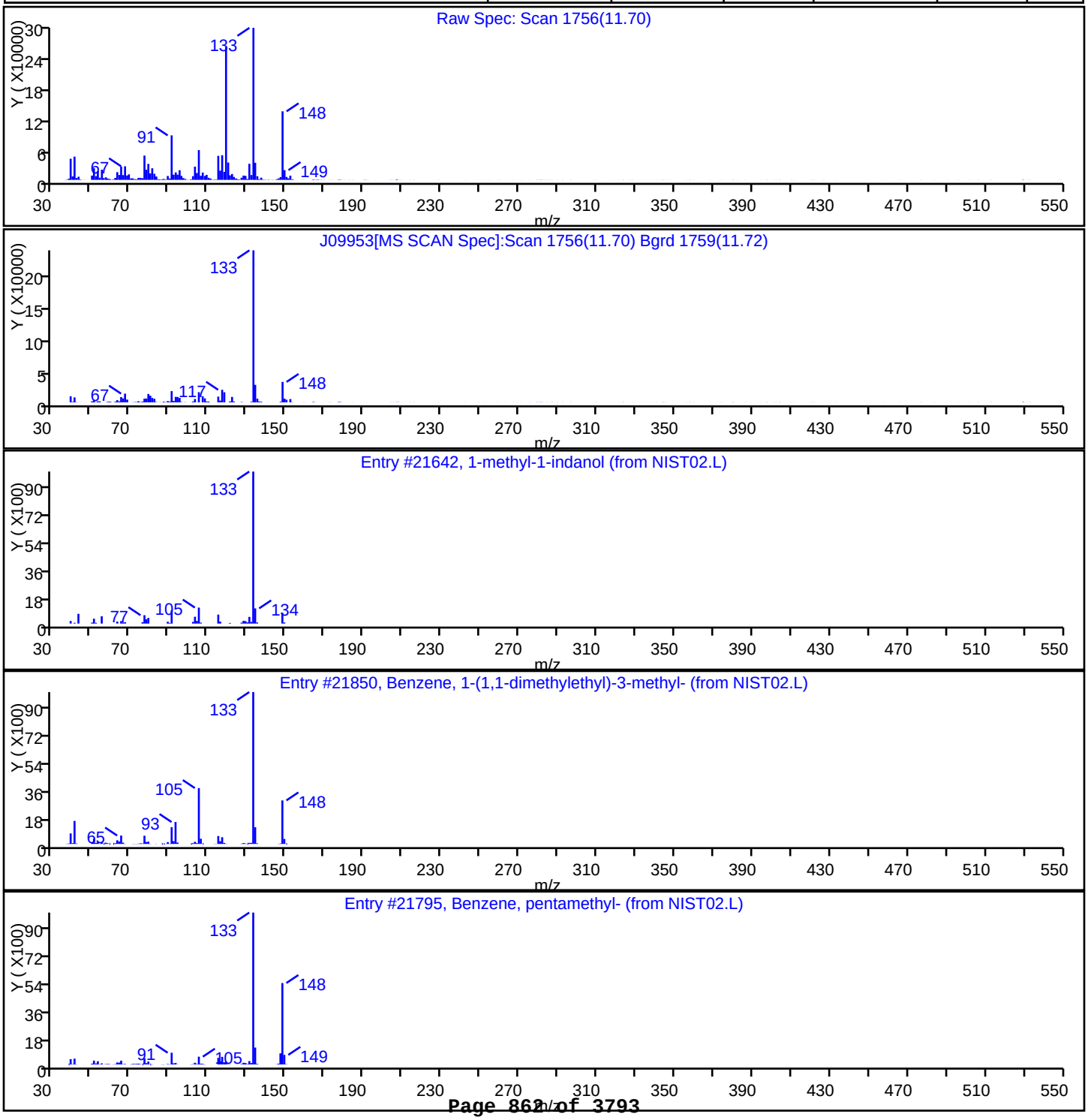
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-methyl-1-indanol	64666-42-8	NIST02.L	21642	C10H12O	148	64
Benzene, 1-(1,1-dimethylethyl)-3-methyl-	1075-38-3	NIST02.L	21850	C11H16	148	64
Benzene, pentamethyl-	700-12-9	NIST02.L	21795	C11H16	148	64



Report Date: 14-Mar-2014 15:35:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09953.D

Injection Date: 13-Mar-2014 17:03:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

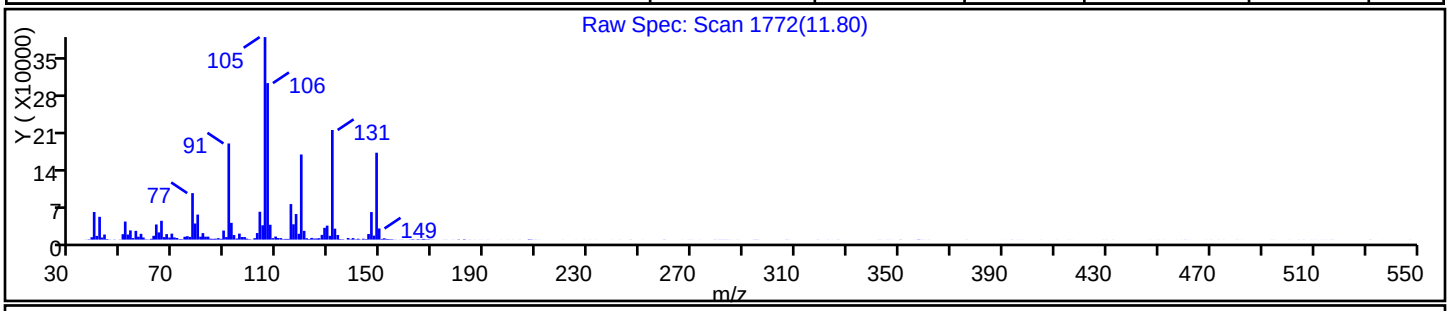
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19

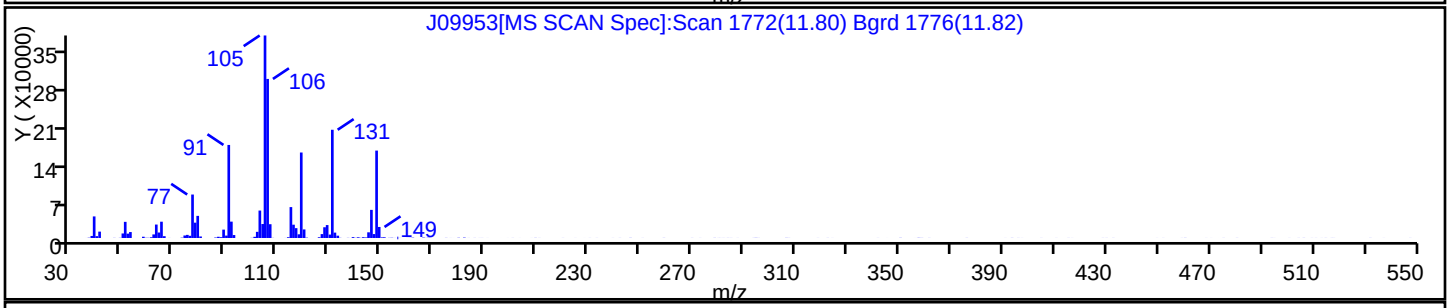
Purge Vol: 5.000 mL Dil. Factor: 50.0000

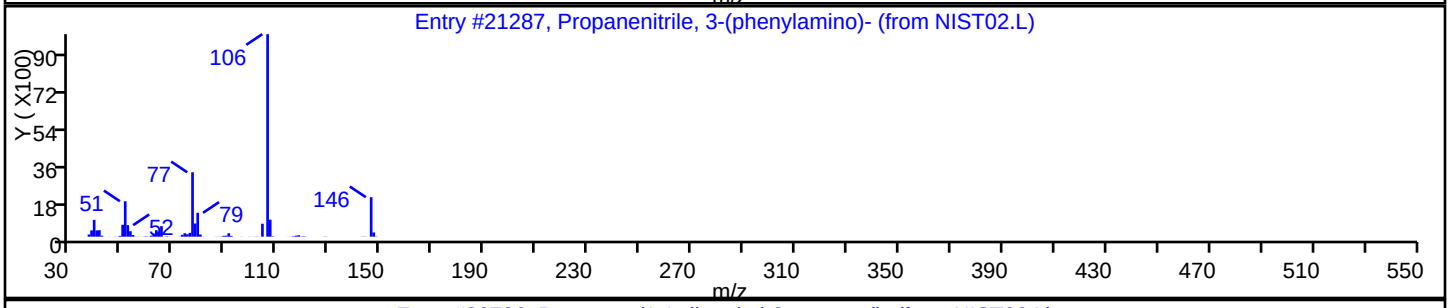
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

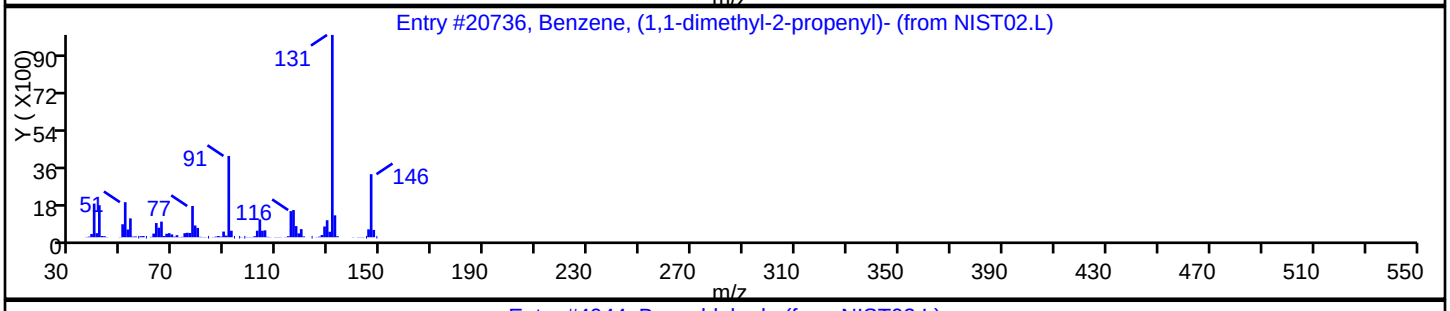
Column: Detector MS SCAN

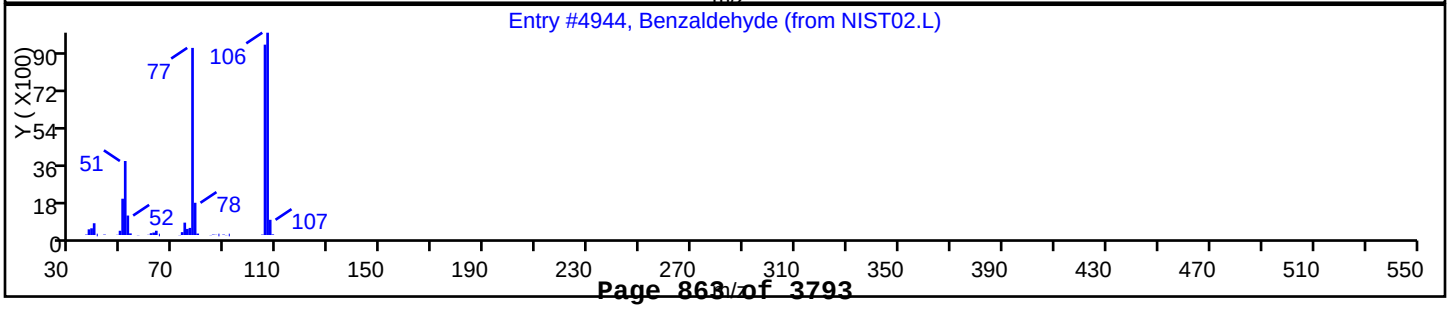
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Propanenitrile, 3-(phenylamino)-	1075-76-9	NIST02.L	21287	C9H10N2	146	42
Benzene, (1,1-dimethyl-2-propenyl)-	18321-36-3	NIST02.L	20736	C11H14	146	35
Benzaldehyde	100-52-7	NIST02.L	4944	C7H6O	106	35











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Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09953.D

Injection Date: 13-Mar-2014 17:03:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

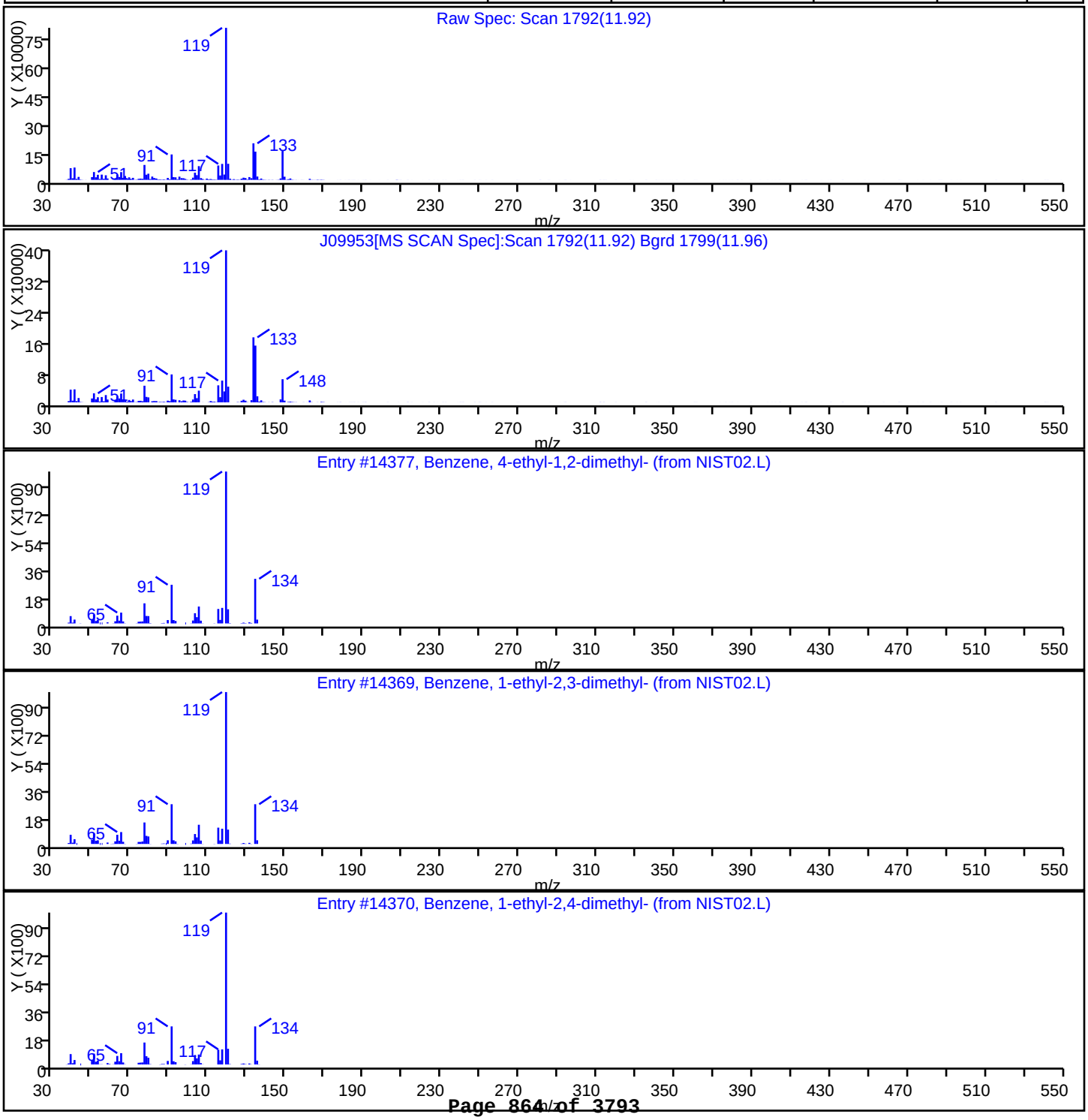
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.L	14377	C10H14	134	93
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.L	14369	C10H14	134	93
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.L	14370	C10H14	134	86



Report Date: 14-Mar-2014 15:35:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09953.D

Injection Date: 13-Mar-2014 17:03:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

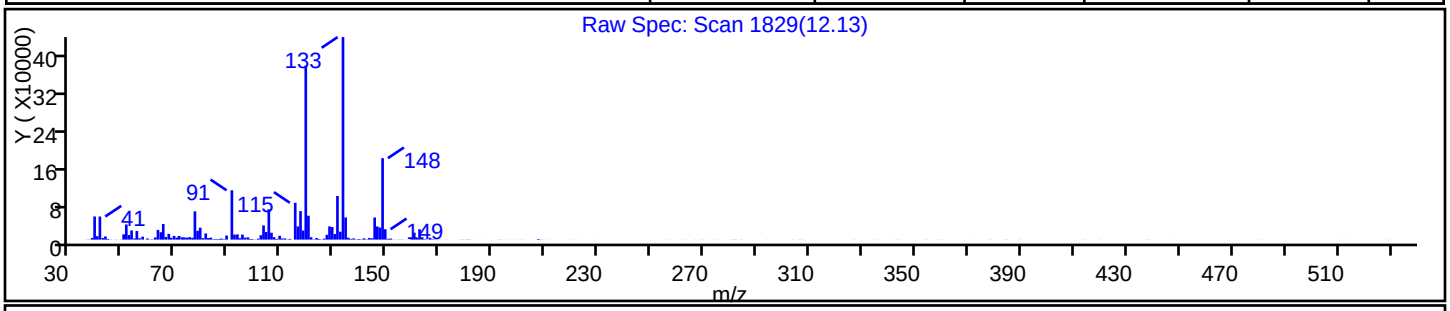
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19

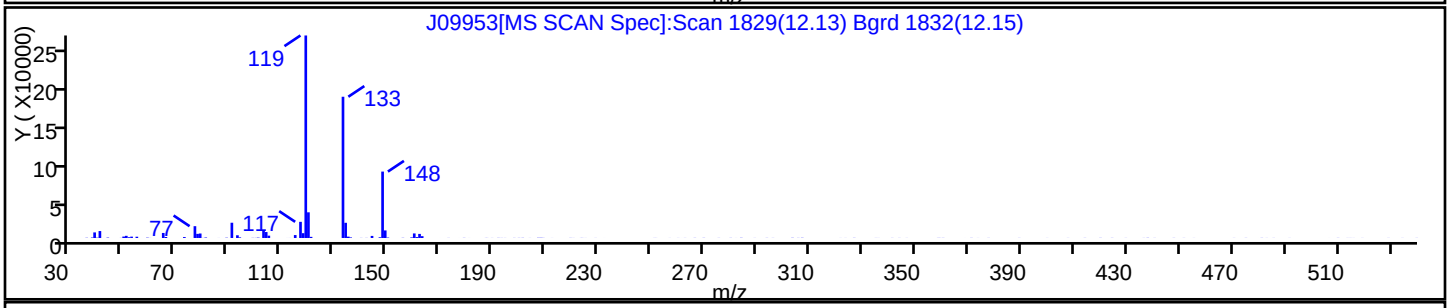
Purge Vol: 5.000 mL Dil. Factor: 50.0000

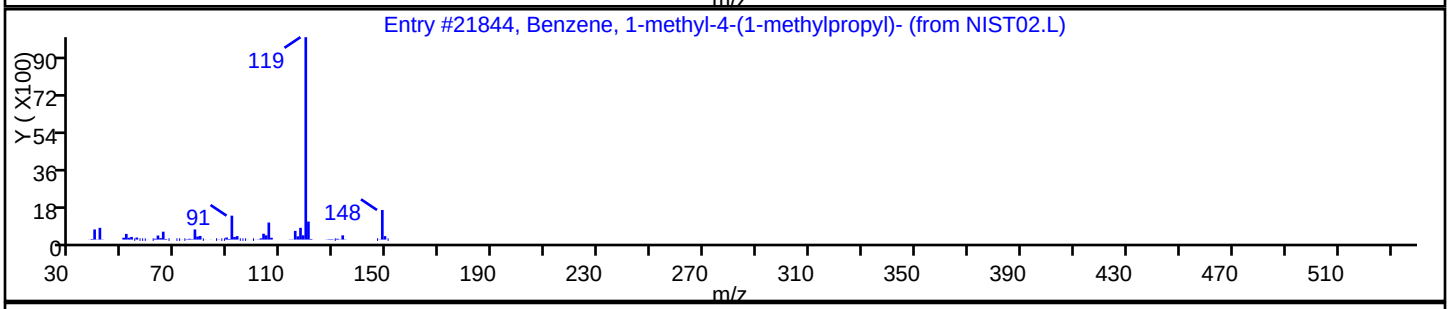
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

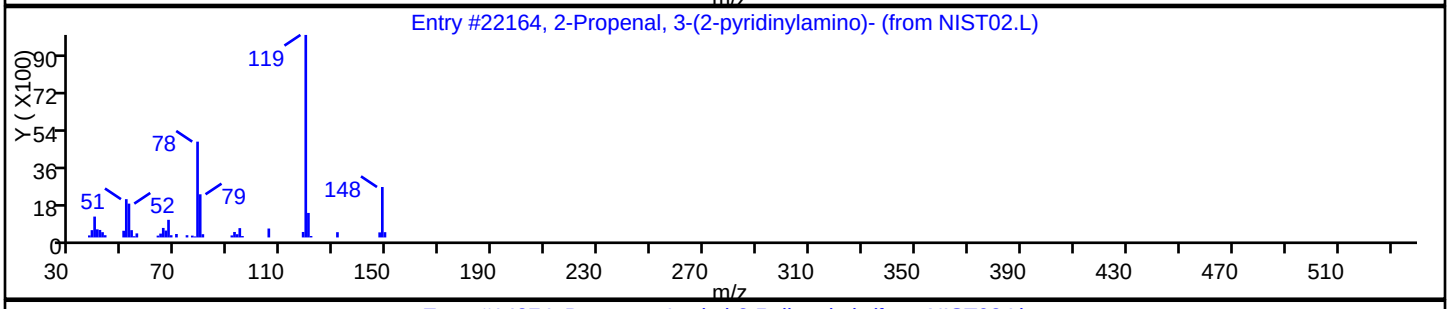
Column: Detector MS SCAN

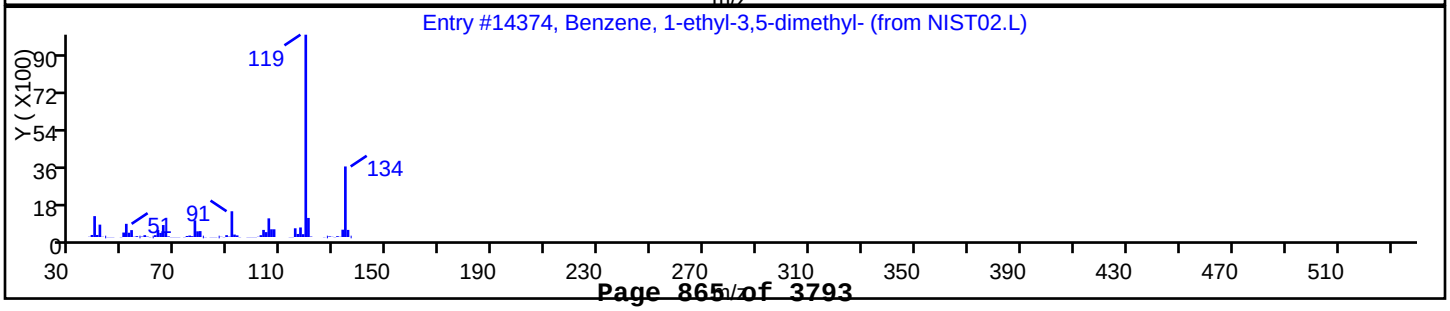
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	C11H16	148	58
2-Propenal, 3-(2-pyridinylamino)-	68970-82-1	NIST02.L	22164	C8H8N2O	148	50
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.L	14374	C10H14	134	49











Report Date: 14-Mar-2014 15:35:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09953.D

Injection Date: 13-Mar-2014 17:03:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

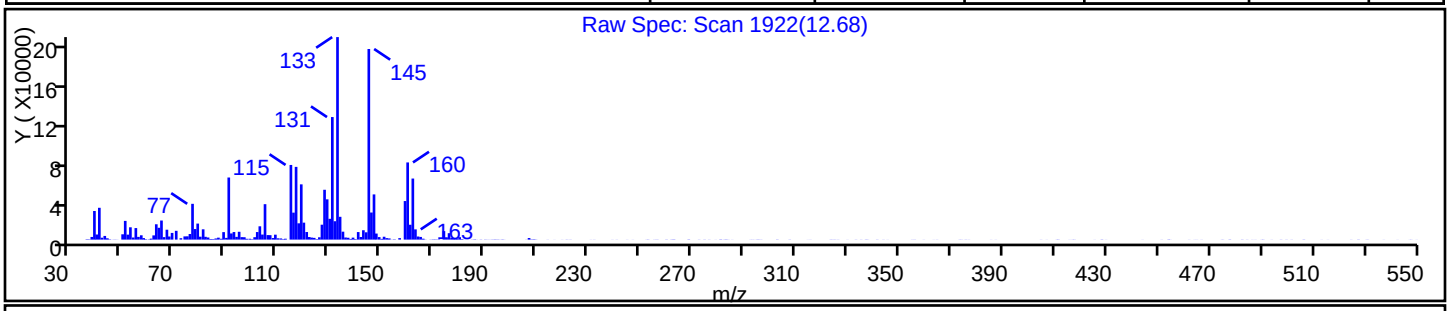
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19

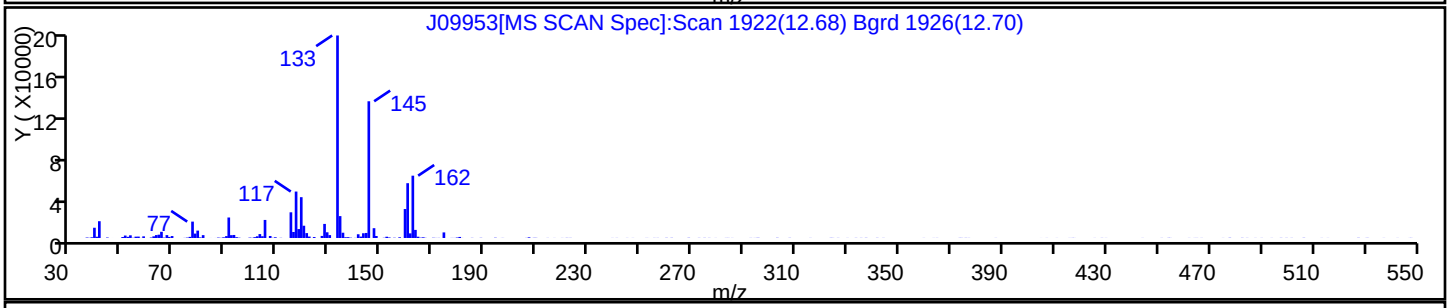
Purge Vol: 5.000 mL Dil. Factor: 50.0000

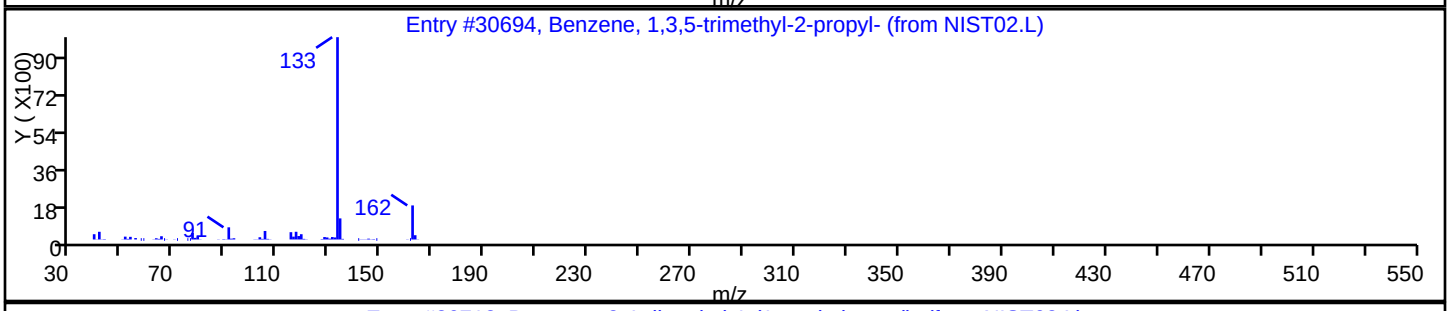
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

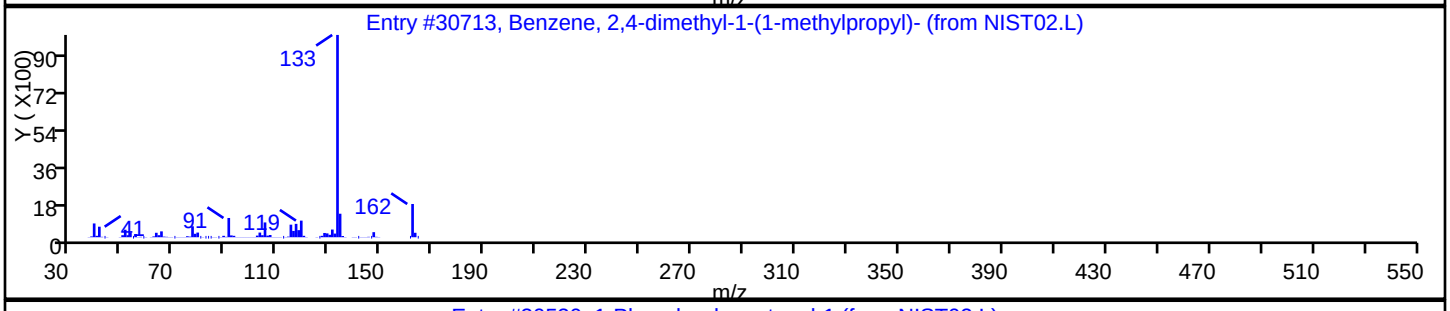
Column: Detector MS SCAN

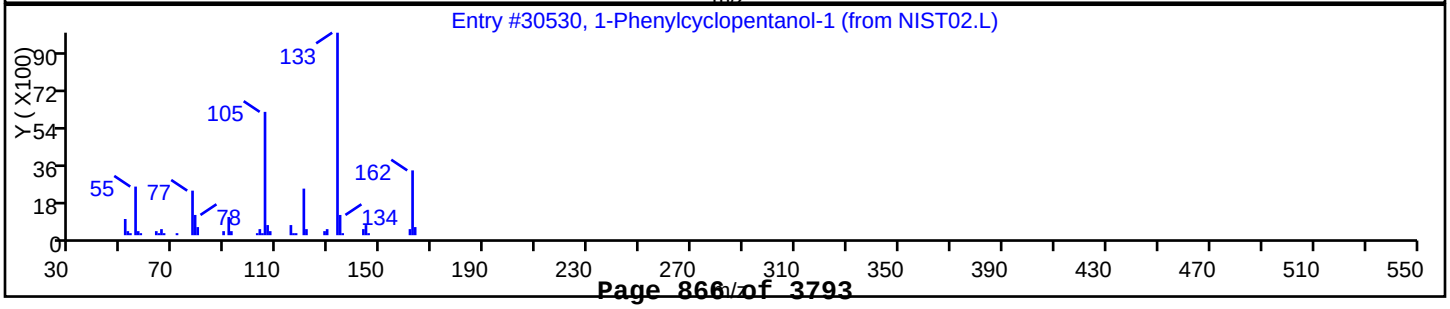
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,3,5-trimethyl-2-propyl-	4810-04-2	NIST02.L	30694	C12H18	162	43
Benzene, 2,4-dimethyl-1-(1-methylpropyl)	1483-60-9	NIST02.L	30713	C12H18	162	43
1-Phenylcyclopentanol-1	10487-96-4	NIST02.L	30530	C11H14O	162	43











Report Date: 14-Mar-2014 15:35:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09953.D

Injection Date: 13-Mar-2014 17:03:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

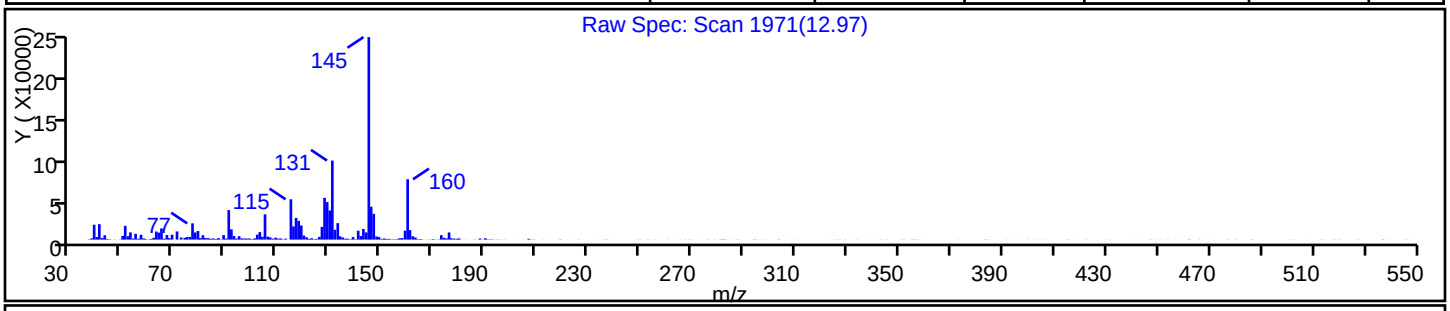
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19

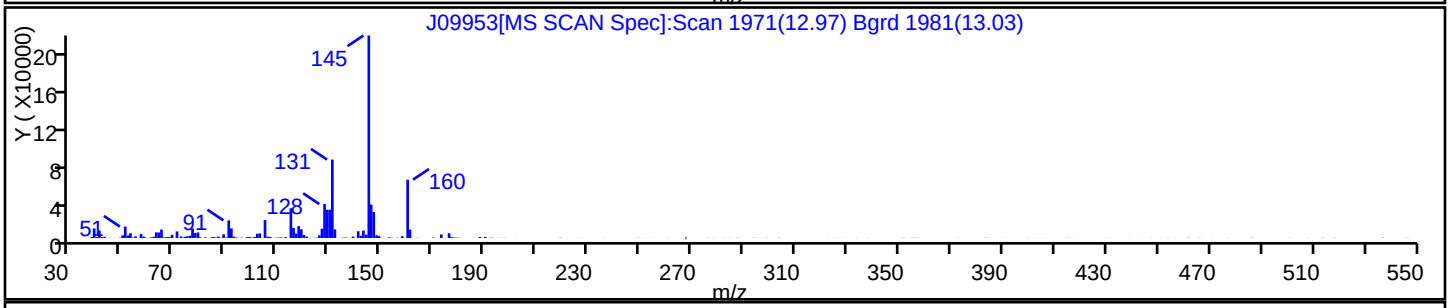
Purge Vol: 5.000 mL Dil. Factor: 50.0000

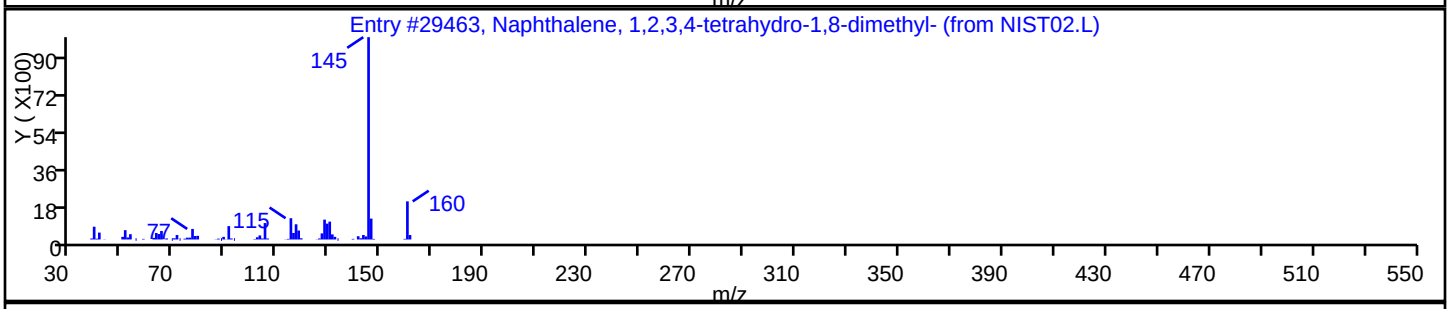
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

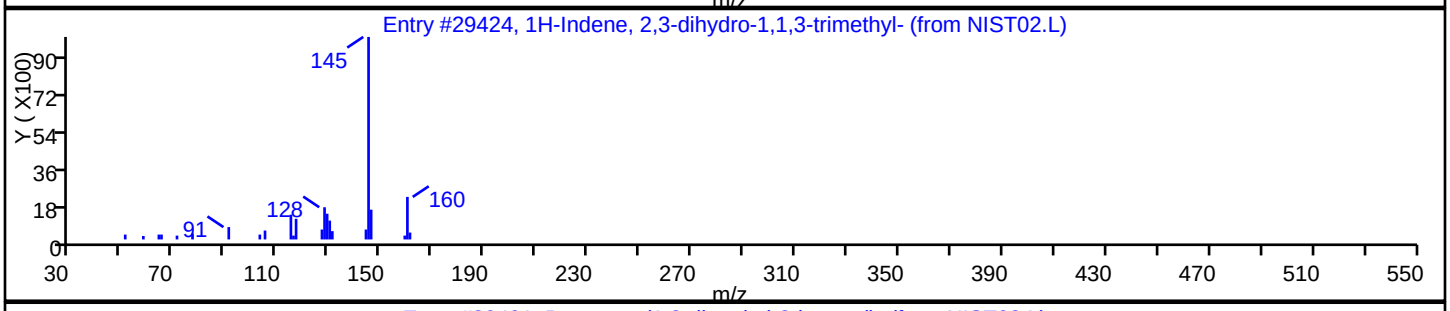
Column: Detector MS SCAN

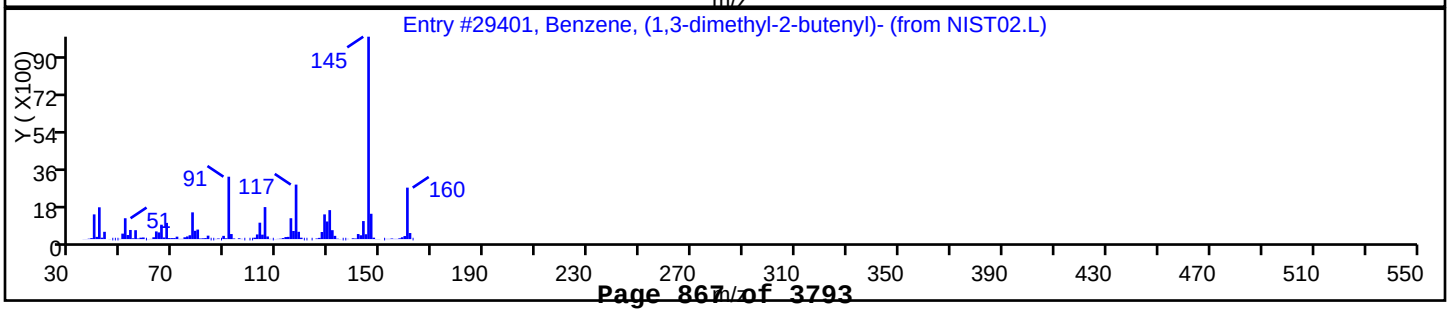
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	25419-33-4	NIST02.L	29463	C12H16	160	76
1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	2613-76-5	NIST02.L	29424	C12H16	160	76
Benzene, (1,3-dimethyl-2-butenyl)-	50704-01-3	NIST02.L	29401	C12H16	160	70











Report Date: 14-Mar-2014 15:35:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09953.D

Injection Date: 13-Mar-2014 17:03:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

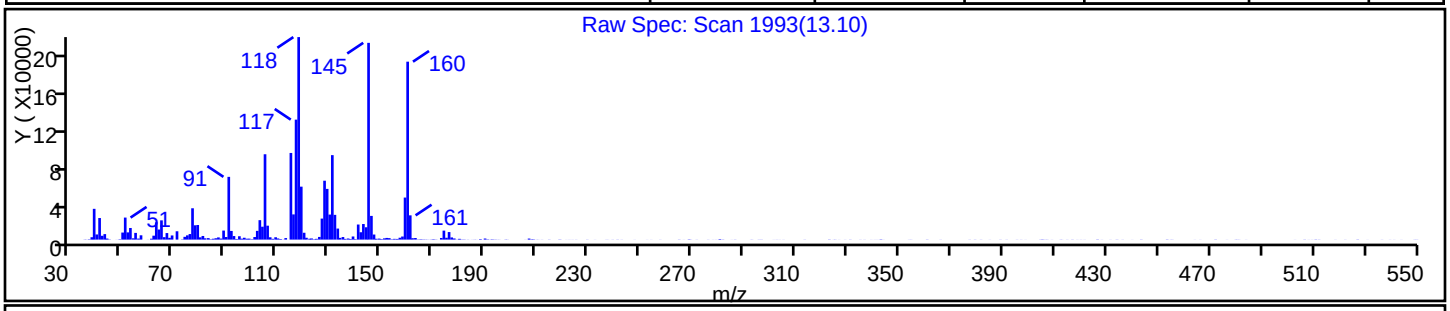
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19

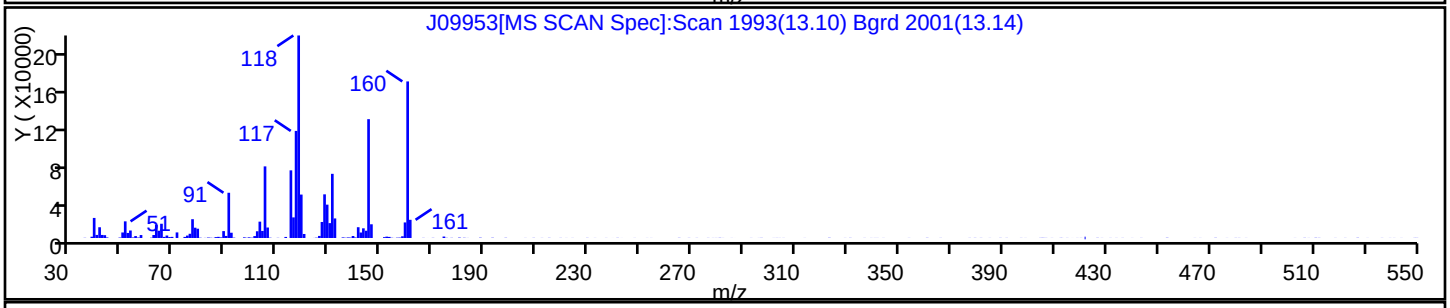
Purge Vol: 5.000 mL Dil. Factor: 50.0000

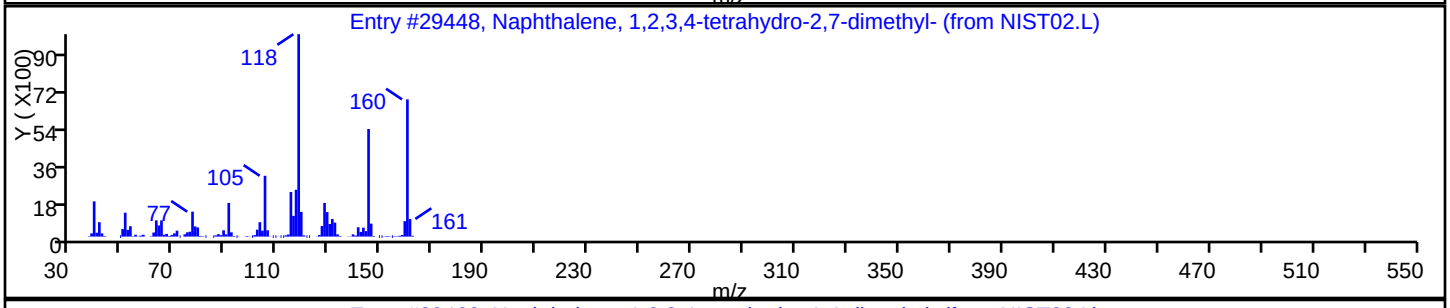
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

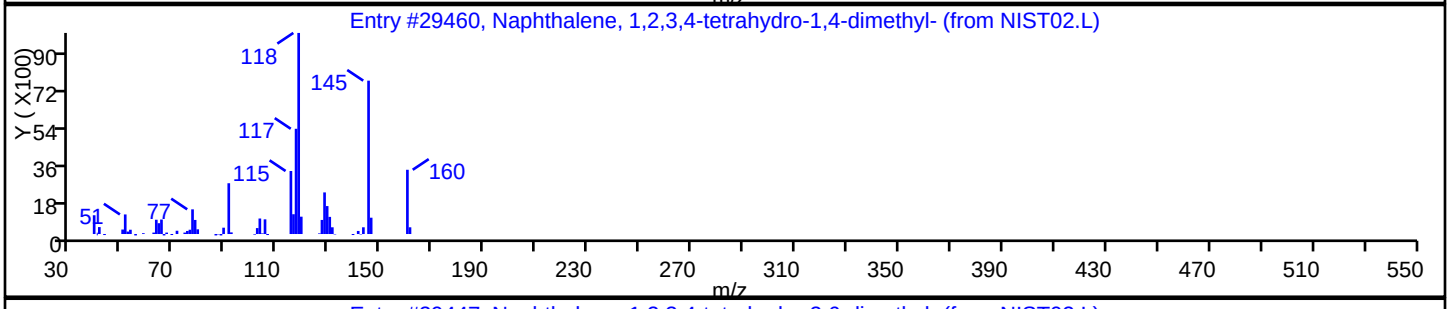
Column: Detector MS SCAN

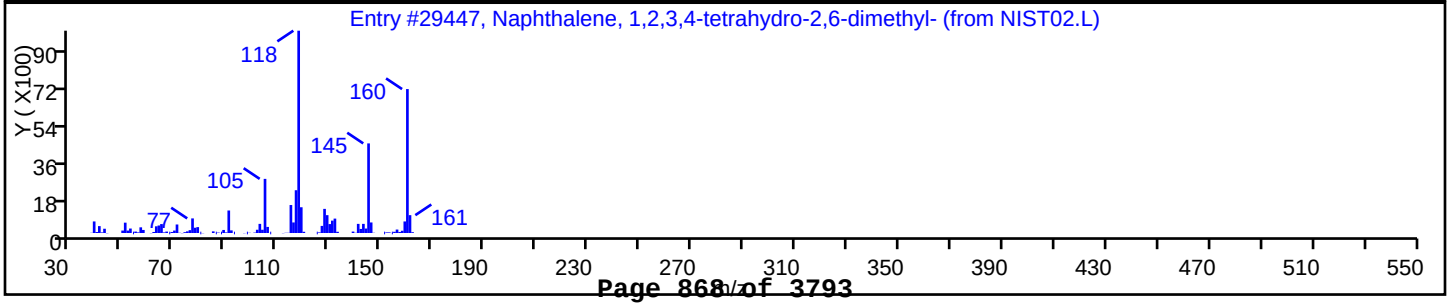
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-2,7-dime	13065-07-1	NIST02.L	29448	C12H16	160	95
Naphthalene, 1,2,3,4-tetrahydro-1,4-dime	4175-54-6	NIST02.L	29460	C12H16	160	93
Naphthalene, 1,2,3,4-tetrahydro-2,6-dime	7524-63-2	NIST02.L	29447	C12H16	160	76











FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-VD | Lab Sample ID: 460-72174-13

Matrix: Solid | Lab File ID: D367297.D

Analysis Method: 8260B | Date Collected: 03/06/2014 11:20

Sample wt/vol: 6.038(g) | Date Analyzed: 03/13/2014 12:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.6 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.14	U	0.87	0.14
74-83-9	Bromomethane	0.37	U	0.87	0.37
75-01-4	Vinyl chloride	0.30	U	0.87	0.30
75-00-3	Chloroethane	0.29	U	0.87	0.29
75-09-2	Methylene Chloride	0.13	U	0.87	0.13
67-64-1	Acetone	1.5	U	4.3	1.5
75-15-0	Carbon disulfide	0.13	U	0.87	0.13
75-69-4	Trichlorofluoromethane	0.14	U	0.87	0.14
75-35-4	1,1-Dichloroethene	0.16	U	0.87	0.16
75-34-3	1,1-Dichloroethane	0.095	U	0.87	0.095
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.87	0.11
156-59-2	cis-1,2-Dichloroethene	0.095	U	0.87	0.095
67-66-3	Chloroform	0.21	U	0.87	0.21
78-93-3	2-Butanone	0.55	U	4.3	0.55
107-06-2	1,2-Dichloroethane	0.16	U	0.87	0.16
71-55-6	1,1,1-Trichloroethane	0.11	U	0.87	0.11
56-23-5	Carbon tetrachloride	0.13	U	0.87	0.13
71-43-2	Benzene	0.13	U	0.87	0.13
75-25-2	Bromoform	0.15	U	0.87	0.15
100-42-5	Styrene	0.24	U	0.87	0.24
100-41-4	Ethylbenzene	0.15	U	0.87	0.15
108-90-7	Chlorobenzene	0.16	U	0.87	0.16
110-82-7	Cyclohexane	0.11	U	0.87	0.11
98-82-8	Isopropylbenzene	0.095	U	0.87	0.095
591-78-6	2-Hexanone	0.11	U	4.3	0.11
1634-04-4	MTBE	0.095	U	0.87	0.095
76-13-1	Freon TF	0.095	U	0.87	0.095
79-20-9	Methyl acetate	0.28	U	4.3	0.28
123-91-1	1,4-Dioxane	11	U	17	11
79-01-6	Trichloroethene	0.38	J	0.87	0.10
108-88-3	Toluene	0.14	J	0.87	0.12
10061-02-6	trans-1,3-Dichloropropene	0.087	U	0.87	0.087
108-10-1	4-Methyl-2-pentanone	0.17	U	4.3	0.17
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.87	0.12
95-50-1	1,2-Dichlorobenzene	0.14	J	0.87	0.087
541-73-1	1,3-Dichlorobenzene	0.14	U	0.87	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-VD | Lab Sample ID: 460-72174-13

Matrix: Solid | Lab File ID: D367297.D

Analysis Method: 8260B | Date Collected: 03/06/2014 11:20

Sample wt/vol: 6.038(g) | Date Analyzed: 03/13/2014 12:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.6 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.35	J	0.87	0.095
120-82-1	1,2,4-Trichlorobenzene	2.0		0.87	0.16
87-61-6	1,2,3-Trichlorobenzene	0.64	J	0.87	0.14
78-87-5	1,2-Dichloropropane	0.13	U	0.87	0.13
108-87-2	Methylcyclohexane	0.087	U	0.87	0.087
127-18-4	Tetrachloroethene	0.10	U	0.87	0.10
1330-20-7	Xylenes, Total	0.58	U	1.7	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	0.87	0.38
79-34-5	1,1,2,2-Tetrachloroethane	0.078	U	0.87	0.078
79-00-5	1,1,2-Trichloroethane	0.12	U	0.87	0.12
124-48-1	Dibromochloromethane	0.087	U	0.87	0.087
106-93-4	1,2-Dibromoethane	0.13	U	0.87	0.13
75-71-8	Dichlorodifluoromethane	0.19	U	0.87	0.19
74-97-5	Bromochloromethane	0.095	U	0.87	0.095
75-27-4	Bromodichloromethane	0.28	U	0.87	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	Bromofluorobenzene	95		70-130
1868-53-7	Dibromofluoromethane (Surr)	96		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-VD Lab Sample ID: 460-72174-13

Matrix: Solid Lab File ID: D367297.D

Analysis Method: 8260B Date Collected: 03/06/2014 11:20

Sample wt/vol: 6.038(g) Date Analyzed: 03/13/2014 12:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.6 Level: (low/med) Low

Analysis Batch No.: 212326 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Report Date: 15-Mar-2014 13:01:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367297.D
Lims ID: 460-72174-B-13-A Lab Sample ID: 460-72174-13
Client ID: PMP-6SW-VD
Sample Type: Client
Inject. Date: 13-Mar-2014 12:42:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-13-A
Misc. Info.: 460-0010815-017
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 13:01:54 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: starzecm Date: 13-Mar-2014 18:55:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.638	2.628	0.010	57	140305	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.699	3.702	-0.003	89	96849	48.0	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.156	4.152	0.004	96	88747	50.5	
* 59 Fluorobenzene	96	4.410	4.409	0.001	87	459190	50.0	
61 Trichloroethene	95	4.590	4.567	0.023	22	1399	0.4388	
* 150 1,4-Dioxane-d8	96	5.387	5.377	0.010	1	9313	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.075	6.072	0.003	89	448015	48.4	
77 Toluene	91	6.130	6.133	-0.003	42	2222	0.1627	
* 87 Chlorobenzene-d5	117	7.779	7.776	0.003	87	268058	50.0	
$ 99 4-Bromofluorobenzene	174	8.860	8.853	0.007	75	94220	47.7	
* 116 1,4-Dichlorobenzene-d4	152	9.724	9.721	0.003	88	134457	50.0	
117 1,4-Dichlorobenzene	146	9.731	9.731	0.0	28	2400	0.4024	
121 1,2-Dichlorobenzene	146	10.040	10.036	0.004	42	830	0.1610	
124 1,2,4-Trichlorobenzene	180	11.094	11.091	0.003	83	8957	2.32	
128 1,2,3-Trichlorobenzene	180	11.448	11.448	0.0	68	2410	0.7427	

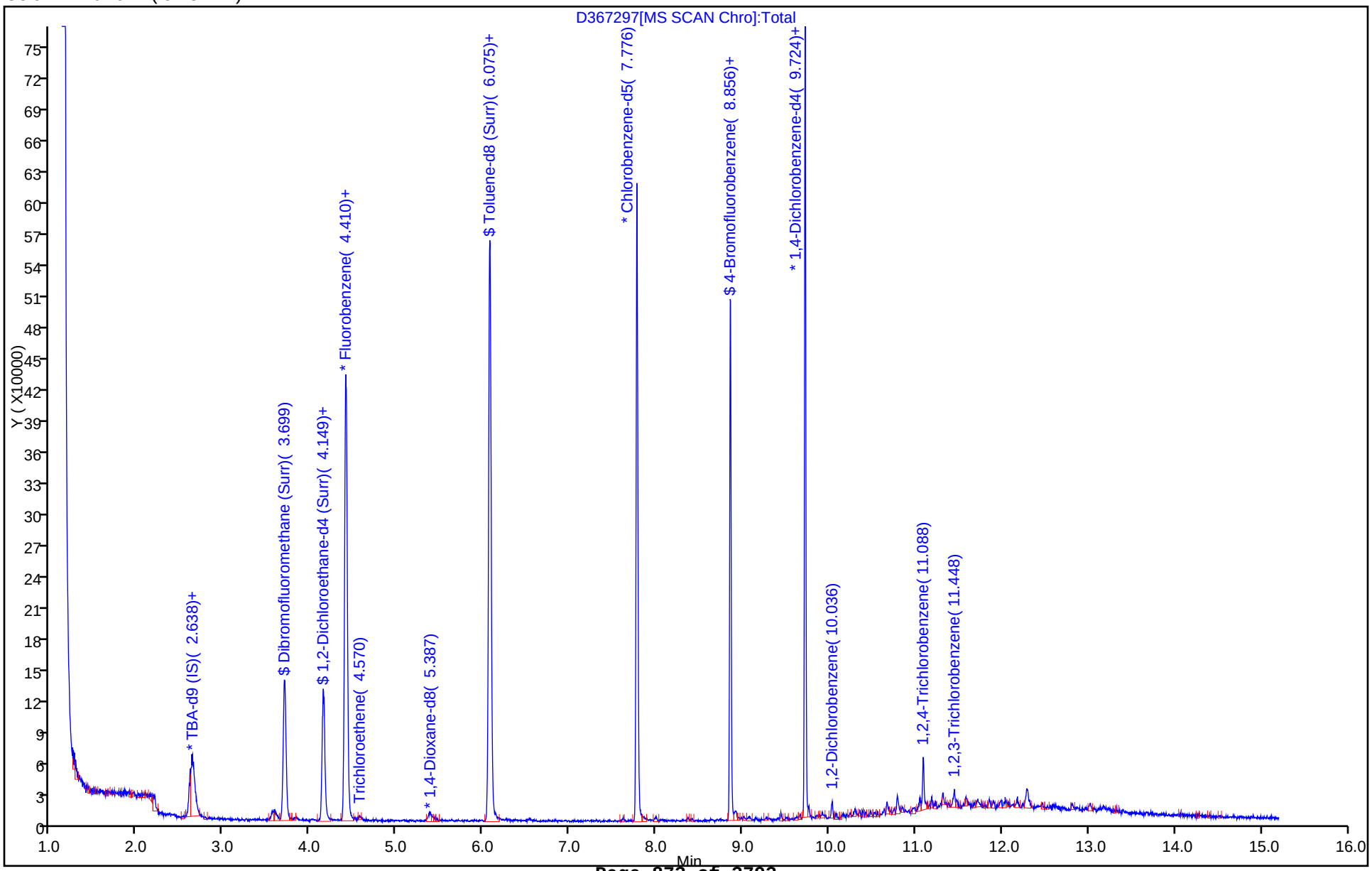
Report Date: 15-Mar-2014 13:01:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367297.D

Injection Date:	13-Mar-2014 12:42:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-B-13-A	Lab Sample ID:	460-72174-13	Worklist Smp#:	17
Client ID:	PMP-6SW-VD				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



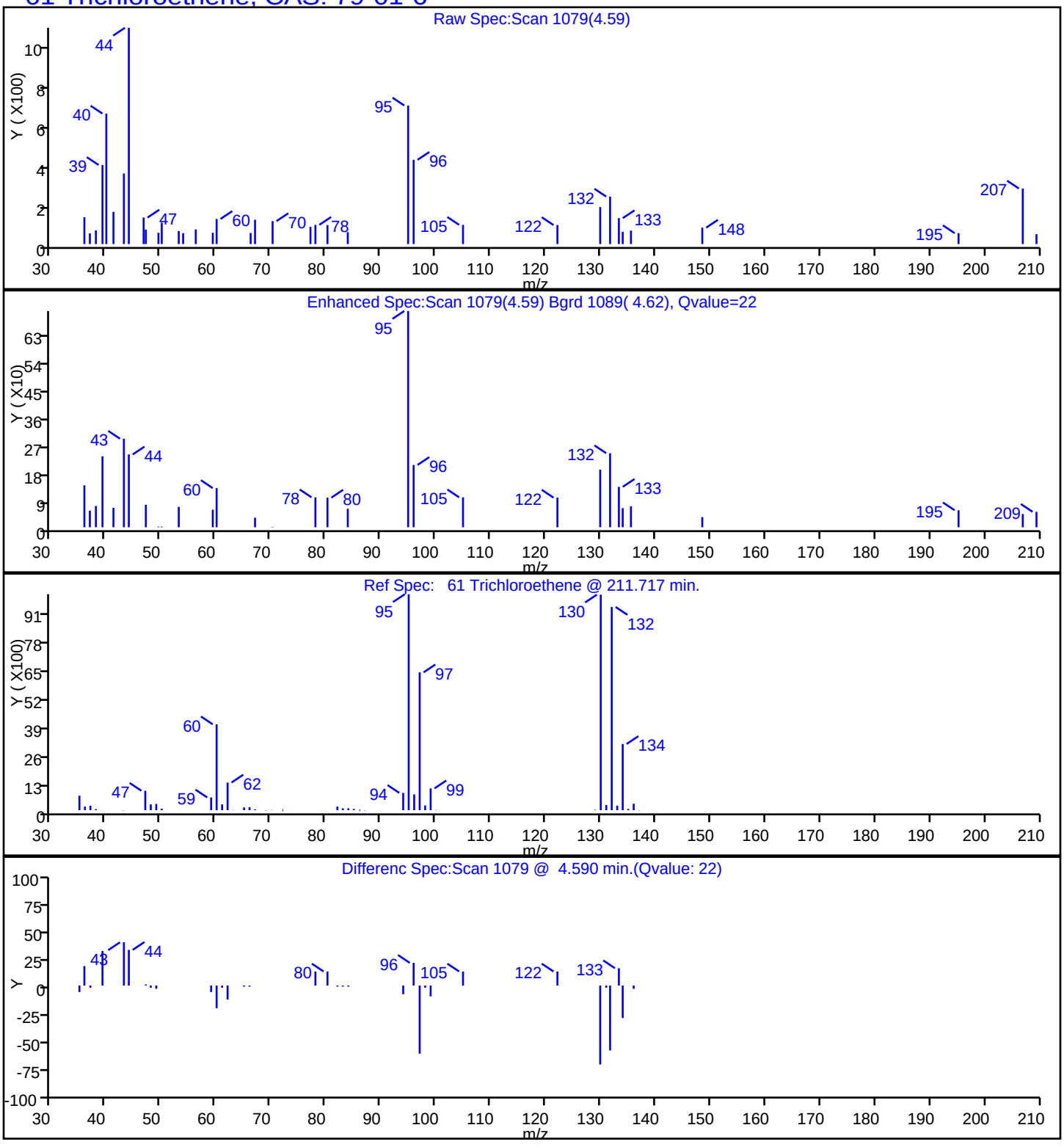
Report Date: 15-Mar-2014 13:01:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367297.D

Injection Date:	13-Mar-2014 12:42:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-13-A	Lab Sample ID:	460-72174-13		
Client ID:	PMP-6SW-VD				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

61 Trichloroethene, CAS: 79-01-6



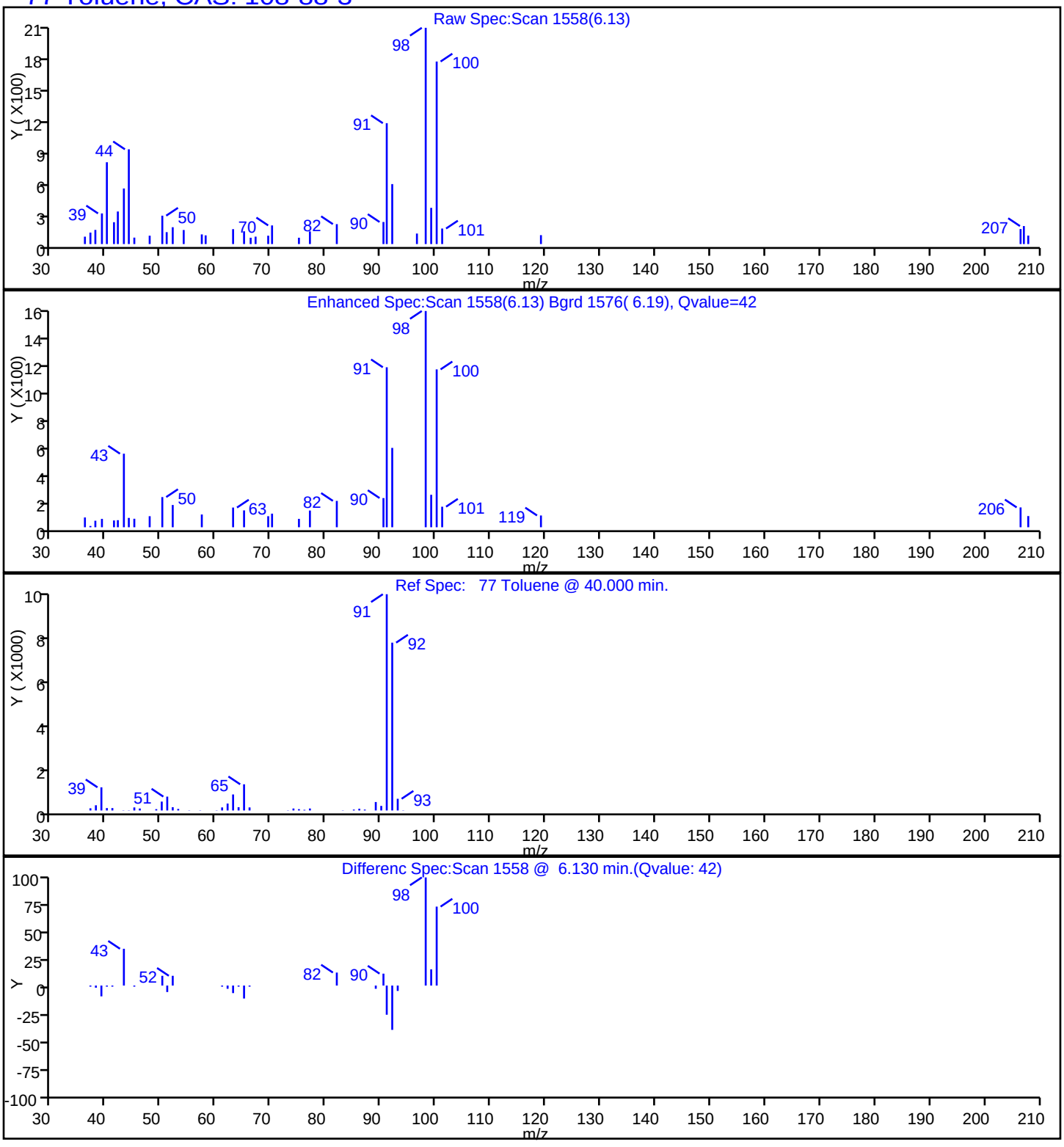
Report Date: 15-Mar-2014 13:01:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367297.D

Injection Date:	13-Mar-2014 12:42:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-13-A	Lab Sample ID:	460-72174-13		
Client ID:	PMP-6SW-VD				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

77 Toluene, CAS: 108-88-3



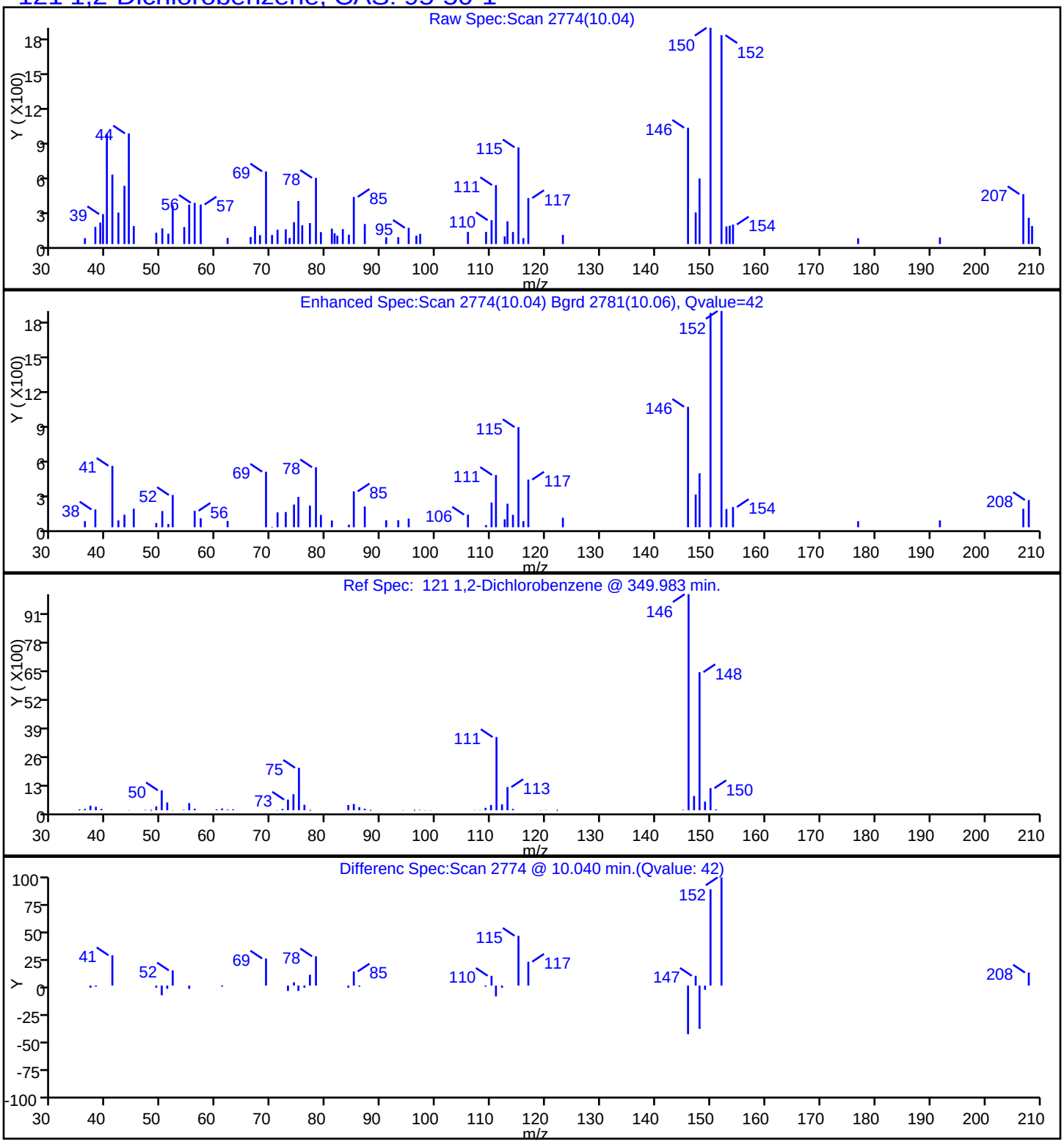
Report Date: 15-Mar-2014 13:01:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367297.D

Injection Date:	13-Mar-2014 12:42:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-13-A	Lab Sample ID:	460-72174-13		
Client ID:	PMP-6SW-VD				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

121 1,2-Dichlorobenzene, CAS: 95-50-1



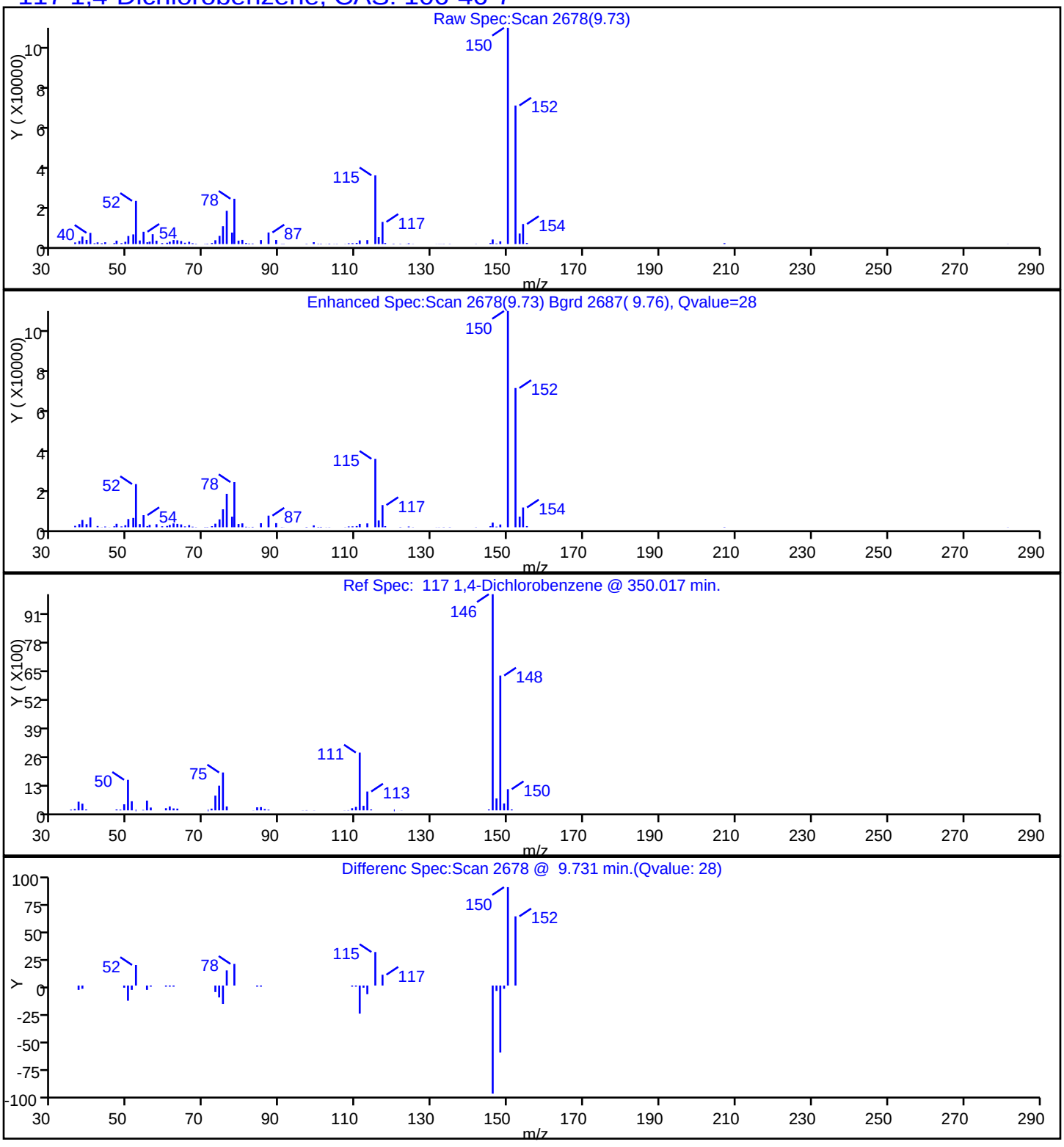
Report Date: 15-Mar-2014 13:01:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367297.D

Injection Date:	13-Mar-2014 12:42:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-13-A	Lab Sample ID:	460-72174-13		
Client ID:	PMP-6SW-VD				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

117 1,4-Dichlorobenzene, CAS: 106-46-7



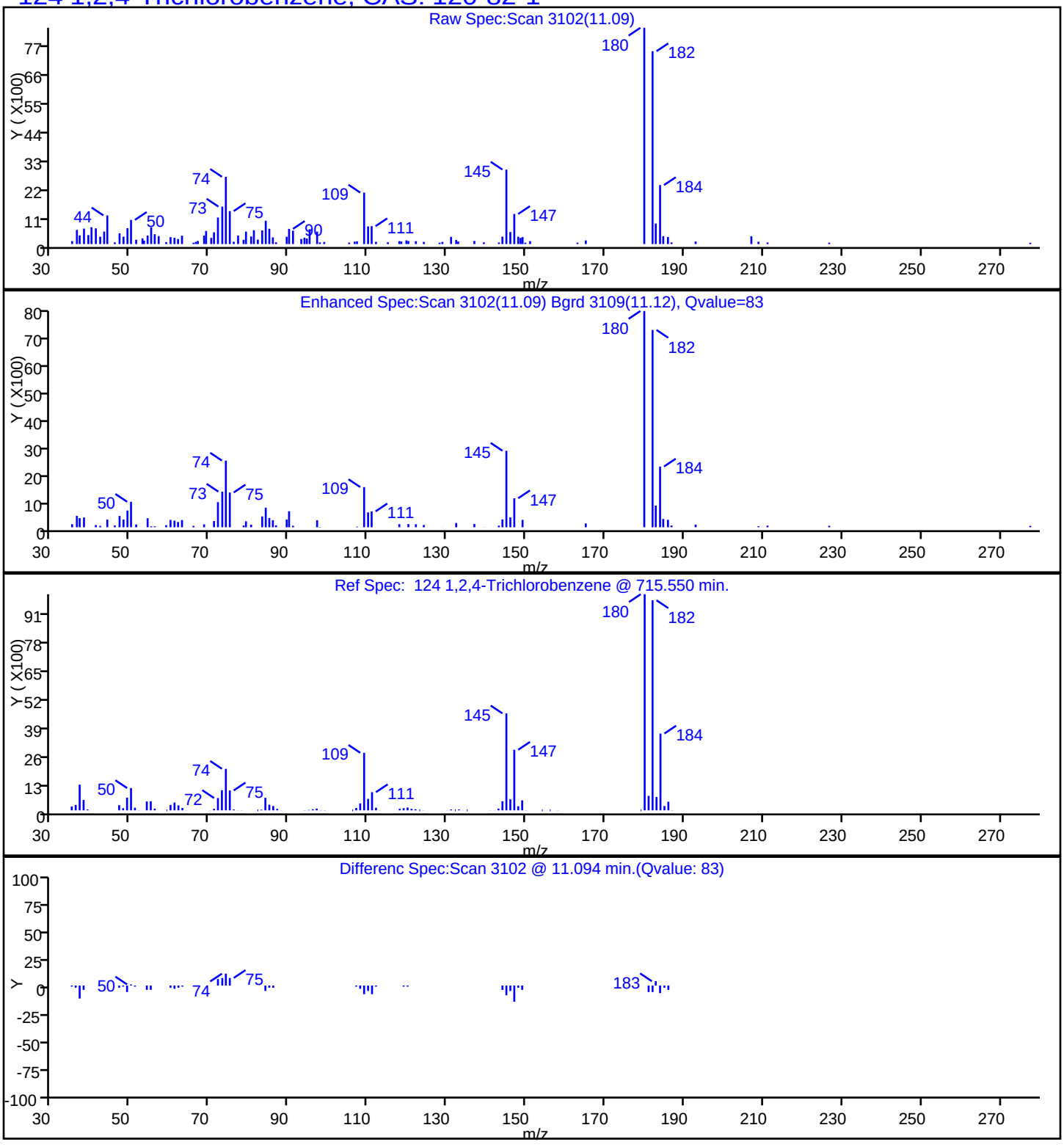
Report Date: 15-Mar-2014 13:01:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367297.D

Injection Date:	13-Mar-2014 12:42:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-13-A	Lab Sample ID:	460-72174-13		
Client ID:	PMP-6SW-VD				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



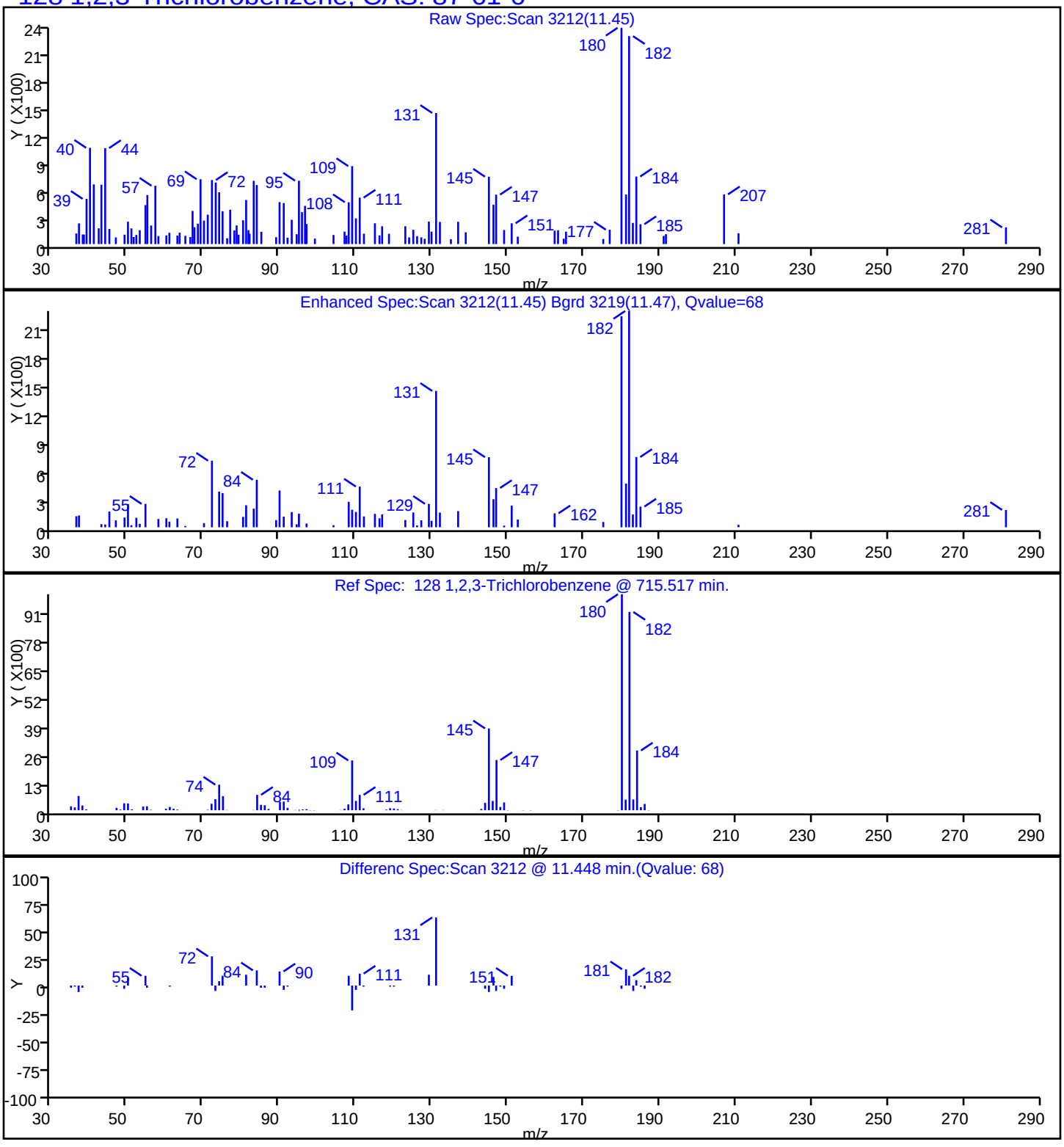
Report Date: 15-Mar-2014 13:01:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367297.D

Injection Date:	13-Mar-2014 12:42:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-13-A	Lab Sample ID:	460-72174-13		
Client ID:	PMP-6SW-VD				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-WT | Lab Sample ID: 460-72174-14

Matrix: Solid | Lab File ID: D367298.D

Analysis Method: 8260B | Date Collected: 03/06/2014 11:25

Sample wt/vol: 6.43(g) | Date Analyzed: 03/13/2014 13:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.9 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.14	U	0.87	0.14
74-83-9	Bromomethane	0.38	U	0.87	0.38
75-01-4	Vinyl chloride	0.30	U	0.87	0.30
75-00-3	Chloroethane	0.29	U	0.87	0.29
75-09-2	Methylene Chloride	0.13	U	0.87	0.13
67-64-1	Acetone	19	B	4.4	1.5
75-15-0	Carbon disulfide	0.13	U	0.87	0.13
75-69-4	Trichlorofluoromethane	0.14	U	0.87	0.14
75-35-4	1,1-Dichloroethene	0.17	U	0.87	0.17
75-34-3	1,1-Dichloroethane	0.096	U	0.87	0.096
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.87	0.11
156-59-2	cis-1,2-Dichloroethene	0.23	J	0.87	0.096
67-66-3	Chloroform	8.4		0.87	0.21
78-93-3	2-Butanone	0.55	U	4.4	0.55
107-06-2	1,2-Dichloroethane	0.16	U	0.87	0.16
71-55-6	1,1,1-Trichloroethane	0.11	U	0.87	0.11
56-23-5	Carbon tetrachloride	0.13	U	0.87	0.13
71-43-2	Benzene	0.13	U	0.87	0.13
75-25-2	Bromoform	0.15	U	0.87	0.15
100-42-5	Styrene	0.24	U	0.87	0.24
100-41-4	Ethylbenzene	0.15	U	0.87	0.15
108-90-7	Chlorobenzene	5.7		0.87	0.16
110-82-7	Cyclohexane	0.11	U	0.87	0.11
98-82-8	Isopropylbenzene	3.3		0.87	0.096
591-78-6	2-Hexanone	0.11	U	4.4	0.11
1634-04-4	MTBE	0.096	U	0.87	0.096
76-13-1	Freon TF	0.096	U	0.87	0.096
79-20-9	Methyl acetate	0.28	U	4.4	0.28
123-91-1	1,4-Dioxane	11	U	17	11
79-01-6	Trichloroethene	8.0		0.87	0.10
108-88-3	Toluene	0.12	U	0.87	0.12
10061-02-6	trans-1,3-Dichloropropene	0.087	U	0.87	0.087
108-10-1	4-Methyl-2-pentanone	0.17	U	4.4	0.17
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.87	0.12
95-50-1	1,2-Dichlorobenzene	7.4		0.87	0.087
541-73-1	1,3-Dichlorobenzene	0.14	U	0.87	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-WT | Lab Sample ID: 460-72174-14

Matrix: Solid | Lab File ID: D367298.D

Analysis Method: 8260B | Date Collected: 03/06/2014 11:25

Sample wt/vol: 6.43(g) | Date Analyzed: 03/13/2014 13:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.9 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2.6		0.87	0.096
120-82-1	1,2,4-Trichlorobenzene	66		0.87	0.17
87-61-6	1,2,3-Trichlorobenzene	35		0.87	0.14
78-87-5	1,2-Dichloropropane	0.13	U	0.87	0.13
108-87-2	Methylcyclohexane	21		0.87	0.087
127-18-4	Tetrachloroethene	6.7		0.87	0.10
1330-20-7	Xylenes, Total	78		1.7	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	0.87	0.38
79-34-5	1,1,2,2-Tetrachloroethane	0.079	U	0.87	0.079
79-00-5	1,1,2-Trichloroethane	0.12	U	0.87	0.12
124-48-1	Dibromochloromethane	0.087	U	0.87	0.087
106-93-4	1,2-Dibromoethane	0.13	U	0.87	0.13
75-71-8	Dichlorodifluoromethane	0.19	U	0.87	0.19
74-97-5	Bromochloromethane	0.096	U	0.87	0.096
75-27-4	Bromodichloromethane	0.28	U	0.87	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-130
2037-26-5	Toluene-d8 (Surr)	126		70-130
460-00-4	Bromofluorobenzene	88		70-130
1868-53-7	Dibromofluoromethane (Surr)	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-WT Lab Sample ID: 460-72174-14

Matrix: Solid Lab File ID: D367298.D

Analysis Method: 8260B Date Collected: 03/06/2014 11:25

Sample wt/vol: 6.43(g) Date Analyzed: 03/13/2014 13:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.9 Level: (low/med) Low

Analysis Batch No.: 212326 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 1500

CAS NO.	COMPOUND NAME	RT	RESULT	Q
6783-92-2	Cyclohexane, 1,1,2,3-tetramethyl-	8.76	130	J N
2847-72-5	Decane, 4-methyl-	9.28	200	J N
1678-93-9	Cyclohexane, butyl-	9.45	170	J N
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	9.63	110	J N
1074-43-7	Benzene, 1-methyl-3-propyl-	9.90	130	J N
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	9.95	170	J N
1074-17-5	Benzene, 1-methyl-2-propyl-	10.09	100	J N
	Unknown	10.68	140	J
17301-23-4	Undecane, 2,6-dimethyl-	10.80	220	J N
	Unknown	11.06	130	J

Report Date: 15-Mar-2014 13:28:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D
Lims ID: 460-72174-B-14-A Lab Sample ID: 460-72174-14
Client ID: PMP-6SW-WT
Sample Type: Client
Inject. Date: 13-Mar-2014 13:05:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-14-A
Misc. Info.: 460-0010815-018
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 13:27:34 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: baronm Date: 15-Mar-2014 13:13:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	2.419	2.419	0.0	67	13885	21.9	
* 151 TBA-d9 (IS)	65	2.635	2.628	0.007	65	127666	1000.0	
42 cis-1,2-Dichloroethene	96	3.329	3.326	0.003	28	919	0.2611	
47 Chloroform	83	3.561	3.554	0.007	83	50499	9.68	
$ 152 Dibromofluoromethane (Surr)	113	3.702	3.702	0.0	88	96535	48.6	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.152	4.152	0.0	94	87166	50.3	
* 59 Fluorobenzene	96	4.413	4.409	0.004	86	452094	50.0	
63 Methylcyclohexane	83	4.573	4.557	0.016	84	181506	23.5	
61 Trichloroethene	95	4.573	4.567	0.006	31	28758	9.16	
* 150 1,4-Dioxane-d8	96	5.380	5.377	0.003	1	9361	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.078	6.072	0.006	86	517141	63.1	
80 Tetrachloroethene	166	6.583	6.577	0.006	80	20773	7.69	
* 87 Chlorobenzene-d5	117	7.779	7.776	0.003	43	237238	50.0	
88 Chlorobenzene	112	7.795	7.792	0.003	41	42802	6.57	
91 m-Xylene & p-Xylene	106	7.995	7.991	0.003	52	6675	1.32	
92 o-Xylene	106	8.371	8.367	0.004	85	414892	88.0	
98 Isopropylbenzene	105	8.650	8.644	0.006	1	51139	3.78	
$ 99 4-Bromofluorobenzene	174	8.859	8.853	0.006	36	68342	44.1	
* 116 1,4-Dichlorobenzene-d4	152	9.728	9.721	0.007	12	105358	50.0	
117 1,4-Dichlorobenzene	146	9.737	9.731	0.006	1	13984	2.99	
121 1,2-Dichlorobenzene	146	10.039	10.036	0.003	18	34451	8.53	
124 1,2,4-Trichlorobenzene	180	11.094	11.091	0.003	47	228377	75.5	
128 1,2,3-Trichlorobenzene	180	11.454	11.448	0.006	12	101428	39.9	
S 131 Xylenes, Total	100				0		89.3	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D
Lims ID: 460-72174-B-14-A Lab Sample ID: 460-72174-14
Client ID: PMP-6SW-WT
Sample Type: Client
Inject. Date: 13-Mar-2014 13:05:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-14-A
Misc. Info.: 460-0010815-018
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 13:27:34 Calib Date: 12-Mar-2014 20:41:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 40

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: baronm Date: 15-Mar-2014 13:13:47

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	6783-92-2 Cyclohexane, 1,1,2,3-tetramethyl-							
8.760	36245092	153.6	116	94	17375	C10H20	140	
	2847-72-5 Decane, 4-methyl-							
9.281	55251329	234.2	116	87	27129	C11H24	156	
	1678-93-9 Cyclohexane, butyl-							
9.448	46838093	198.5	116	62	17302	C10H20	140	
	527-84-4 Benzene, 1-methyl-2-(1-methylethyl)-							
9.631	28729418	121.8	116	87	14405	C10H14	134	
	1074-43-7 Benzene, 1-methyl-3-propyl-							
9.898	33970123	144.0	116	93	14345	C10H14	134	
	1758-88-9 Benzene, 2-ethyl-1,4-dimethyl-							
9.946	47310207	200.5	116	94	14379	C10H14	134	
	1074-17-5 Benzene, 1-methyl-2-propyl-							
10.088	27872812	118.1	116	70	14342	C10H14	134	
	Unknown							
10.676	38379613	162.7	116	0	0		0	
	17301-23-4 Undecane, 2,6-dimethyl-							
10.795	60538906	256.6	116	83	45584	C13H28	184	
	Unknown							
11.055	35272702	149.5	116					

Report Date: 15-Mar-2014 13:28:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	9.702	11798077	50.0

QC Flag Legend

Processing Flags

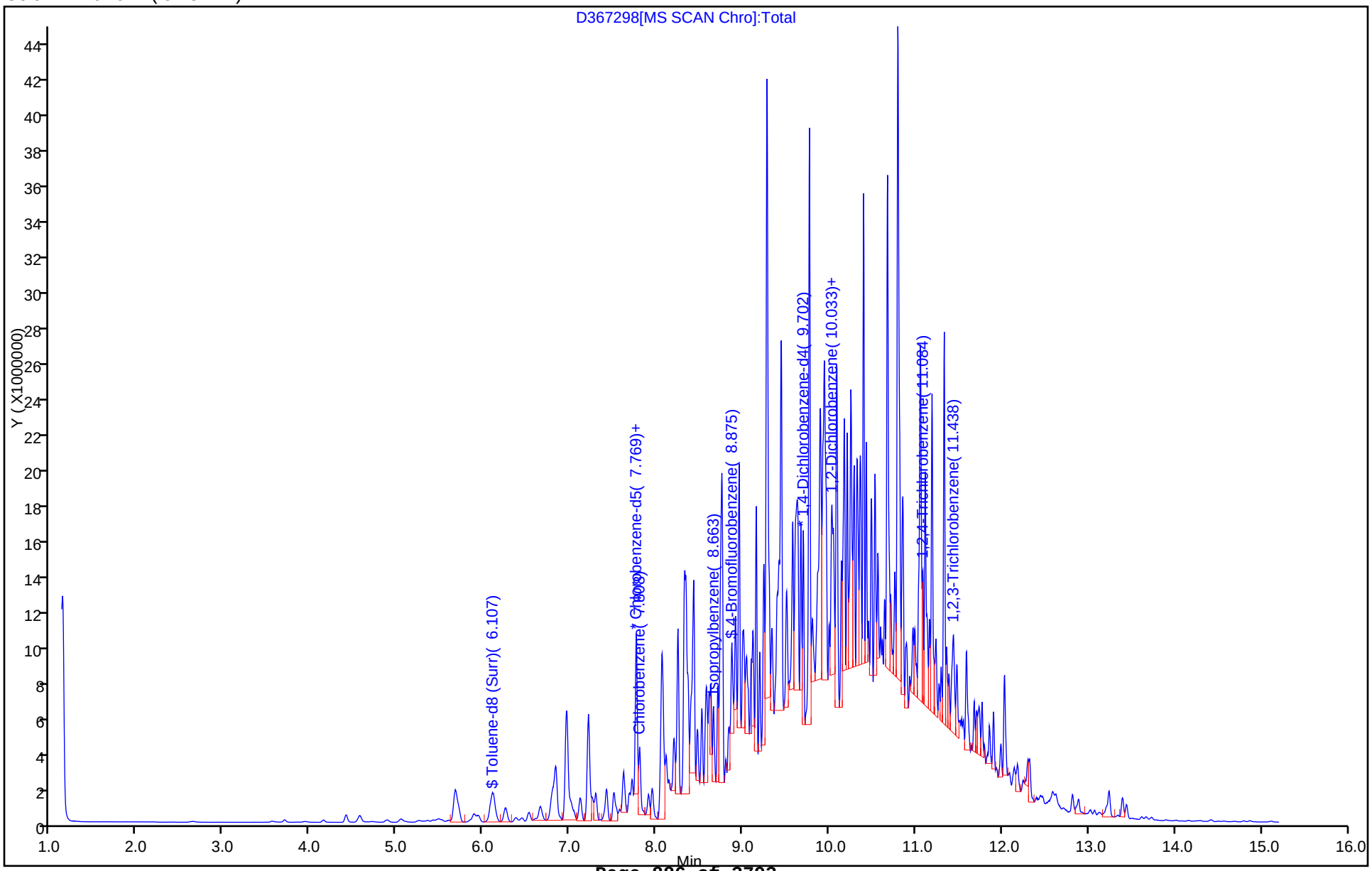
Report Date: 15-Mar-2014 13:28:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date:	13-Mar-2014 13:05:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-B-14-A	Lab Sample ID:	460-72174-14	Worklist Smp#:	18
Client ID:	PMP-6SW-WT				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



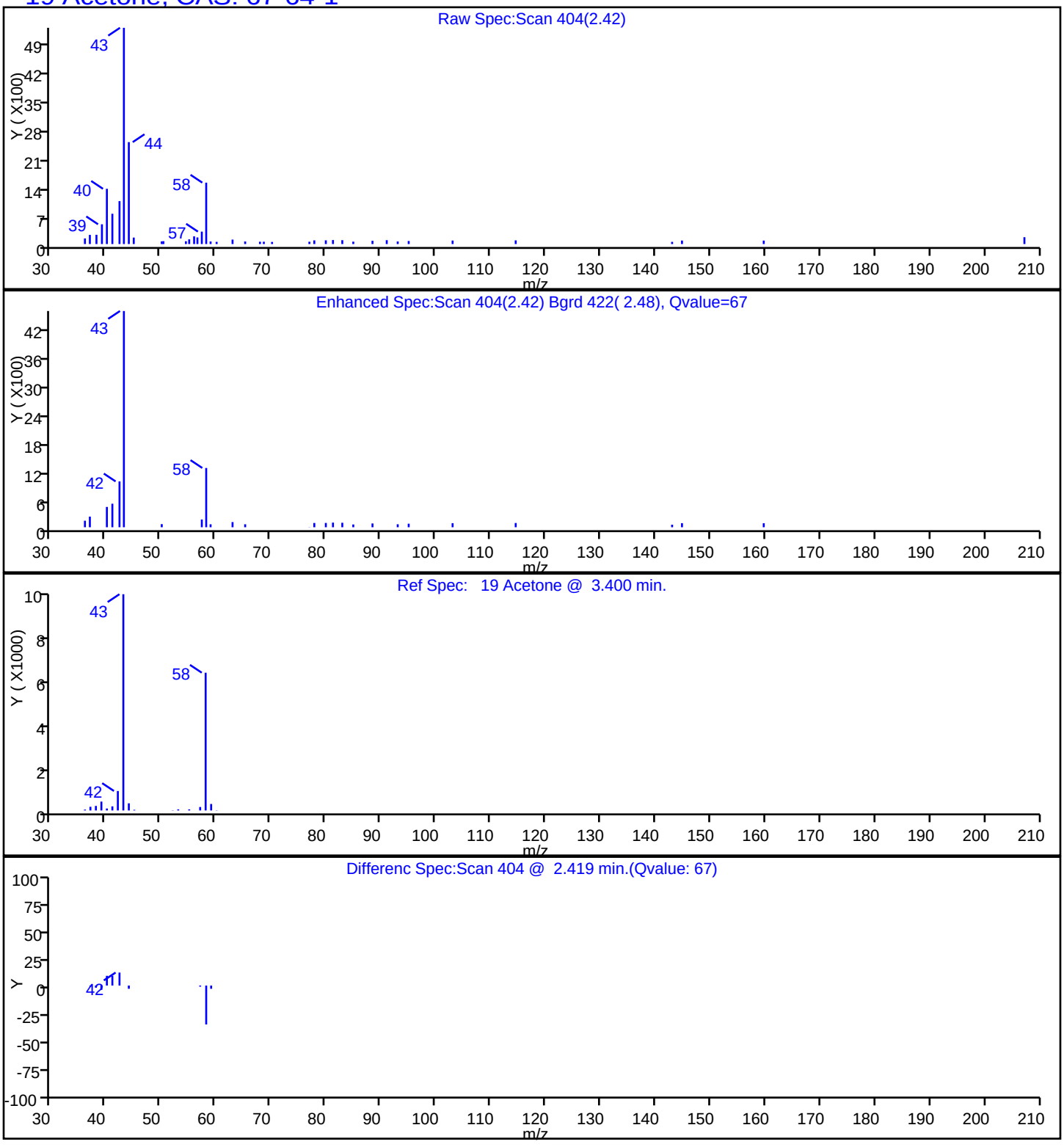
Report Date: 15-Mar-2014 13:28:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date:	13-Mar-2014 13:05:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-14-A	Lab Sample ID:	460-72174-14		
Client ID:	PMP-6SW-WT				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

19 Acetone, CAS: 67-64-1



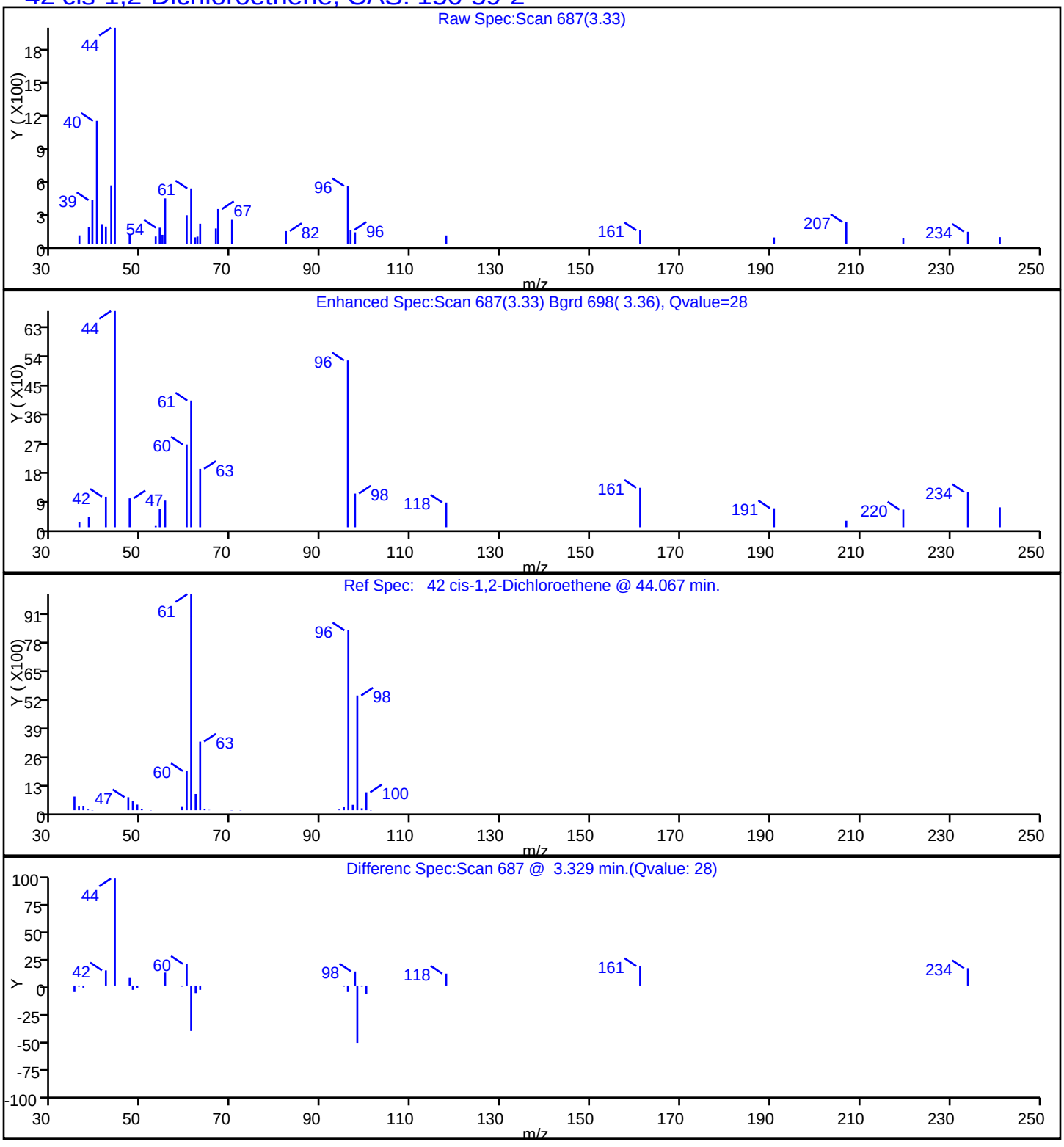
Report Date: 15-Mar-2014 13:28:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date:	13-Mar-2014 13:05:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-14-A	Lab Sample ID:	460-72174-14		
Client ID:	PMP-6SW-WT				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

42 cis-1,2-Dichloroethene, CAS: 156-59-2



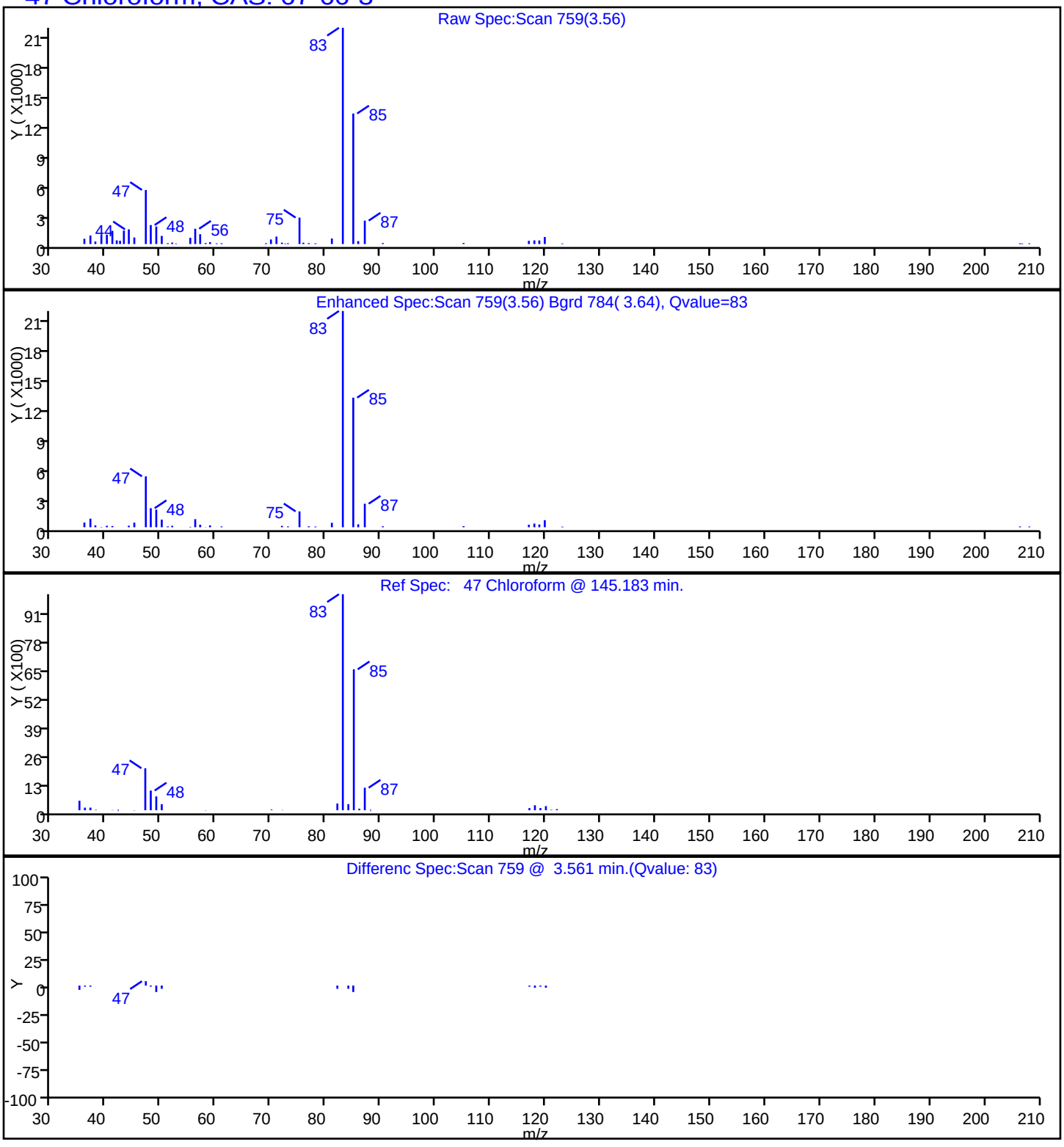
Report Date: 15-Mar-2014 13:28:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date:	13-Mar-2014 13:05:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-14-A	Lab Sample ID:	460-72174-14		
Client ID:	PMP-6SW-WT				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

47 Chloroform, CAS: 67-66-3



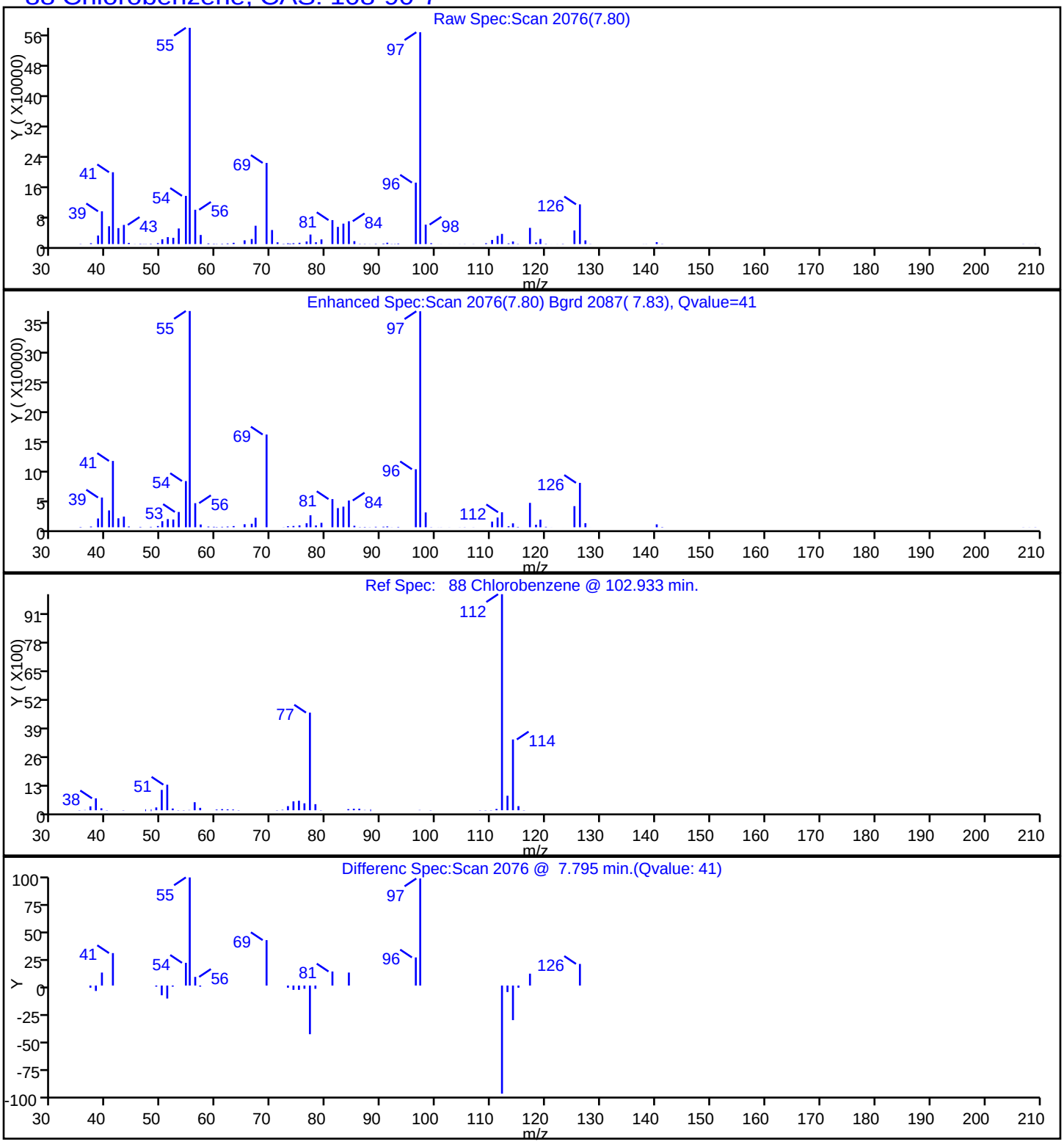
Report Date: 15-Mar-2014 13:28:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date:	13-Mar-2014 13:05:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-14-A	Lab Sample ID:	460-72174-14		
Client ID:	PMP-6SW-WT				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

88 Chlorobenzene, CAS: 108-90-7



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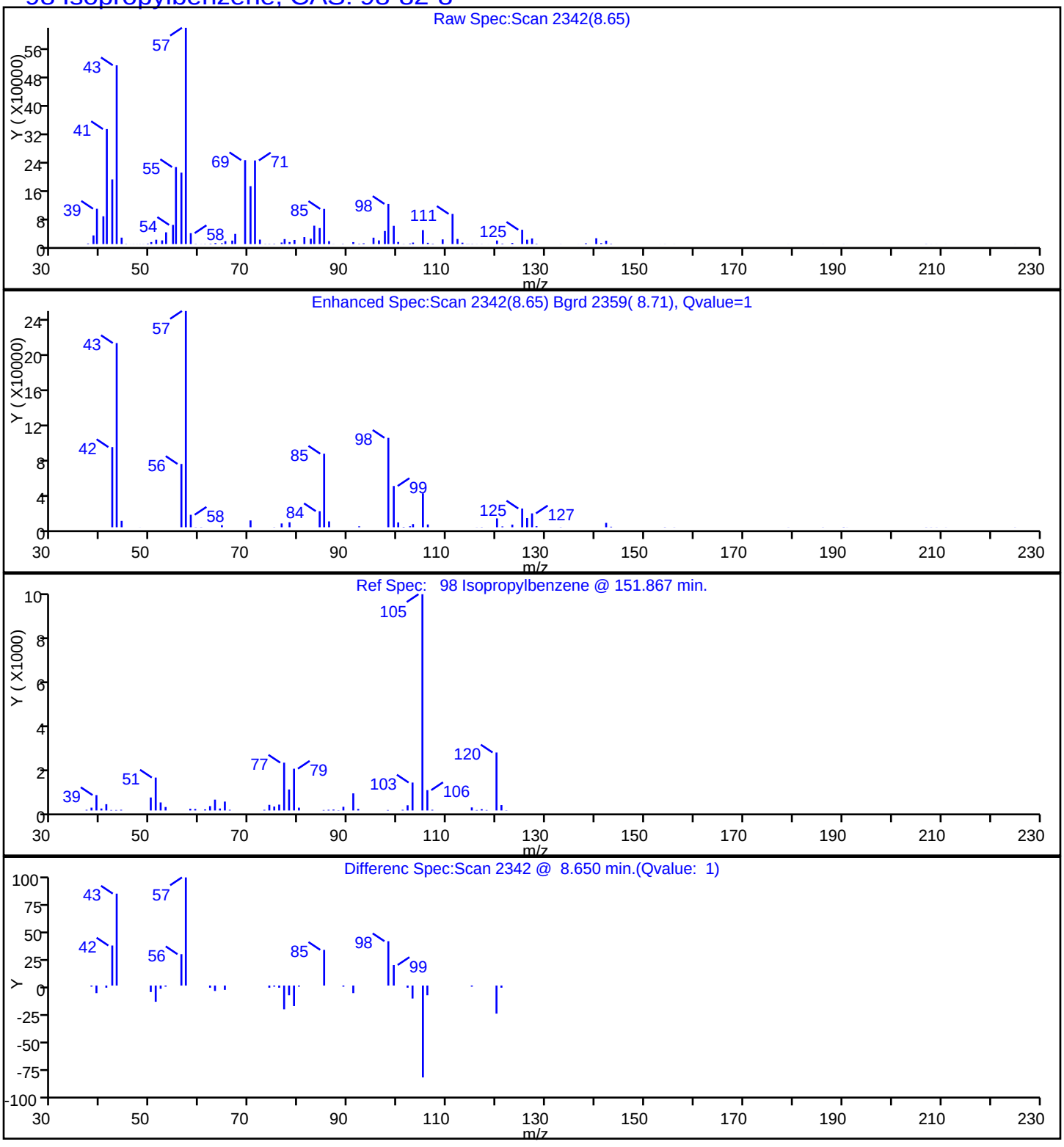
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date:	13-Mar-2014 13:05:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-14-A	Lab Sample ID:	460-72174-14		
Client ID:	PMP-6SW-WT				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

98 Isopropylbenzene, CAS: 98-82-8



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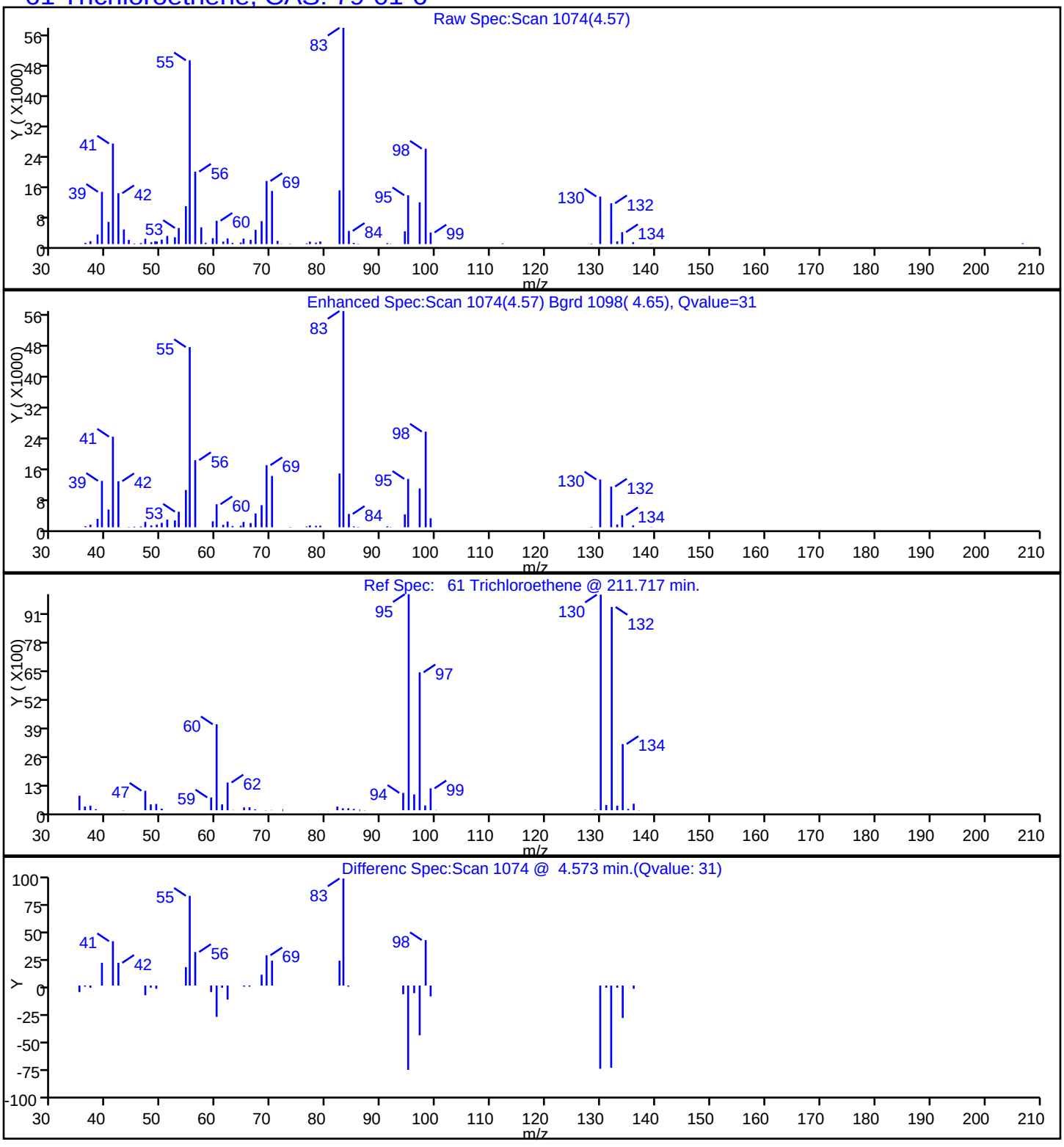
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date:	13-Mar-2014 13:05:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-14-A	Lab Sample ID:	460-72174-14		
Client ID:	PMP-6SW-WT				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

61 Trichloroethene, CAS: 79-01-6



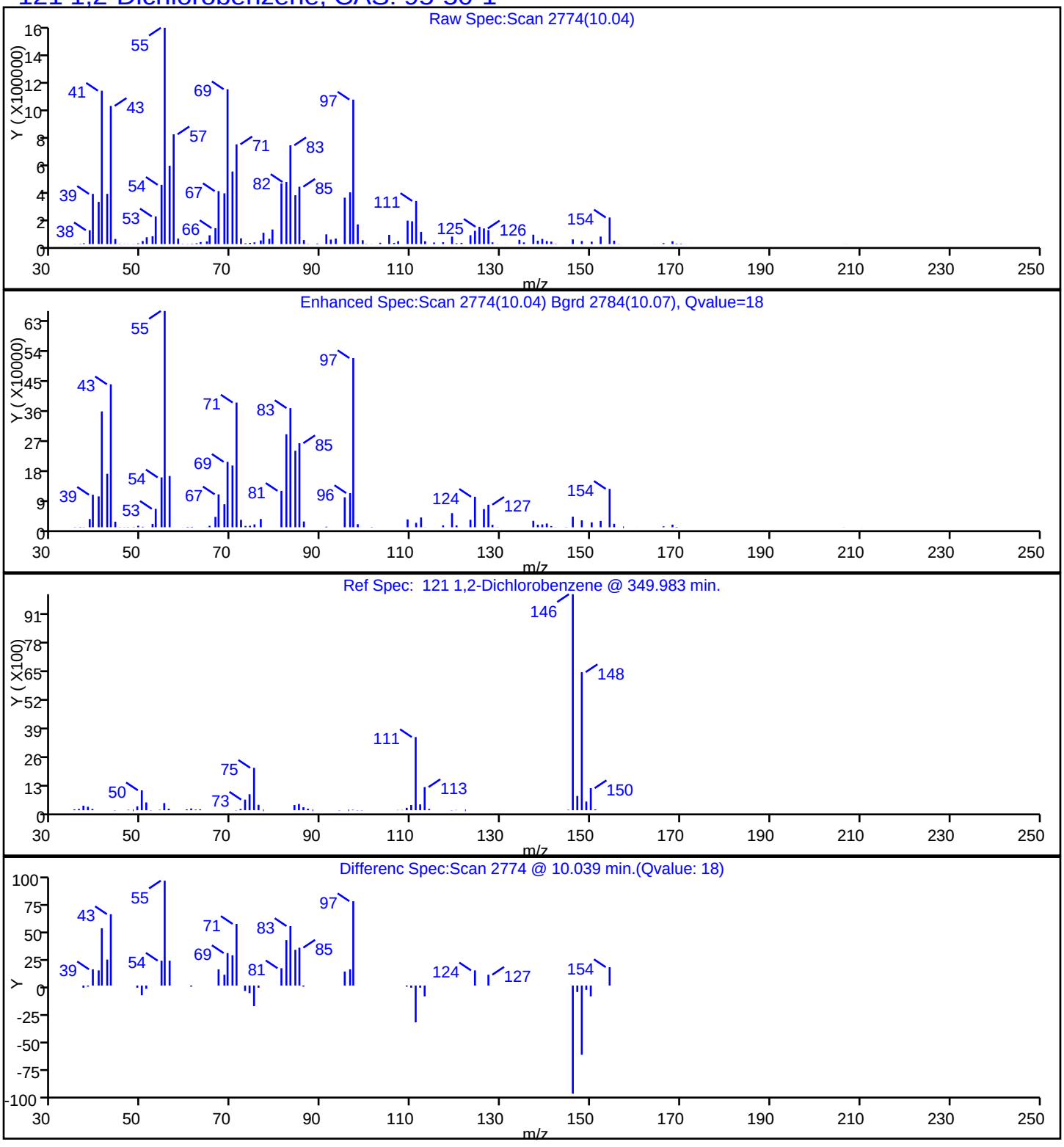
Report Date: 15-Mar-2014 13:28:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date:	13-Mar-2014 13:05:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-14-A	Lab Sample ID:	460-72174-14		
Client ID:	PMP-6SW-WT				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

121 1,2-Dichlorobenzene, CAS: 95-50-1



Report Date: 15-Mar-2014 13:28:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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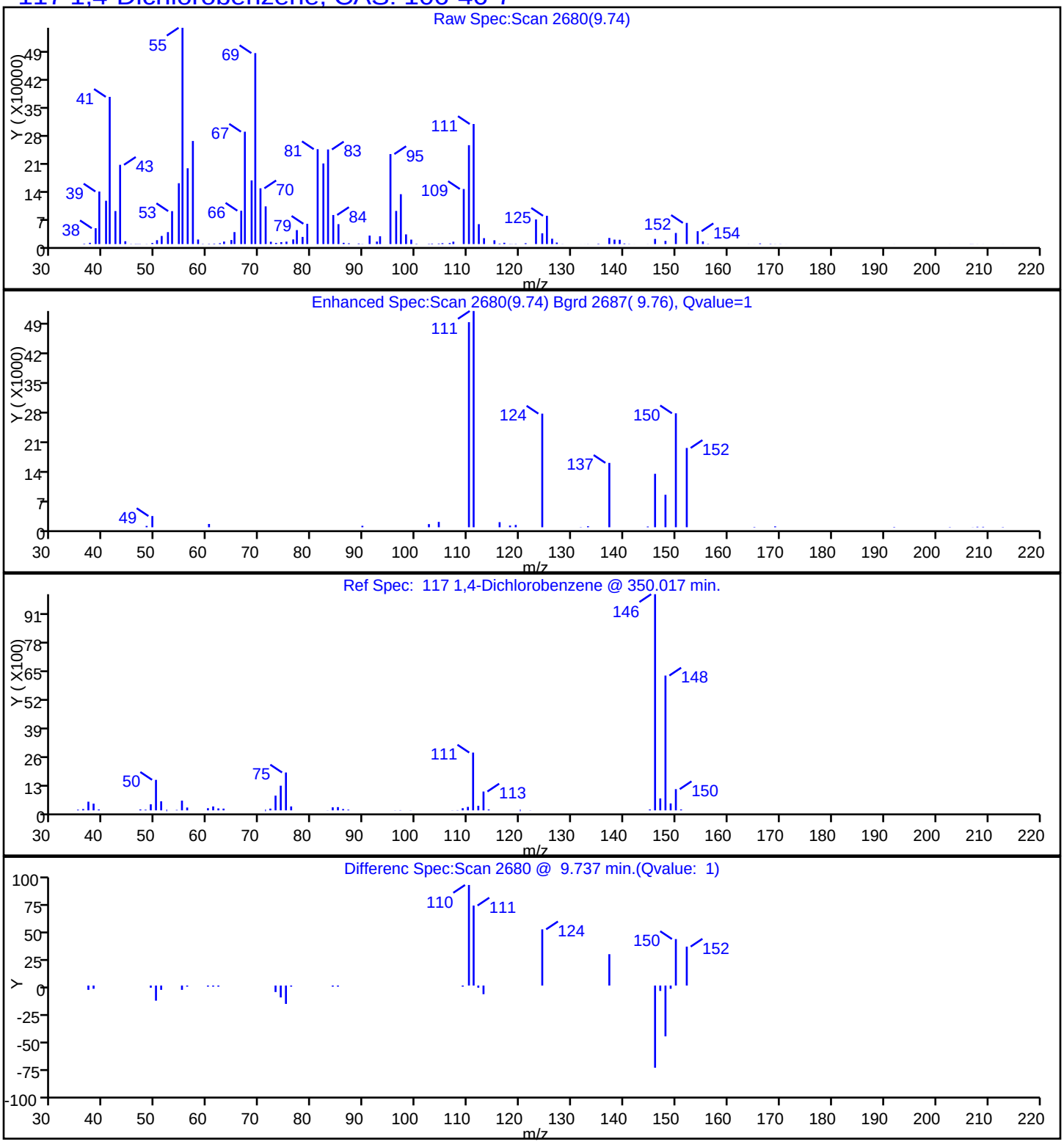
Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date:	13-Mar-2014 13:05:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-14-A	Lab Sample ID:	460-72174-14		
Client ID:	PMP-6SW-WT				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

117 1,4-Dichlorobenzene, CAS: 106-46-7



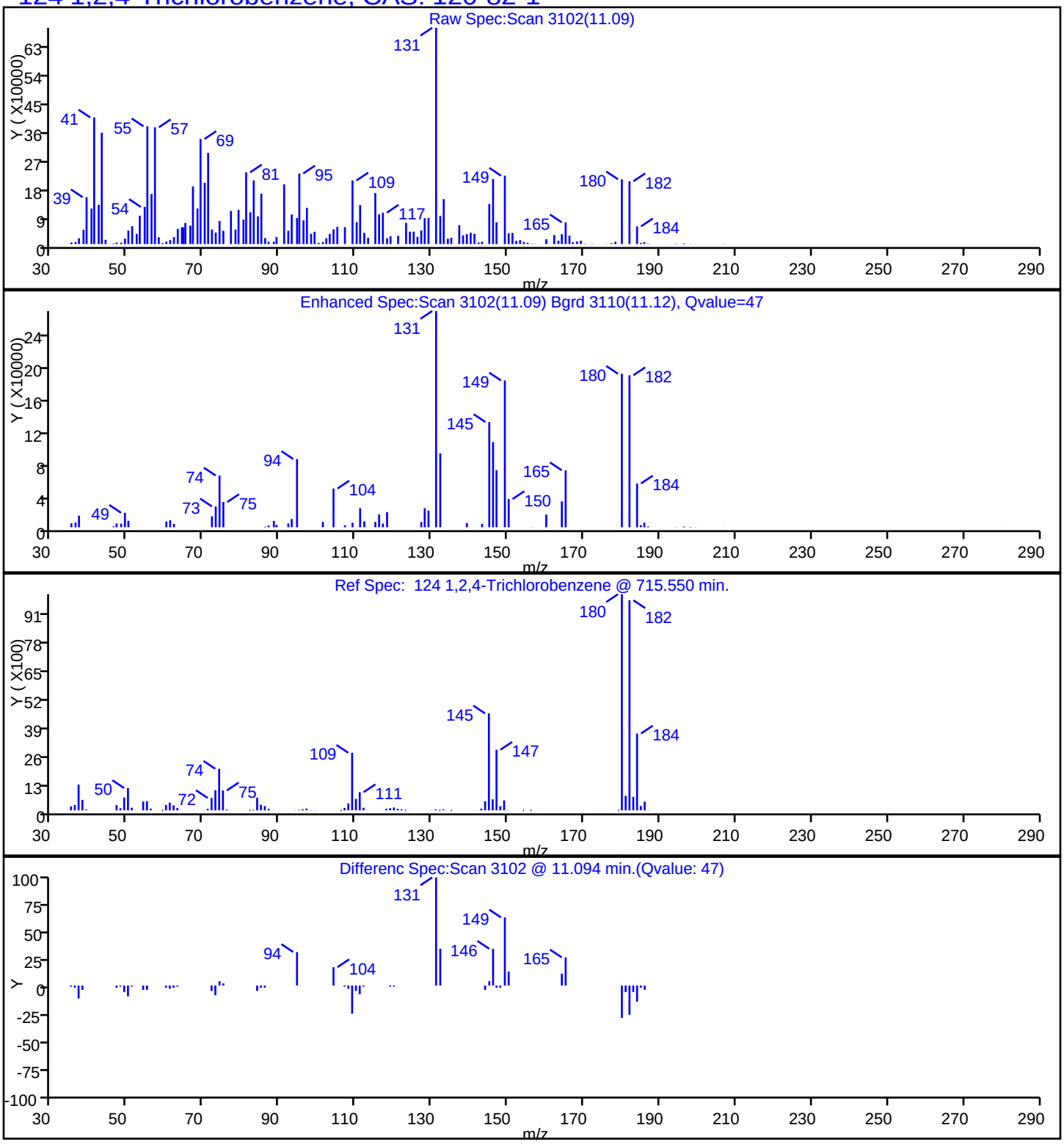
Report Date: 15-Mar-2014 13:28:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date:	13-Mar-2014 13:05:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-14-A	Lab Sample ID:	460-72174-14		
Client ID:	PMP-6SW-WT				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



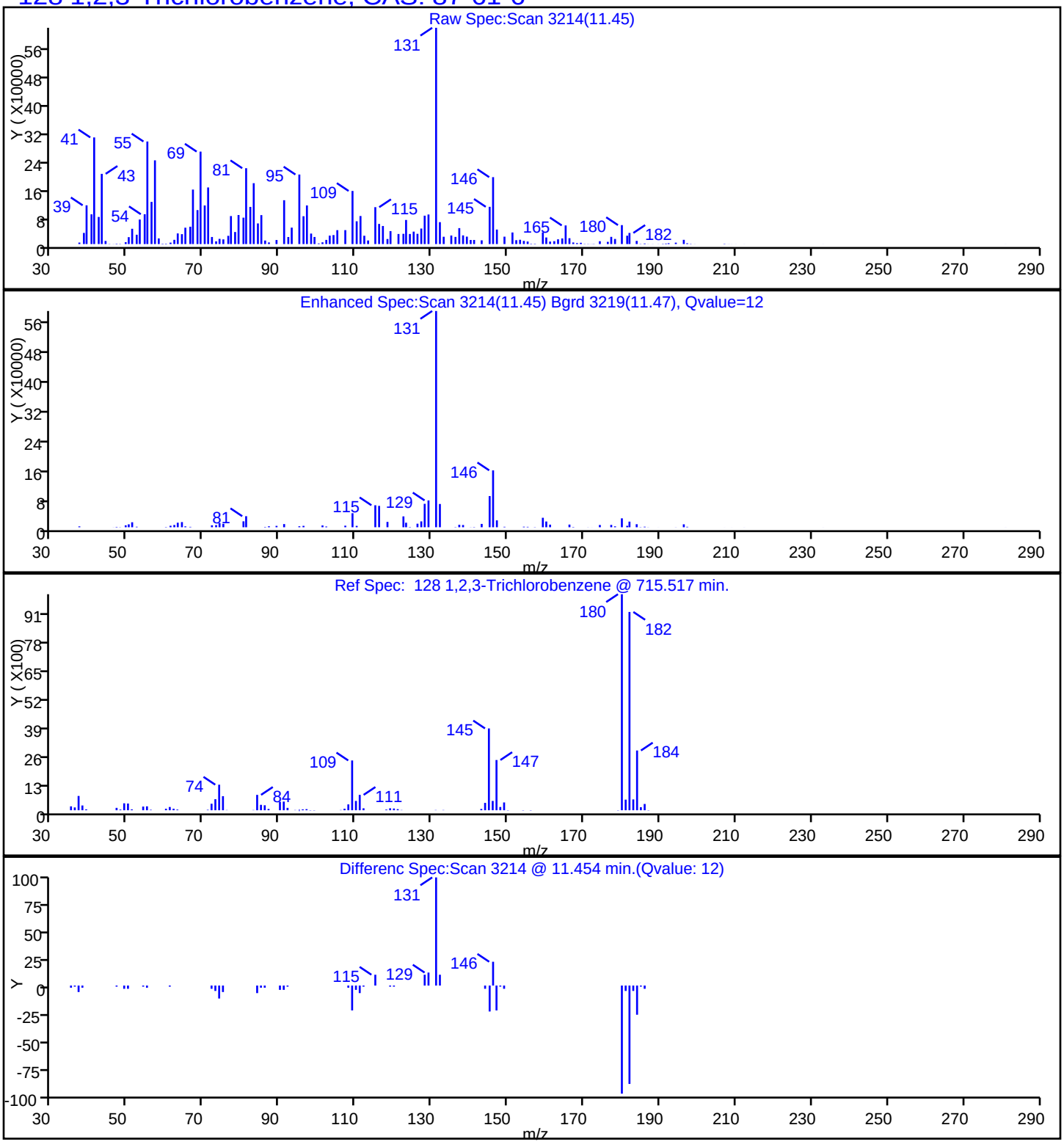
Report Date: 15-Mar-2014 13:28:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date:	13-Mar-2014 13:05:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-14-A	Lab Sample ID:	460-72174-14		
Client ID:	PMP-6SW-WT				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



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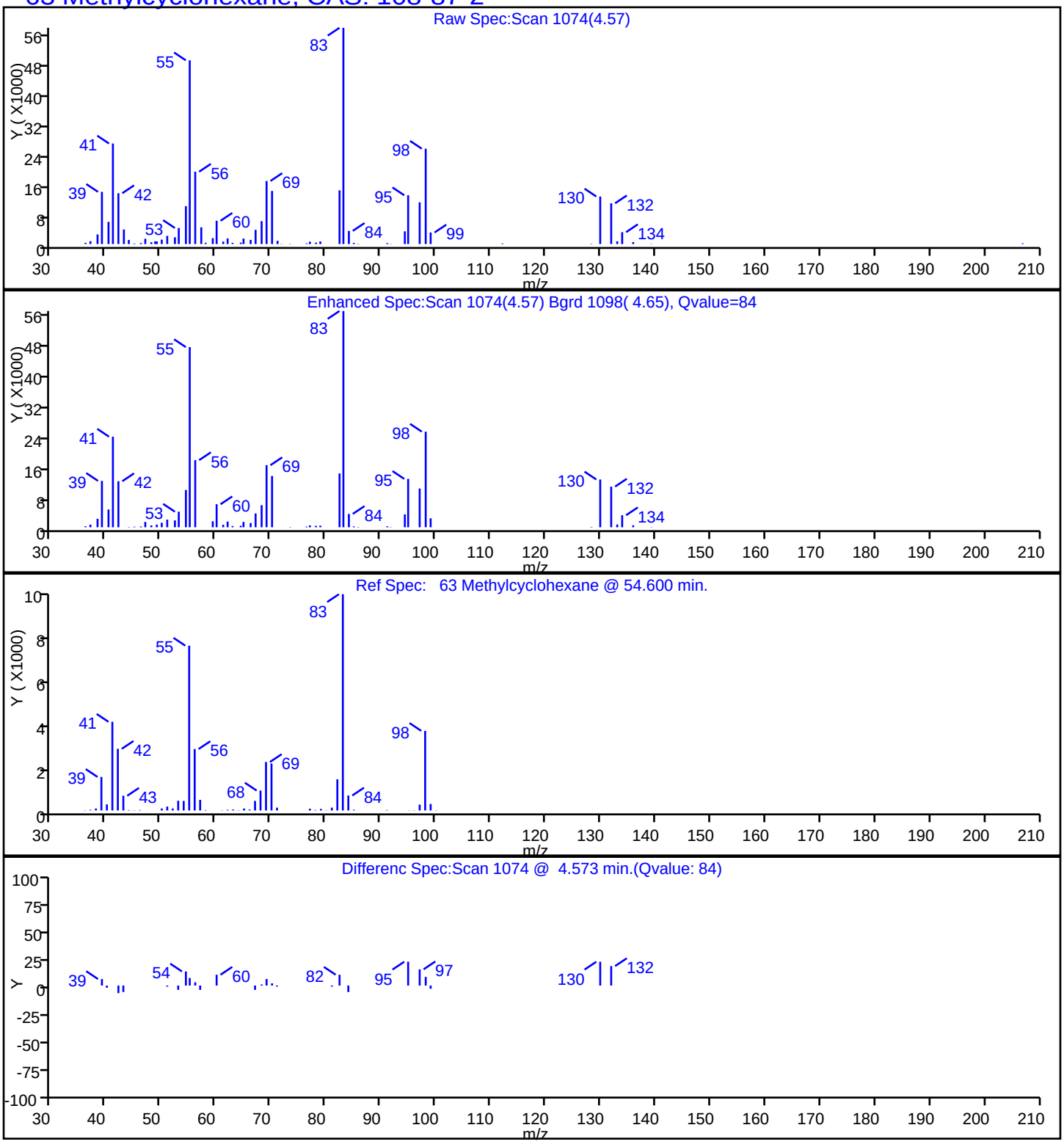
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date:	13-Mar-2014 13:05:30	Instrument ID:	CVOAMS4
Lims ID:	460-72174-B-14-A	Lab Sample ID:	460-72174-14
Client ID:	PMP-6SW-WT		
Operator ID:		ALS Bottle#:	17 Worklist Smp#: 18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

63 Methylcyclohexane, CAS: 108-87-2



Report Date: 15-Mar-2014 13:28:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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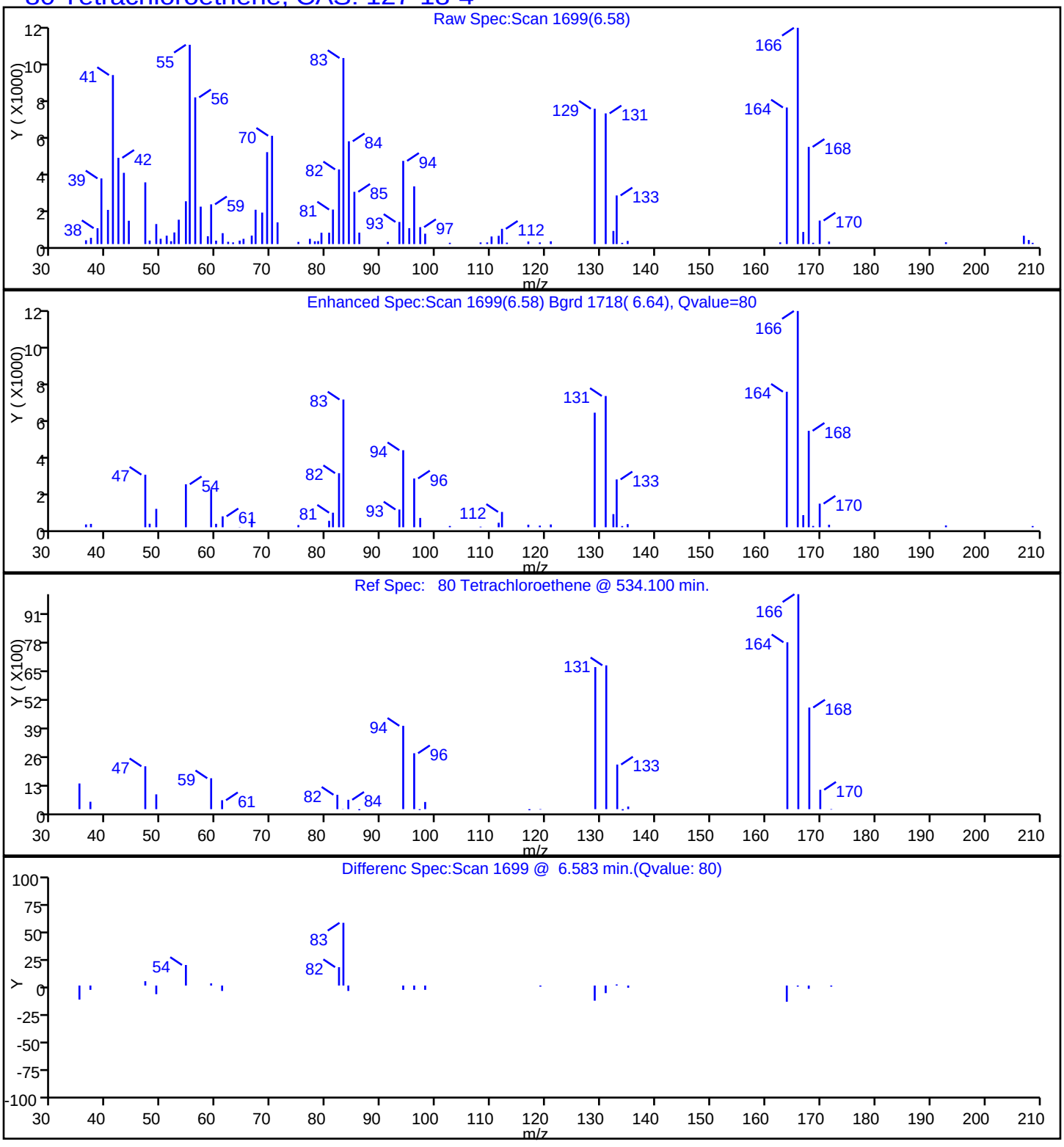
Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date:	13-Mar-2014 13:05:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-14-A	Lab Sample ID:	460-72174-14		
Client ID:	PMP-6SW-WT				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

80 Tetrachloroethene, CAS: 127-18-4



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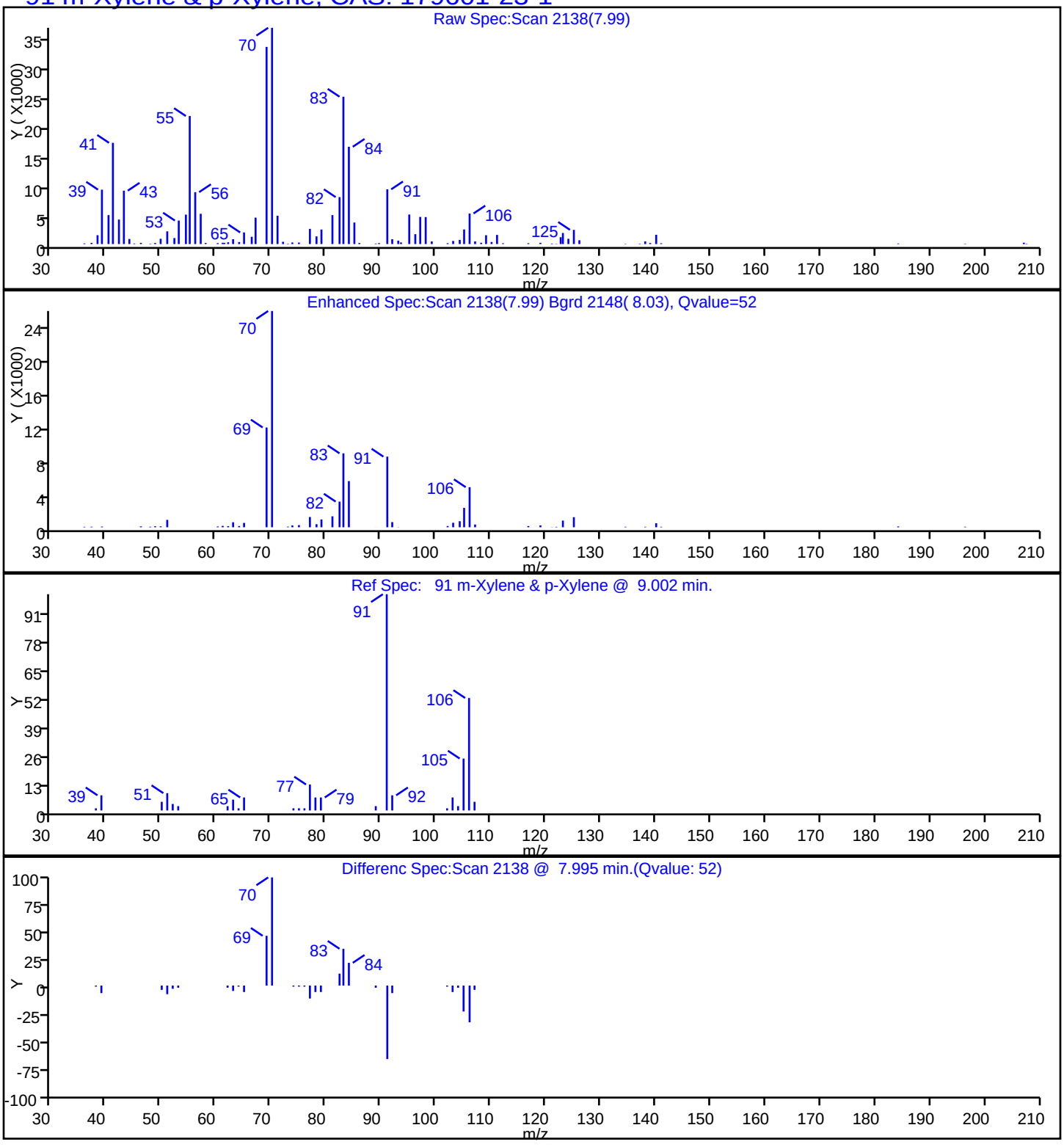
Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date:	13-Mar-2014 13:05:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-14-A	Lab Sample ID:	460-72174-14		
Client ID:	PMP-6SW-WT				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

91 m-Xylene & p-Xylene, CAS: 179601-23-1



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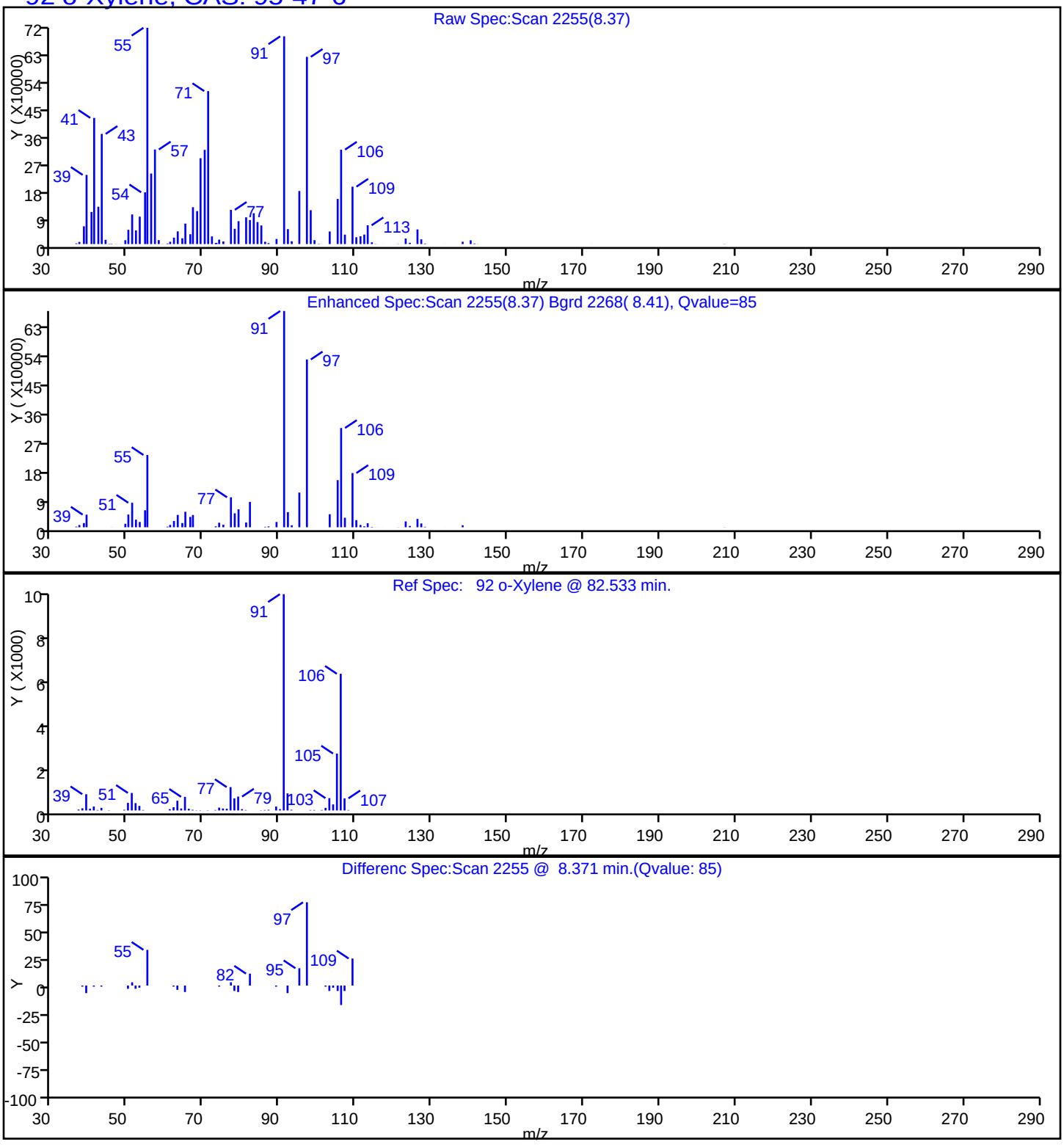
Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date:	13-Mar-2014 13:05:30	Instrument ID:	CVOAMS4
Lims ID:	460-72174-B-14-A	Lab Sample ID:	460-72174-14
Client ID:	PMP-6SW-WT		
Operator ID:		ALS Bottle#:	17 Worklist Smp#: 18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

92 o-Xylene, CAS: 95-47-6



Report Date: 15-Mar-2014 13:28:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date: 13-Mar-2014 13:05:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-14-A Lab Sample ID: 460-72174-14

Client ID: PMP-6SW-WT

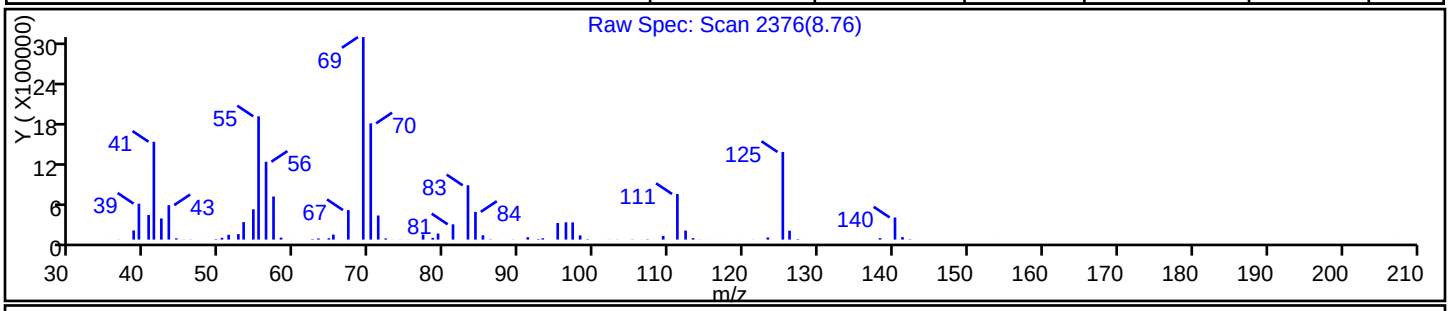
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18

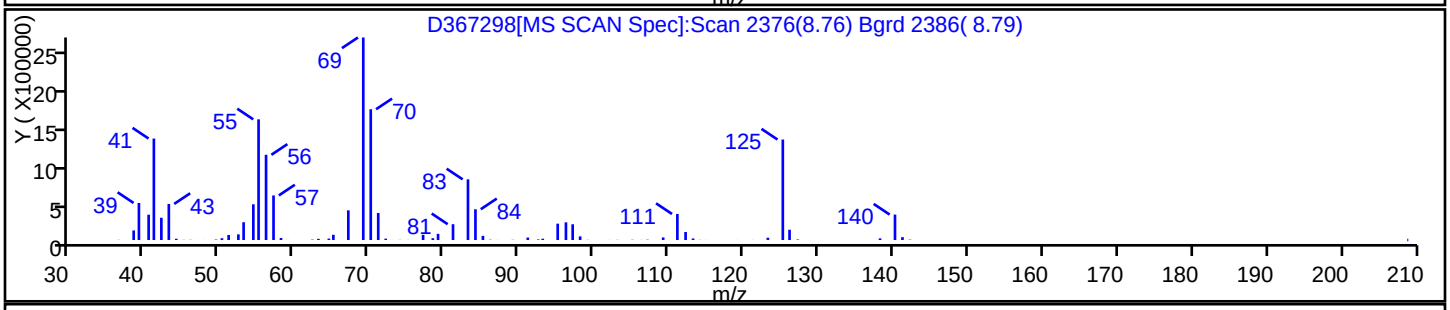
Purge Vol: 5.000 mL Dil. Factor: 1.0000

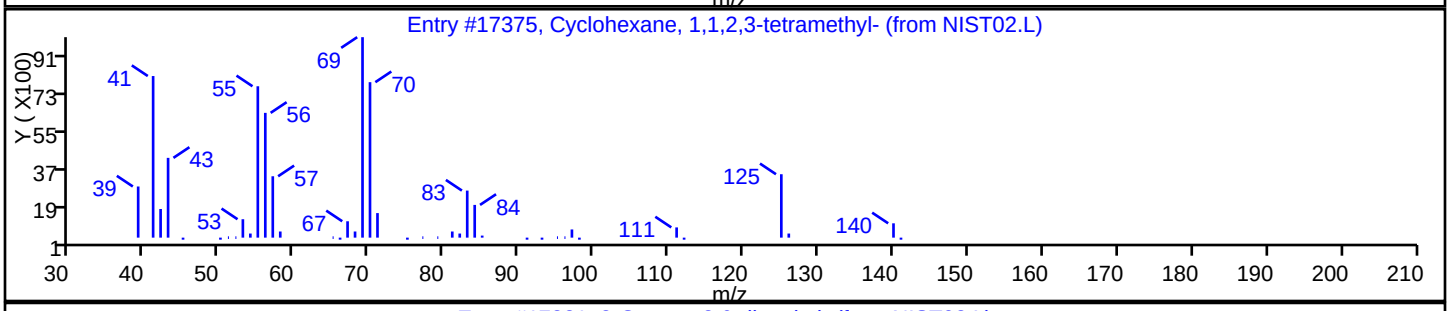
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

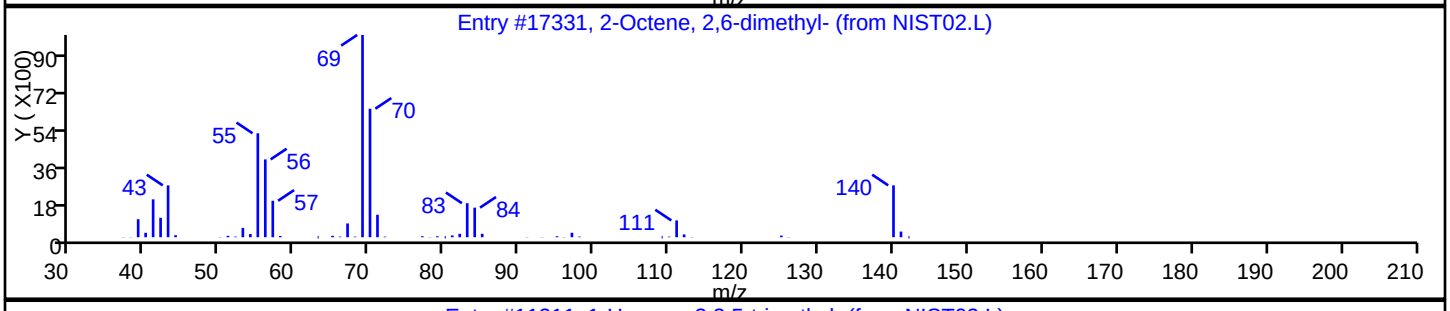
Column: Detector MS SCAN

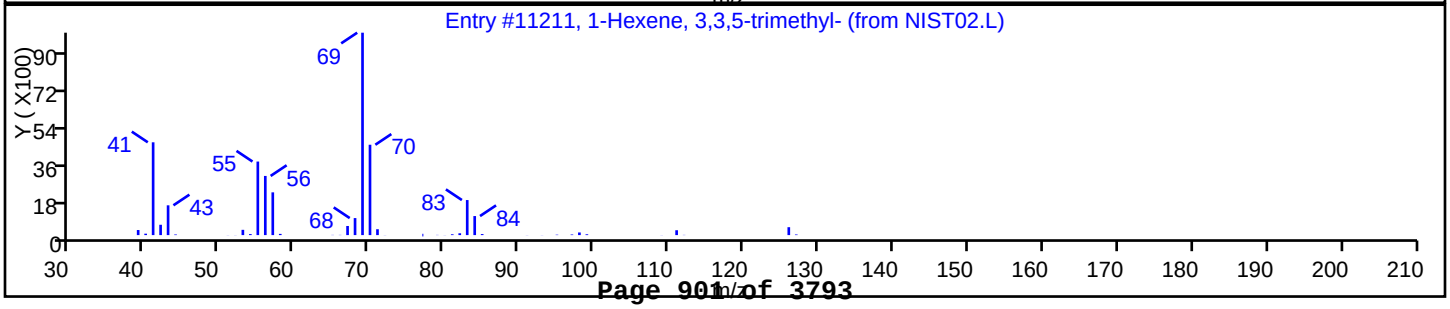
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, 1,1,2,3-tetramethyl-	6783-92-2	NIST02.L	17375	C10H20	140	94
2-Octene, 2,6-dimethyl-	4057-42-5	NIST02.L	17331	C10H20	140	93
1-Hexene, 3,3,5-trimethyl-	13427-43-5	NIST02.L	11211	C9H18	126	58











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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date: 13-Mar-2014 13:05:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-14-A Lab Sample ID: 460-72174-14

Client ID: PMP-6SW-WT

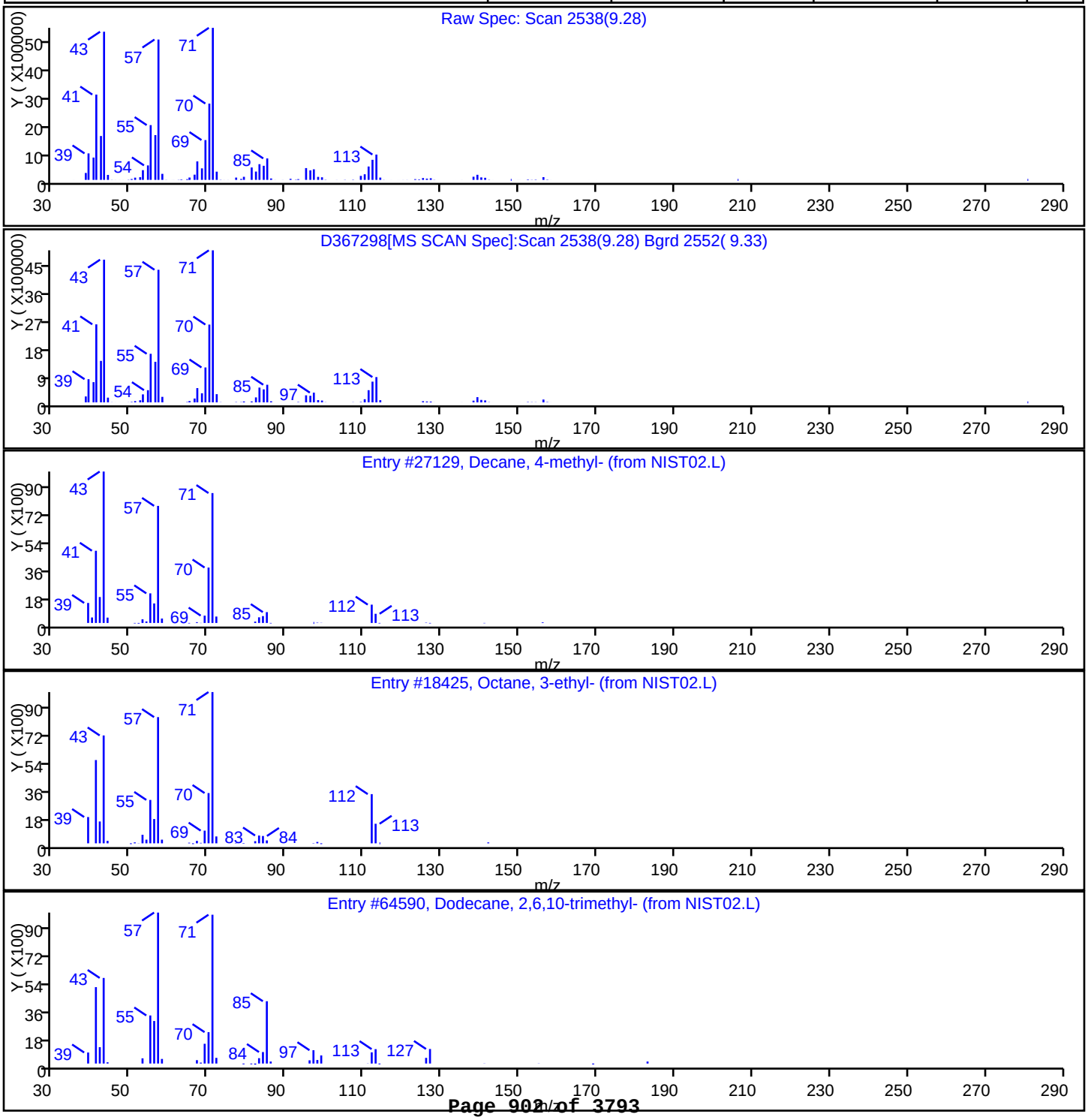
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decane, 4-methyl-	2847-72-5	NIST02.L	27129	C11H24	156	87
Octane, 3-ethyl-	5881-17-4	NIST02.L	18425	C10H22	142	53
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	C15H32	212	50



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Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date: 13-Mar-2014 13:05:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-14-A Lab Sample ID: 460-72174-14

Client ID: PMP-6SW-WT

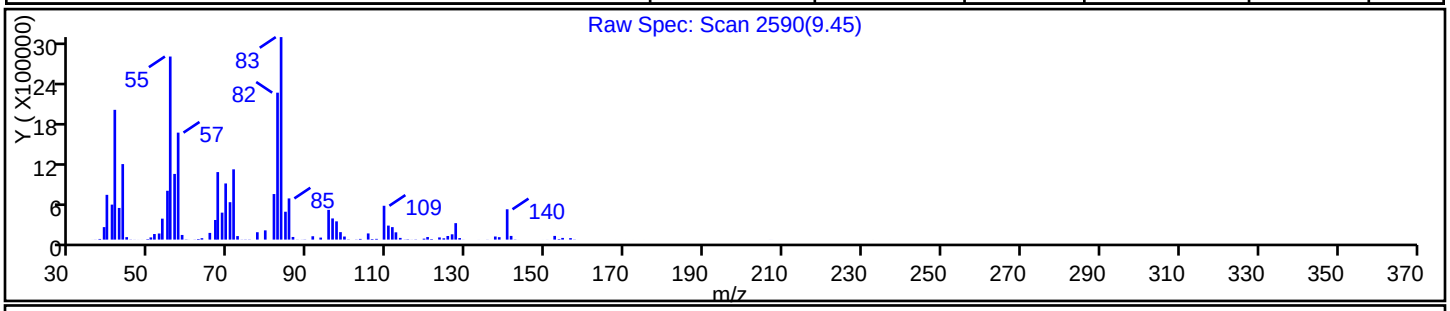
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18

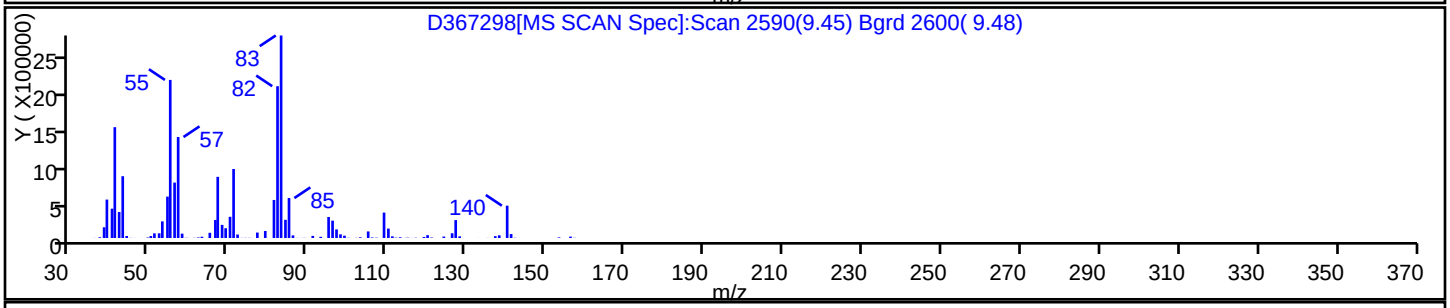
Purge Vol: 5.000 mL Dil. Factor: 1.0000

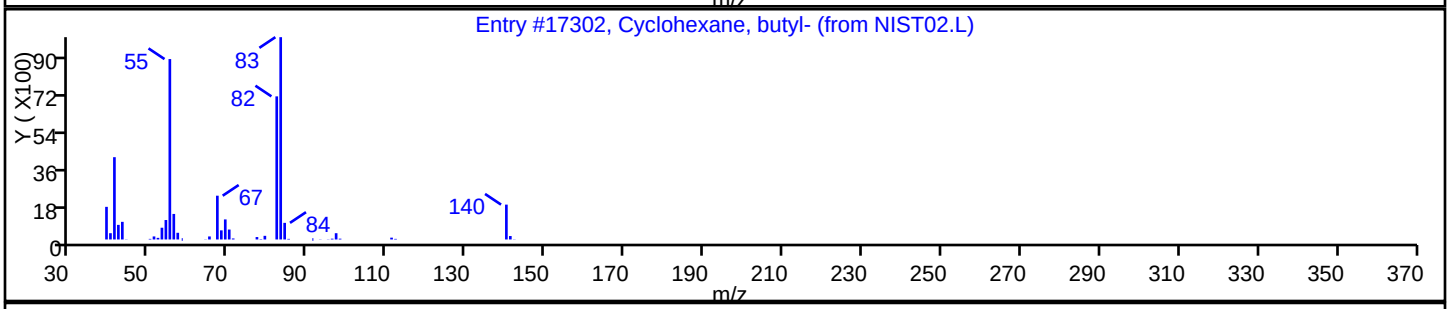
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

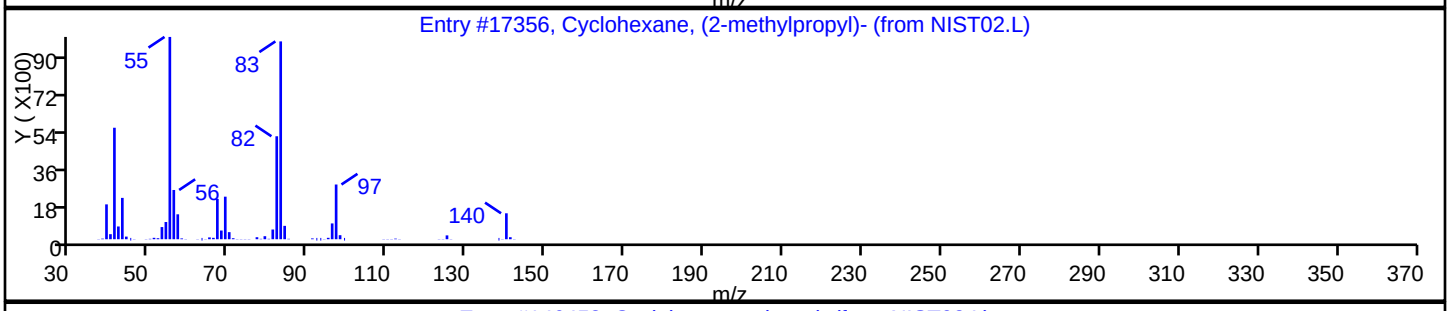
Column: Detector MS SCAN

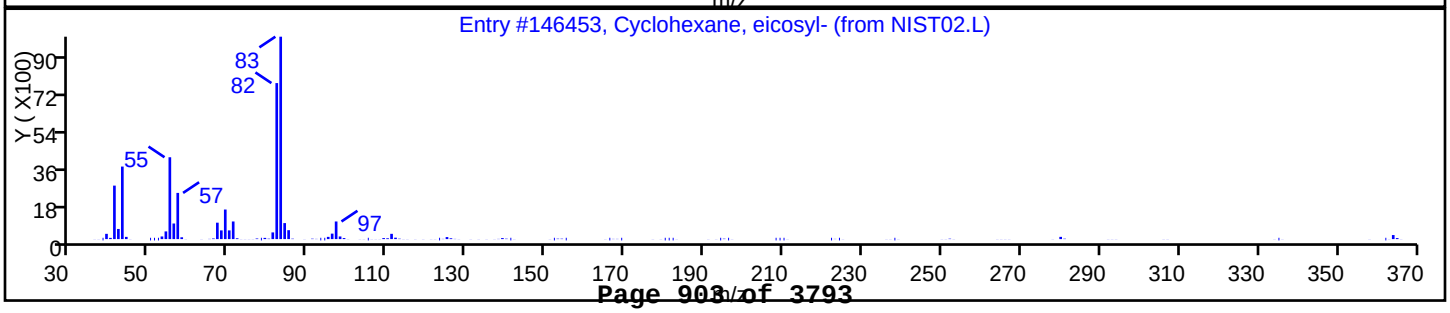
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, butyl-	1678-93-9	NIST02.L	17302	C10H20	140	62
Cyclohexane, (2-methylpropyl)-	1678-98-4	NIST02.L	17356	C10H20	140	62
Cyclohexane, eicosyl-	4443-55-4	NIST02.L	146453	C26H52	364	59











Report Date: 15-Mar-2014 13:28:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date: 13-Mar-2014 13:05:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-14-A Lab Sample ID: 460-72174-14

Client ID: PMP-6SW-WT

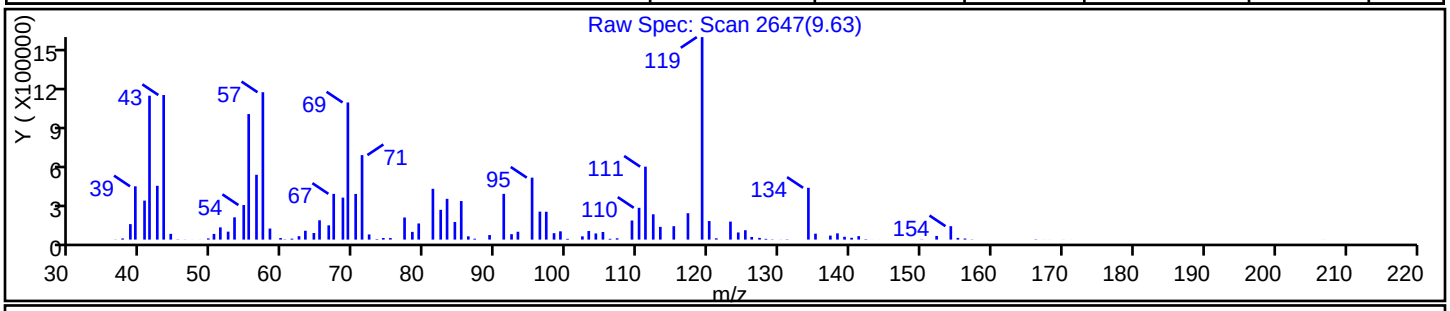
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18

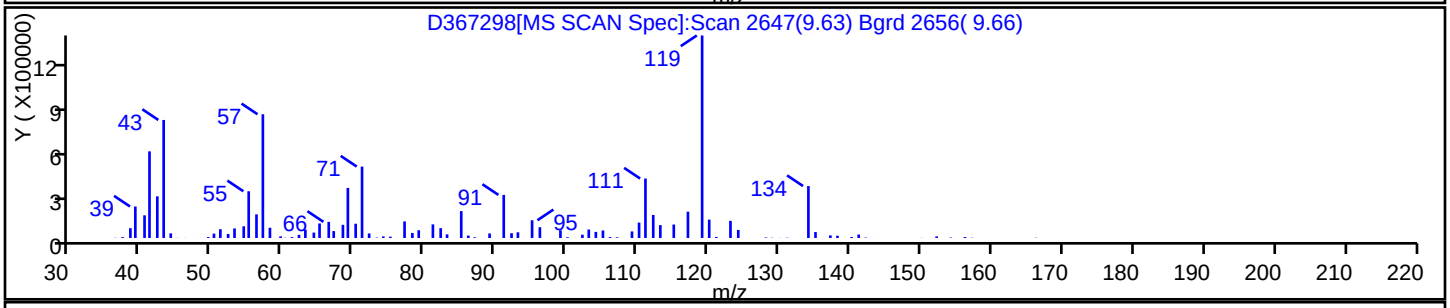
Purge Vol: 5.000 mL Dil. Factor: 1.0000

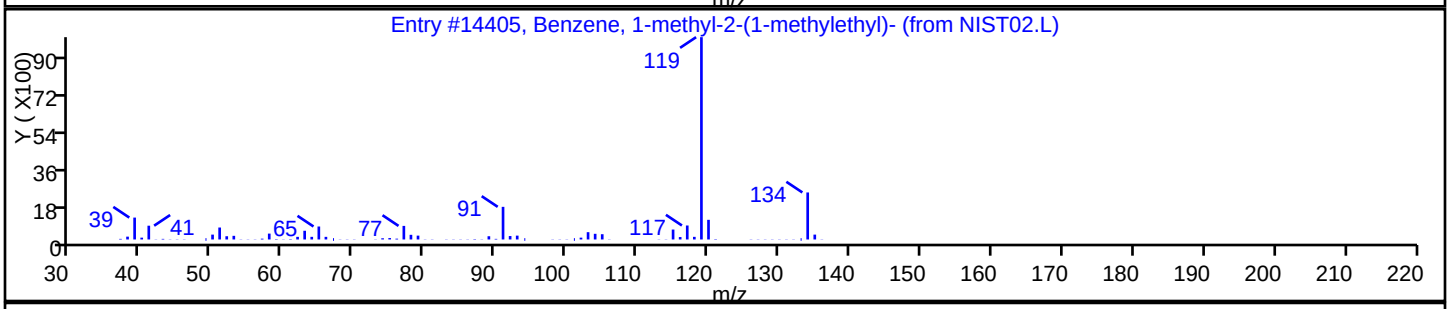
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

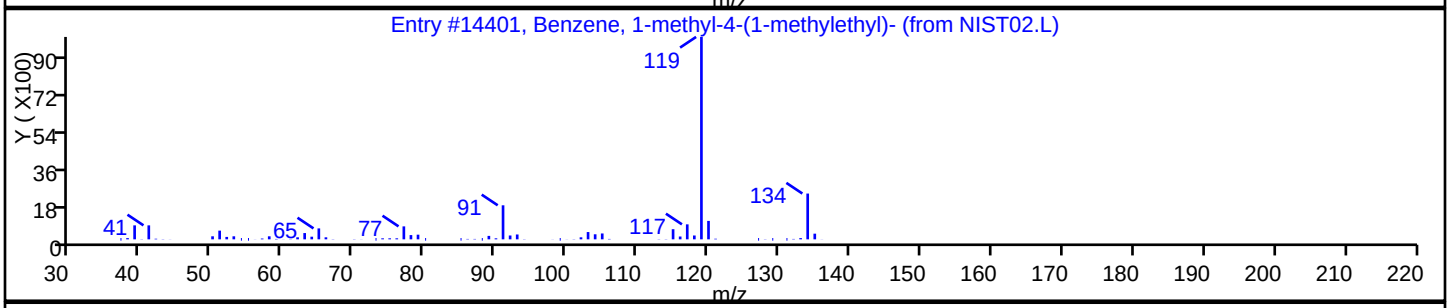
Column: Detector MS SCAN

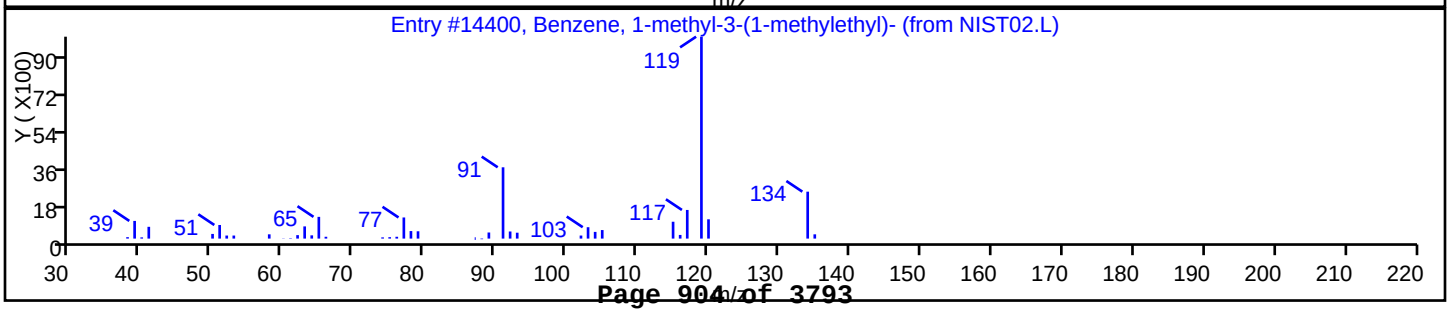
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14405	C10H14	134	87
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NIST02.L	14401	C10H14	134	87
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NIST02.L	14400	C10H14	134	70











Report Date: 15-Mar-2014 13:28:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date: 13-Mar-2014 13:05:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-14-A Lab Sample ID: 460-72174-14

Client ID: PMP-6SW-WT

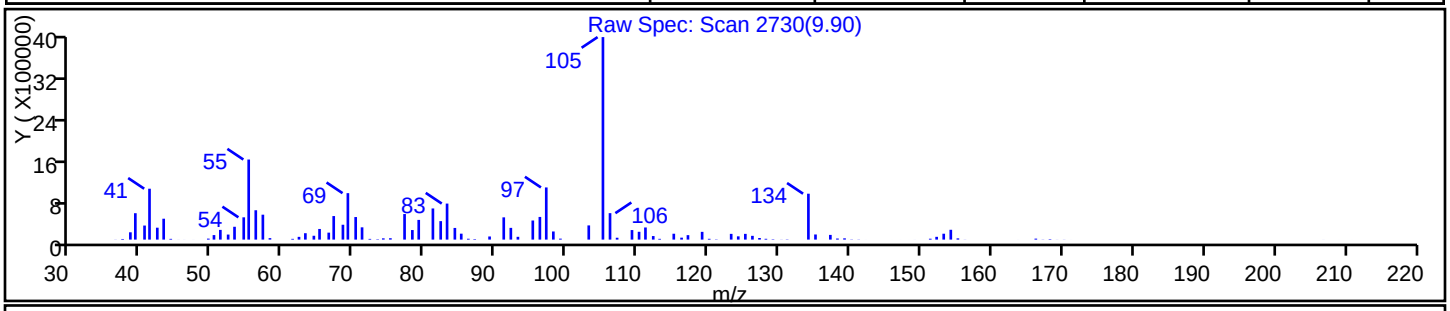
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18

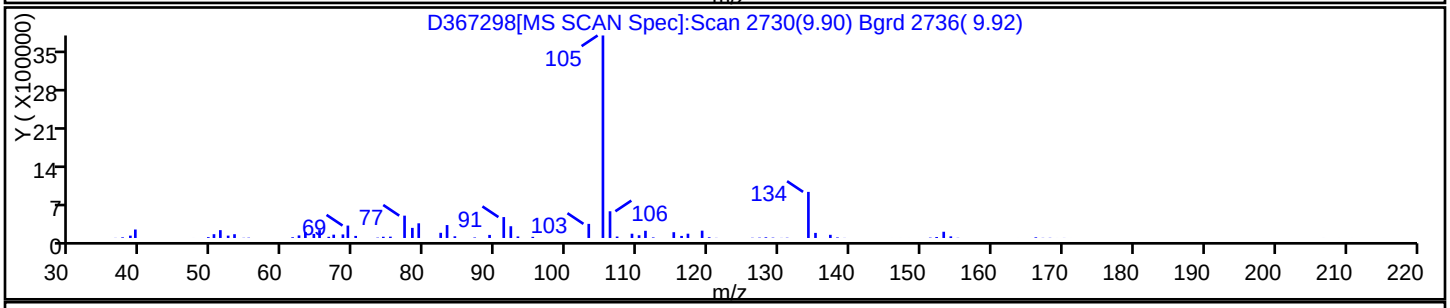
Purge Vol: 5.000 mL Dil. Factor: 1.0000

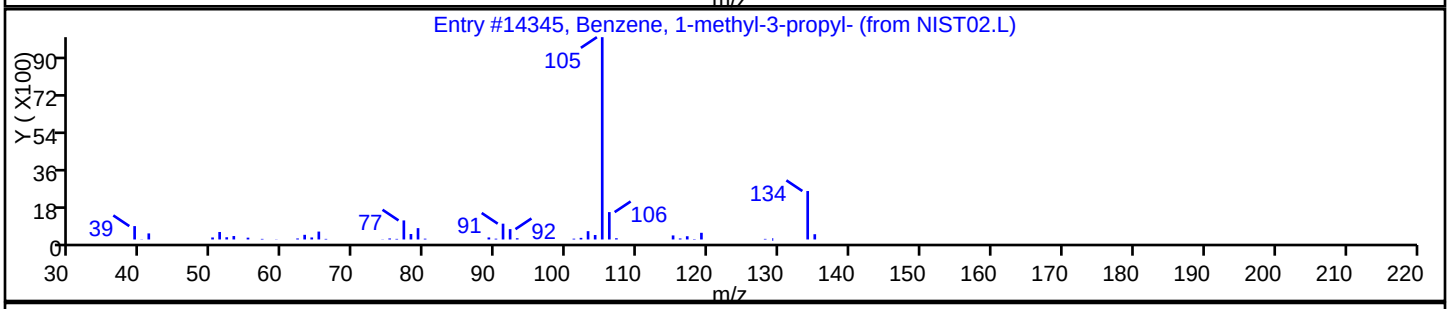
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

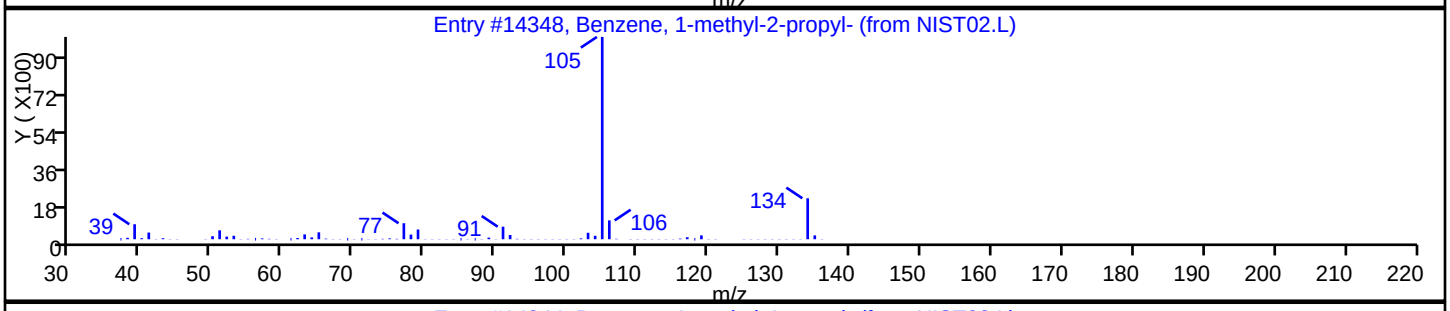
Column: Detector MS SCAN

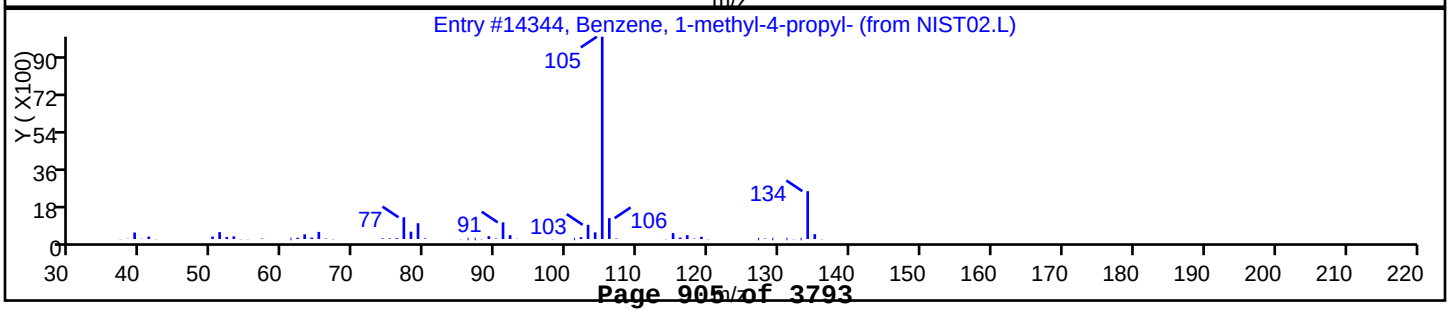
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-3-propyl-	1074-43-7	NIST02.L	14345	C10H14	134	93
Benzene, 1-methyl-2-propyl-	1074-17-5	NIST02.L	14348	C10H14	134	90
Benzene, 1-methyl-4-propyl-	1074-55-1	NIST02.L	14344	C10H14	134	87











Report Date: 15-Mar-2014 13:28:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date: 13-Mar-2014 13:05:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-14-A Lab Sample ID: 460-72174-14

Client ID: PMP-6SW-WT

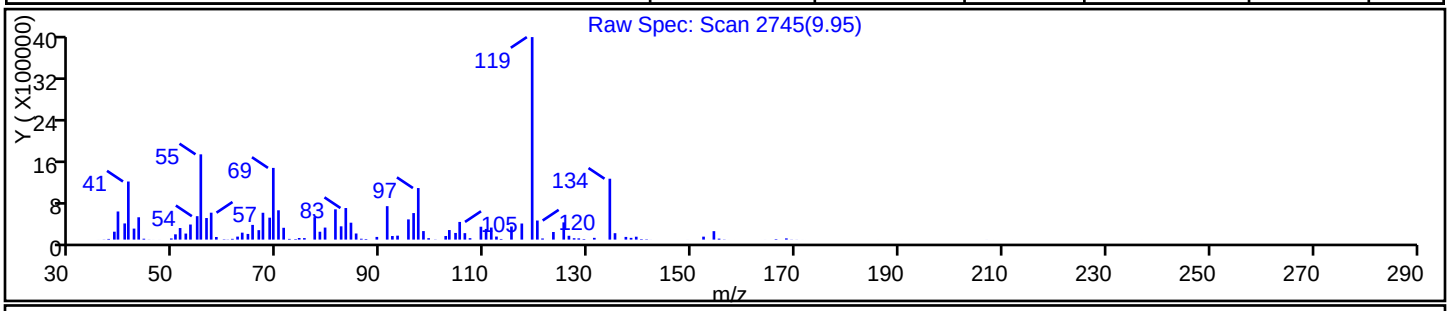
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18

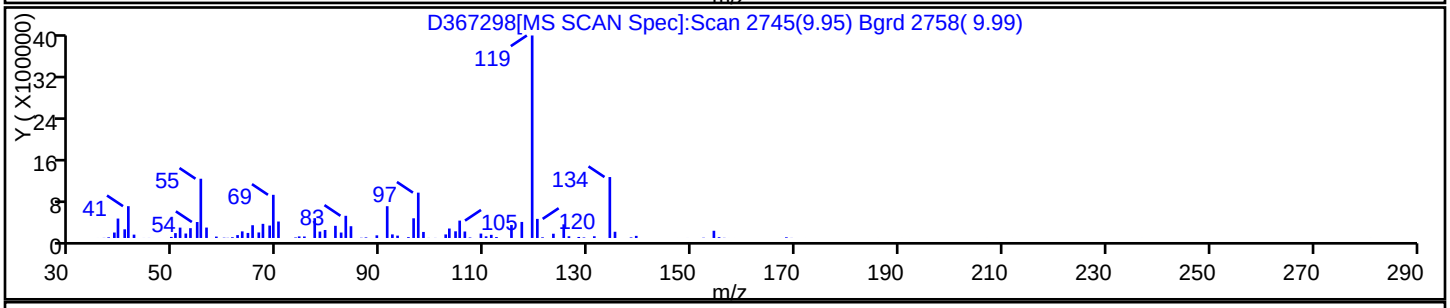
Purge Vol: 5.000 mL Dil. Factor: 1.0000

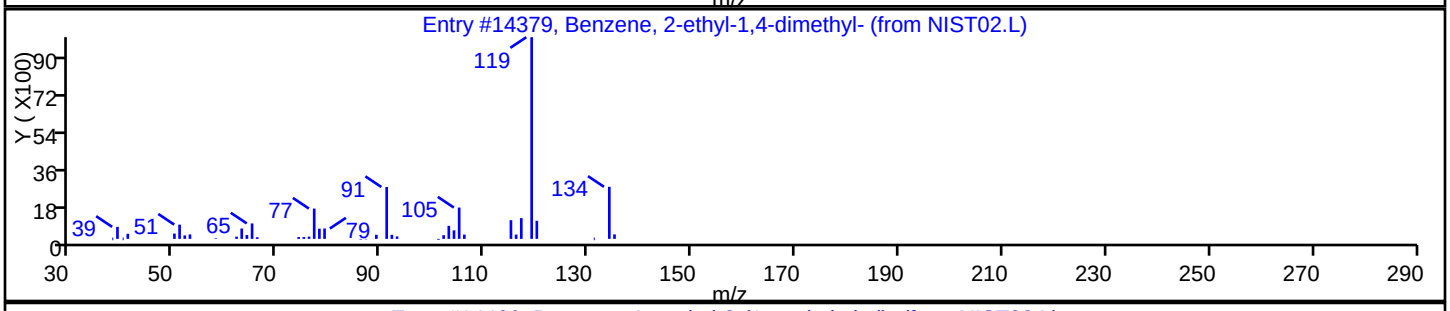
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

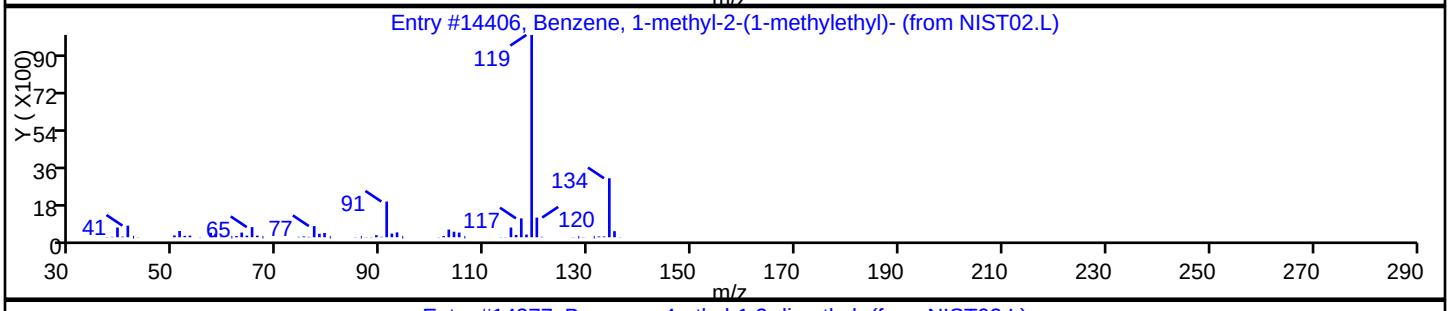
Column: Detector MS SCAN

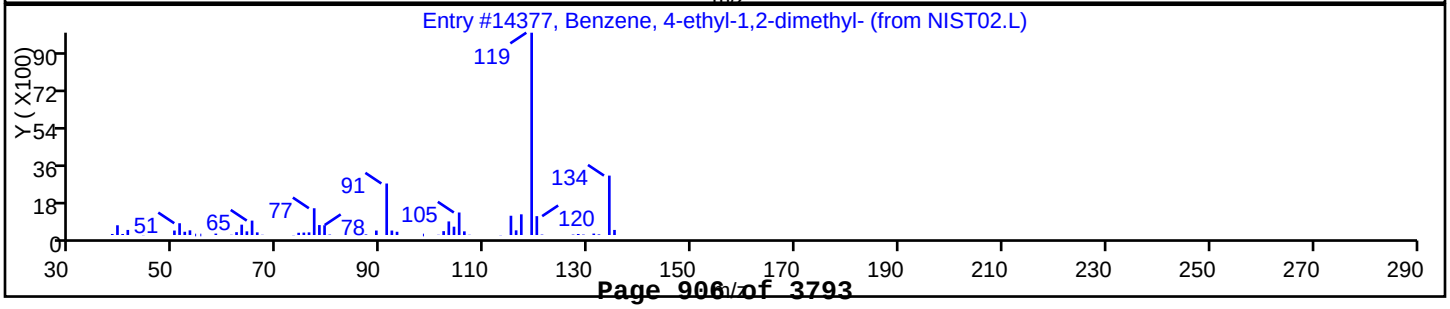
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.L	14379	C10H14	134	94
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14406	C10H14	134	93
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.L	14377	C10H14	134	76











Report Date: 15-Mar-2014 13:28:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date: 13-Mar-2014 13:05:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-14-A Lab Sample ID: 460-72174-14

Client ID: PMP-6SW-WT

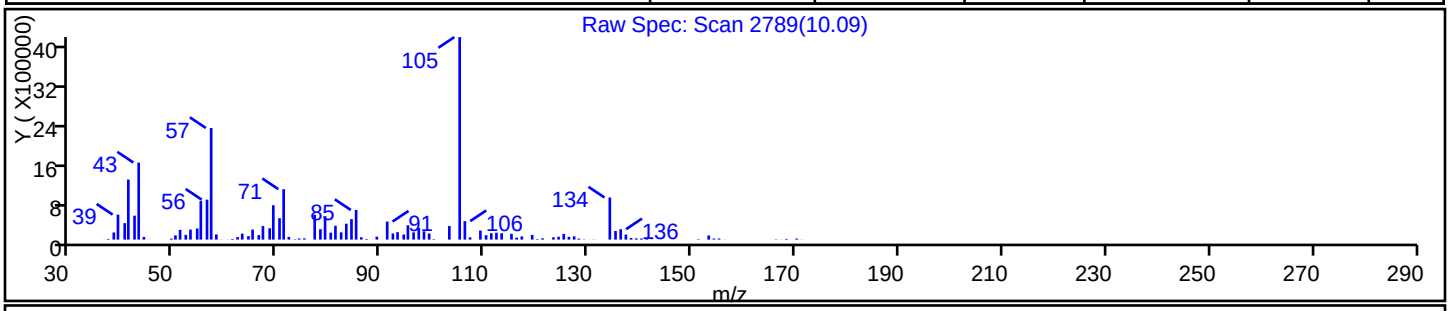
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18

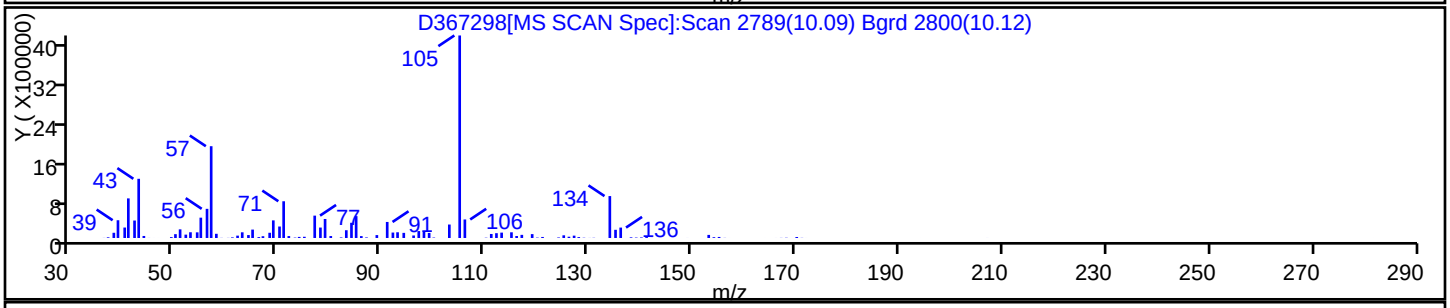
Purge Vol: 5.000 mL Dil. Factor: 1.0000

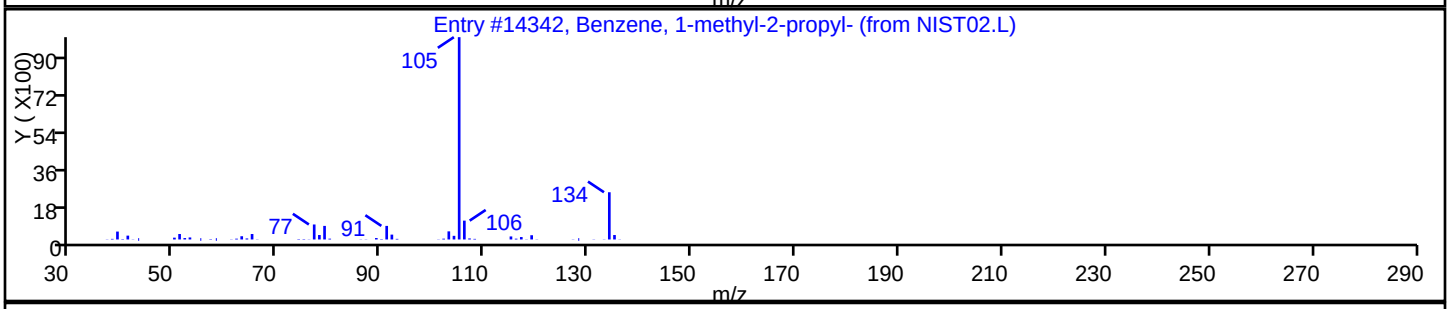
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

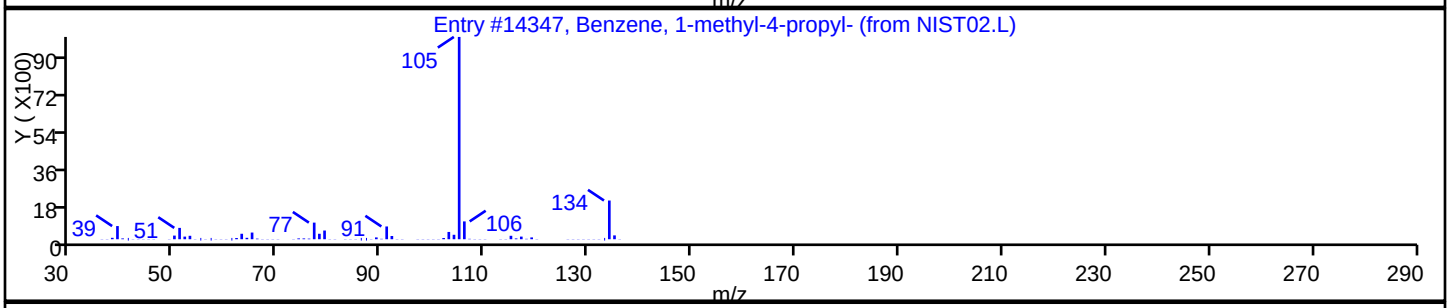
Column: Detector MS SCAN

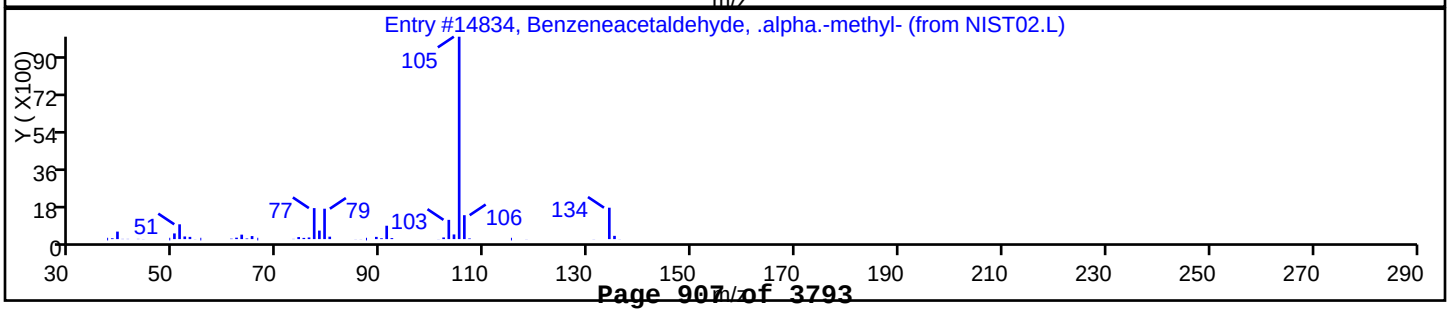
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-2-propyl-	1074-17-5	NIST02.L	14342	C10H14	134	70
Benzene, 1-methyl-4-propyl-	1074-55-1	NIST02.L	14347	C10H14	134	70
Benzeneacetaldehyde, .alpha.-methyl-	93-53-8	NIST02.L	14834	C9H10O	134	62











Report Date: 15-Mar-2014 13:28:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date: 13-Mar-2014 13:05:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-14-A Lab Sample ID: 460-72174-14

Client ID: PMP-6SW-WT

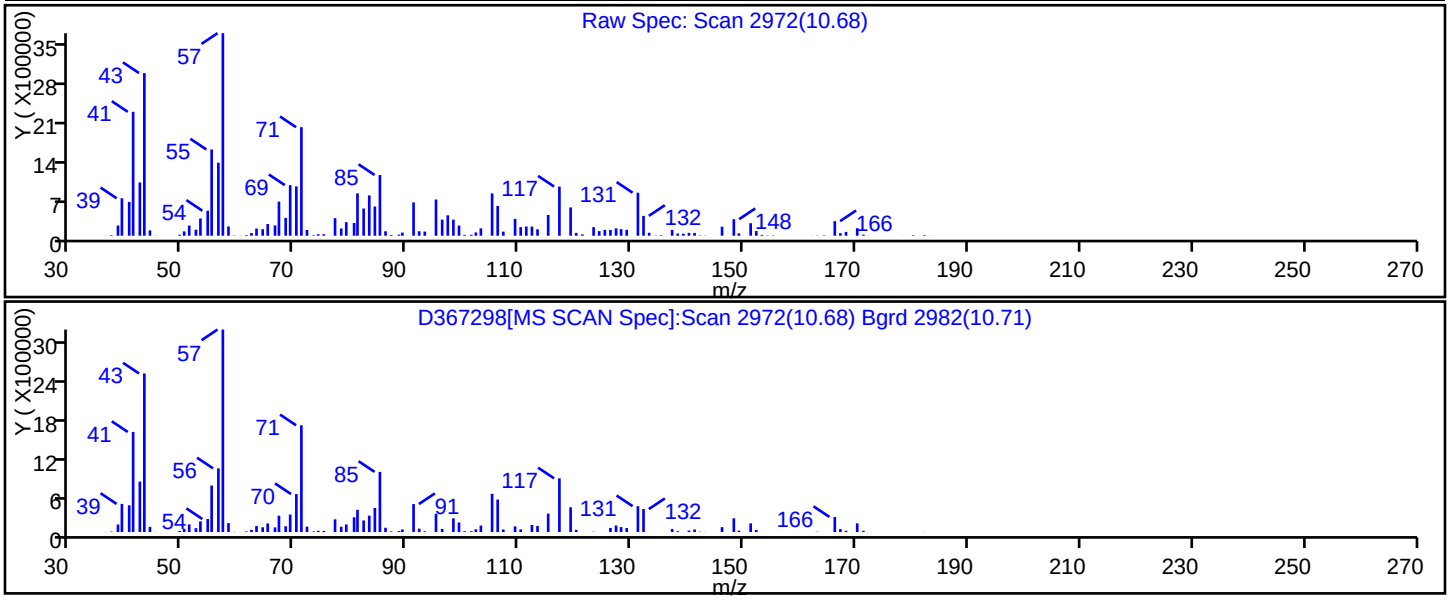
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18

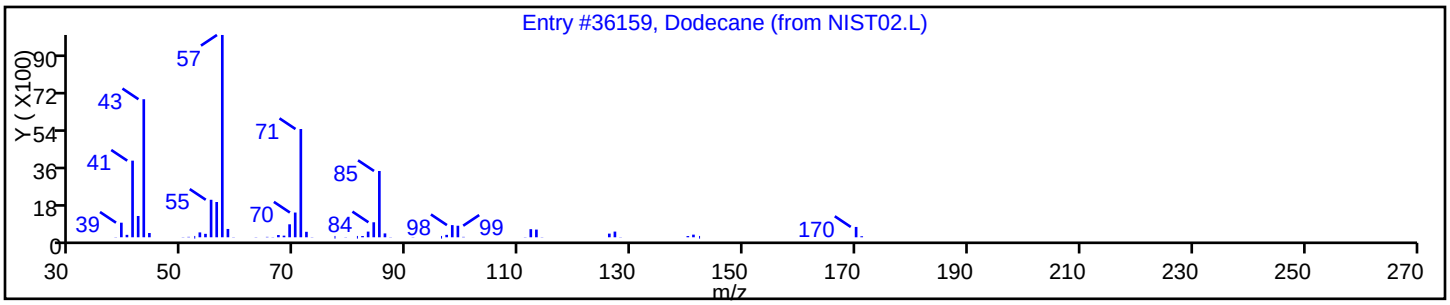
Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown		NIST02.L	0		0	0
Dodecane	112-40-3	NIST02.L	36159	C12H26	170	50





Report Date: 15-Mar-2014 13:28:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date: 13-Mar-2014 13:05:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-14-A Lab Sample ID: 460-72174-14

Client ID: PMP-6SW-WT

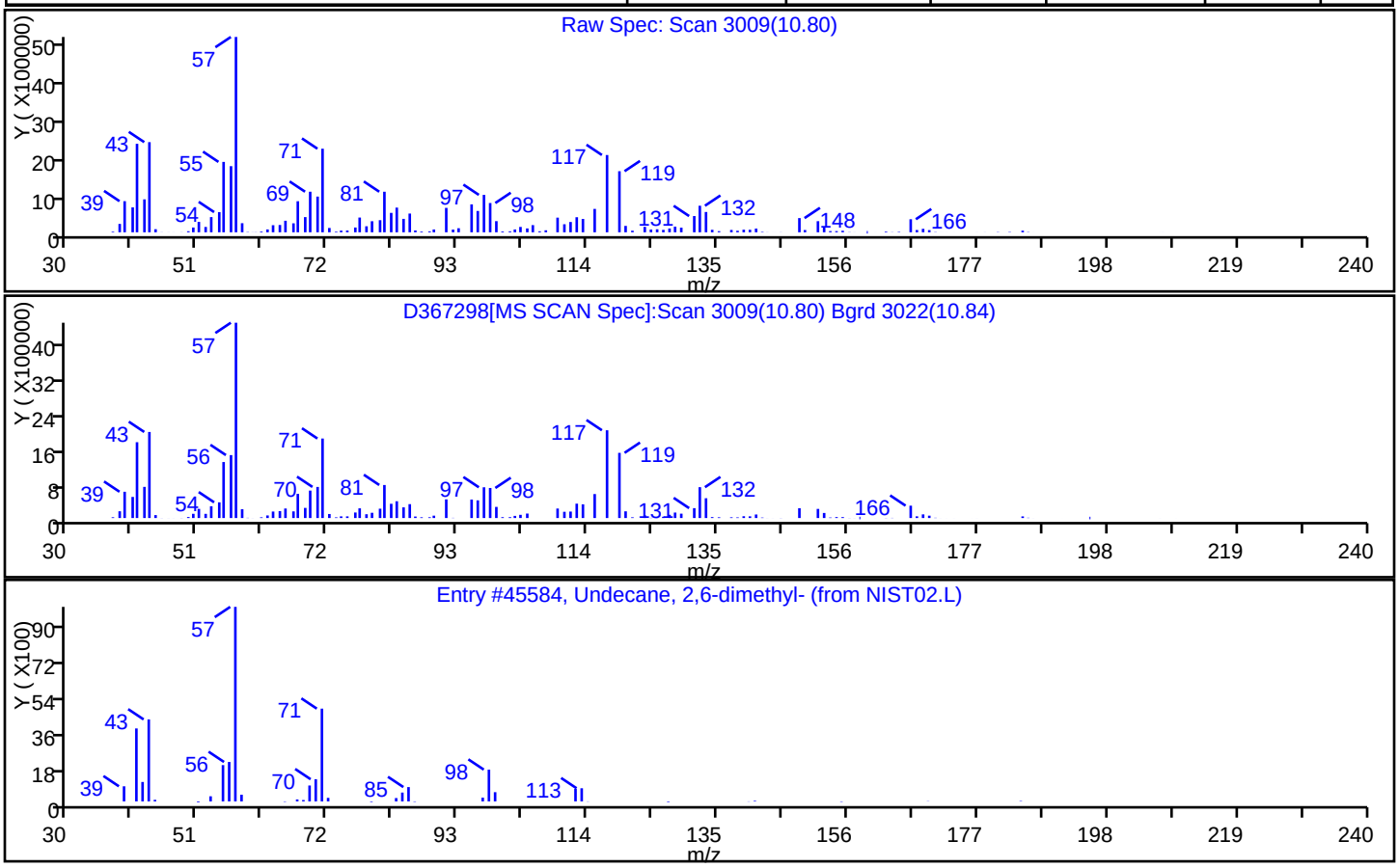
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.L	45584	C13H28	184	83



Report Date: 15-Mar-2014 13:28:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367298.D

Injection Date: 13-Mar-2014 13:05:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-14-A Lab Sample ID: 460-72174-14

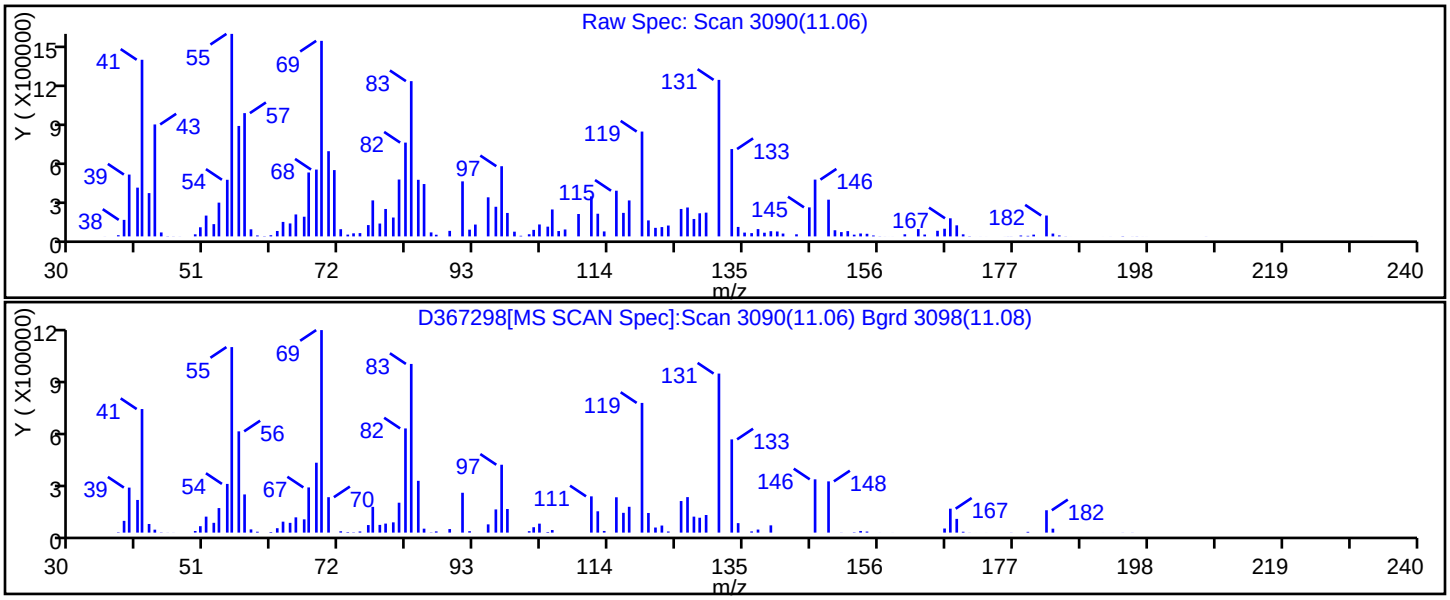
Client ID: PMP-6SW-WT

Operator ID: ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Solution Library Matches Found above the Threshold: 40 Detector MS SCAN



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-SI | Lab Sample ID: 460-72174-15

Matrix: Solid | Lab File ID: D367331.D

Analysis Method: 8260B | Date Collected: 03/06/2014 11:30

Sample wt/vol: 6.304(g) | Date Analyzed: 03/14/2014 03:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.0 | Level: (low/med) Low

Analysis Batch No.: 212478 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.14	U	0.90	0.14
74-83-9	Bromomethane	0.39	U	0.90	0.39
75-01-4	Vinyl chloride	0.31	U	0.90	0.31
75-00-3	Chloroethane	0.30	U	0.90	0.30
75-09-2	Methylene Chloride	0.14	U	0.90	0.14
67-64-1	Acetone	780	B	4.5	1.5
75-15-0	Carbon disulfide	34		0.90	0.14
75-69-4	Trichlorofluoromethane	0.14	U	0.90	0.14
75-35-4	1,1-Dichloroethene	0.17	U	0.90	0.17
75-34-3	1,1-Dichloroethane	0.099	U	0.90	0.099
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.90	0.12
156-59-2	cis-1,2-Dichloroethene	4.1		0.90	0.099
67-66-3	Chloroform	160		0.90	0.22
78-93-3	2-Butanone	82		4.5	0.57
107-06-2	1,2-Dichloroethane	0.16	U	0.90	0.16
71-55-6	1,1,1-Trichloroethane	0.29	J	0.90	0.12
56-23-5	Carbon tetrachloride	0.14	U	0.90	0.14
71-43-2	Benzene	0.37	J	0.90	0.14
75-25-2	Bromoform	0.15	U	0.90	0.15
100-42-5	Styrene	0.25	U	0.90	0.25
100-41-4	Ethylbenzene	36		0.90	0.15
108-90-7	Chlorobenzene	5.0		0.90	0.16
110-82-7	Cyclohexane	7.1		0.90	0.12
98-82-8	Isopropylbenzene	46		0.90	0.099
591-78-6	2-Hexanone	0.12	U	4.5	0.12
1634-04-4	MTBE	0.099	U	0.90	0.099
76-13-1	Freon TF	0.099	U	0.90	0.099
79-20-9	Methyl acetate	0.29	U	4.5	0.29
123-91-1	1,4-Dioxane	11	U	18	11
79-01-6	Trichloroethene	9.6		0.90	0.11
108-88-3	Toluene	3.5		0.90	0.13
10061-02-6	trans-1,3-Dichloropropene	0.090	U	0.90	0.090
108-10-1	4-Methyl-2-pentanone	0.18	U	4.5	0.18
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.90	0.13
95-50-1	1,2-Dichlorobenzene	9.6		0.90	0.090
541-73-1	1,3-Dichlorobenzene	0.14	U	0.90	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-SI | Lab Sample ID: 460-72174-15

Matrix: Solid | Lab File ID: D367331.D

Analysis Method: 8260B | Date Collected: 03/06/2014 11:30

Sample wt/vol: 6.304(g) | Date Analyzed: 03/14/2014 03:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.0 | Level: (low/med) Low

Analysis Batch No.: 212478 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.6		0.90	0.099
120-82-1	1,2,4-Trichlorobenzene	49		0.90	0.17
87-61-6	1,2,3-Trichlorobenzene	18		0.90	0.14
78-87-5	1,2-Dichloropropane	0.14	U	0.90	0.14
108-87-2	Methylcyclohexane	100		0.90	0.090
127-18-4	Tetrachloroethene	4.9		0.90	0.11
1330-20-7	Xylenes, Total	140		1.8	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	0.90	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.081	U	0.90	0.081
79-00-5	1,1,2-Trichloroethane	0.13	U	0.90	0.13
124-48-1	Dibromochloromethane	0.090	U	0.90	0.090
106-93-4	1,2-Dibromoethane	0.14	U	0.90	0.14
75-71-8	Dichlorodifluoromethane	0.20	U	0.90	0.20
74-97-5	Bromochloromethane	0.099	U	0.90	0.099
75-27-4	Bromodichloromethane	0.29	U	0.90	0.29

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-130
2037-26-5	Toluene-d8 (Surr)	113		70-130
460-00-4	Bromofluorobenzene	105		70-130
1868-53-7	Dibromofluoromethane (Surr)	89		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-SI Lab Sample ID: 460-72174-15

Matrix: Solid Lab File ID: D367331.D

Analysis Method: 8260B Date Collected: 03/06/2014 11:30

Sample wt/vol: 6.304(g) Date Analyzed: 03/14/2014 03:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.0 Level: (low/med) Low

Analysis Batch No.: 212478 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 1247

CAS NO.	COMPOUND NAME	RT	RESULT	Q
2051-30-1	Octane, 2,6-dimethyl-	8.74	81	J N
124-18-5	Decane	9.02	130	J N
2847-72-5	Decane, 4-methyl-	9.28	94	J N
95-63-6	Benzene, 1,2,4-trimethyl-	9.45	160	J N
526-73-8	Benzene, 1,2,3-trimethyl-	9.77	91	J N
1120-21-4	Undecane	9.93	230	J N
1074-55-1	Benzene, 1-methyl-4-propyl-	10.09	76	J N
112-40-3	Dodecane	10.67	130	J N
17301-23-4	Undecane, 2,6-dimethyl-	10.80	160	J N
6434-76-0	6-Tridecene, (E)-	11.05	95	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D
Lims ID: 460-72174-B-15-A Lab Sample ID: 460-72174-15
Client ID: PMP-6SW-SI
Sample Type: Client
Inject. Date: 14-Mar-2014 03:49:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-15-A
Misc. Info.: 460-0010833-024
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 14:27:03 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: baronm Date: 15-Mar-2014 14:31:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
21 Carbon disulfide	76	1.998	1.998	0.0	99	497846	37.8	
19 Acetone	43	2.406	2.413	-0.007	85	402186	861.5	
* 151 TBA-d9 (IS)	65	2.628	2.635	-0.007	66	96414	1000.0	
42 cis-1,2-Dichloroethene	96	3.319	3.320	-0.001	82	14120	4.51	
49 Cyclohexane	56	3.490	3.477	0.013	58	58315	7.88	
47 Chloroform	83	3.548	3.551	-0.003	83	848746	182.7	
$ 152 Dibromofluoromethane (Surr)	113	3.702	3.699	0.003	89	78857	44.6	
50 1,1,1-Trichloroethane	97	3.937	3.712	0.225	2	1443	0.3203	
43 2-Butanone (MEK)	72	3.818	3.821	-0.003	77	15020	91.2	
53 Benzene	78	4.024	4.024	0.0	34	4645	0.4101	M
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.143	4.146	-0.004	96	69007	44.8	
* 59 Fluorobenzene	96	4.406	4.410	-0.004	81	402417	50.0	
63 Methylcyclohexane	83	4.560	4.551	0.009	94	795453	115.9	
61 Trichloroethene	95	4.573	4.570	0.003	14	29715	10.6	
* 150 1,4-Dioxane-d8	96	5.400	5.377	0.023	1	6394	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.072	6.075	-0.003	86	430119	56.3	
77 Toluene	91	6.133	6.133	0.0	42	43755	3.88	
80 Tetrachloroethene	166	6.583	6.577	0.006	67	13661	5.42	
* 87 Chlorobenzene-d5	117	7.776	7.776	0.0	34	221178	50.0	
88 Chlorobenzene	112	7.792	7.792	0.0	5	33462	5.51	
89 Ethylbenzene	106	7.850	7.847	0.003	88	154957	40.2	
91 m-Xylene & p-Xylene	106	7.994	7.988	0.006	86	217031	46.0	
92 o-Xylene	106	8.367	8.364	0.003	87	457845	104.2	
98 Isopropylbenzene	105	8.647	8.644	0.003	67	637773	50.5	
$ 99 4-Bromofluorobenzene	174	8.859	8.856	0.003	26	65214	52.6	
* 116 1,4-Dichlorobenzene-d4	152	9.724	9.721	0.003	41	84278	50.0	
117 1,4-Dichlorobenzene	146	9.734	9.734	0.0	1	6522	1.74	
121 1,2-Dichlorobenzene	146	10.039	10.036	0.003	26	34391	10.6	
124 1,2,4-Trichlorobenzene	180	11.094	11.091	0.003	16	130782	54.0	
128 1,2,3-Trichlorobenzene	180	11.448	11.448	0.0	15	40903	20.1	M
S 131 Xylenes, Total	100				0		150.1	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D
Lims ID: 460-72174-B-15-A Lab Sample ID: 460-72174-15
Client ID: PMP-6SW-SI
Sample Type: Client
Inject. Date: 14-Mar-2014 03:49:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-15-A
Misc. Info.: 460-0010833-024
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 14:27:03 Calib Date: 12-Mar-2014 20:41:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 40

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: baronm Date: 15-Mar-2014 14:31:47

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	2051-30-1 Octane, 2,6-dimethyl-							
8.740	23109868	89.6	116	58	18460	C10H22	142	
	124-18-5 Decane							
9.023	37593789	145.7	116	87	18418	C10H22	142	
	2847-72-5 Decane, 4-methyl-							
9.277	27030288	104.8	116	87	27129	C11H24	156	
	95-63-6 Benzene, 1,2,4-trimethyl-							
9.448	46405783	179.9	116	91	9111	C9H12	120	I
	526-73-8 Benzene, 1,2,3-trimethyl-							
9.769	26120933	101.3	116	46	9123	C9H12	120	I
	1120-21-4 Undecane							
9.927	66159351	256.5	116	76	27120	C11H24	156	
	1074-55-1 Benzene, 1-methyl-4-propyl-							
10.088	21873800	84.8	116	60	14346	C10H14	134	
	112-40-3 Dodecane							
10.673	36882378	143.0	116	55	36159	C12H26	170	
	17301-23-4 Undecane, 2,6-dimethyl-							
10.795	46426414	180.0	116	80	45584	C13H28	184	
	6434-76-0 6-Tridecene, (E)-							
11.052	27173593	105.4	116	49	44138	C13H26	182	

Report Date: 15-Mar-2014 14:31:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	9.702	12896812	50.0

QC Flag Legend

Processing Flags

Review Flags
l - User Selected Library Match

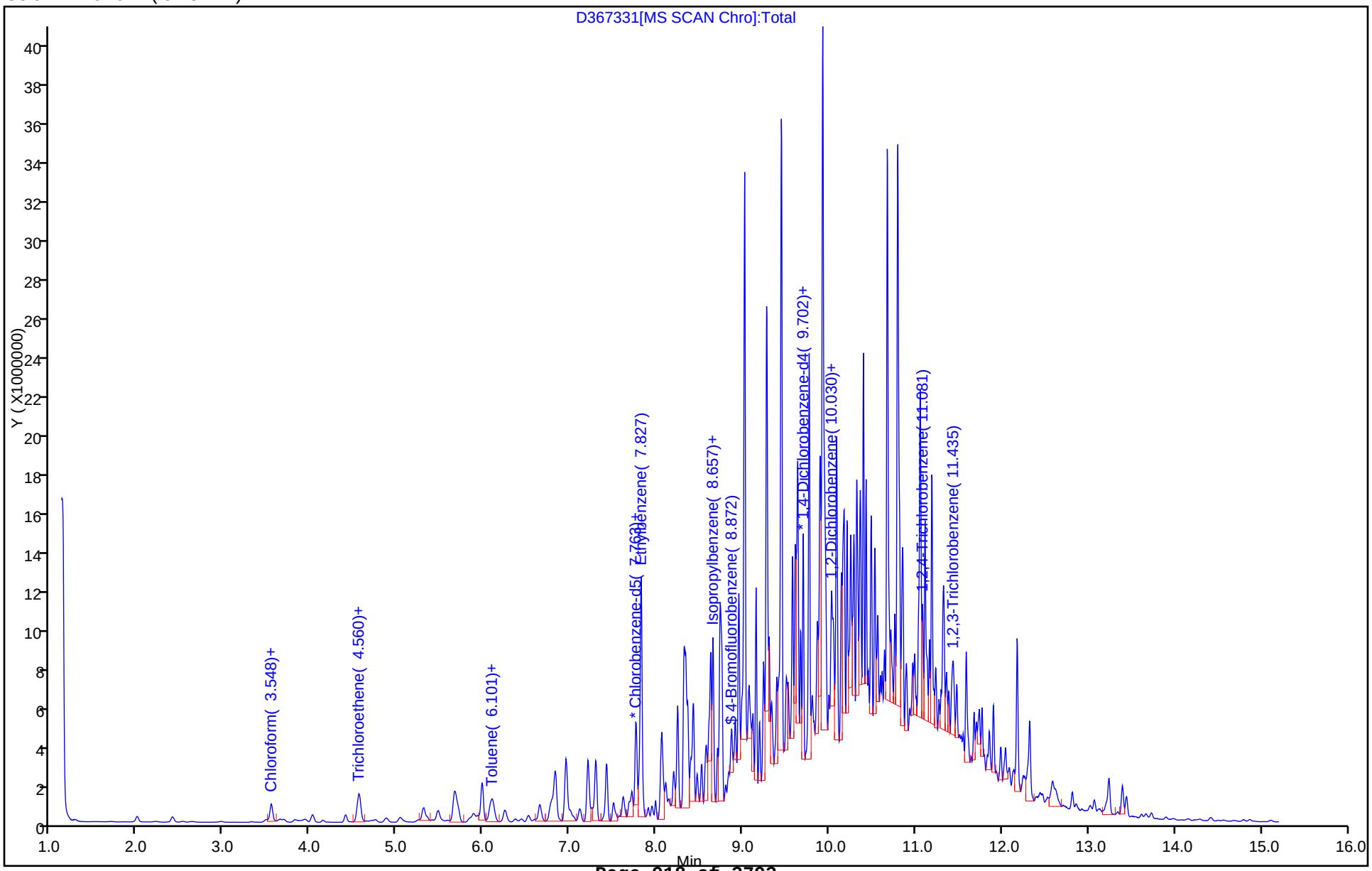
Report Date: 15-Mar-2014 14:31:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D

Injection Date:	14-Mar-2014 03:49:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-B-15-A	Lab Sample ID:	460-72174-15	Worklist Smp#:	24
Client ID:	PMP-6SW-SI				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



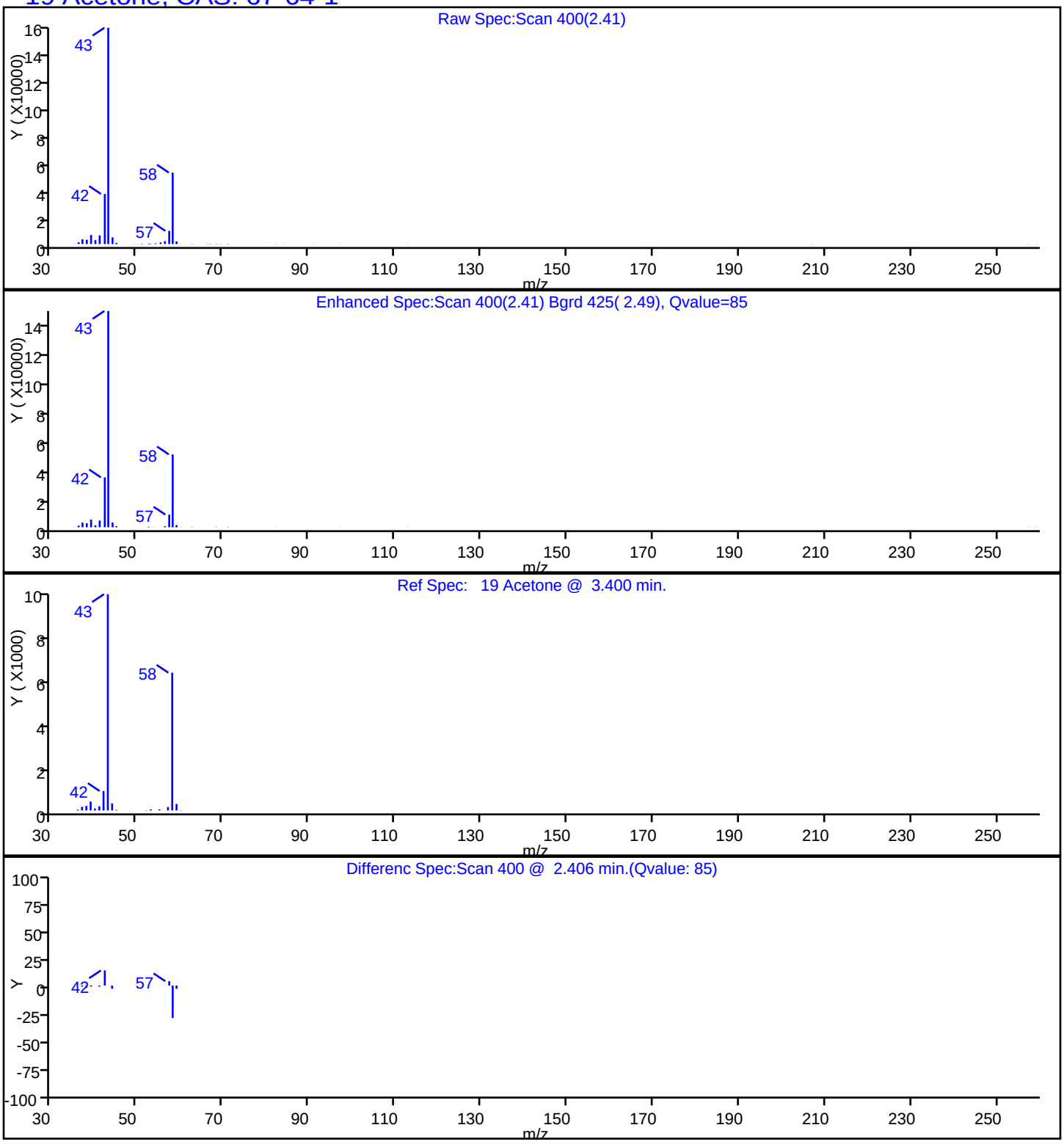
Report Date: 15-Mar-2014 14:31:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D

Injection Date:	14-Mar-2014 03:49:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

19 Acetone, CAS: 67-64-1



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TestAmerica Edison

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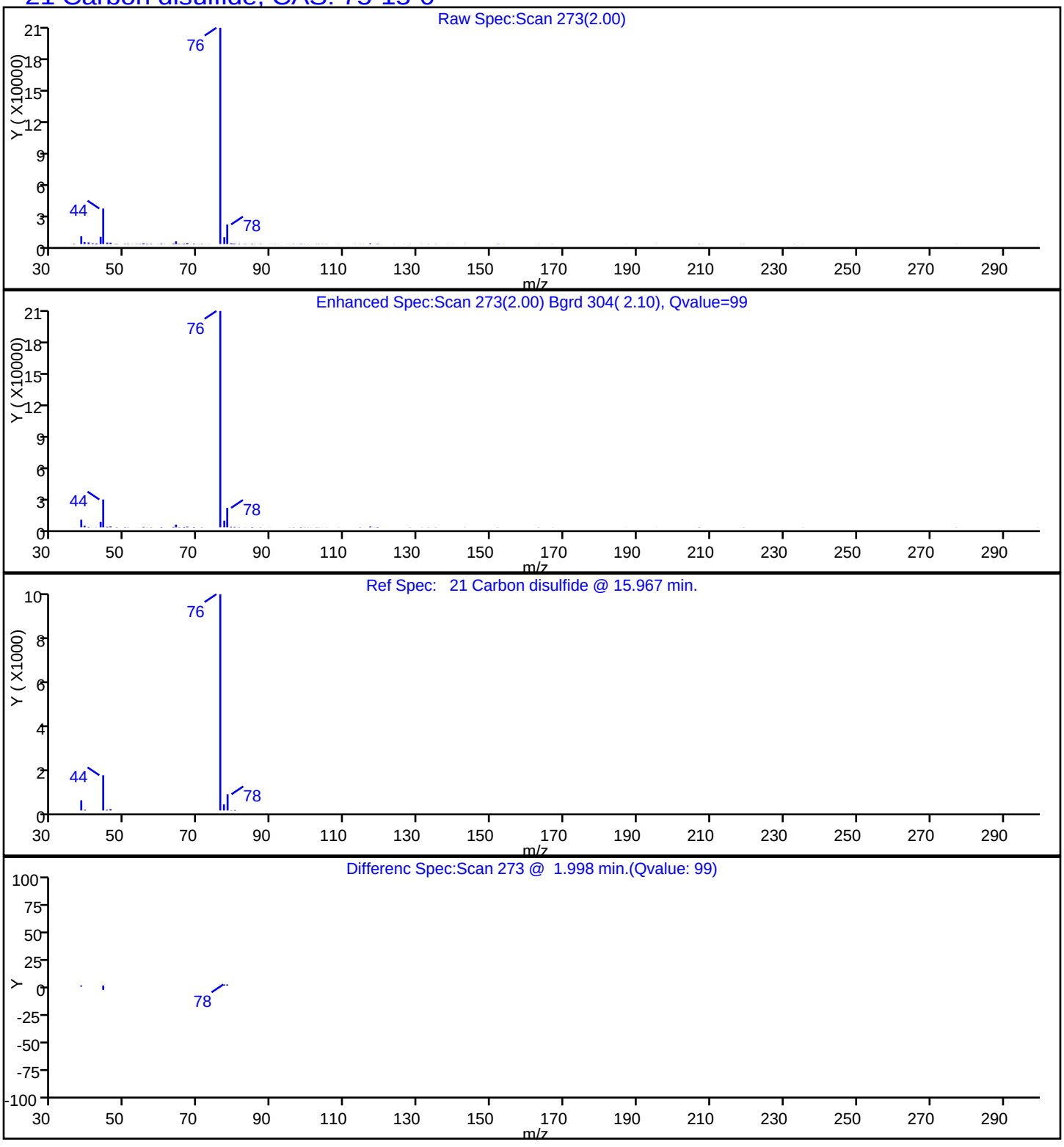
Lims ID:	460-72174-B-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

21 Carbon disulfide, CAS: 75-15-0



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TestAmerica Edison

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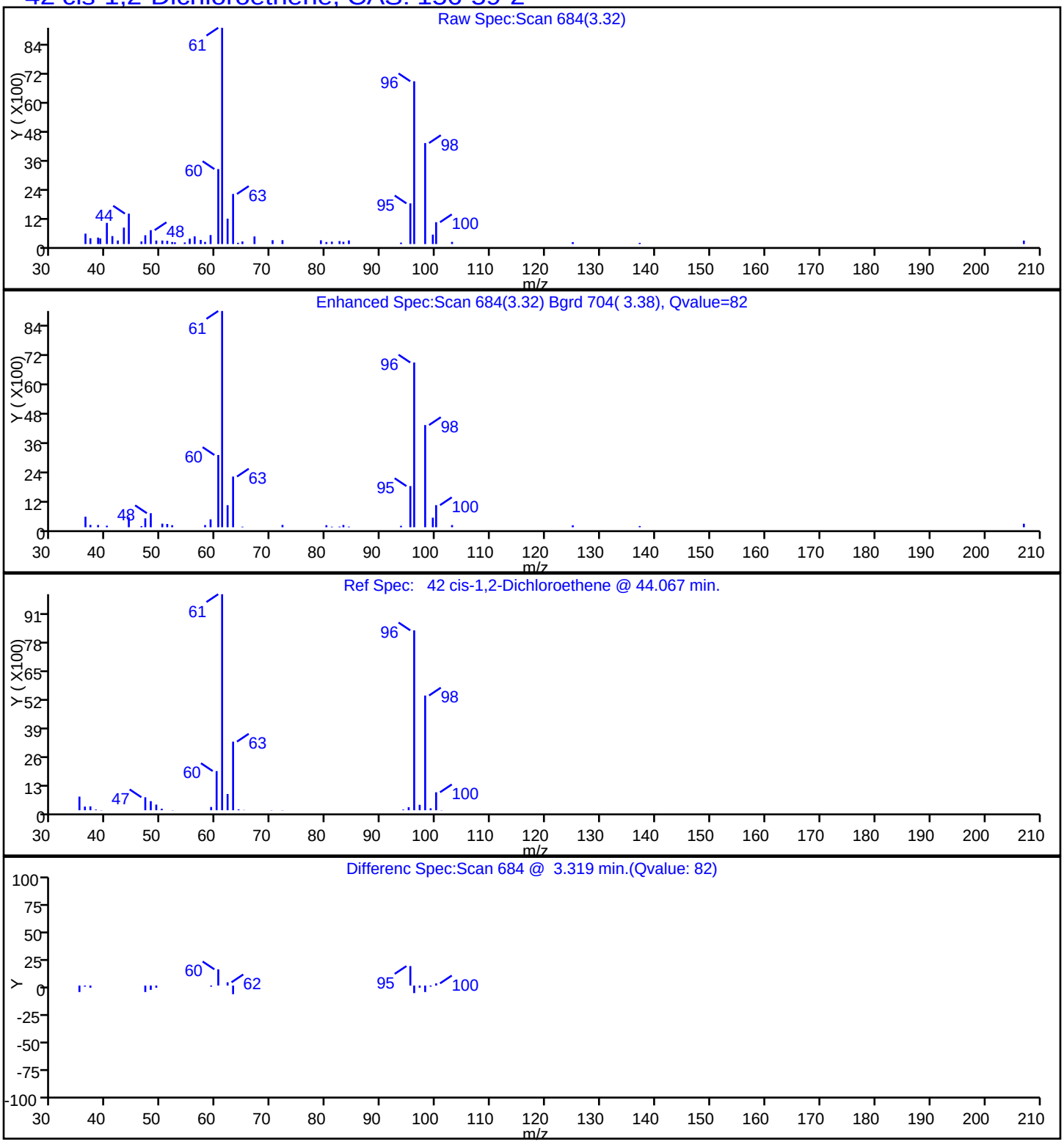
Injection Date:	14-Mar-2014 03:49:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

42 cis-1,2-Dichloroethene, CAS: 156-59-2



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TestAmerica Edison

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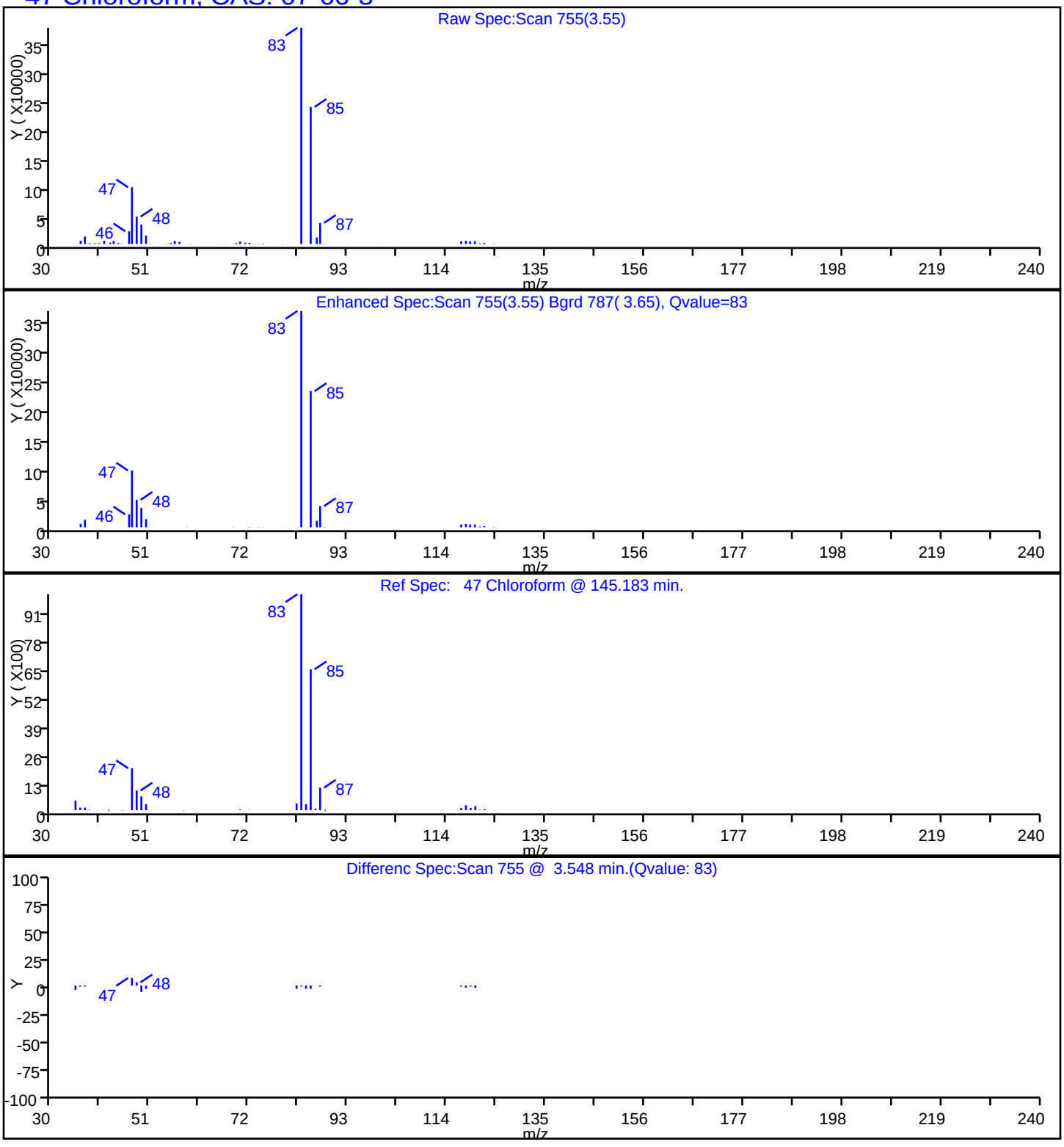
Injection Date:	14-Mar-2014 03:49:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

47 Chloroform, CAS: 67-66-3



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TestAmerica Edison

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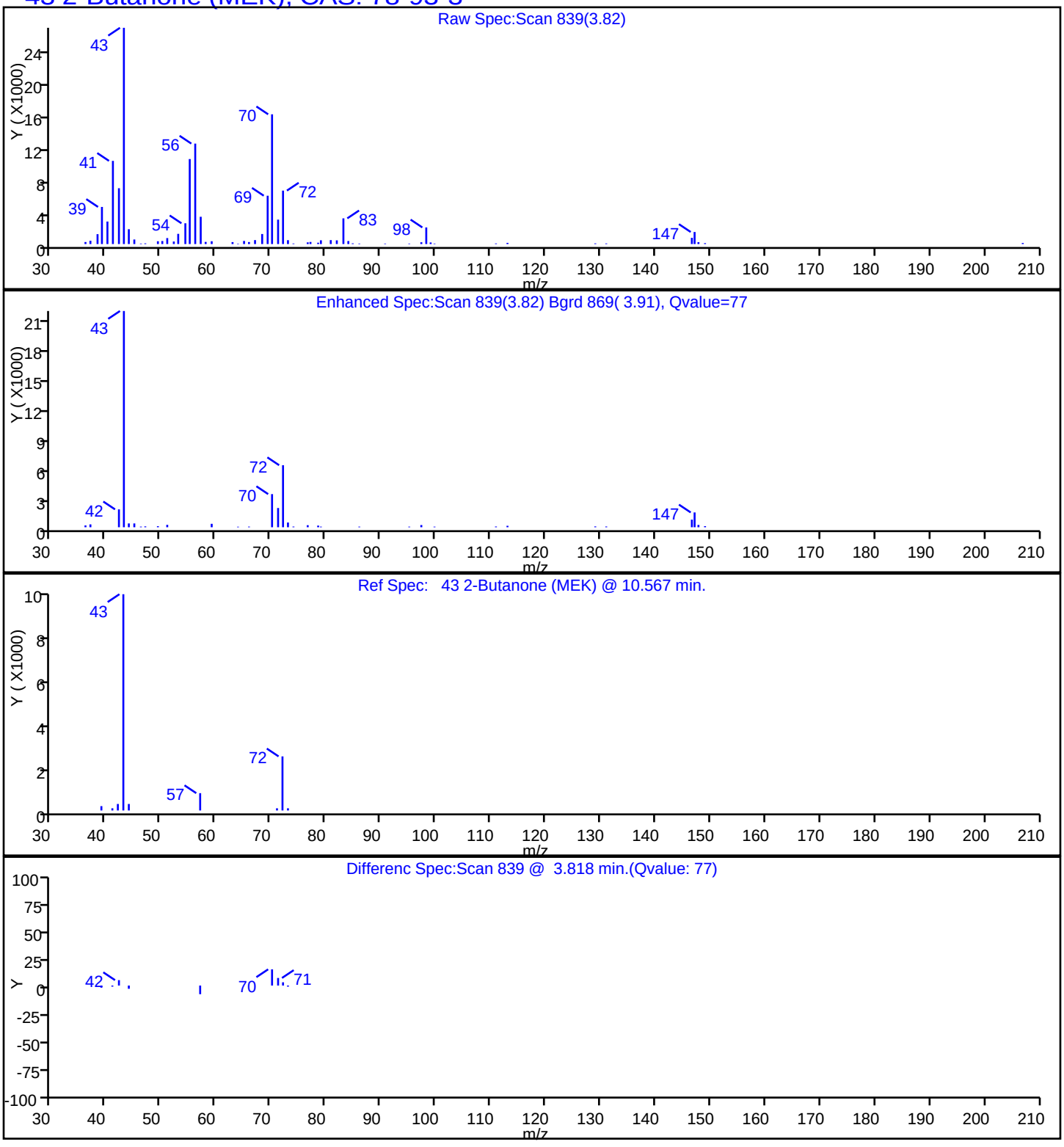
Injection Date:	14-Mar-2014 03:49:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

43 2-Butanone (MEK), CAS: 78-93-3



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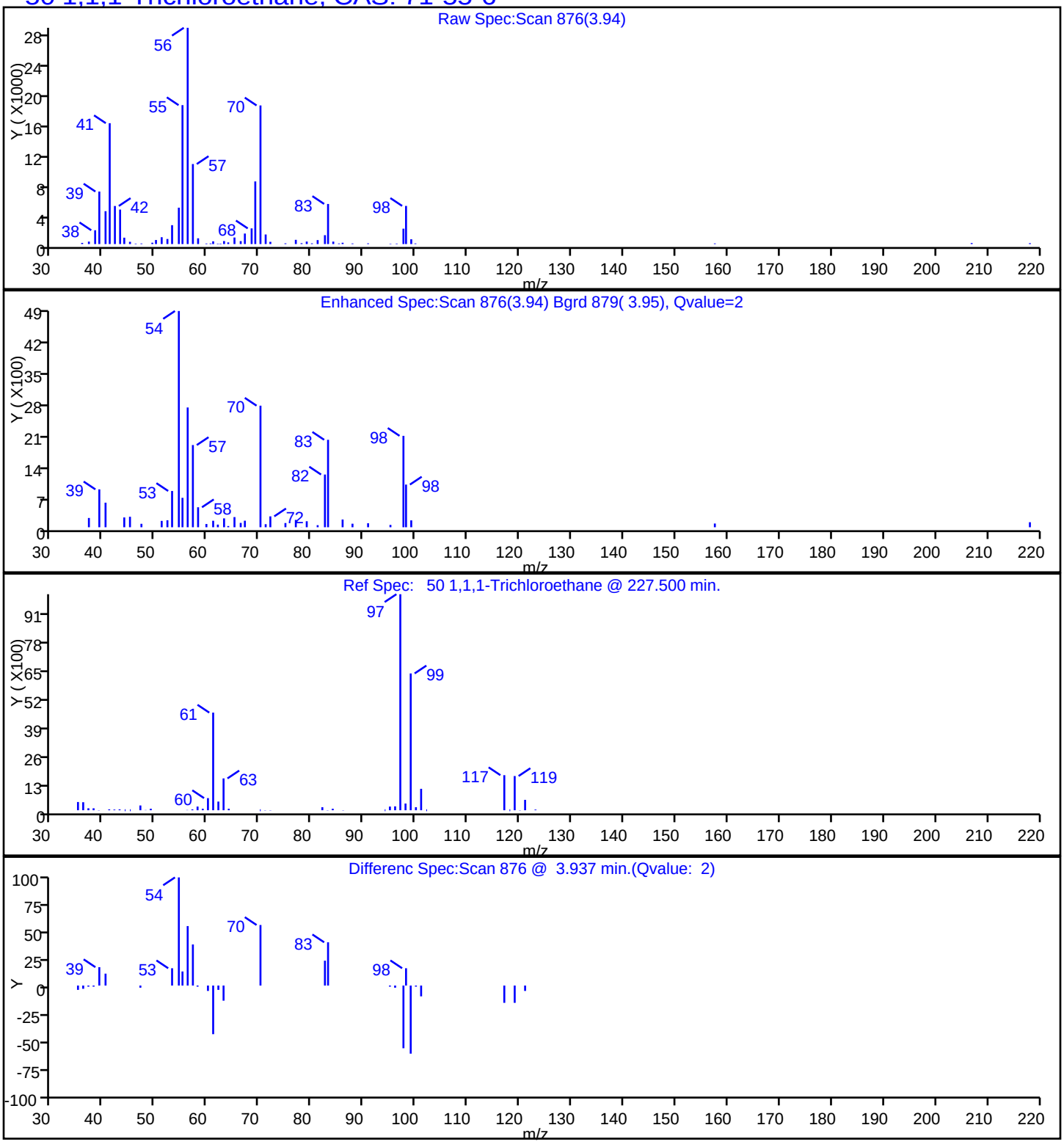
Injection Date:	14-Mar-2014 03:49:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

50 1,1,1-Trichloroethane, CAS: 71-55-6



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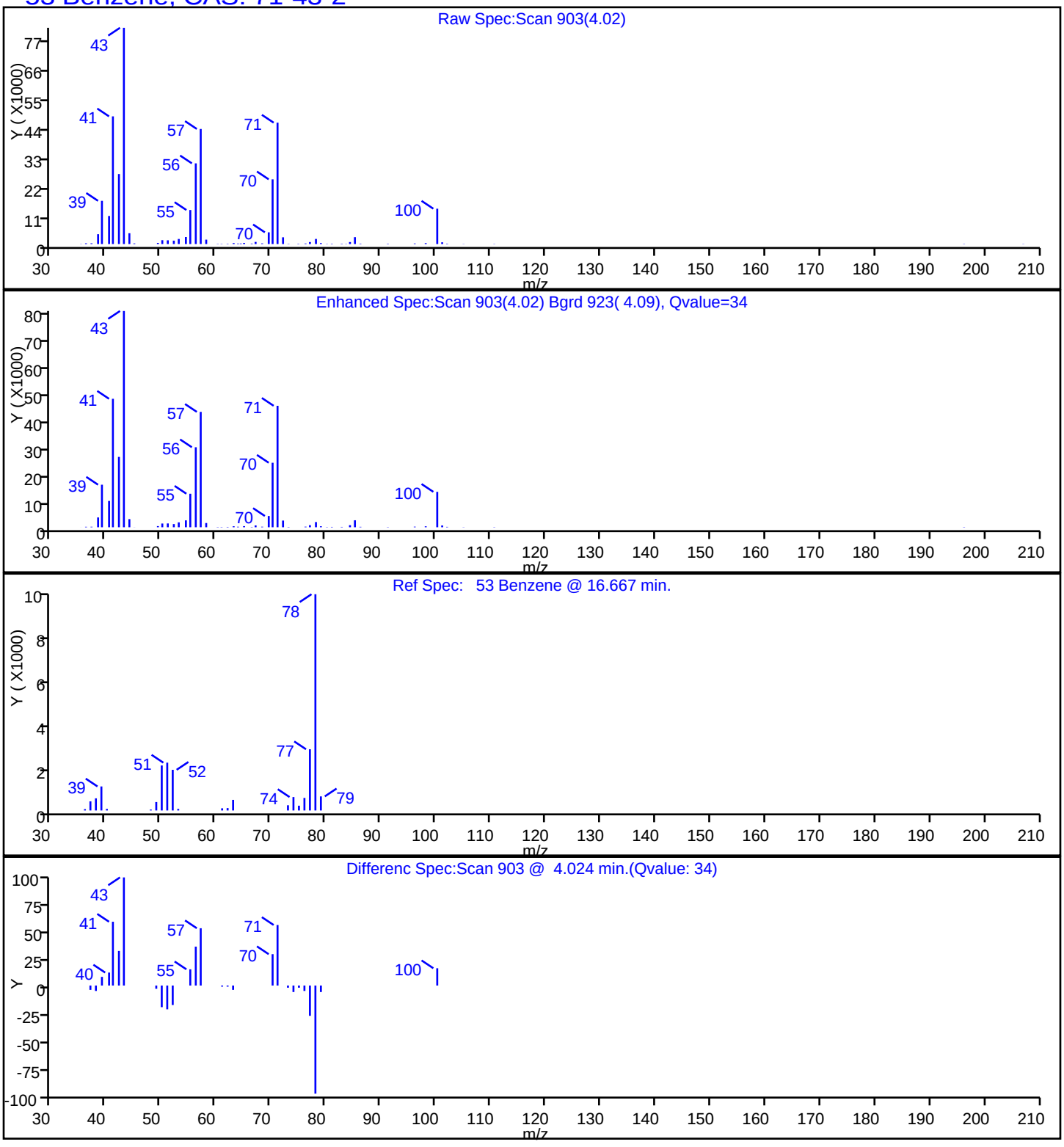
Injection Date:	14-Mar-2014 03:49:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

53 Benzene, CAS: 71-43-2



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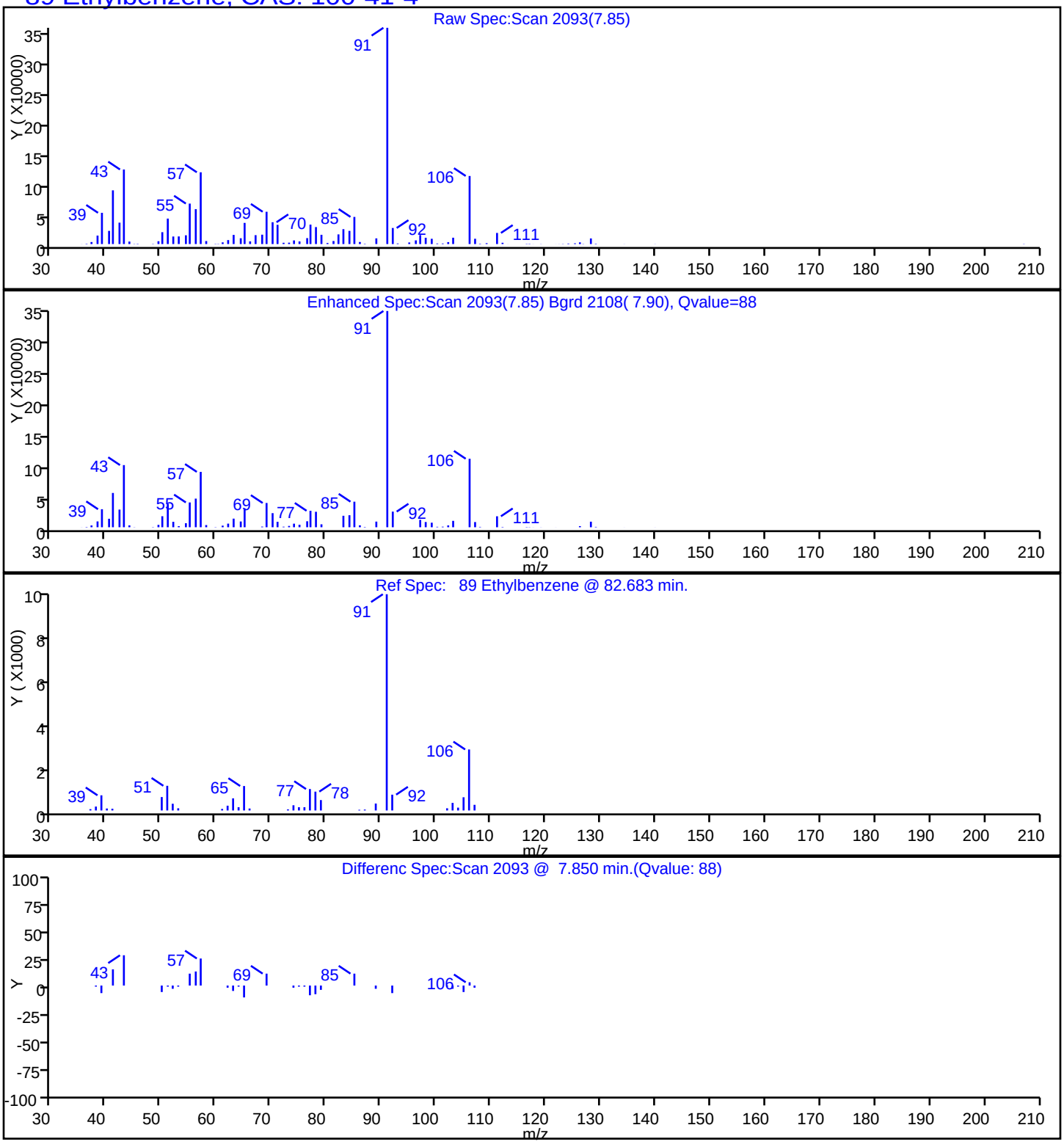
Lims ID:	460-72174-B-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

89 Ethylbenzene, CAS: 100-41-4



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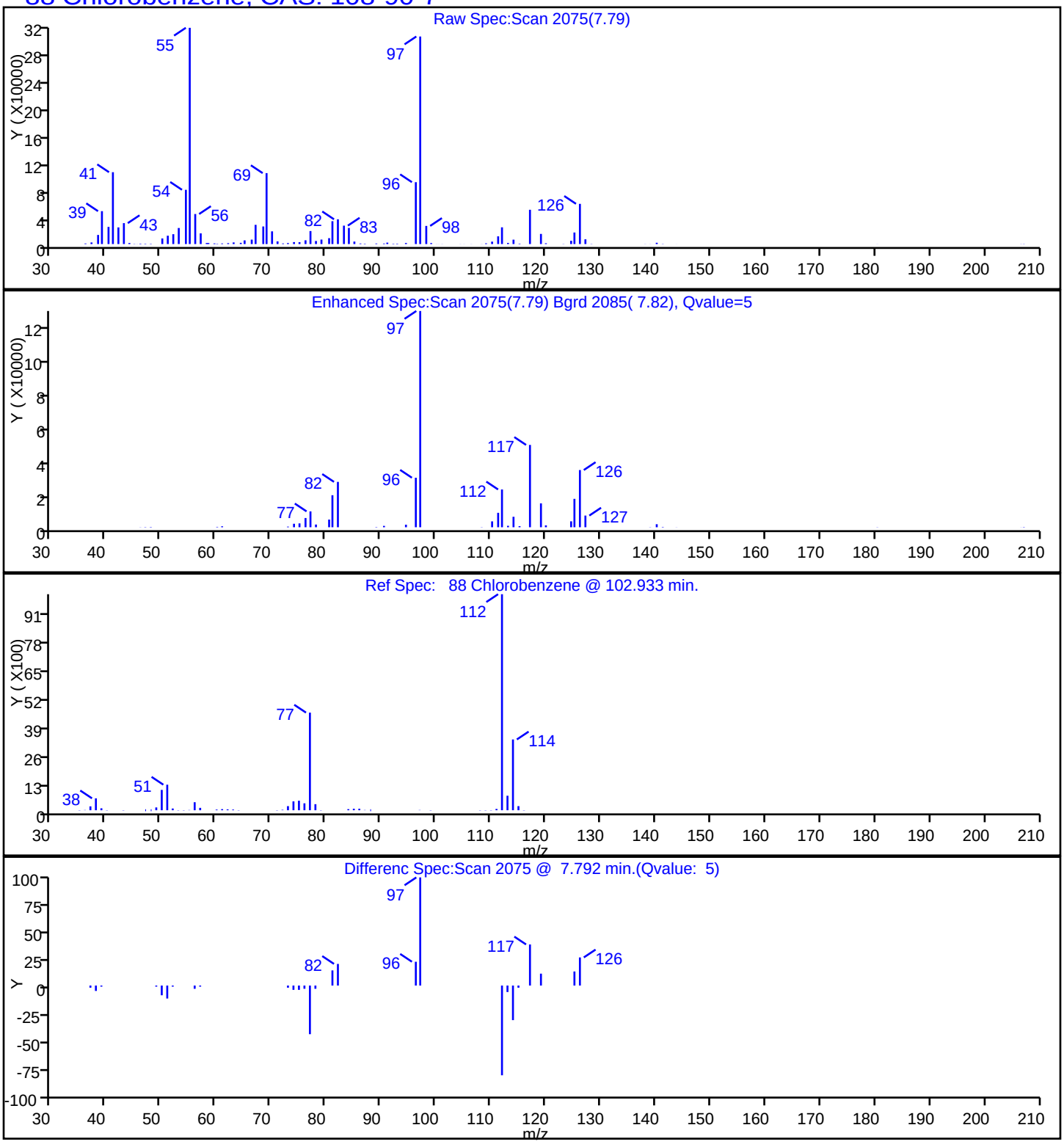
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D

Injection Date:	14-Mar-2014 03:49:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

88 Chlorobenzene, CAS: 108-90-7



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TestAmerica Edison

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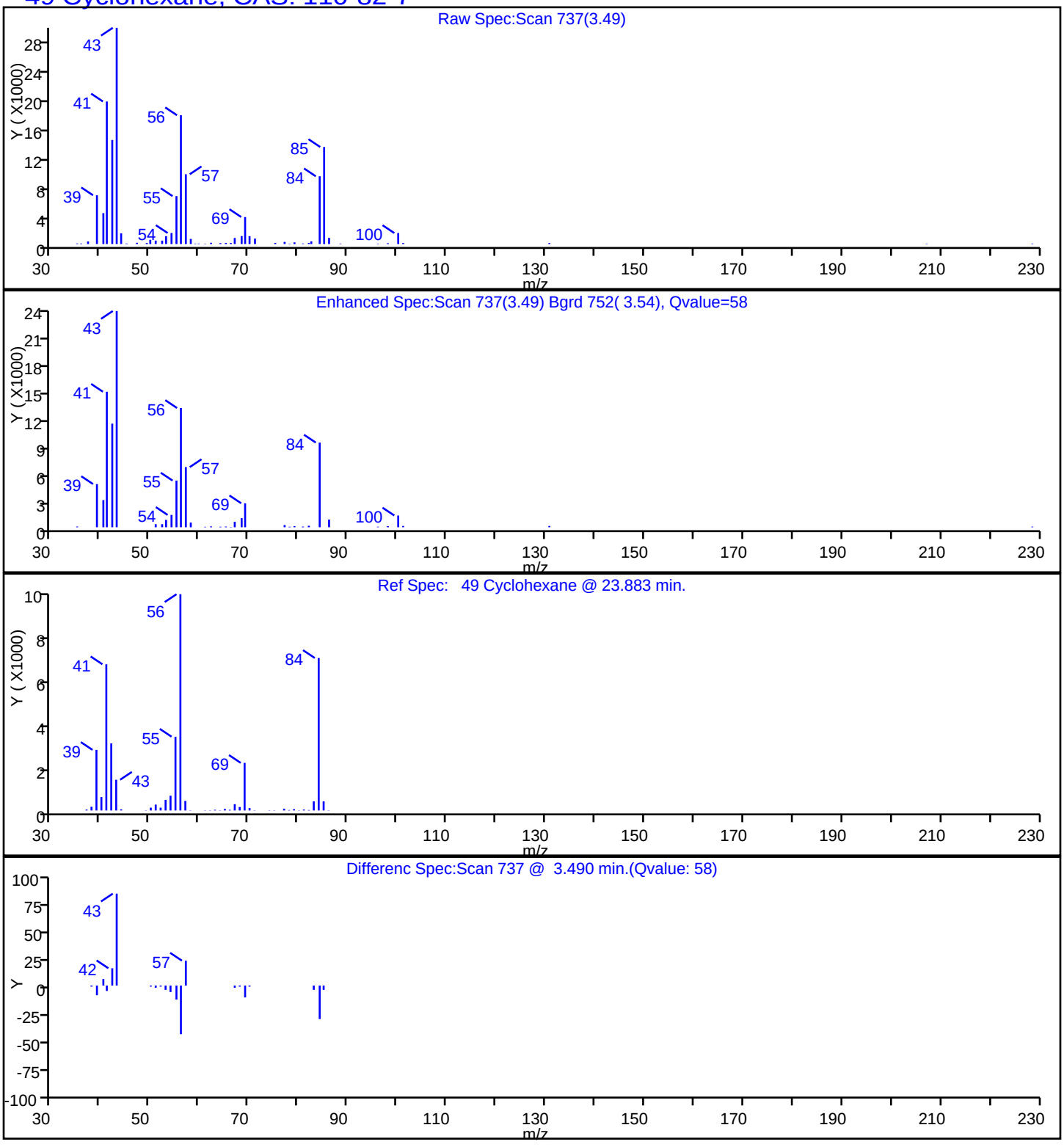
Injection Date:	14-Mar-2014 03:49:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

49 Cyclohexane, CAS: 110-82-7



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TestAmerica Edison

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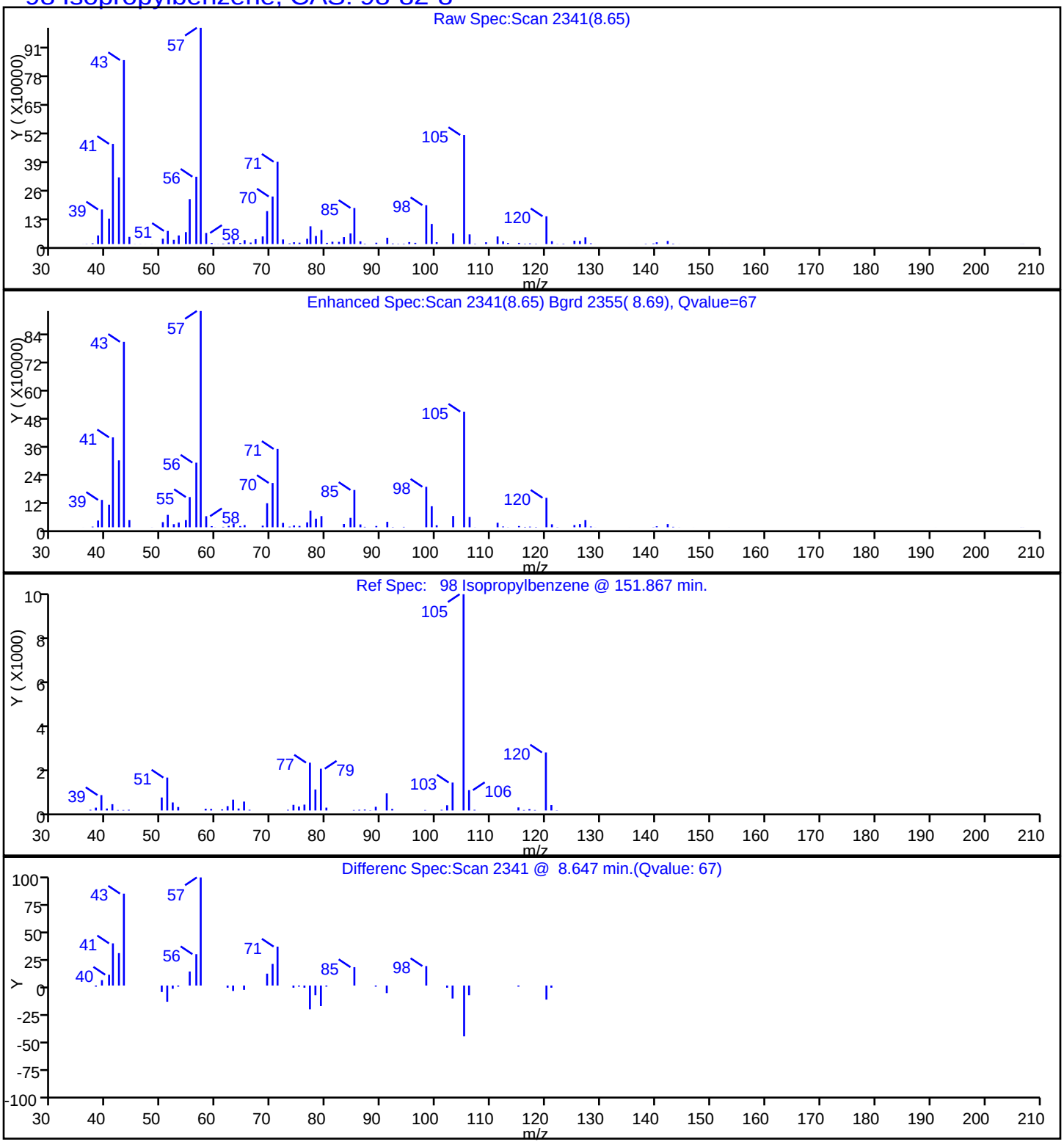
Lims ID:	460-72174-B-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

98 Isopropylbenzene, CAS: 98-82-8



Report Date: 15-Mar-2014 14:31:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D				
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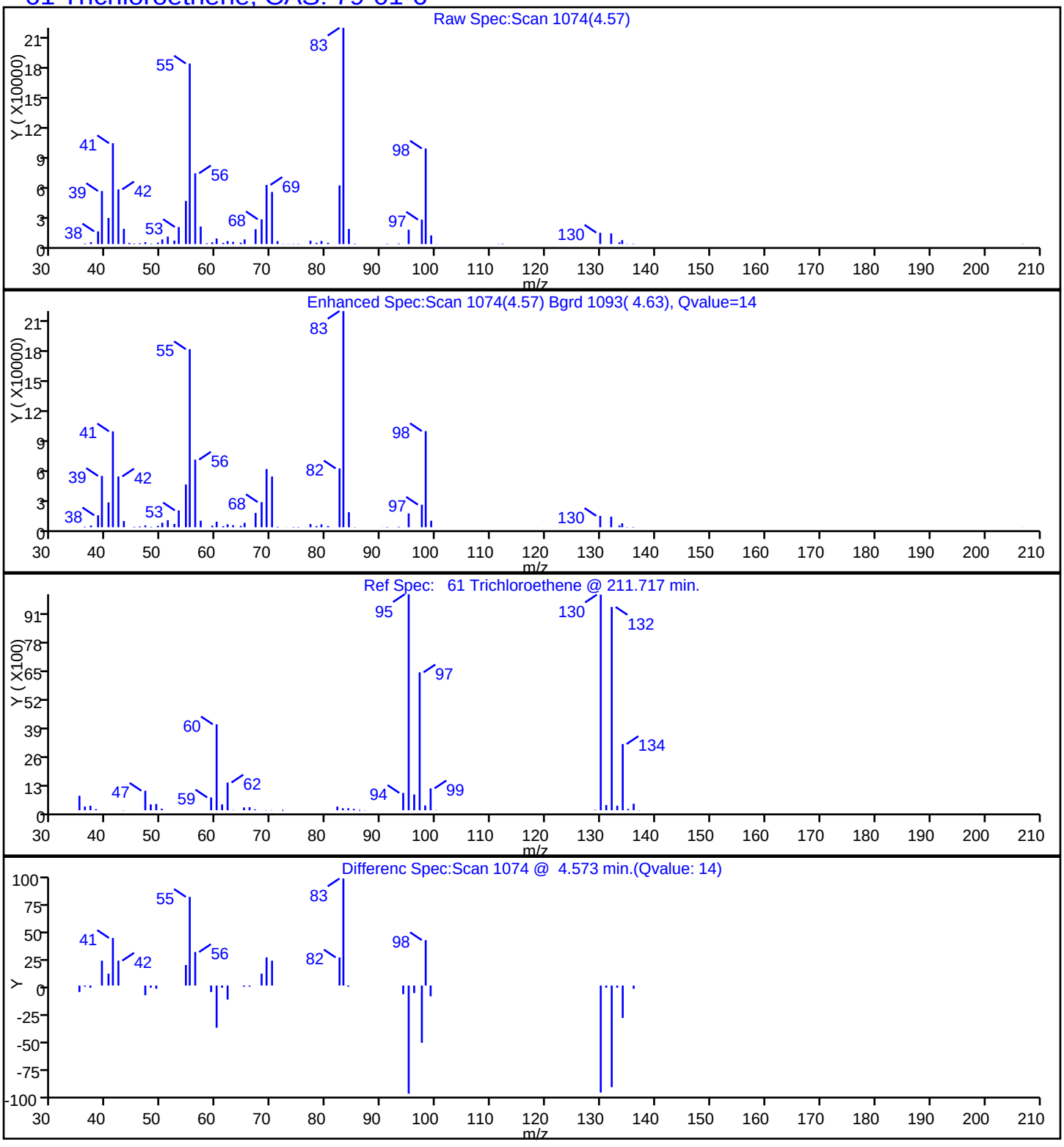
Lims ID:	460-72174-B-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

61 Trichloroethene, CAS: 79-01-6



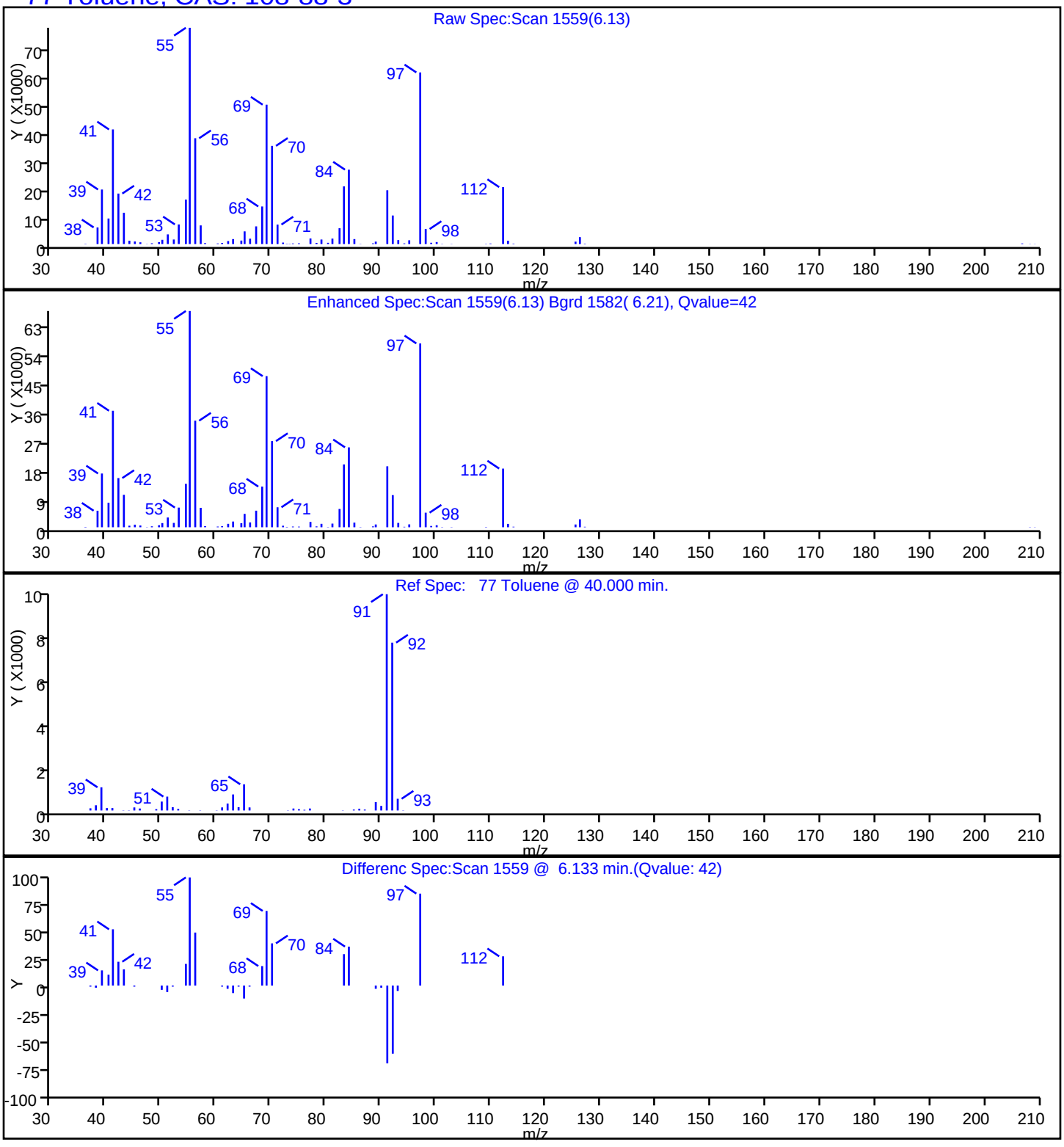
Report Date: 15-Mar-2014 14:31:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D

Injection Date:	14-Mar-2014 03:49:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

77 Toluene, CAS: 108-88-3



Report Date: 15-Mar-2014 14:31:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D

Injection Date: 14-Mar-2014 03:49:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-15-A Lab Sample ID: 460-72174-15

Client ID: PMP-6SW-SI

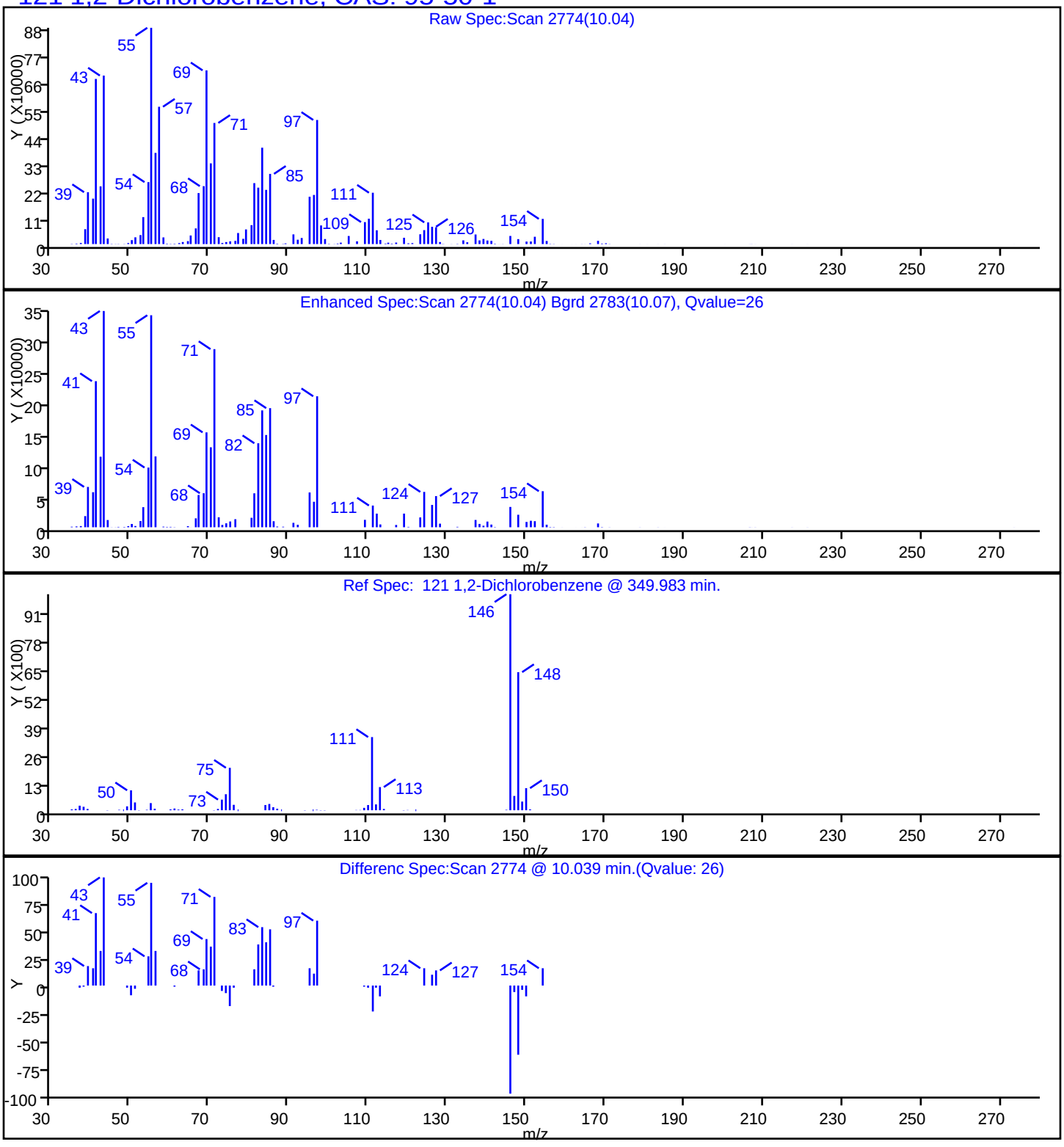
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

121 1,2-Dichlorobenzene, CAS: 95-50-1



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TestAmerica Edison

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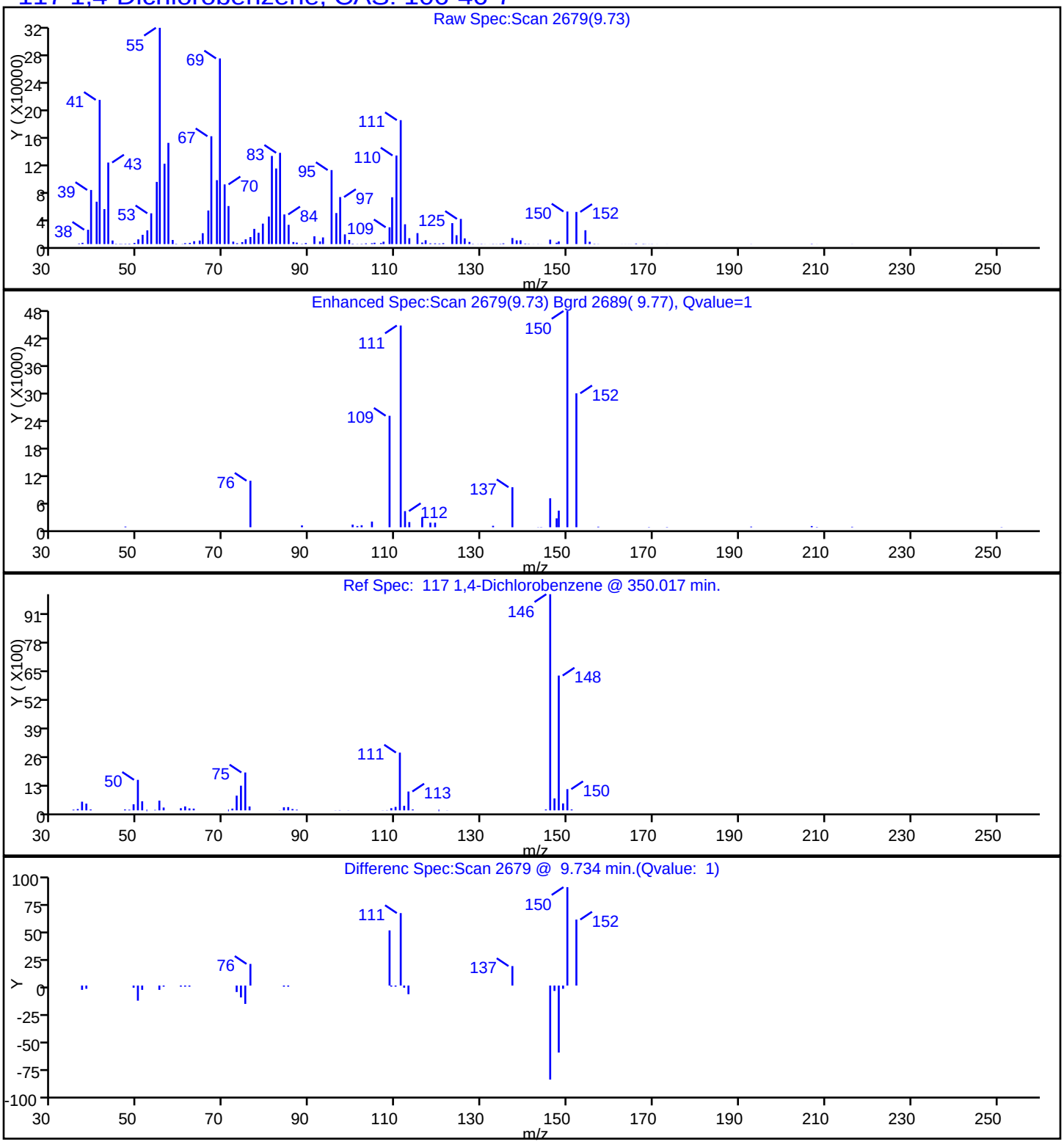
Injection Date:	14-Mar-2014 03:49:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

117 1,4-Dichlorobenzene, CAS: 106-46-7



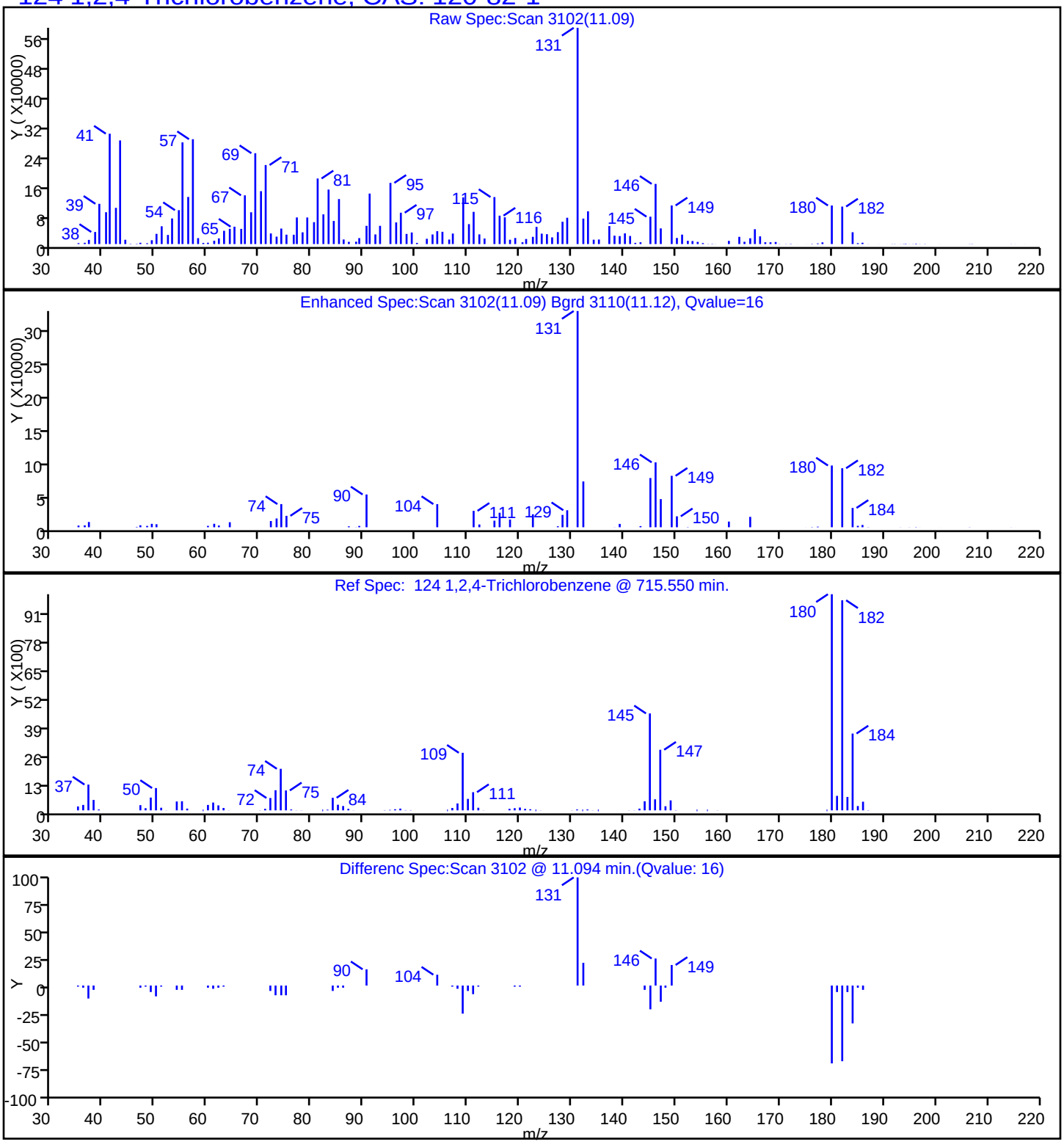
Report Date: 15-Mar-2014 14:31:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D

Injection Date:	14-Mar-2014 03:49:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



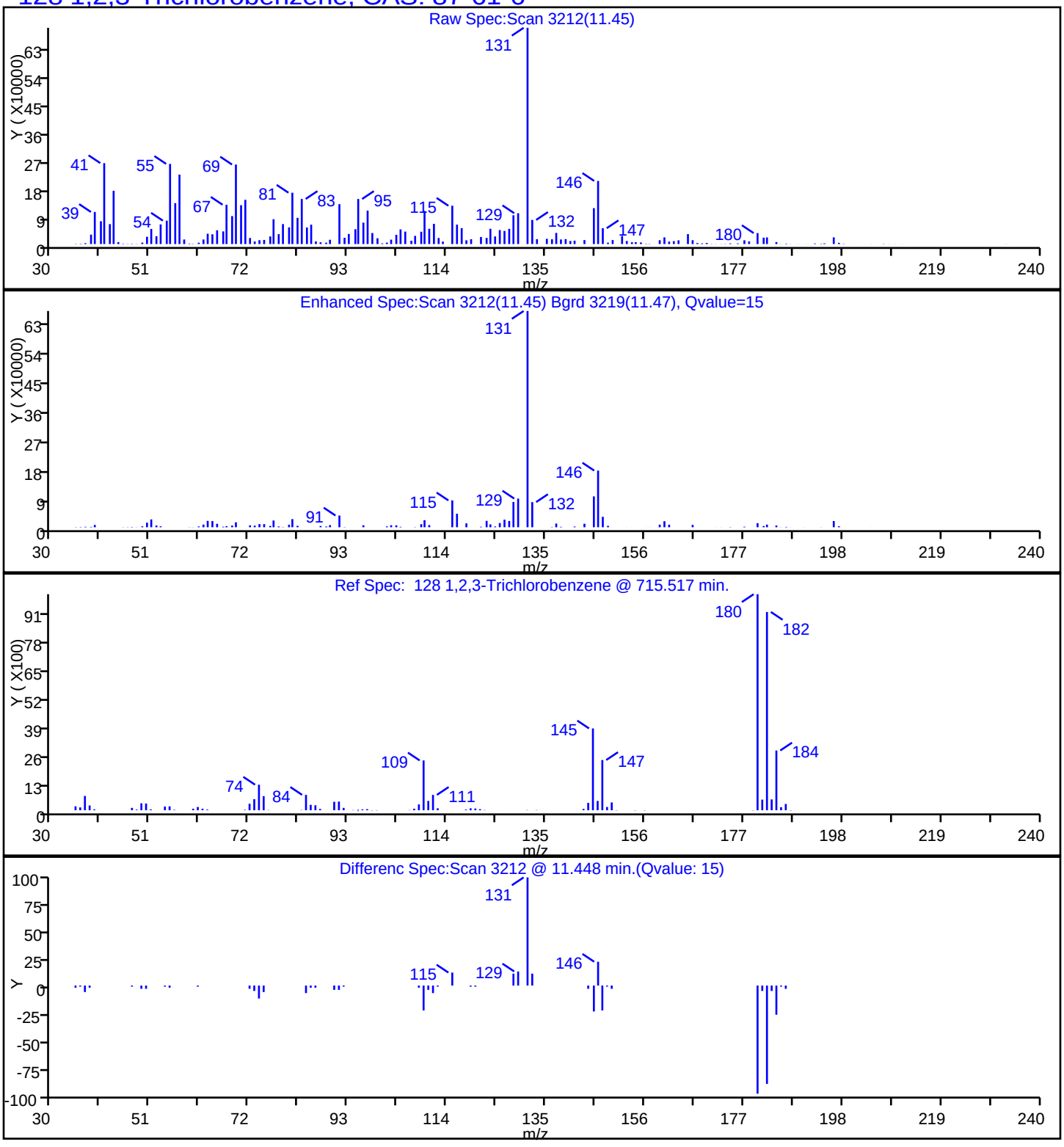
Report Date: 15-Mar-2014 14:31:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D

Injection Date:	14-Mar-2014 03:49:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6

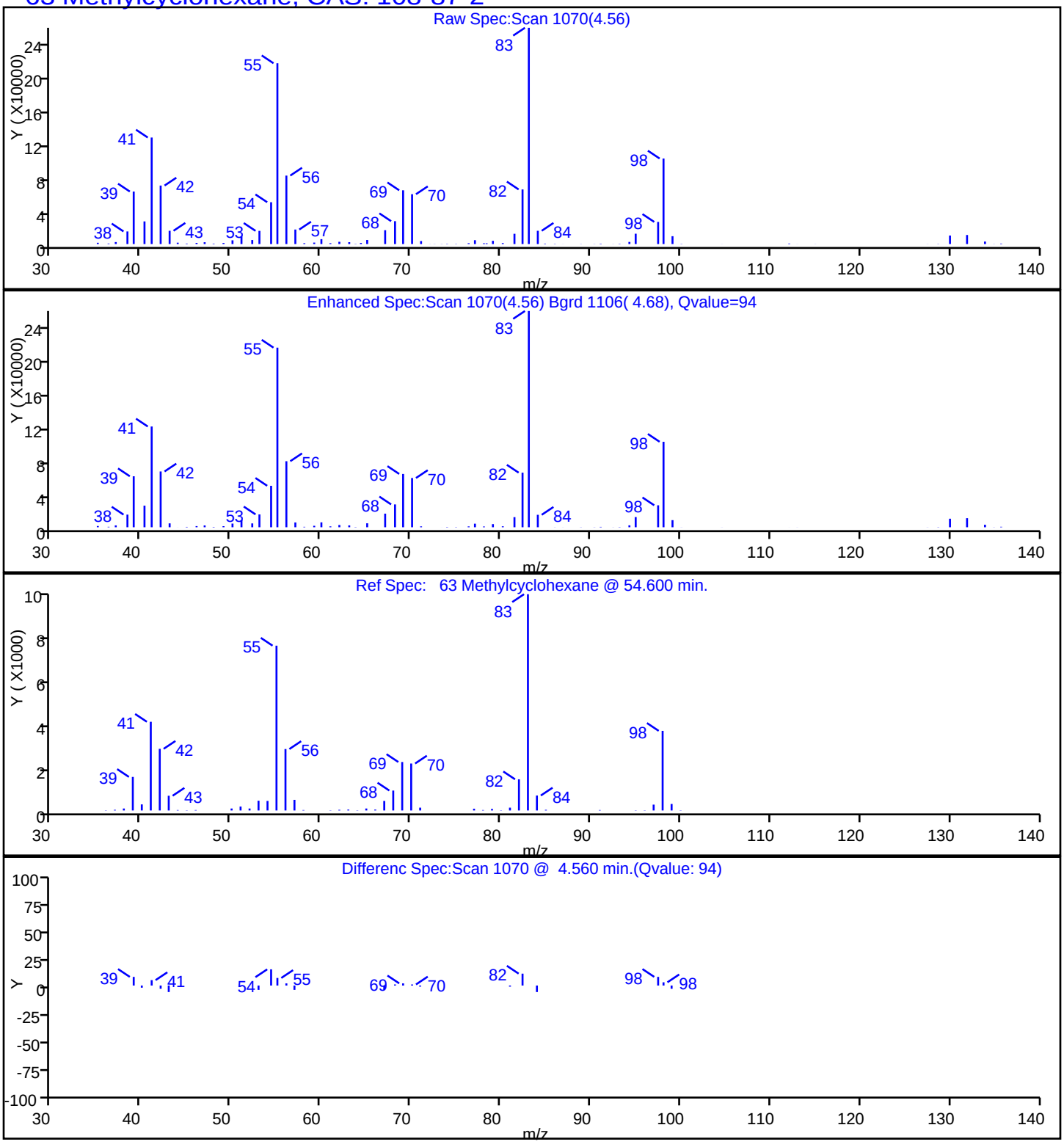


Report Date: 15-Mar-2014 14:31:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D		
Injection Date:	14-Mar-2014 03:49:30	Instrument ID:	CVOAMS4
Lims ID:	460-72174-B-15-A	Lab Sample ID:	460-72174-15
Client ID:	PMP-6SW-SI		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

63 Methylcyclohexane, CAS: 108-87-2



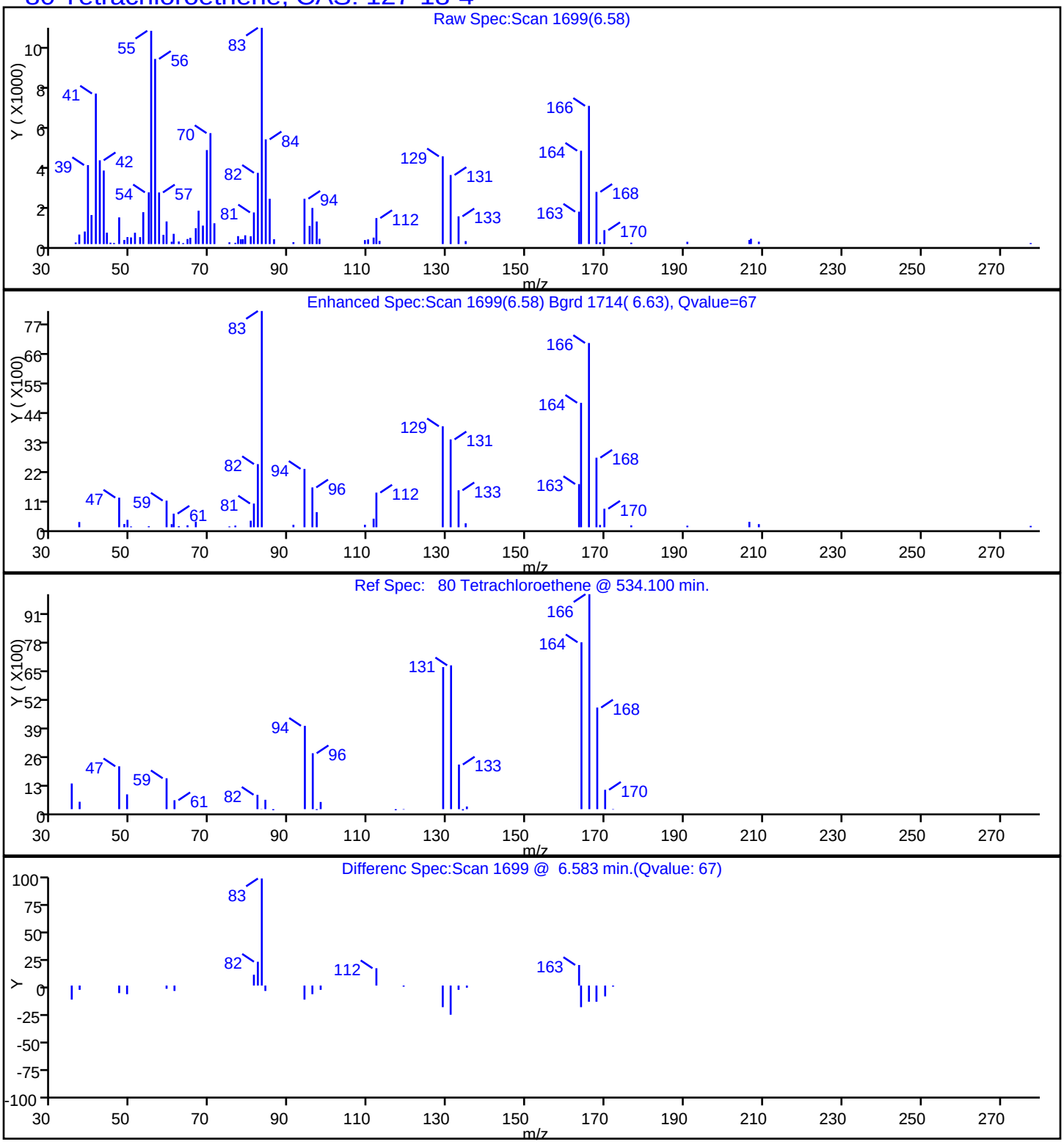
Report Date: 15-Mar-2014 14:31:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D

Injection Date:	14-Mar-2014 03:49:30	Instrument ID:	CVOAMS4
Lims ID:	460-72174-B-15-A	Lab Sample ID:	460-72174-15
Client ID:	PMP-6SW-SI		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

80 Tetrachloroethene, CAS: 127-18-4

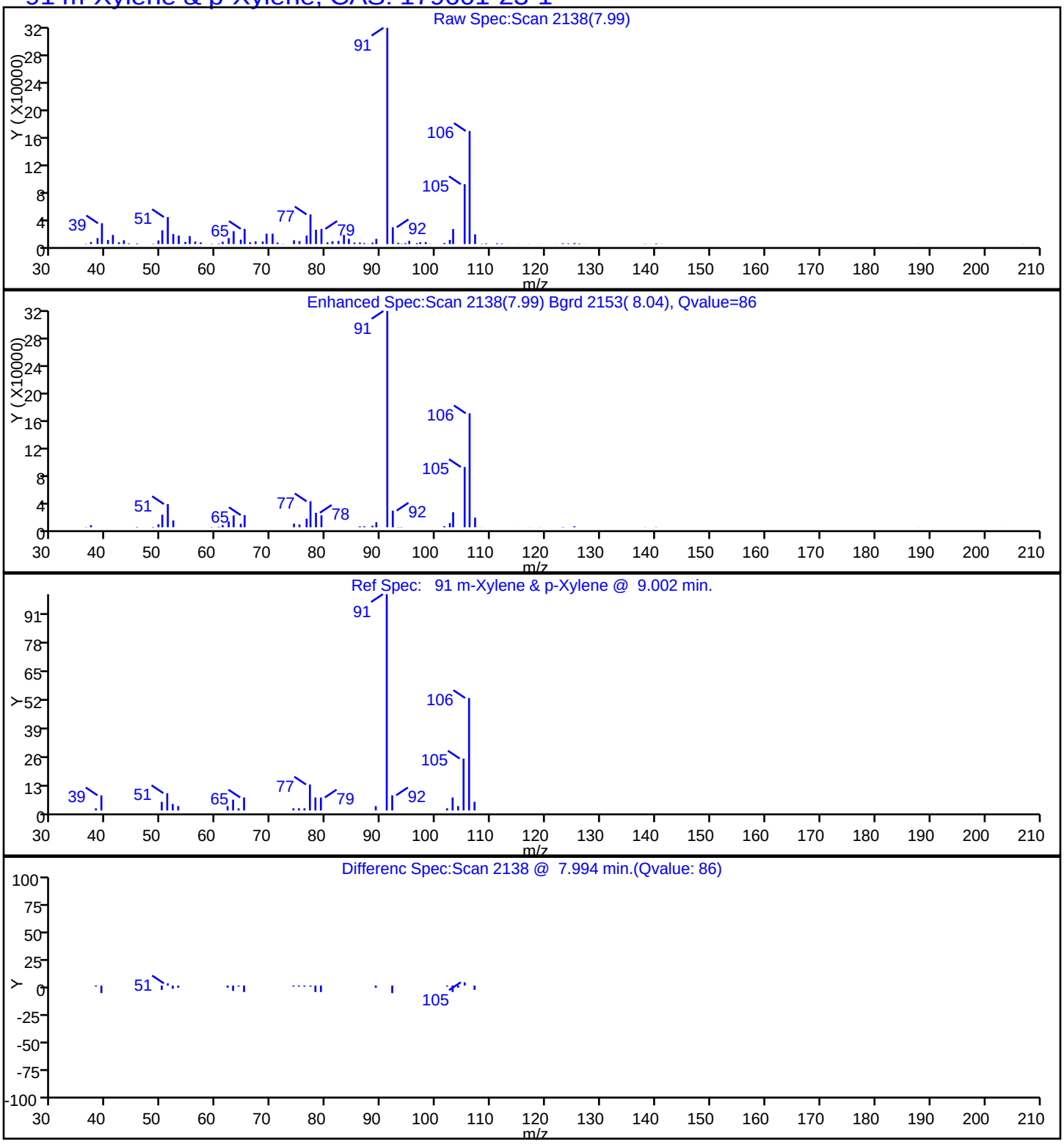


Report Date: 15-Mar-2014 14:31:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D				
Injection Date:	14-Mar-2014 03:49:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

91 m-Xylene & p-Xylene, CAS: 179601-23-1



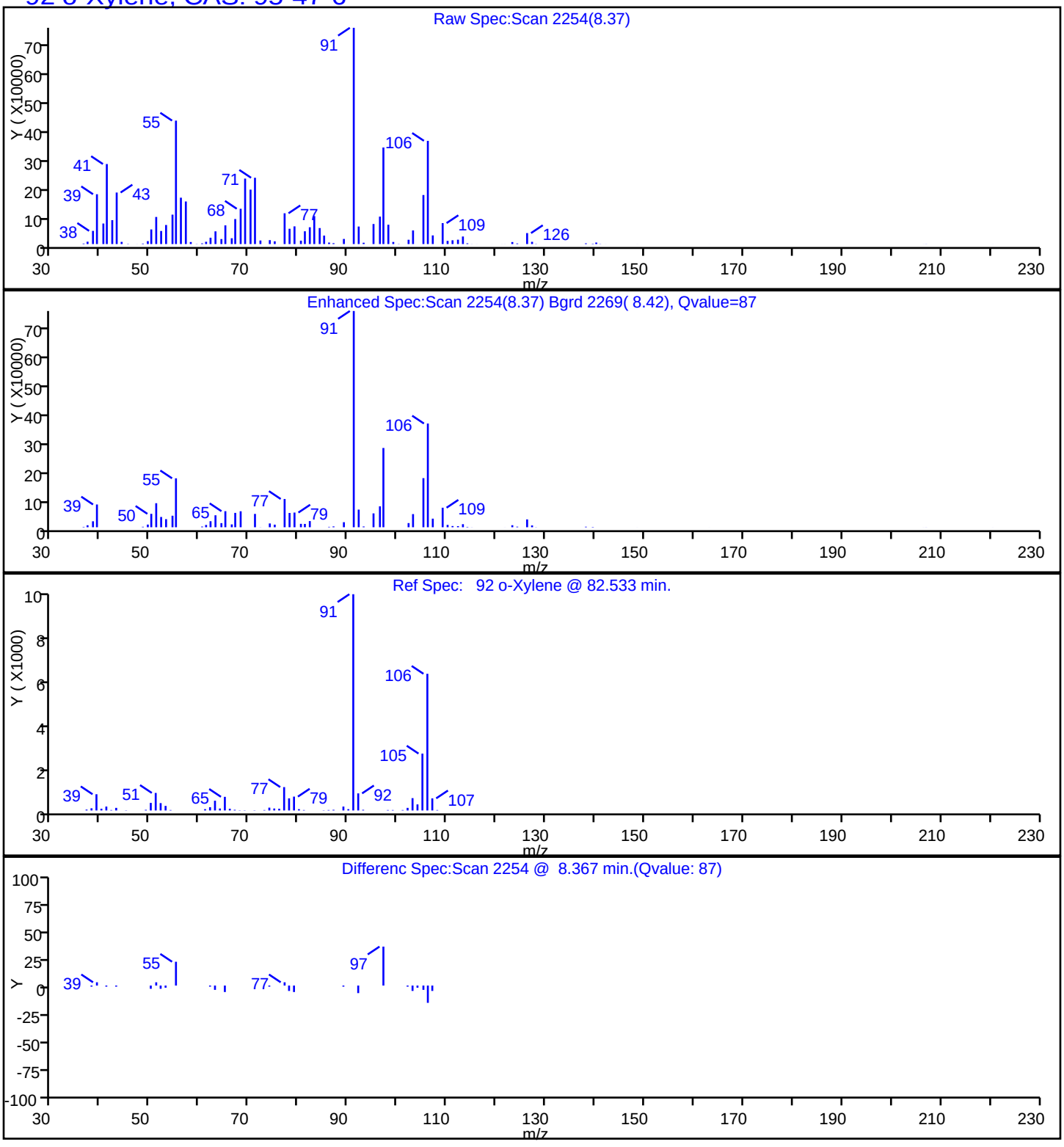
Report Date: 15-Mar-2014 14:31:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D

Injection Date:	14-Mar-2014 03:49:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

92 o-Xylene, CAS: 95-47-6



Manual Integration/User Assign Peak Report

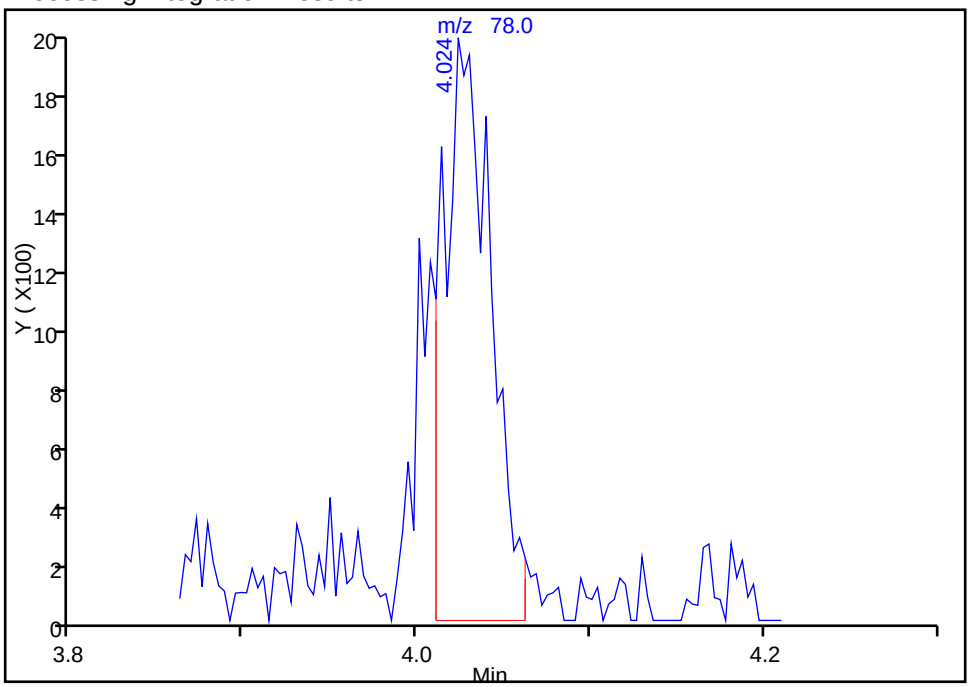
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D				
Injection Date:	14-Mar-2014 03:49:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

53 Benzene, CAS: 71-43-2

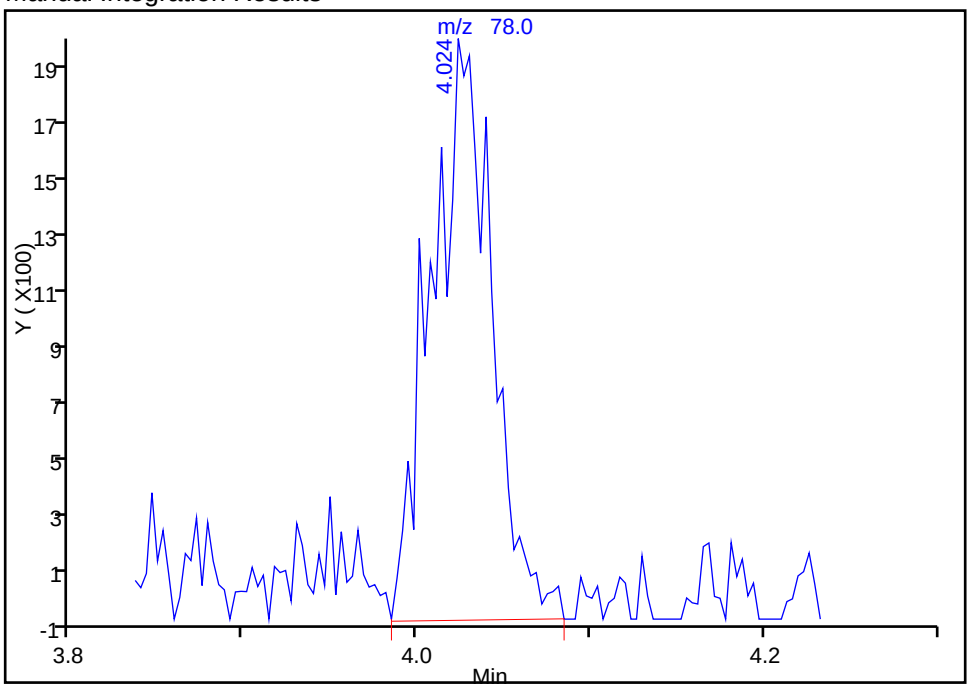
Processing Integration Results

RT: 4.02
Response: 3626
Amount: 0.320118



Manual Integration Results

RT: 4.02
Response: 4645
Amount: 0.410079



Reviewer: baronm, 15-Mar-2014 14:27:02
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

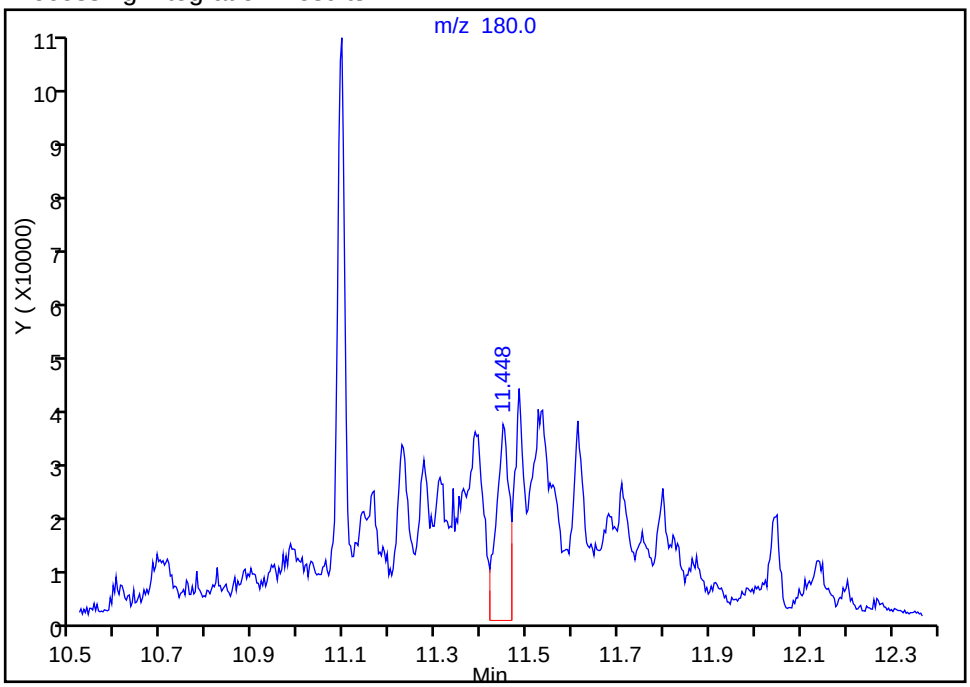
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D				
Injection Date:	14-Mar-2014 03:49:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6

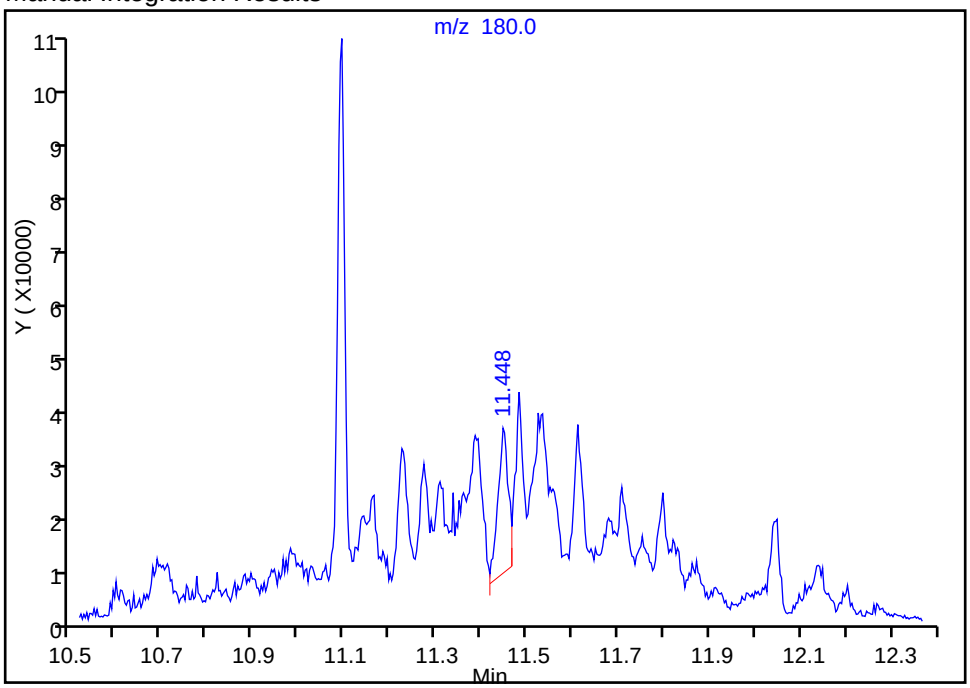
Processing Integration Results

RT: 11.45
Response: 68664
Amount: 33.760569



Manual Integration Results

RT: 11.45
Response: 40903
Amount: 20.111100



Reviewer: baronm, 15-Mar-2014 14:27:02
Audit Action: Manually Integrated
Audit Reason: Baseline

Report Date: 15-Mar-2014 14:31:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D

Injection Date: 14-Mar-2014 03:49:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-15-A Lab Sample ID: 460-72174-15

Client ID: PMP-6SW-SI

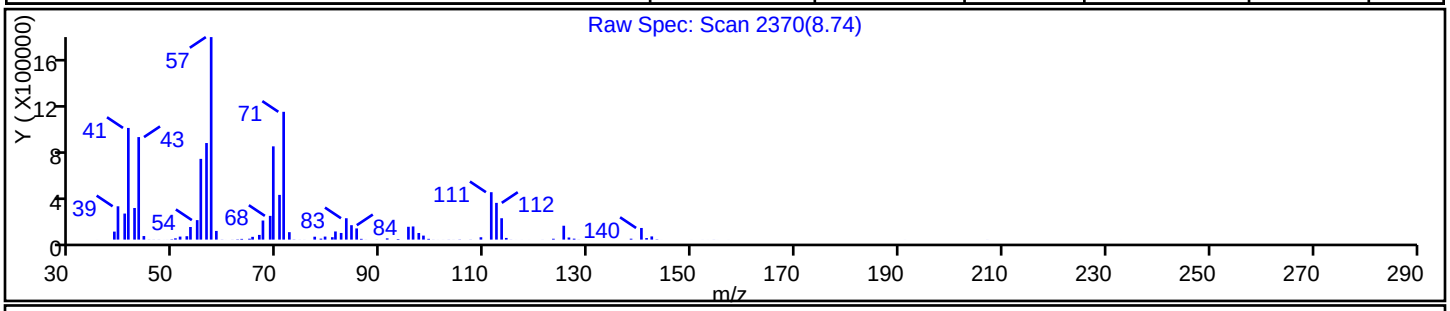
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

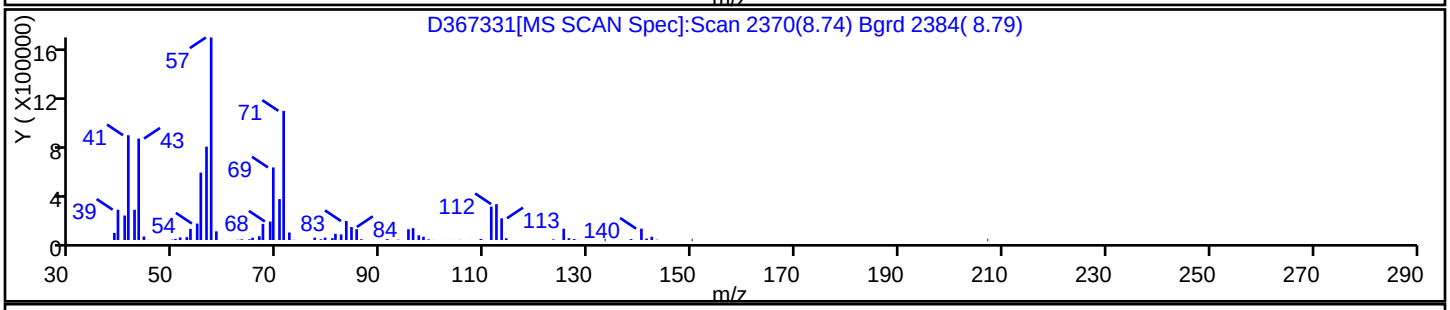
Purge Vol: 5.000 mL Dil. Factor: 1.0000

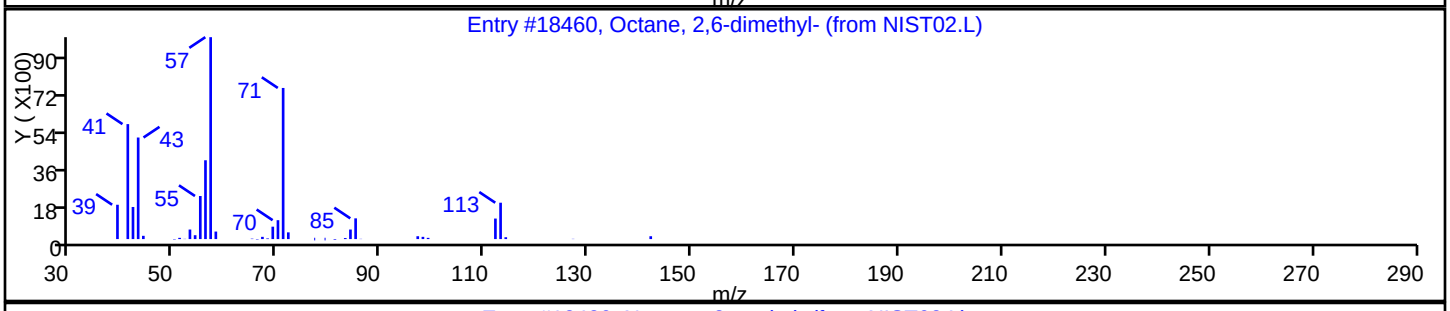
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

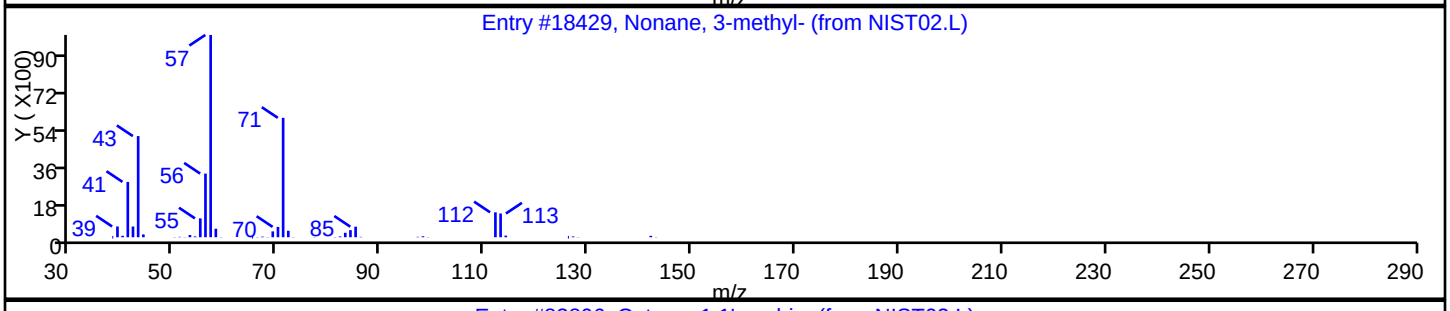
Column: Detector MS SCAN

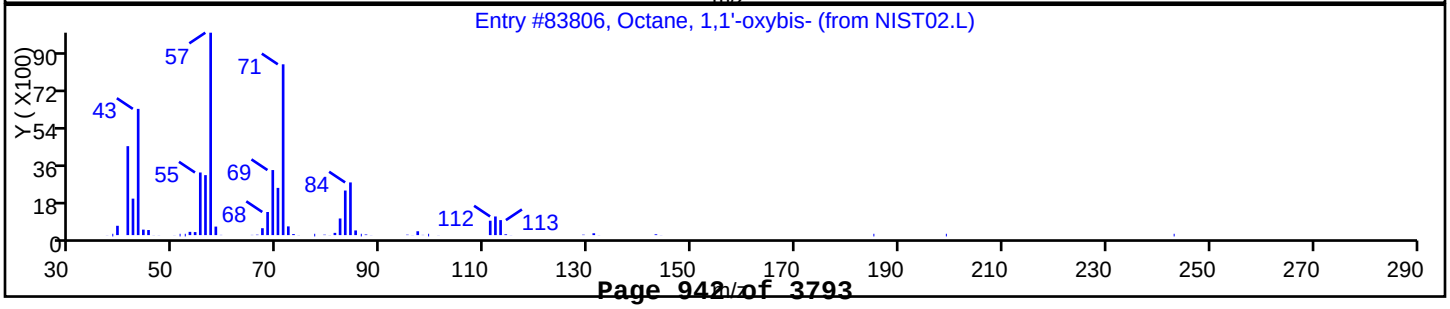
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octane, 2,6-dimethyl-	2051-30-1	NIST02.L	18460	C10H22	142	58
Nonane, 3-methyl-	5911-04-6	NIST02.L	18429	C10H22	142	53
Octane, 1,1'-oxybis-	629-82-3	NIST02.L	83806	C16H34O	242	53











Report Date: 15-Mar-2014 14:31:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D

Injection Date: 14-Mar-2014 03:49:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-15-A Lab Sample ID: 460-72174-15

Client ID: PMP-6SW-SI

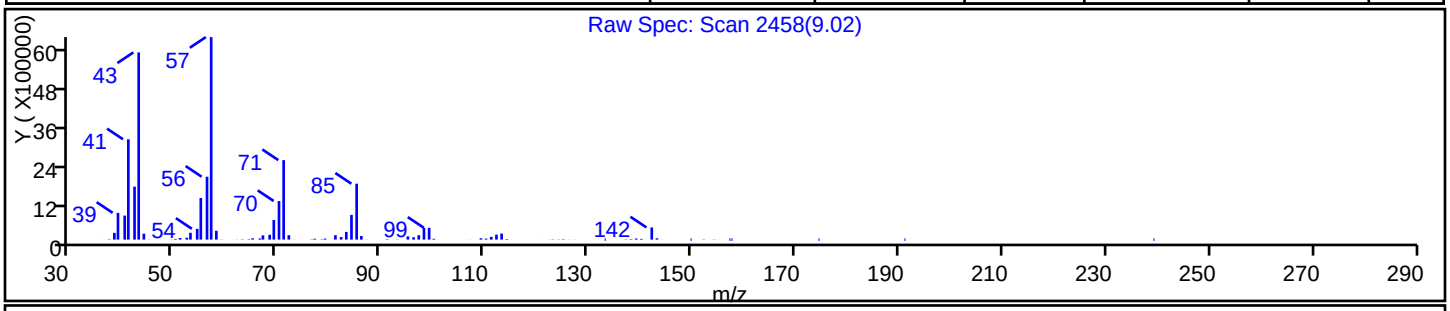
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

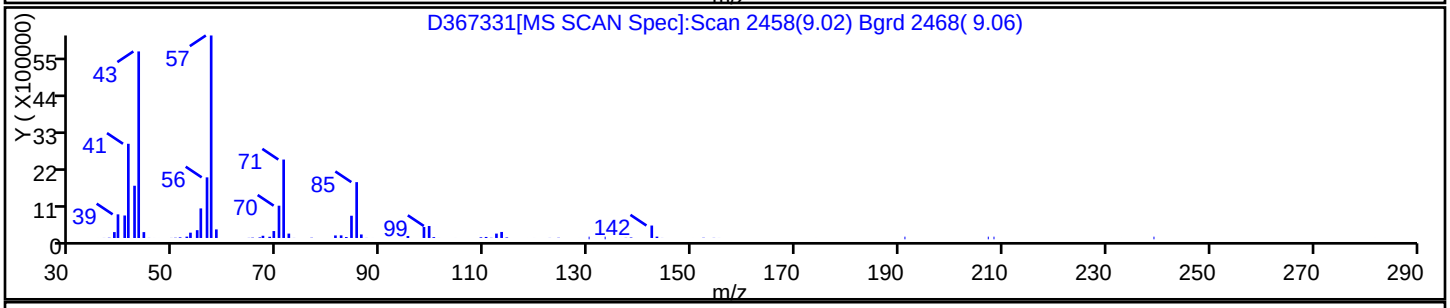
Purge Vol: 5.000 mL Dil. Factor: 1.0000

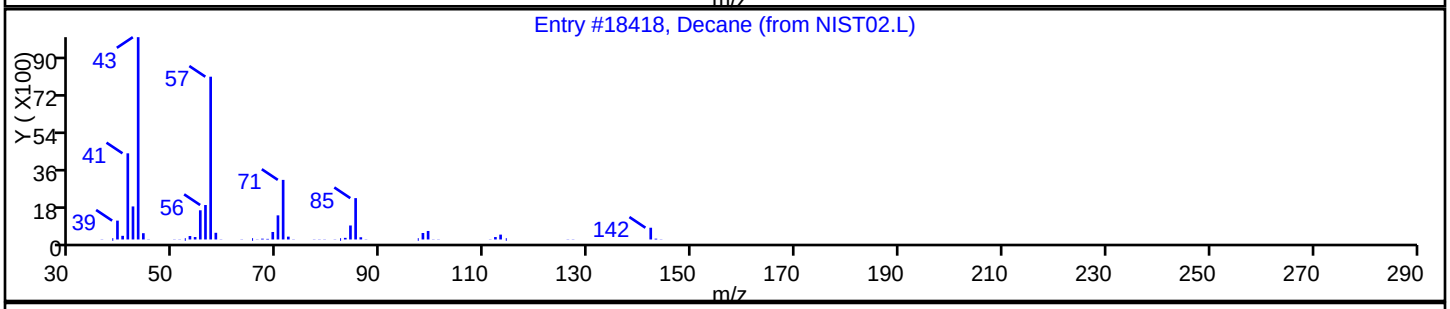
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

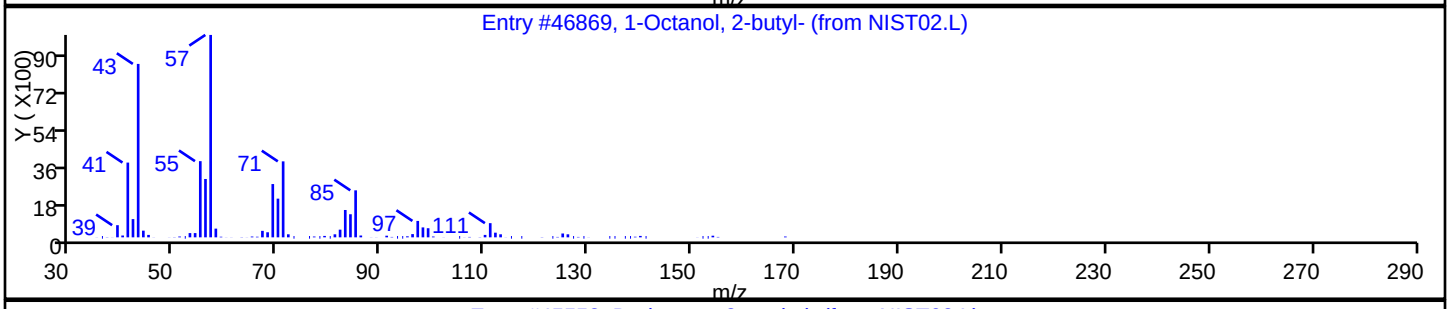
Column: Detector MS SCAN

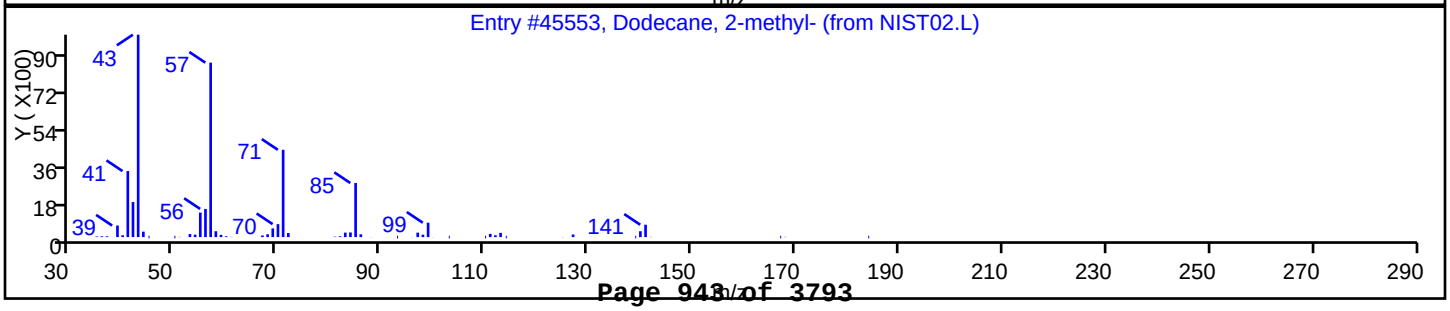
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decane	124-18-5	NIST02.L	18418	C10H22	142	87
1-Octanol, 2-butyl-	3913-02-8	NIST02.L	46869	C12H26O	186	64
Dodecane, 2-methyl-	1560-97-0	NIST02.L	45553	C13H28	184	53











Report Date: 15-Mar-2014 14:31:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D

Injection Date: 14-Mar-2014 03:49:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-15-A Lab Sample ID: 460-72174-15

Client ID: PMP-6SW-SI

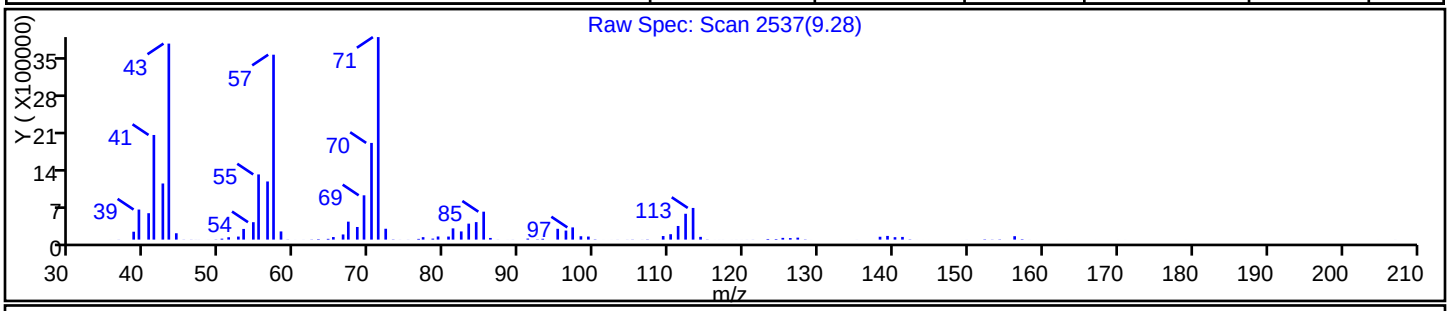
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

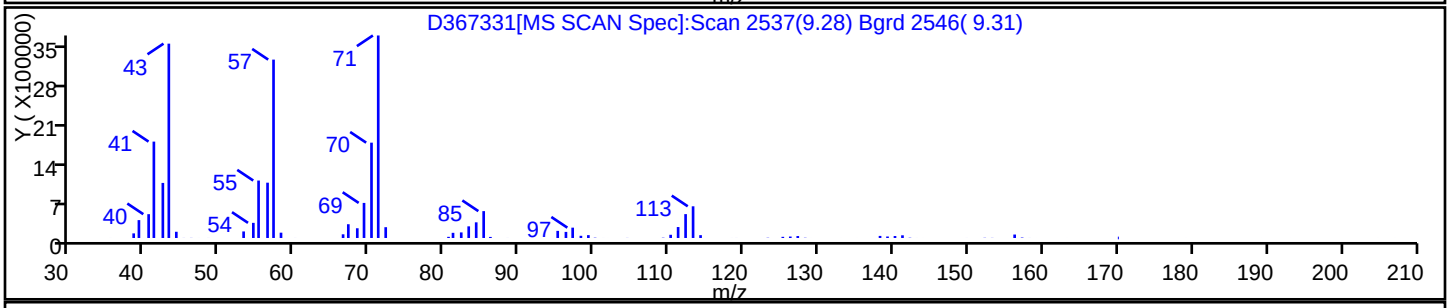
Purge Vol: 5.000 mL Dil. Factor: 1.0000

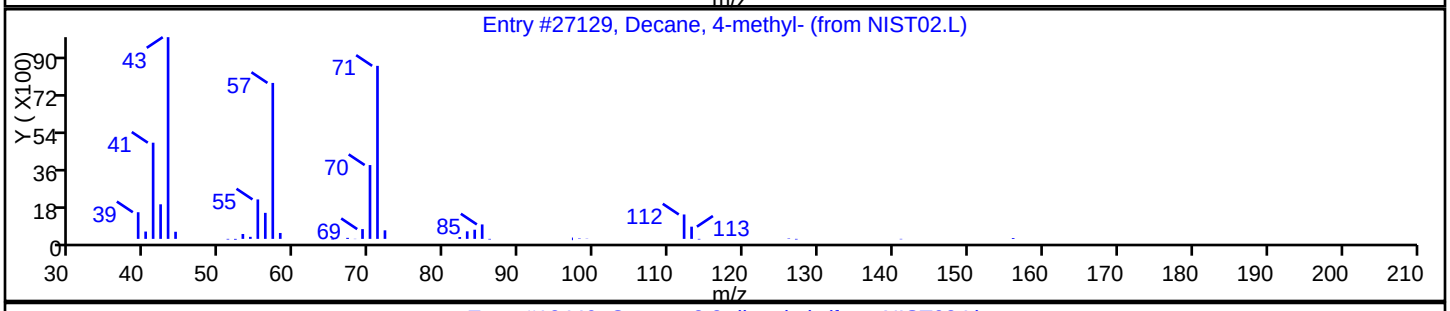
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

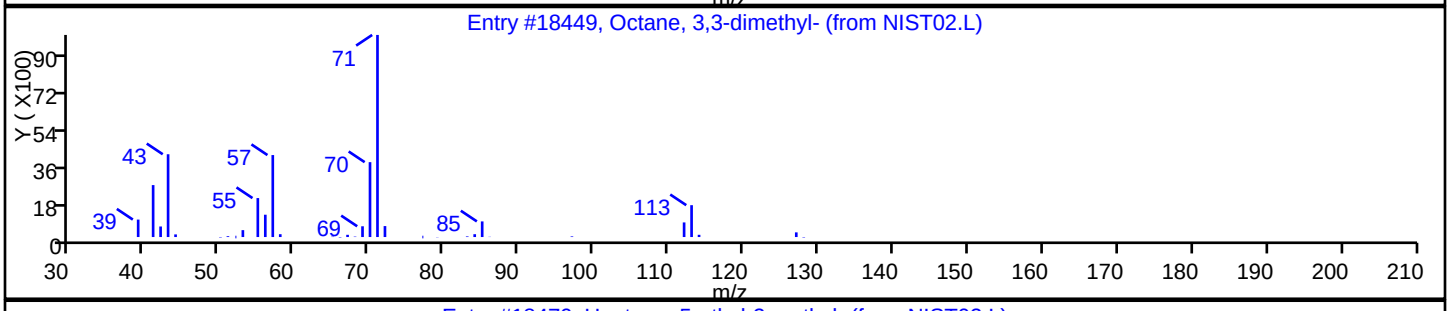
Column: Detector MS SCAN

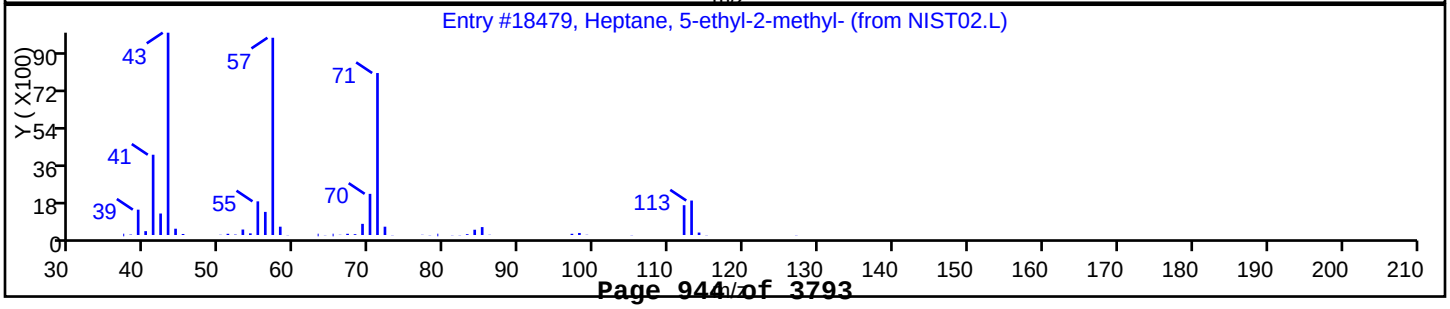
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decane, 4-methyl-	2847-72-5	NIST02.L	27129	C11H24	156	87
Octane, 3,3-dimethyl-	4110-44-5	NIST02.L	18449	C10H22	142	59
Heptane, 5-ethyl-2-methyl-	13475-78-0	NIST02.L	18479	C10H22	142	59











Report Date: 15-Mar-2014 14:31:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D

Injection Date: 14-Mar-2014 03:49:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-15-A Lab Sample ID: 460-72174-15

Client ID: PMP-6SW-SI

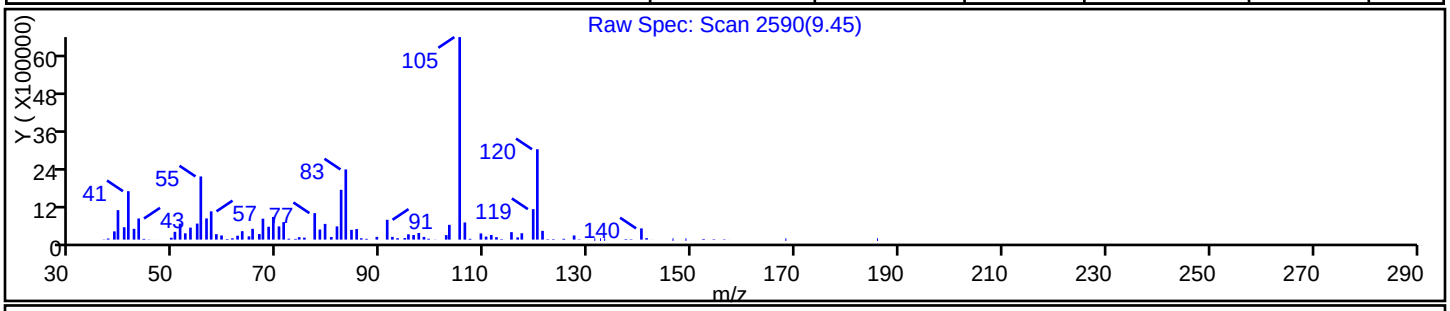
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

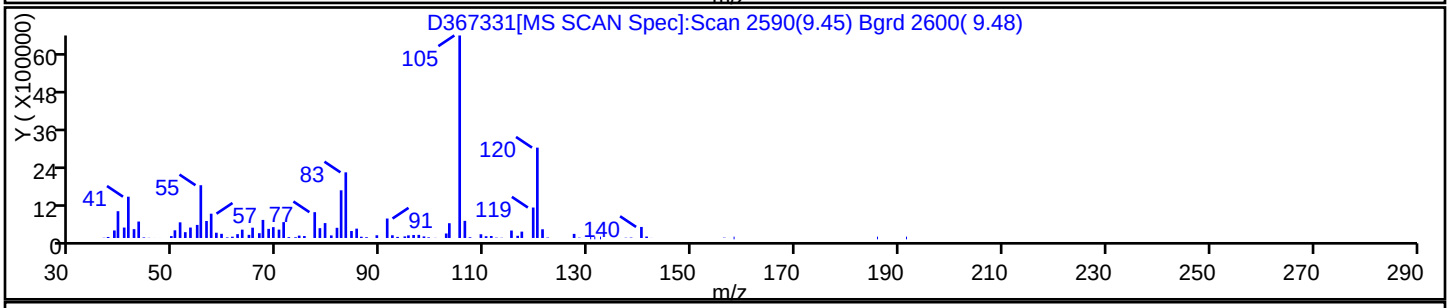
Purge Vol: 5.000 mL Dil. Factor: 1.0000

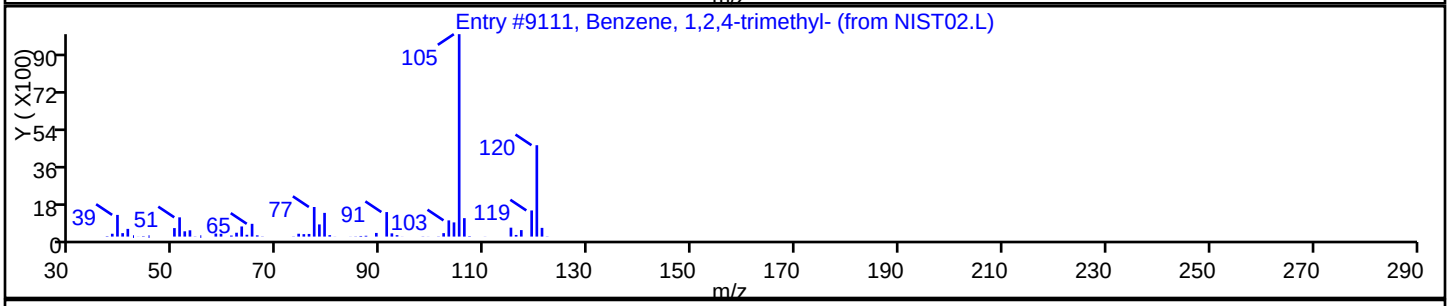
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

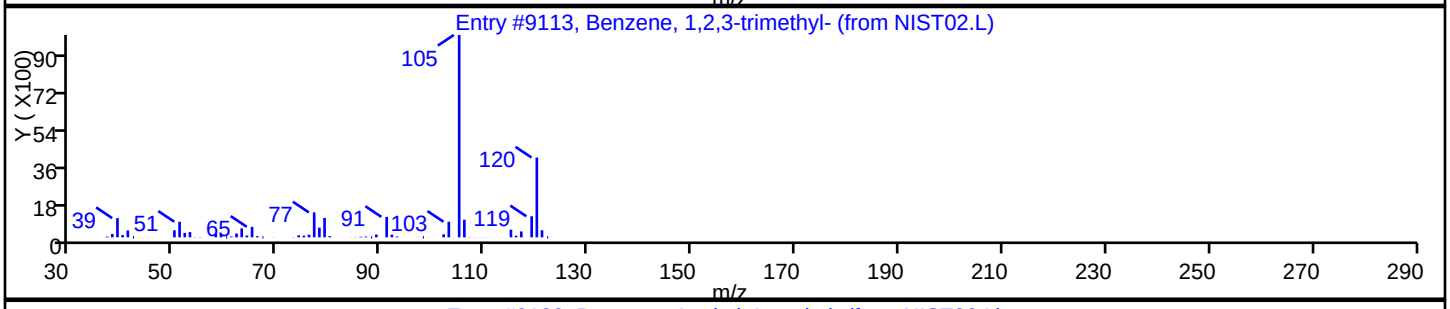
Column: Detector MS SCAN

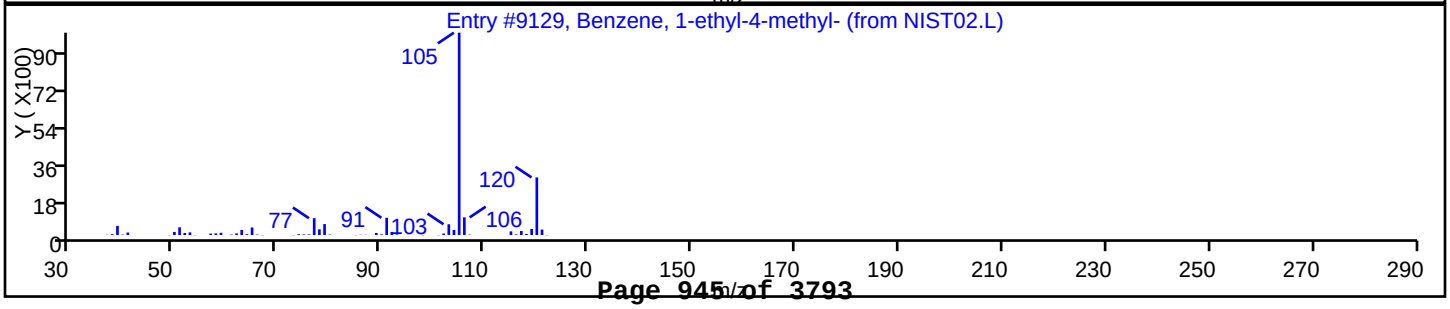
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.L	9111	C9H12	120	91
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9113	C9H12	120	92
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.L	9129	C9H12	120	64











Report Date: 15-Mar-2014 14:31:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D

Injection Date: 14-Mar-2014 03:49:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-15-A Lab Sample ID: 460-72174-15

Client ID: PMP-6SW-SI

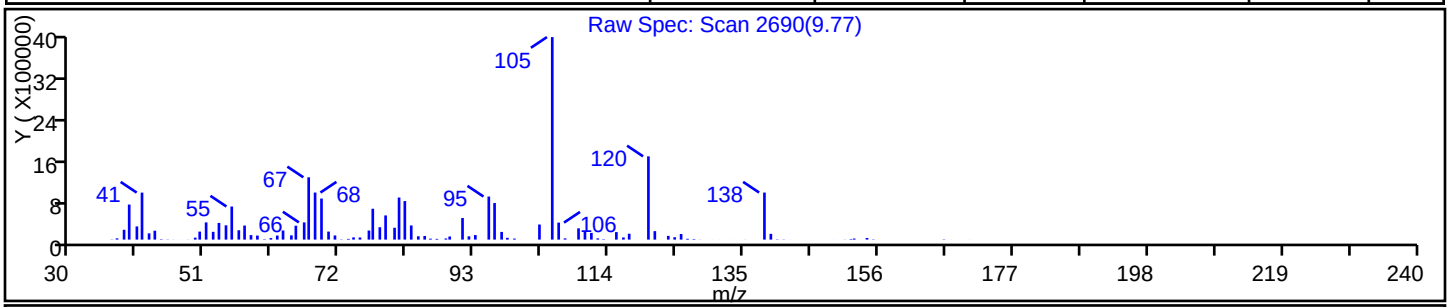
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

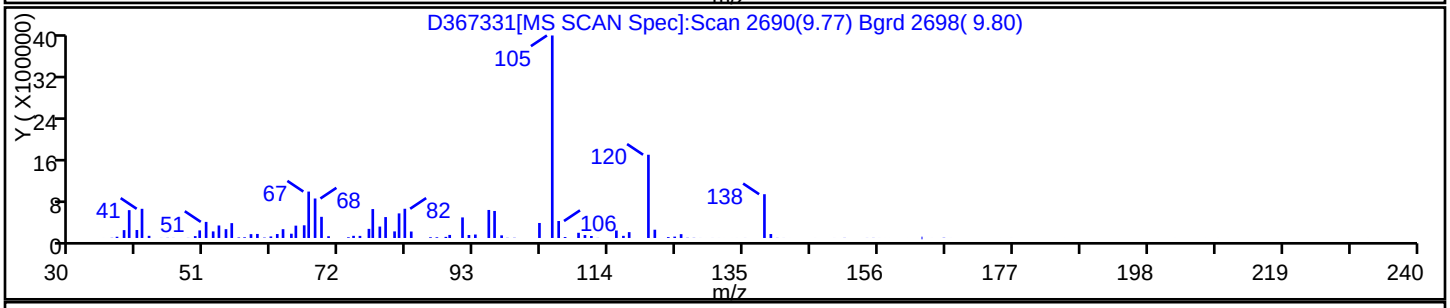
Purge Vol: 5.000 mL Dil. Factor: 1.0000

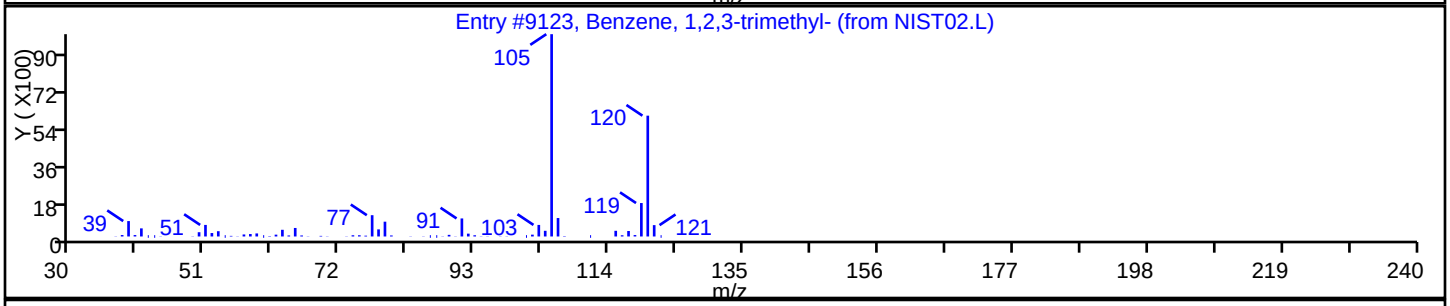
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

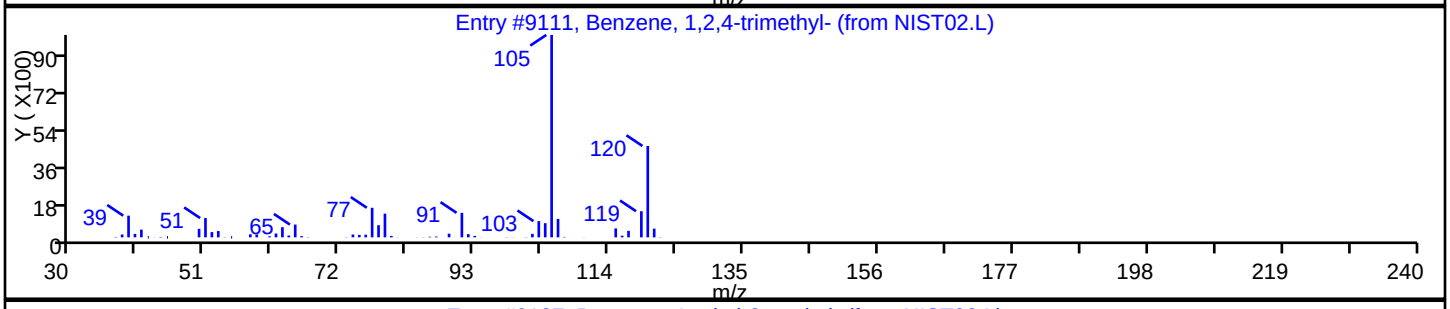
Column: Detector MS SCAN

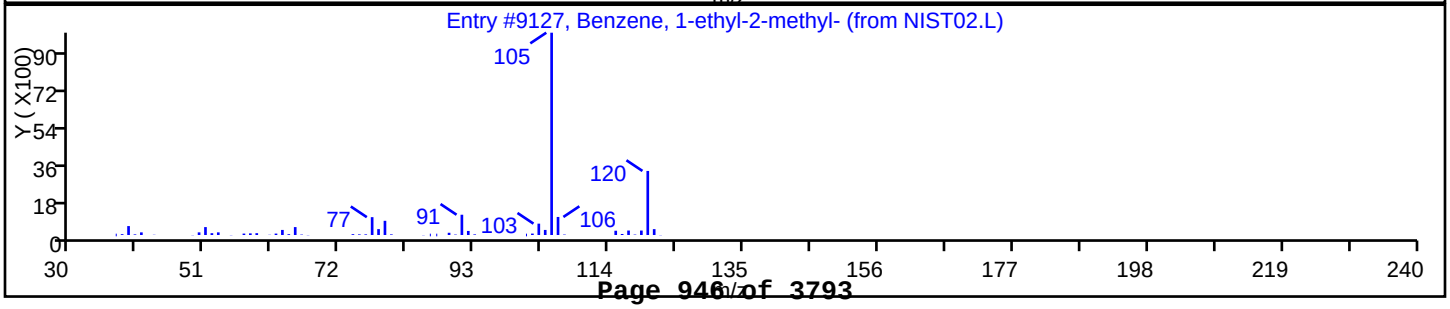
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9123	C9H12	120	46
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.L	9111	C9H12	120	46
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.L	9127	C9H12	120	46











Report Date: 15-Mar-2014 14:31:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D

Injection Date: 14-Mar-2014 03:49:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-15-A Lab Sample ID: 460-72174-15

Client ID: PMP-6SW-SI

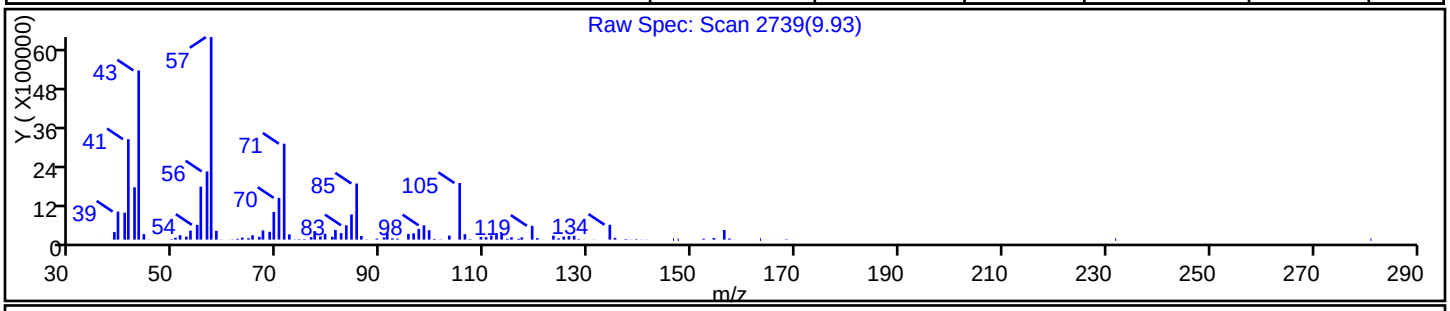
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

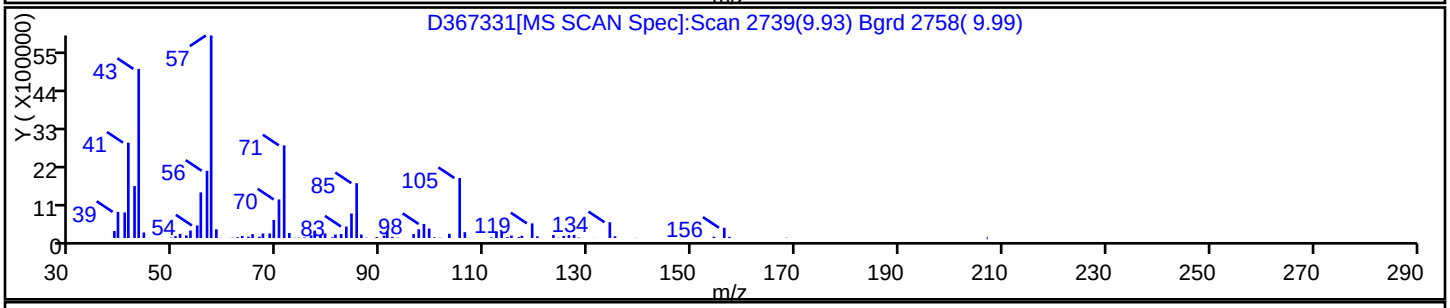
Purge Vol: 5.000 mL Dil. Factor: 1.0000

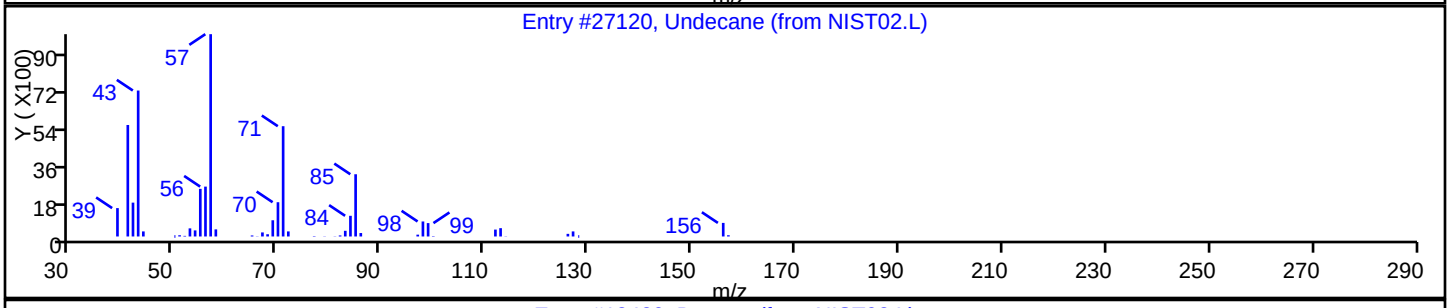
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

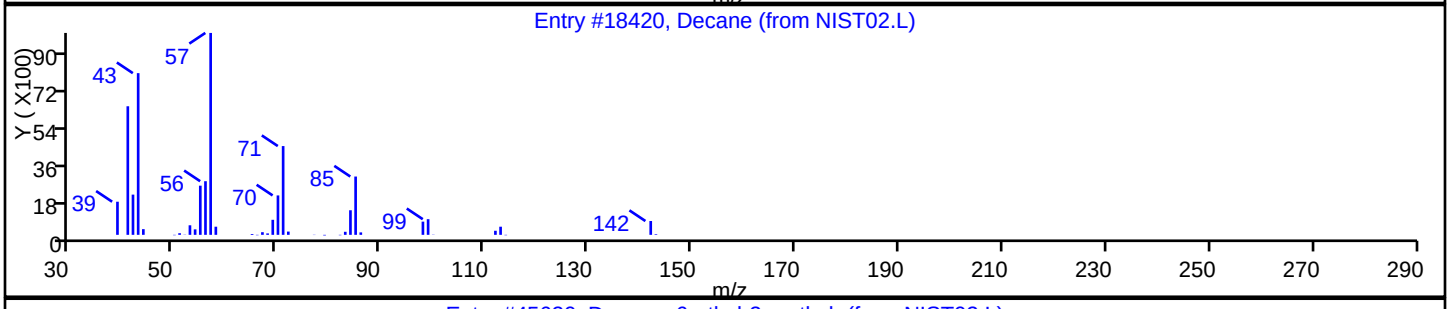
Column: Detector MS SCAN

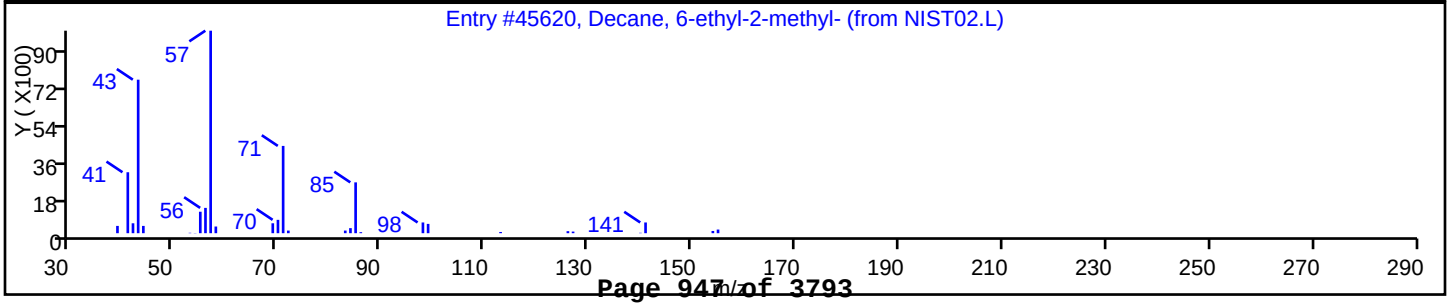
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Undecane	1120-21-4	NIST02.L	27120	C11H24	156	76
Decane	124-18-5	NIST02.L	18420	C10H22	142	59
Decane, 6-ethyl-2-methyl-	62108-21-8	NIST02.L	45620	C13H28	184	47











Report Date: 15-Mar-2014 14:31:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D

Injection Date: 14-Mar-2014 03:49:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-15-A Lab Sample ID: 460-72174-15

Client ID: PMP-6SW-SI

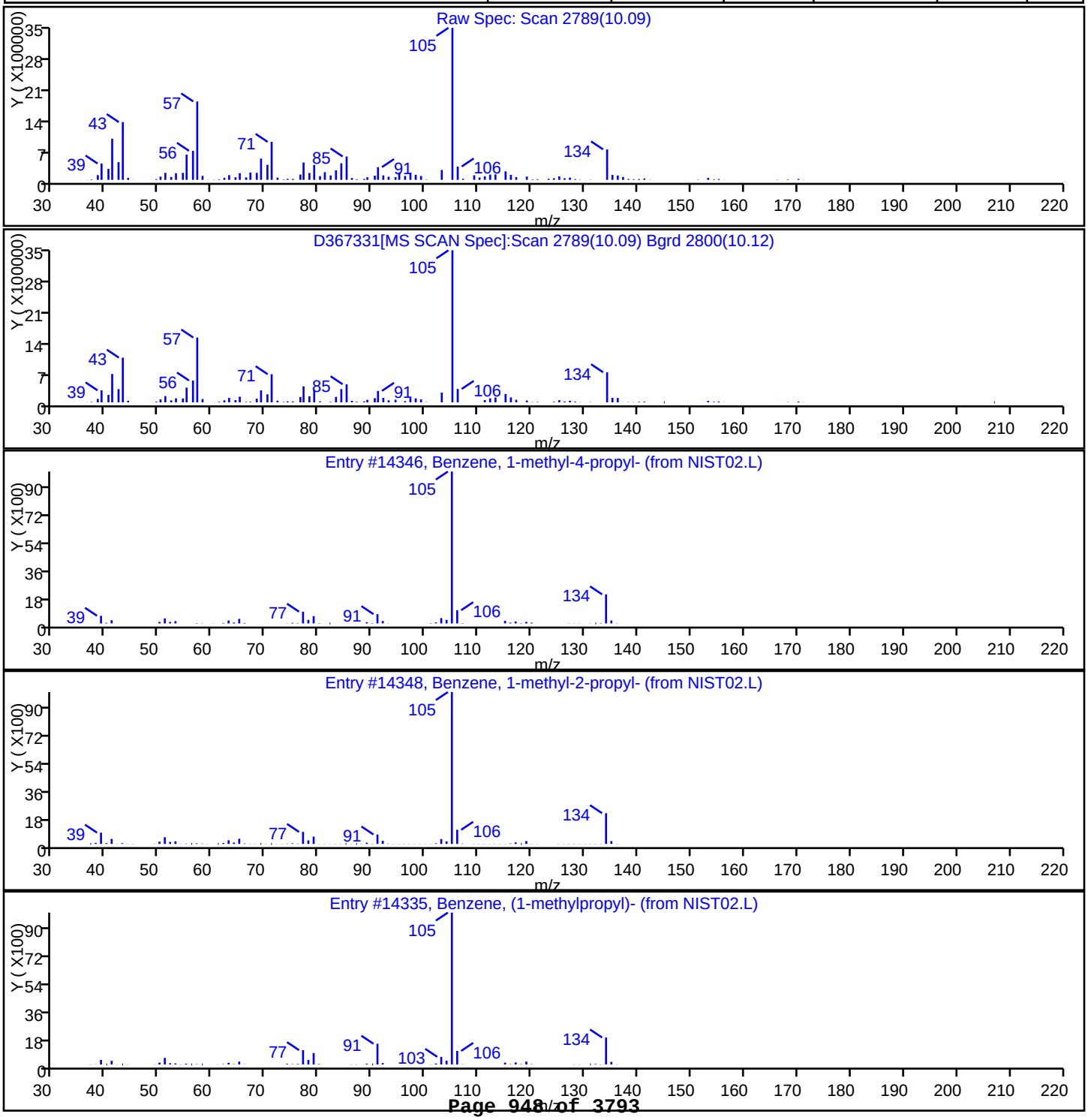
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-4-propyl-	1074-55-1	NIST02.L	14346	C10H14	134	60
Benzene, 1-methyl-2-propyl-	1074-17-5	NIST02.L	14348	C10H14	134	60
Benzene, (1-methylpropyl)-	135-98-8	NIST02.L	14335	C10H14	134	49



Report Date: 15-Mar-2014 14:31:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D

Injection Date: 14-Mar-2014 03:49:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-15-A Lab Sample ID: 460-72174-15

Client ID: PMP-6SW-SI

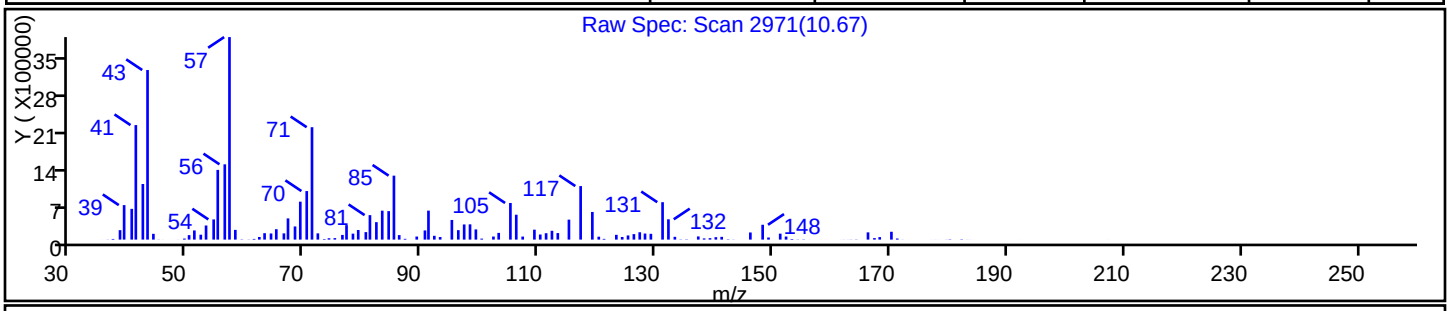
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

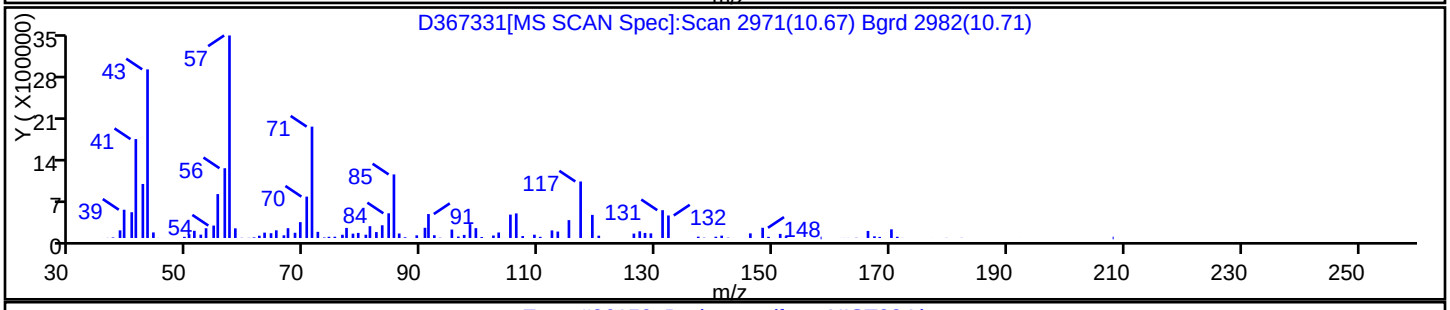
Purge Vol: 5.000 mL Dil. Factor: 1.0000

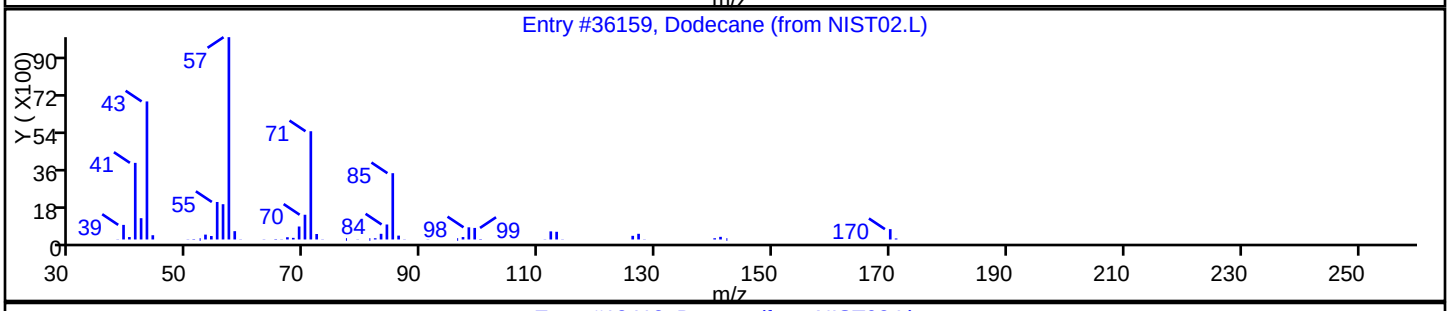
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

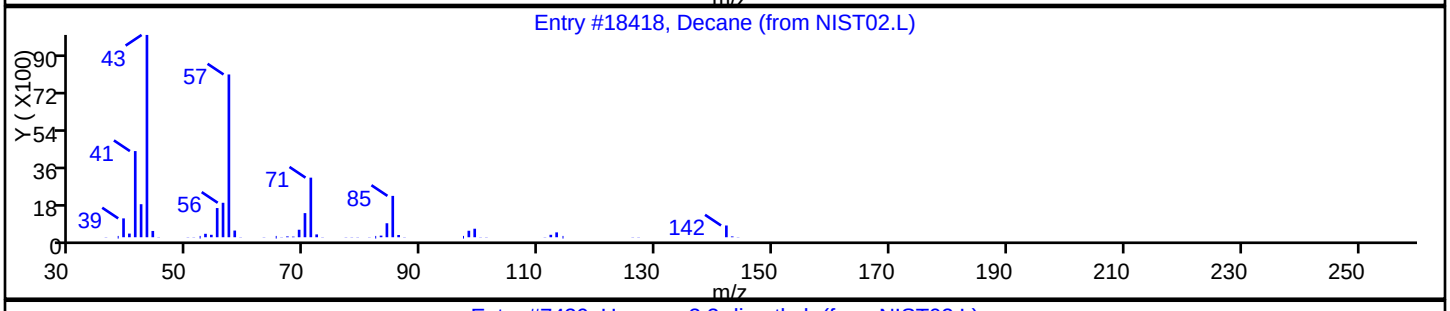
Column: Detector MS SCAN

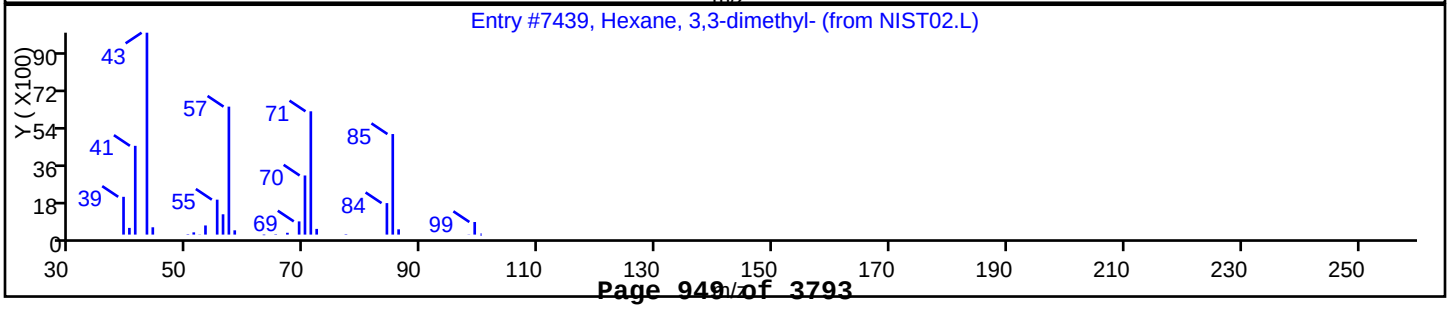
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane	112-40-3	NIST02.L	36159	C12H26	170	55
Decane	124-18-5	NIST02.L	18418	C10H22	142	46
Hexane, 3,3-dimethyl-	563-16-6	NIST02.L	7439	C8H18	114	43











Report Date: 15-Mar-2014 14:31:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D

Injection Date: 14-Mar-2014 03:49:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-15-A Lab Sample ID: 460-72174-15

Client ID: PMP-6SW-SI

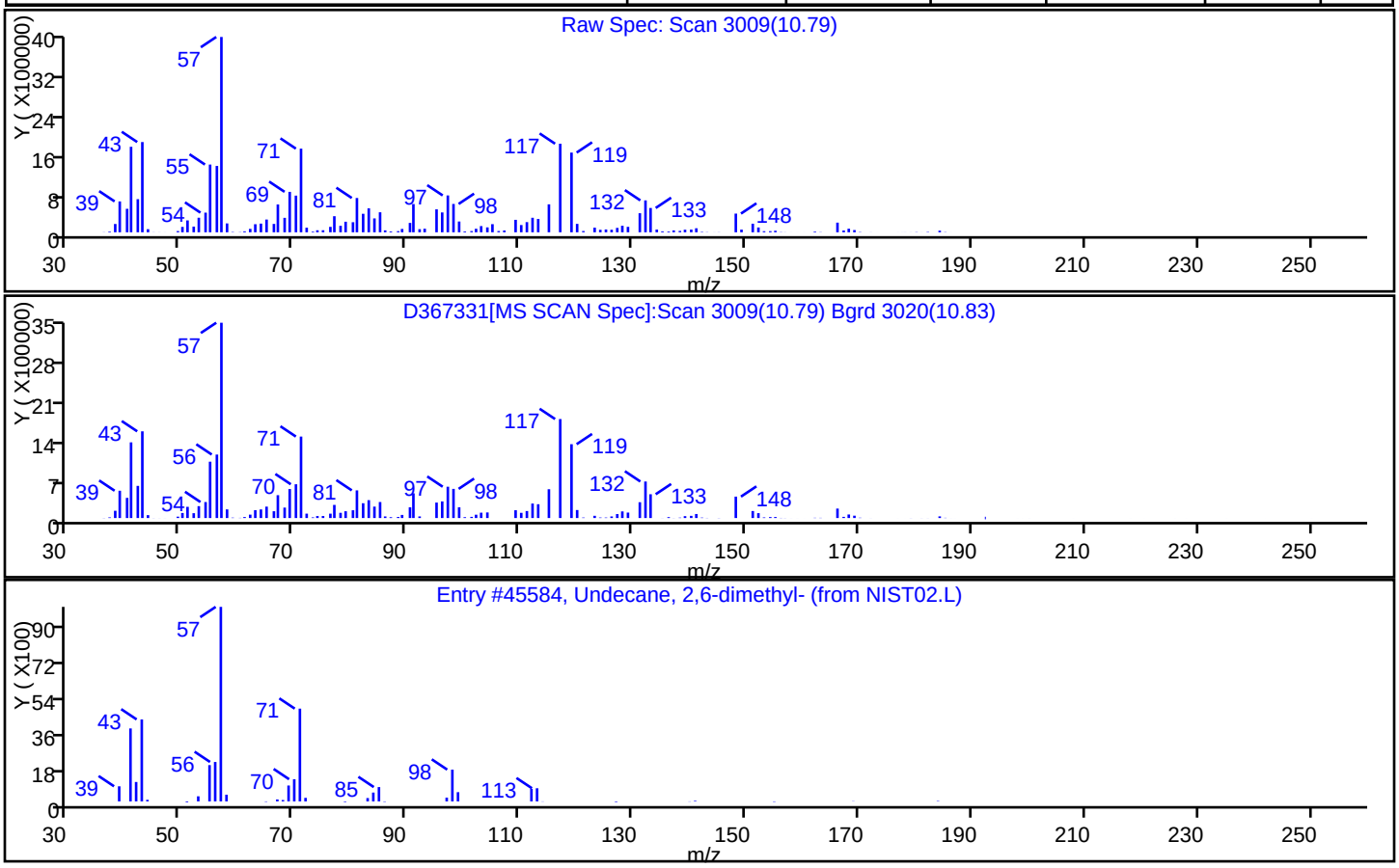
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.L	45584	C13H28	184	80



Report Date: 15-Mar-2014 14:31:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367331.D

Injection Date: 14-Mar-2014 03:49:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-15-A Lab Sample ID: 460-72174-15

Client ID: PMP-6SW-SI

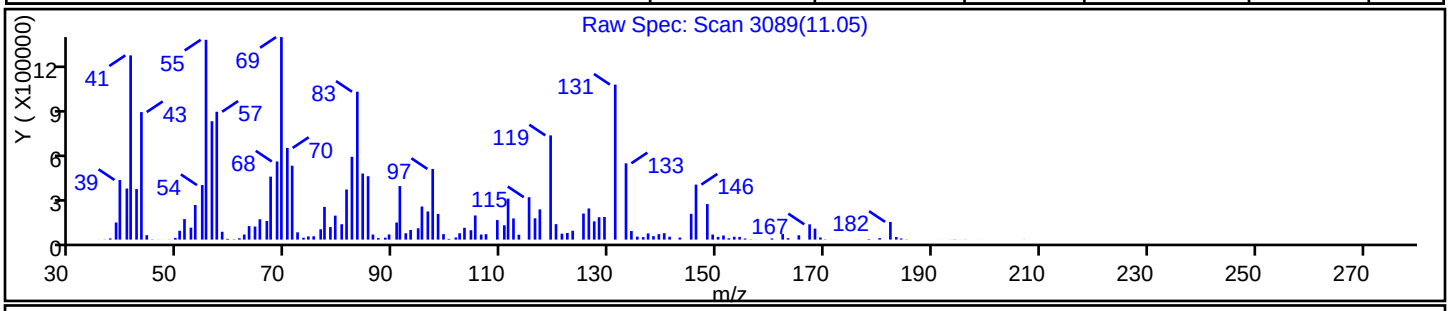
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

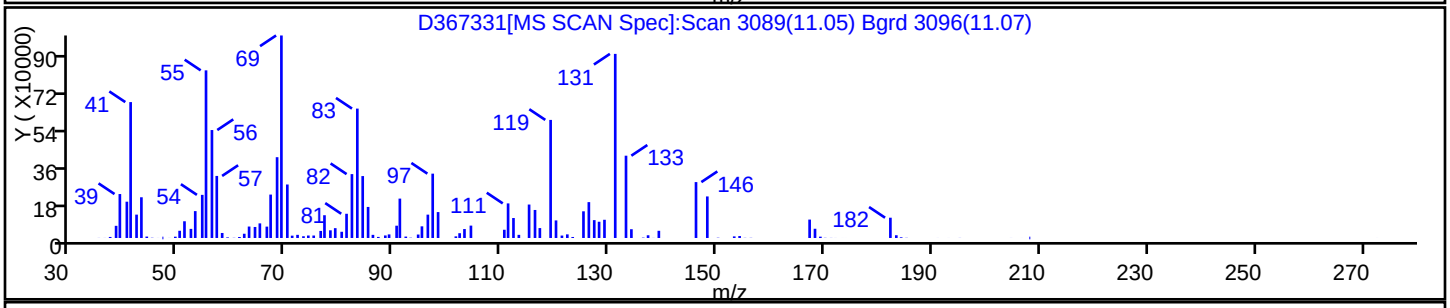
Purge Vol: 5.000 mL Dil. Factor: 1.0000

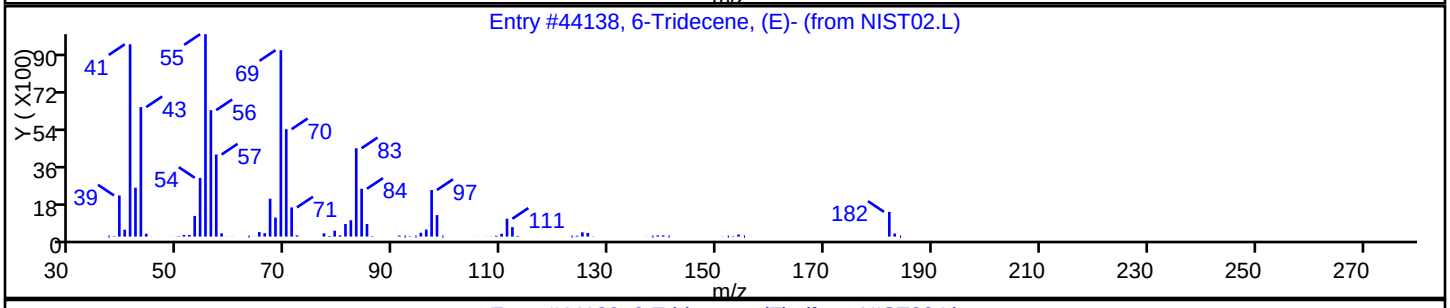
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

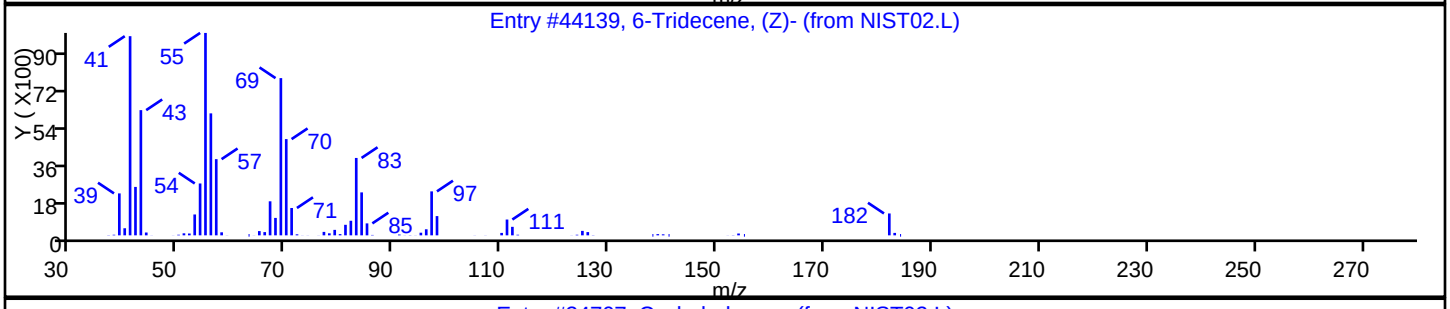
Column: Detector MS SCAN

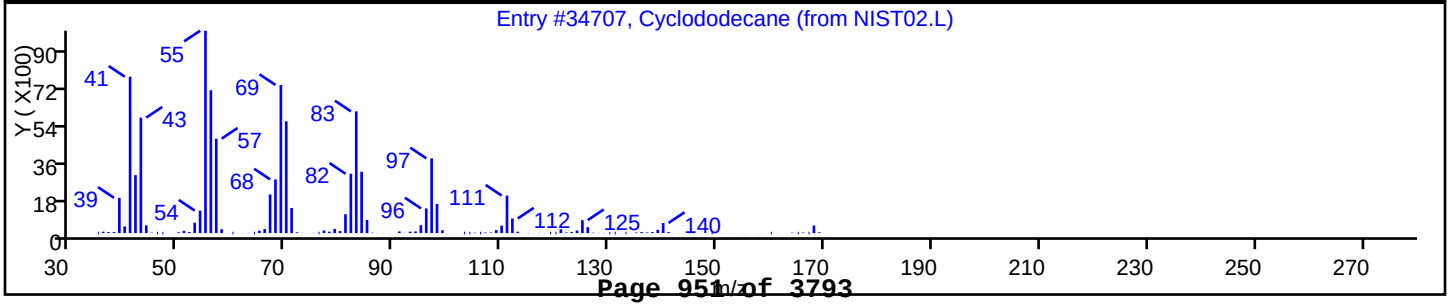
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
6-Tridecene, (E)-	6434-76-0	NIST02.L	44138	C13H26	182	49
6-Tridecene, (Z)-	6508-77-6	NIST02.L	44139	C13H26	182	49
Cyclododecane	294-62-2	NIST02.L	34707	C12H24	168	46











FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-VD | Lab Sample ID: 460-72174-16

Matrix: Solid | Lab File ID: D367429.D

Analysis Method: 8260B | Date Collected: 03/06/2014 11:45

Sample wt/vol: 6.358(g) | Date Analyzed: 03/16/2014 11:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.9 | Level: (low/med) Low

Analysis Batch No.: 212899 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.13	U	0.84	0.13
74-83-9	Bromomethane	0.36	U	0.84	0.36
75-01-4	Vinyl chloride	0.28	U	0.84	0.28
75-00-3	Chloroethane	0.28	U	0.84	0.28
75-09-2	Methylene Chloride	0.13	U	0.84	0.13
67-64-1	Acetone	1.4	U	4.2	1.4
75-15-0	Carbon disulfide	0.13	U	0.84	0.13
75-69-4	Trichlorofluoromethane	0.13	U	0.84	0.13
75-35-4	1,1-Dichloroethene	0.16	U	0.84	0.16
75-34-3	1,1-Dichloroethane	0.092	U	0.84	0.092
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.84	0.11
156-59-2	cis-1,2-Dichloroethene	0.19	J	0.84	0.092
67-66-3	Chloroform	1.4		0.84	0.20
78-93-3	2-Butanone	0.53	U	4.2	0.53
107-06-2	1,2-Dichloroethane	0.15	U	0.84	0.15
71-55-6	1,1,1-Trichloroethane	0.11	U	0.84	0.11
56-23-5	Carbon tetrachloride	0.13	U	0.84	0.13
71-43-2	Benzene	0.13	U	0.84	0.13
75-25-2	Bromoform	0.14	U	0.84	0.14
100-42-5	Styrene	0.23	U	0.84	0.23
100-41-4	Ethylbenzene	0.36	J	0.84	0.14
108-90-7	Chlorobenzene	0.15	U	0.84	0.15
110-82-7	Cyclohexane	0.11	U	0.84	0.11
98-82-8	Isopropylbenzene	0.092	U	0.84	0.092
591-78-6	2-Hexanone	0.11	U	4.2	0.11
1634-04-4	MTBE	0.092	U	0.84	0.092
76-13-1	Freon TF	0.092	U	0.84	0.092
79-20-9	Methyl acetate	0.27	U *	4.2	0.27
123-91-1	1,4-Dioxane	11	U	17	11
79-01-6	Trichloroethene	0.55	J	0.84	0.10
108-88-3	Toluene	0.93		0.84	0.12
10061-02-6	trans-1,3-Dichloropropene	0.084	U	0.84	0.084
108-10-1	4-Methyl-2-pentanone	0.17	U	4.2	0.17
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.84	0.12
95-50-1	1,2-Dichlorobenzene	1.0		0.84	0.084
541-73-1	1,3-Dichlorobenzene	2.3		0.84	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-VD | Lab Sample ID: 460-72174-16

Matrix: Solid | Lab File ID: D367429.D

Analysis Method: 8260B | Date Collected: 03/06/2014 11:45

Sample wt/vol: 6.358(g) | Date Analyzed: 03/16/2014 11:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.9 | Level: (low/med) Low

Analysis Batch No.: 212899 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2.9		0.84	0.092
120-82-1	1,2,4-Trichlorobenzene	1.5		0.84	0.16
87-61-6	1,2,3-Trichlorobenzene	18		0.84	0.13
78-87-5	1,2-Dichloropropane	0.13	U	0.84	0.13
108-87-2	Methylcyclohexane	0.084	U	0.84	0.084
127-18-4	Tetrachloroethene	0.21	J *	0.84	0.10
1330-20-7	Xylenes, Total	0.80	J	1.7	0.56
96-12-8	1,2-Dibromo-3-Chloropropane	0.37	U	0.84	0.37
79-34-5	1,1,2,2-Tetrachloroethane	0.075	U	0.84	0.075
79-00-5	1,1,2-Trichloroethane	0.12	U	0.84	0.12
124-48-1	Dibromochloromethane	0.084	U	0.84	0.084
106-93-4	1,2-Dibromoethane	0.13	U	0.84	0.13
75-71-8	Dichlorodifluoromethane	0.18	U	0.84	0.18
74-97-5	Bromochloromethane	0.092	U *	0.84	0.092
75-27-4	Bromodichloromethane	0.27	U	0.84	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	105		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-VD | Lab Sample ID: 460-72174-16

Matrix: Solid | Lab File ID: D367429.D

Analysis Method: 8260B | Date Collected: 03/06/2014 11:45

Sample wt/vol: 6.358(g) | Date Analyzed: 03/16/2014 11:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.9 | Level: (low/med) Low

Analysis Batch No.: 212899 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 70.7

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	4.55	4.3	J
1000214-98-3	1,3,4-Trimethyladamantane	11.35	5.2	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	12.29	11	J N
634-90-2	Benzene, 1,2,3,5-tetrachloro-	12.82	4.9	J N
62199-50-2	Cyclopentane, 1-butyl-2-propyl-	13.03	11	J N
	Unknown	13.17	13	J
1000193-58-6	2,4,6-Trimethyl-2-(4-methyl-pent-3-enyl)	13.51	5.2	J N
	Unknown	13.86	4.6	J
1000193-58-6	2,4,6-Trimethyl-2-(4-methyl-pent-3-enyl)	14.41	5.2	J N
	Unknown	14.58	6.3	J

Report Date: 17-Mar-2014 09:09:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D
Lims ID: 460-72174-C-16-A Lab Sample ID: 460-72174-16
Client ID: PMP-2SW-VD
Sample Type: Client
Inject. Date: 16-Mar-2014 11:10:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-C-16-A
Misc. Info.: 460-0010932-013
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 17-Mar-2014 09:09:55 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK005

First Level Reviewer: delpolitov Date: 17-Mar-2014 09:09:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.628	2.631	-0.003	64	157092	1000.0	
42 cis-1,2-Dichloroethene	96	3.326	3.323	0.003	37	1099	0.2277	
47 Chloroform	83	3.557	3.557	0.0	82	11921	1.67	
$ 152 Dibromofluoromethane (Surr)	113	3.699	3.705	-0.006	92	142834	52.4	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.146	4.149	-0.003	98	115647	48.7	
* 59 Fluorobenzene	96	4.409	4.413	-0.004	89	620142	50.0	
61 Trichloroethene	95	4.573	4.573	0.0	20	2816	0.6541	M
* 150 1,4-Dioxane-d8	96	5.371	5.374	-0.003	1	13082	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.075	6.078	-0.003	90	595442	43.5	
77 Toluene	91	6.136	6.133	0.003	82	22579	1.12	
80 Tetrachloroethene	166	6.580	6.583	-0.003	53	1108	0.2454	M
* 87 Chlorobenzene-d5	117	7.779	7.779	0.0	83	396530	50.0	
89 Ethylbenzene	106	7.853	7.850	0.003	77	2952	0.4269	
92 o-Xylene	106	8.364	8.367	-0.003	91	7545	0.9574	M
$ 99 4-Bromofluorobenzene	174	8.859	8.859	0.0	84	152630	49.6	
115 1,3-Dichlorobenzene	146	9.666	9.663	0.003	88	25942	2.75	
* 116 1,4-Dichlorobenzene-d4	152	9.724	9.724	0.0	89	209376	50.0	
117 1,4-Dichlorobenzene	146	9.737	9.734	0.003	63	31830	3.43	
121 1,2-Dichlorobenzene	146	10.039	10.036	0.003	78	9928	1.24	
124 1,2,4-Trichlorobenzene	180	11.091	11.091	0.0	76	10563	1.76	
128 1,2,3-Trichlorobenzene	180	11.448	11.448	0.0	87	110766	21.9	
S 131 Xylenes, Total	100				0		0.9574	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D				
Lims ID:	460-72174-C-16-A	Lab Sample ID:	460-72174-16		
Client ID:	PMP-2SW-VD				
Sample Type:	Client				
Inject. Date:	16-Mar-2014 11:10:30	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-72174-C-16-A				
Misc. Info.:	460-0010932-013				
Operator ID:		Instrument ID:	CVOAMS4		
Method:	\\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\8260S_4.m				
Limit Group:	VOA - 8260B Water and Solid				
Last Update:	17-Mar-2014 09:09:55	Calib Date:	12-Mar-2014 20:41:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L				
Min. Match:	40				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK005				
First Level Reviewer: delpolitov		Date:	17-Mar-2014 09:09:55		

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
4.554	128052	5.17	59					
	1000214-98-3	1,3,4-Trimethyladamantane						
11.345	158541	6.18	116	72	41332	C13H22	178	
	80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal						
12.293	332781	13.0	116	96	61716	C15H28	208	
	634-90-2	Benzene, 1,2,3,5-tetrachloro-						
12.817	149985	5.84	116	97	65861	C6H2Cl4	214	
	62199-50-2	Cyclopentane, 1-butyl-2-propyl-						
13.026	323593	12.6	116	46	34822	C12H24	168	
		Unknown						
13.171	397546	15.5	116					
	1000193-58-6	2,4,6-Trimethyl-2-(4-methyl-pent-3-enyl)						
13.509	160457	6.25	116	50	60221	C14H22O	206	
		Unknown						
13.856	142179	5.54	116					
	1000193-58-6	2,4,6-Trimethyl-2-(4-methyl-pent-3-enyl)						
14.409	158522	6.18	116	52	60221	C14H22O	206	
		Unknown						
14.579	194741	7.59	116					

Report Date: 17-Mar-2014 09:09:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 59 Fluorobenzene	4.409	1238447	50.0
* 116 1,4-Dichlorobenzene-d4	9.724	1283400	50.0

QC Flag Legend

Processing Flags

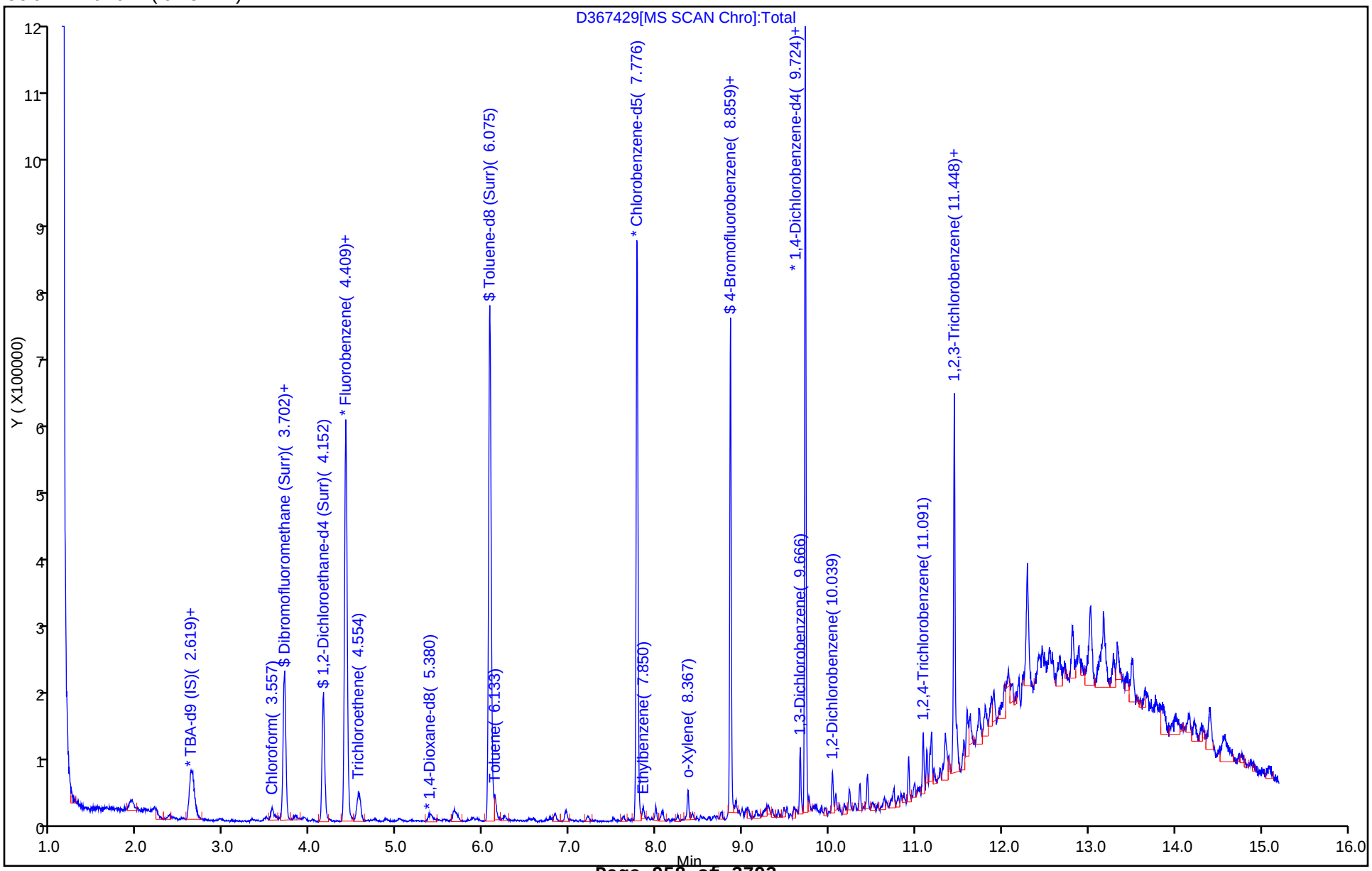
Report Date: 17-Mar-2014 09:09:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D

Injection Date:	16-Mar-2014 11:10:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-C-16-A	Lab Sample ID:	460-72174-16	Worklist Smp#:	13
Client ID:	PMP-2SW-VD				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)

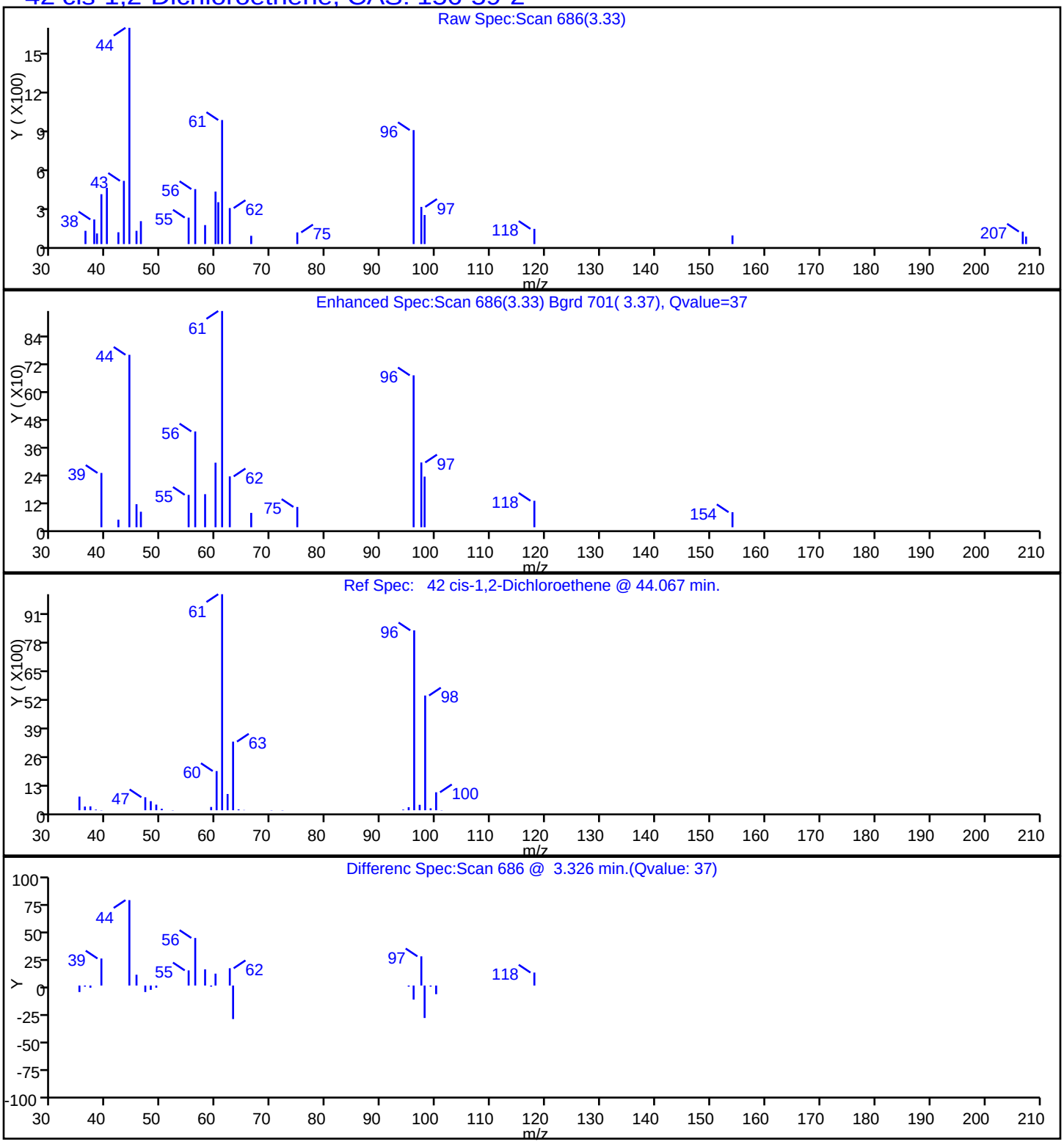


Report Date: 17-Mar-2014 09:09:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D				
Injection Date:	16-Mar-2014 11:10:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-16-A	Lab Sample ID:	460-72174-16		
Client ID:	PMP-2SW-VD				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

42 cis-1,2-Dichloroethene, CAS: 156-59-2



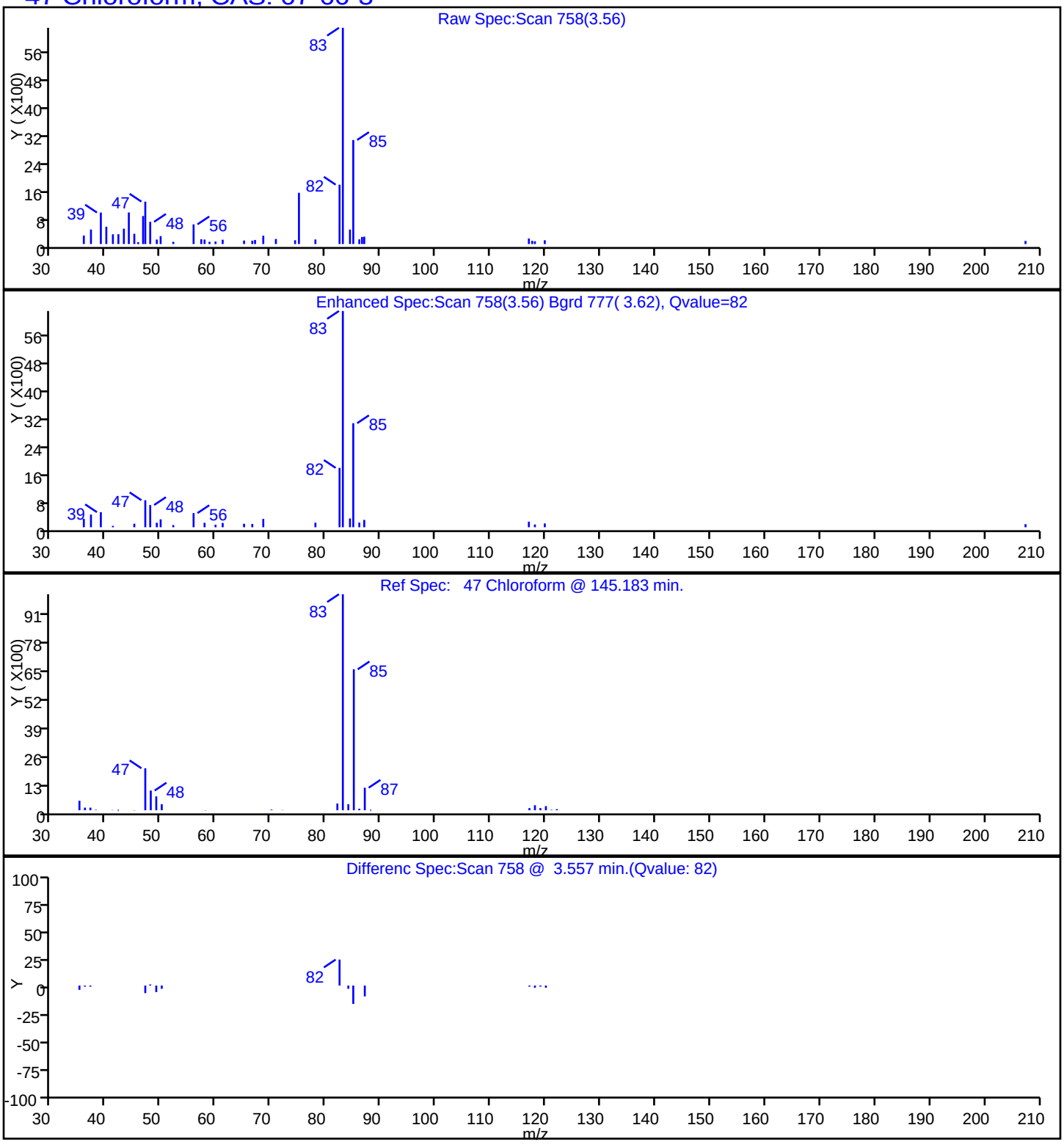
Report Date: 17-Mar-2014 09:09:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D

Injection Date:	16-Mar-2014 11:10:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-16-A	Lab Sample ID:	460-72174-16		
Client ID:	PMP-2SW-VD				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

47 Chloroform, CAS: 67-66-3



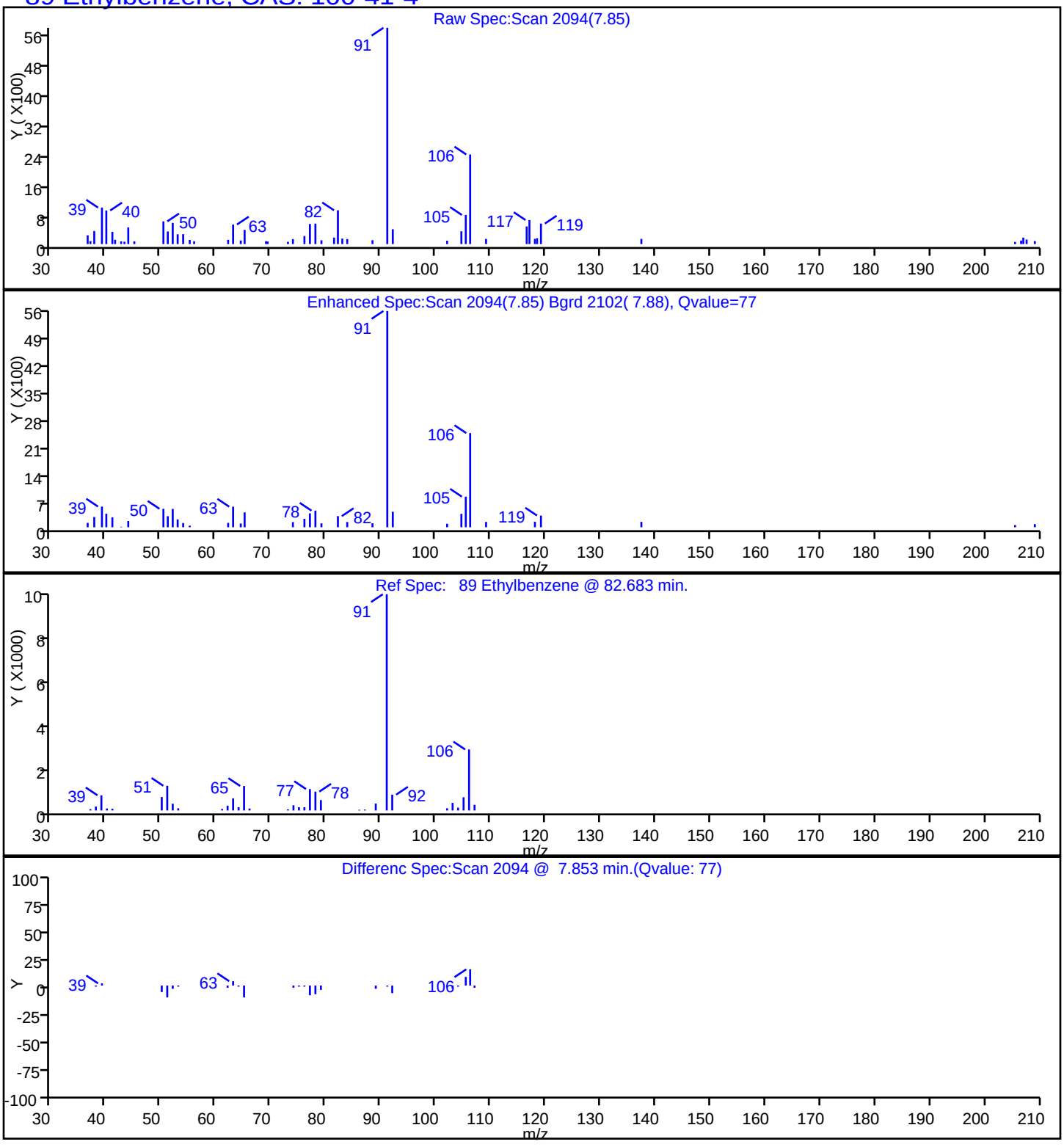
Report Date: 17-Mar-2014 09:09:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D

Injection Date:	16-Mar-2014 11:10:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-16-A	Lab Sample ID:	460-72174-16		
Client ID:	PMP-2SW-VD				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

89 Ethylbenzene, CAS: 100-41-4



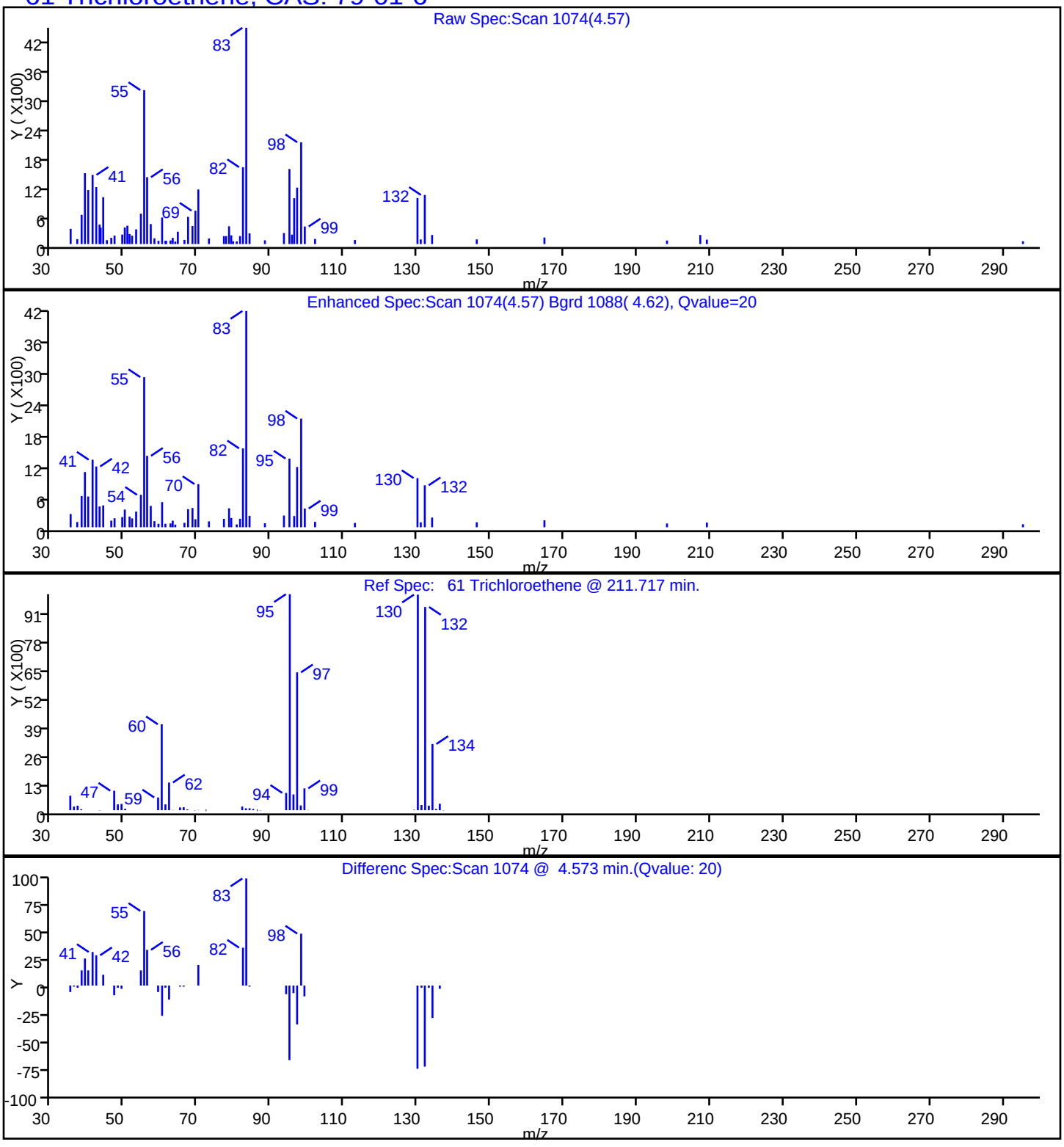
Report Date: 17-Mar-2014 09:09:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D

Injection Date:	16-Mar-2014 11:10:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-16-A	Lab Sample ID:	460-72174-16		
Client ID:	PMP-2SW-VD				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

61 Trichloroethene, CAS: 79-01-6



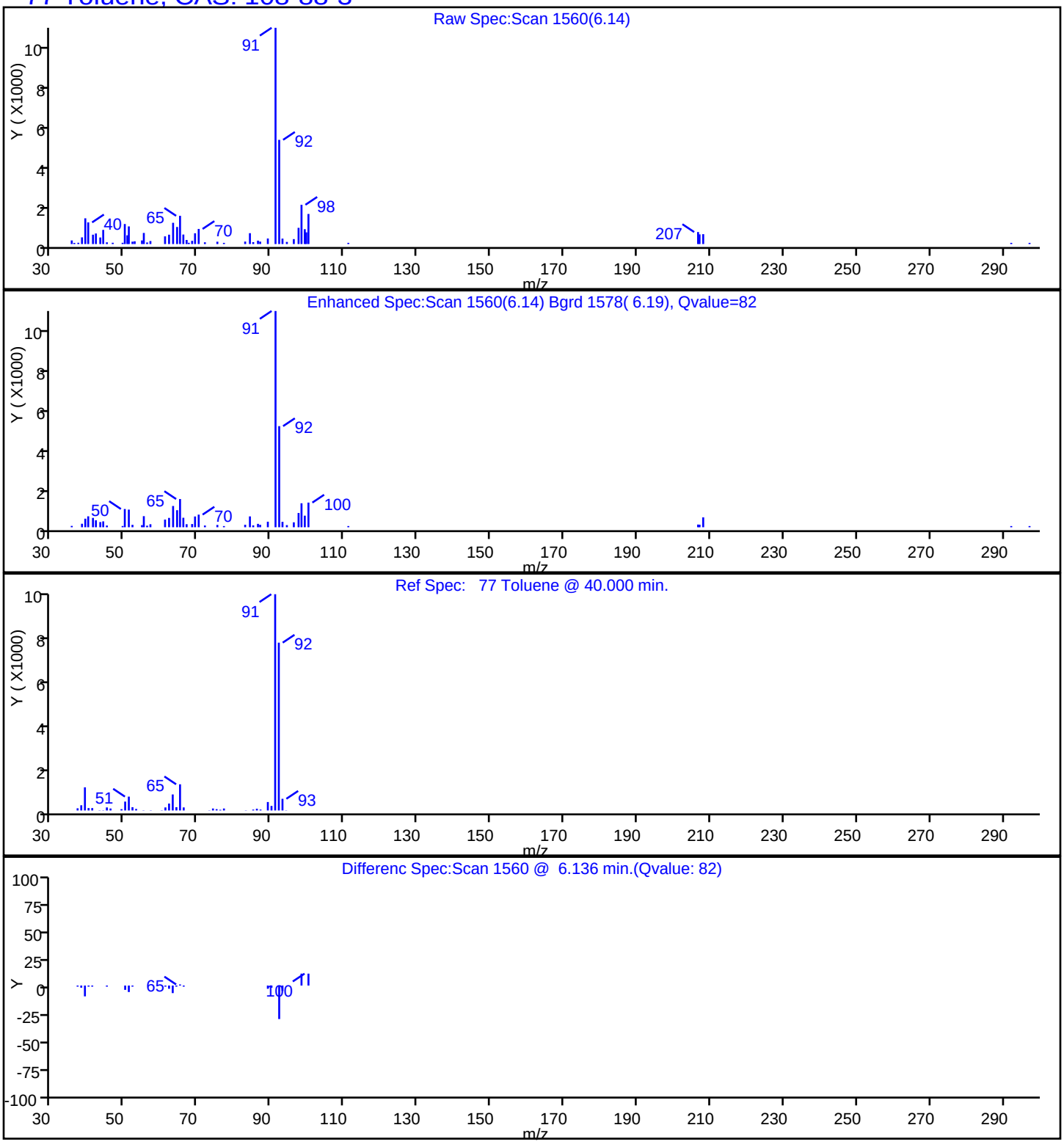
Report Date: 17-Mar-2014 09:09:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D

Injection Date:	16-Mar-2014 11:10:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-16-A	Lab Sample ID:	460-72174-16		
Client ID:	PMP-2SW-VD				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

77 Toluene, CAS: 108-88-3



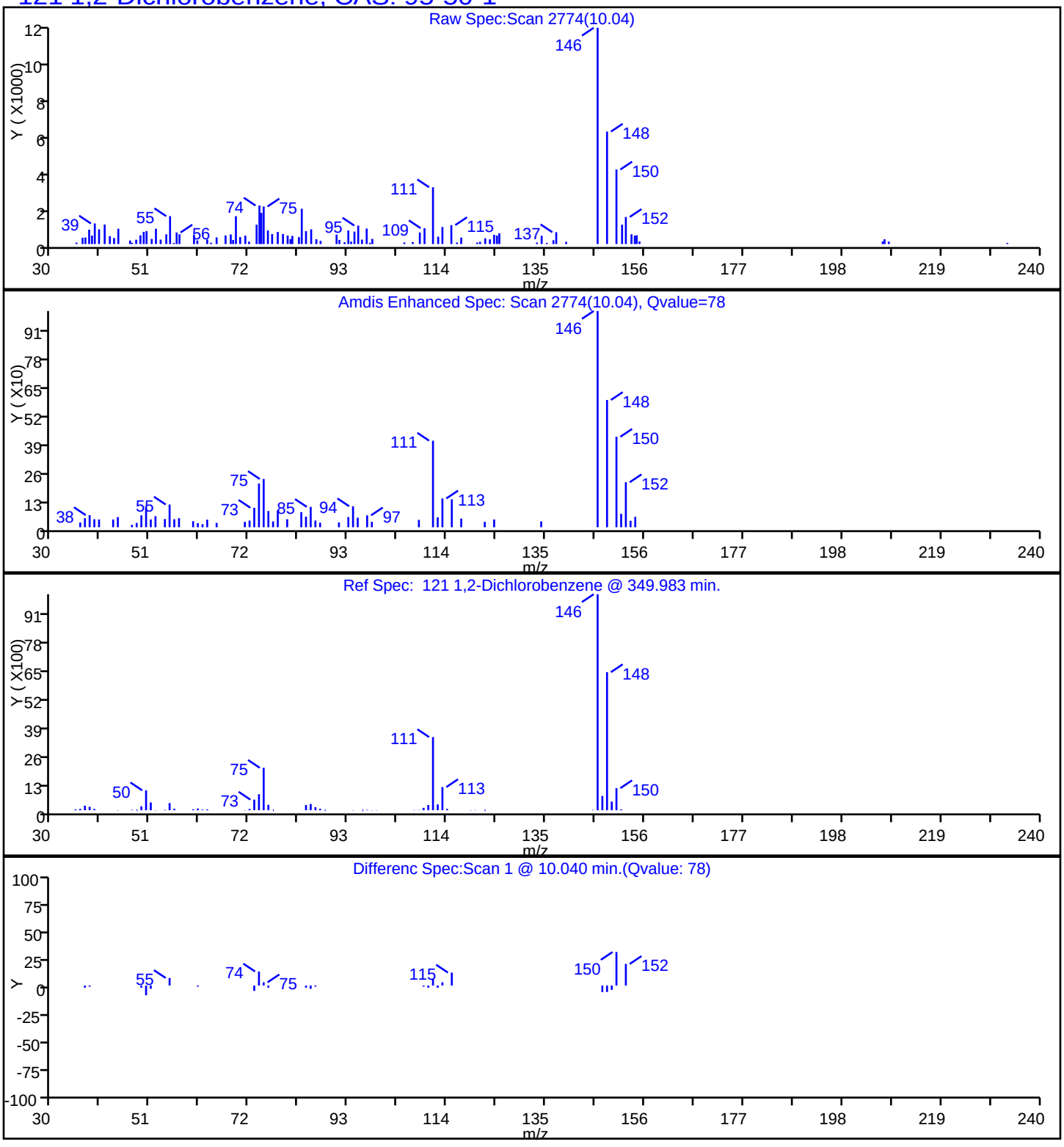
Report Date: 17-Mar-2014 09:09:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D

Injection Date:	16-Mar-2014 11:10:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-16-A	Lab Sample ID:	460-72174-16		
Client ID:	PMP-2SW-VD				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

121 1,2-Dichlorobenzene, CAS: 95-50-1



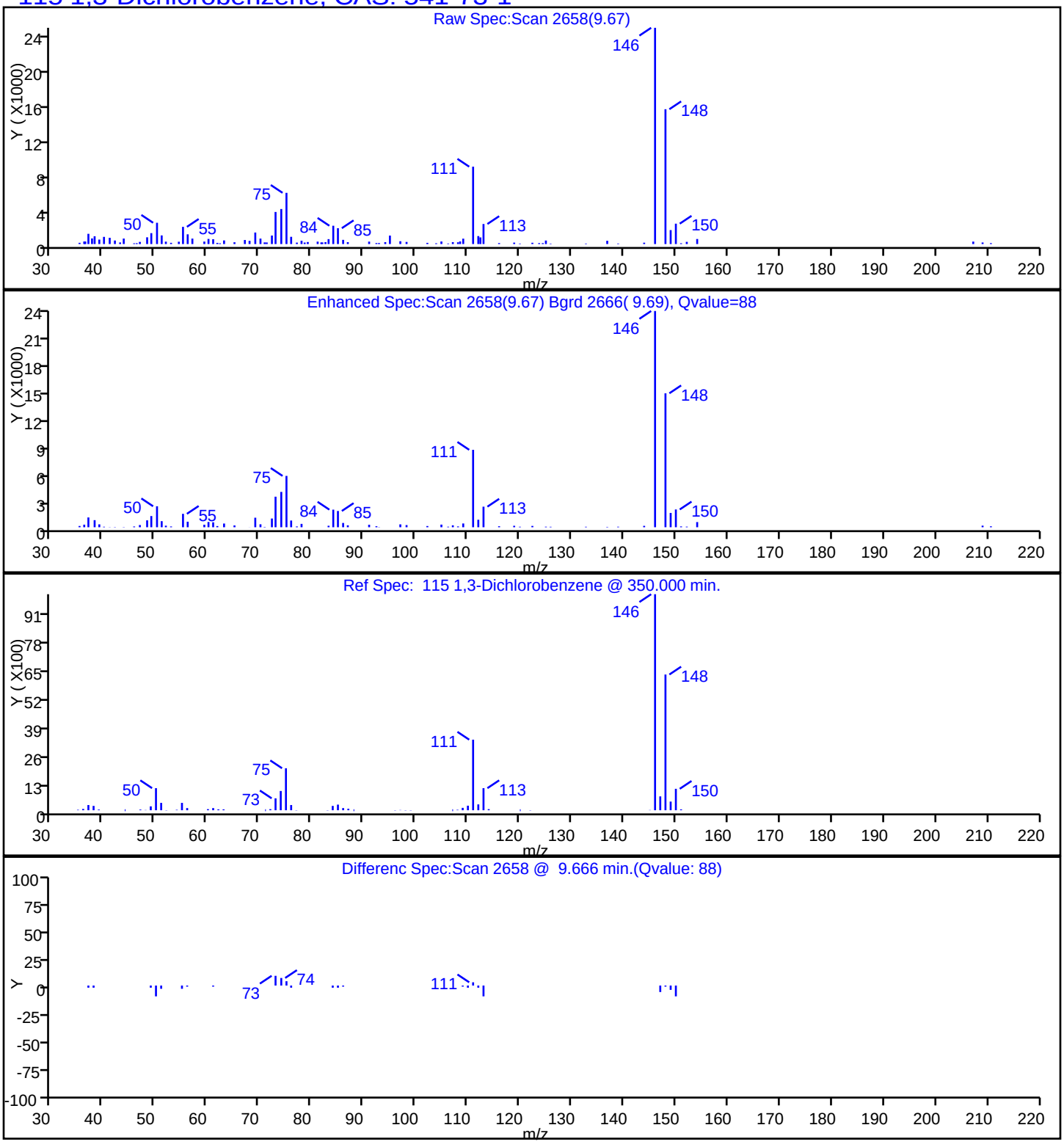
Report Date: 17-Mar-2014 09:09:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D

Injection Date:	16-Mar-2014 11:10:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-16-A	Lab Sample ID:	460-72174-16		
Client ID:	PMP-2SW-VD				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

115 1,3-Dichlorobenzene, CAS: 541-73-1



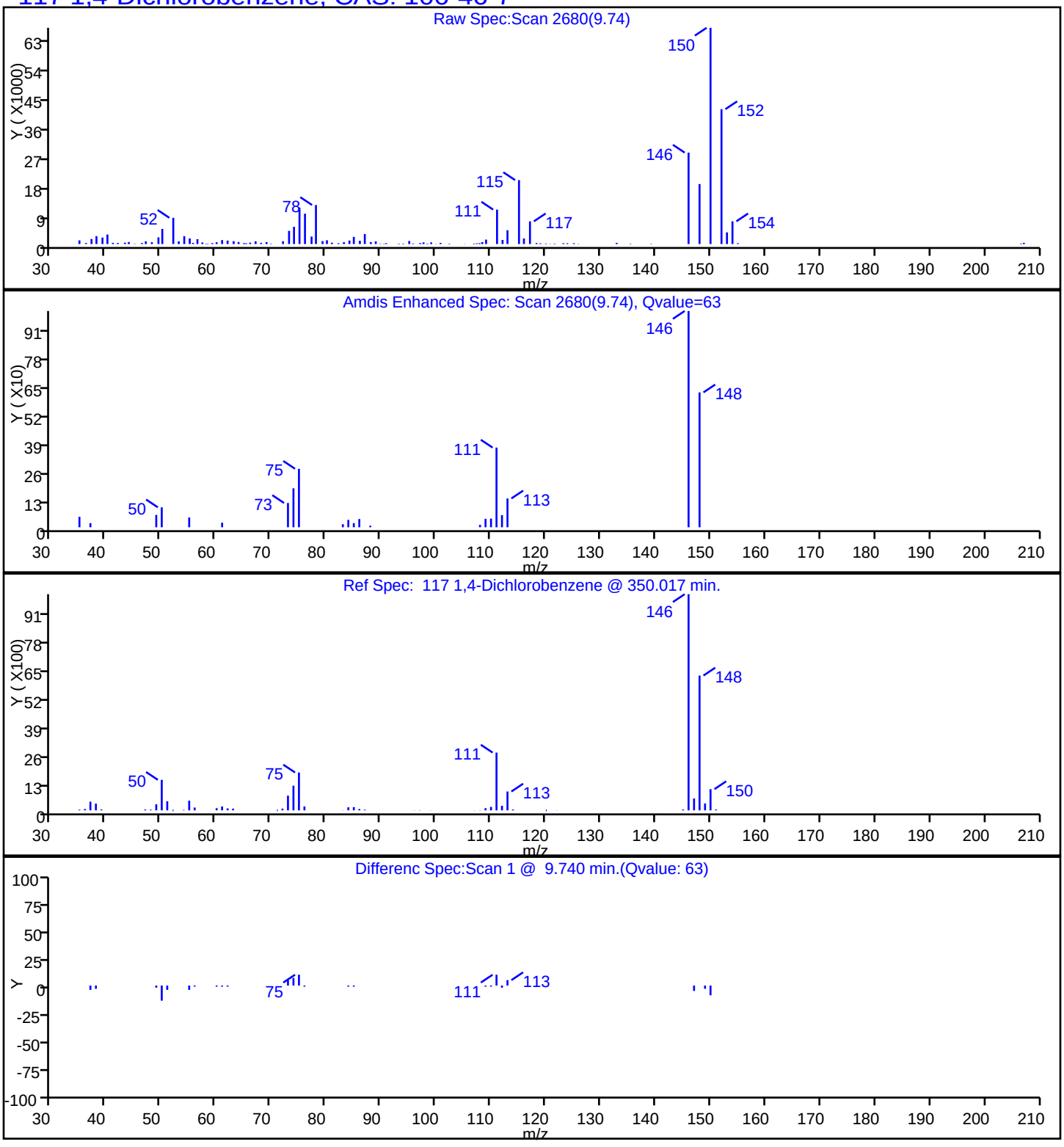
Report Date: 17-Mar-2014 09:09:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D

Injection Date:	16-Mar-2014 11:10:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-16-A	Lab Sample ID:	460-72174-16		
Client ID:	PMP-2SW-VD				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

117 1,4-Dichlorobenzene, CAS: 106-46-7



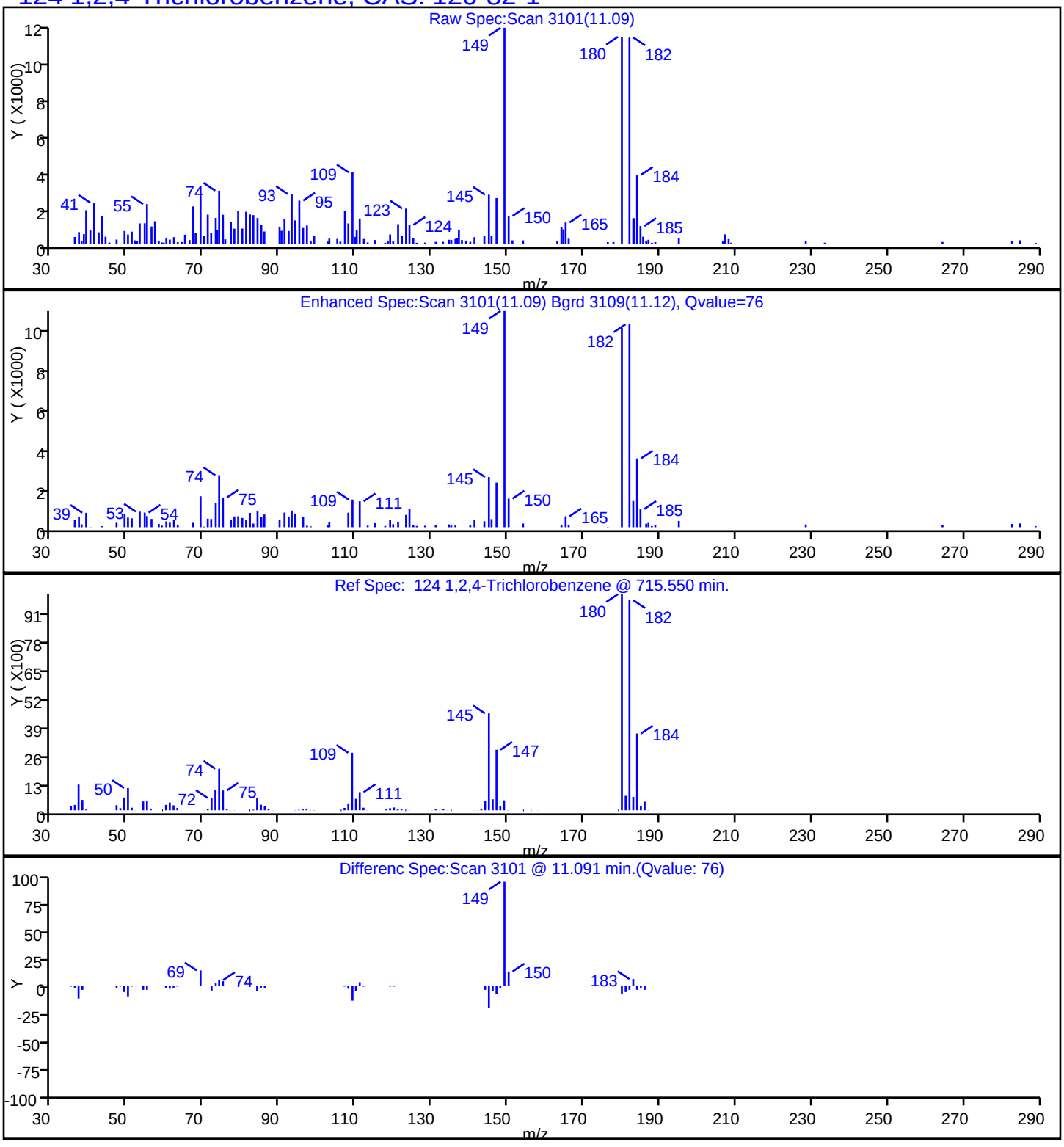
Report Date: 17-Mar-2014 09:09:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D

Injection Date:	16-Mar-2014 11:10:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-16-A	Lab Sample ID:	460-72174-16		
Client ID:	PMP-2SW-VD				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



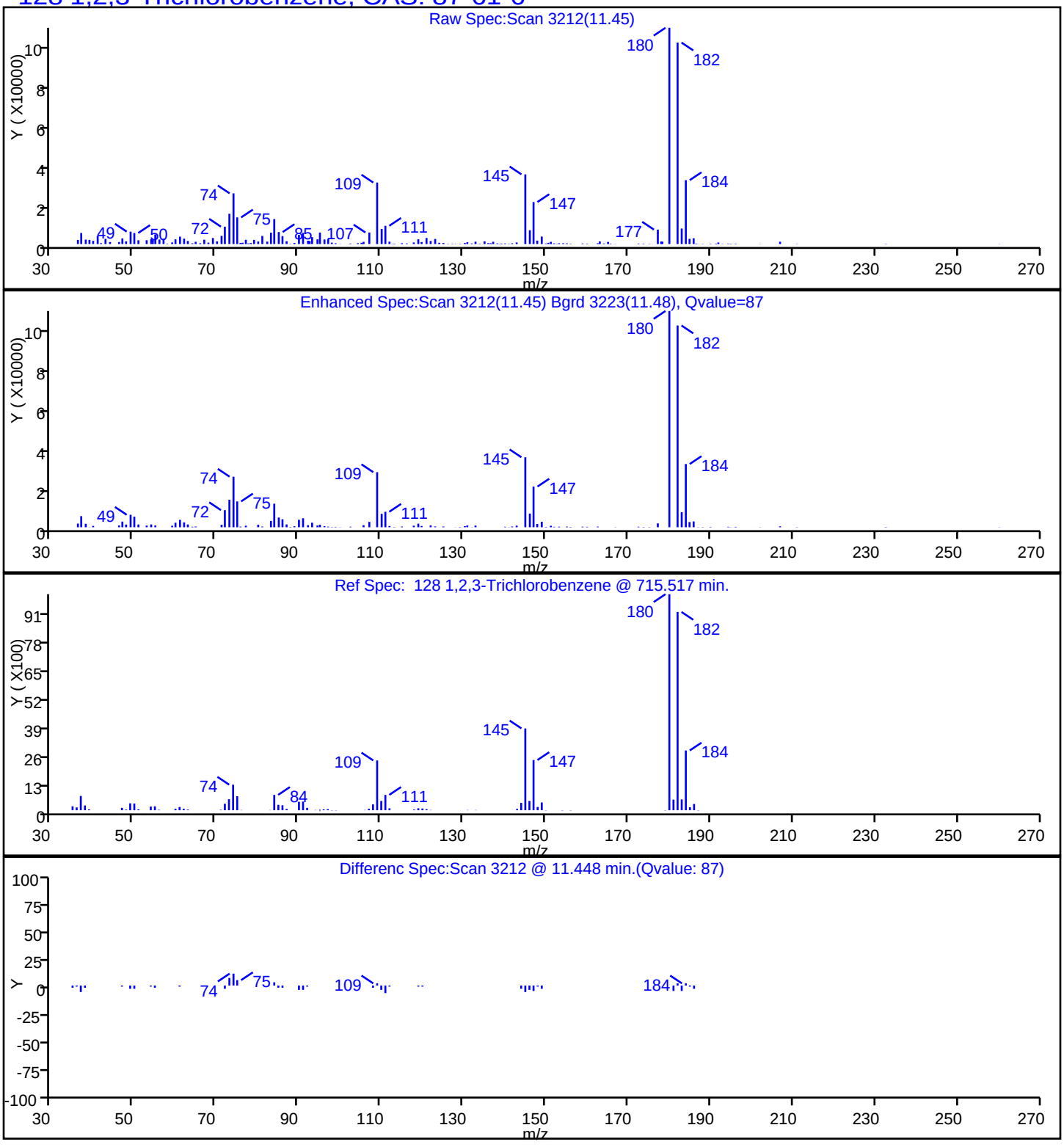
Report Date: 17-Mar-2014 09:09:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D

Injection Date:	16-Mar-2014 11:10:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-16-A	Lab Sample ID:	460-72174-16		
Client ID:	PMP-2SW-VD				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



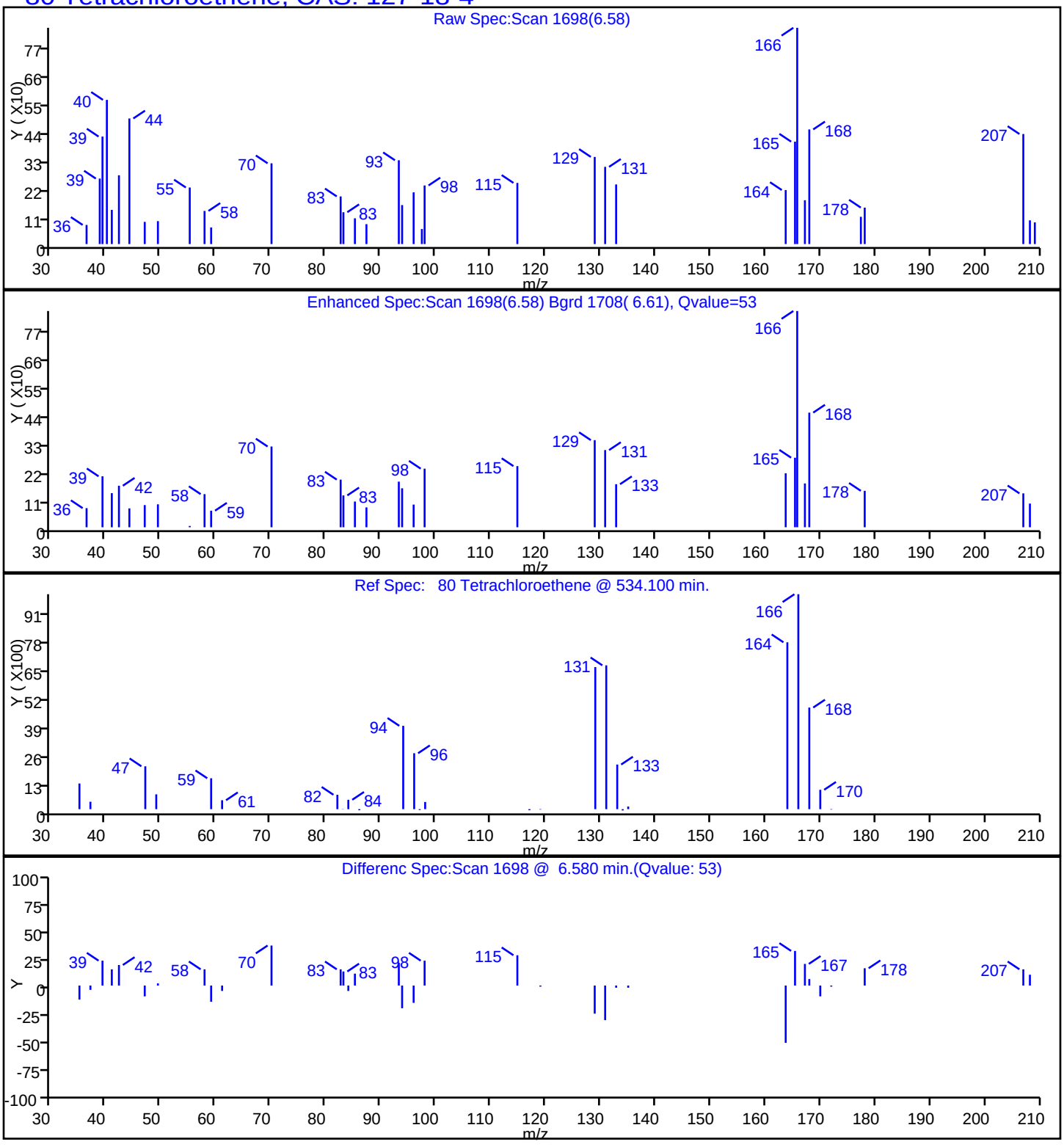
Report Date: 17-Mar-2014 09:09:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D

Injection Date:	16-Mar-2014 11:10:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-16-A	Lab Sample ID:	460-72174-16		
Client ID:	PMP-2SW-VD				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

80 Tetrachloroethene, CAS: 127-18-4

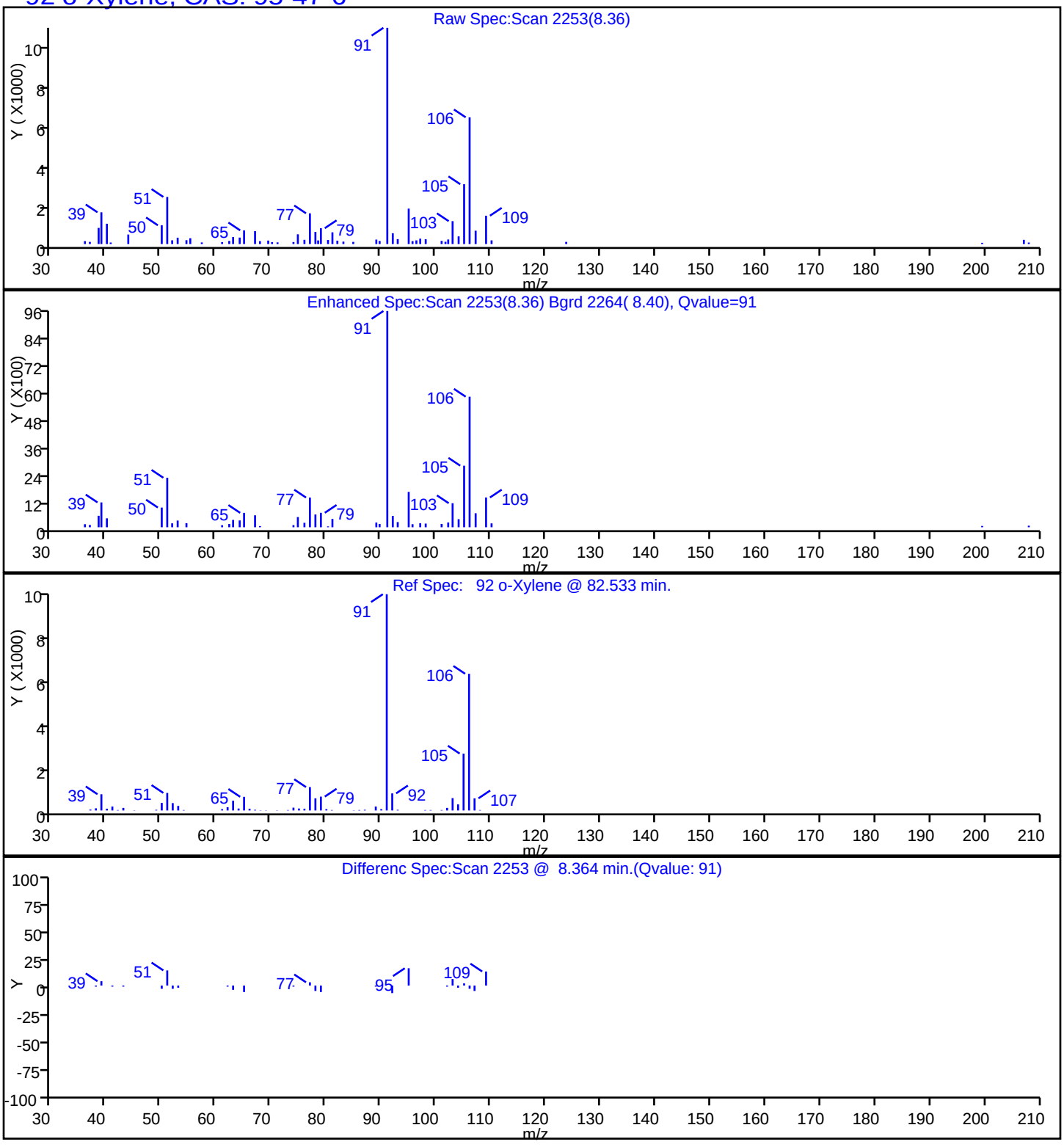


Report Date: 17-Mar-2014 09:09:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D				
Injection Date:	16-Mar-2014 11:10:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-16-A	Lab Sample ID:	460-72174-16		
Client ID:	PMP-2SW-VD				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

92 o-Xylene, CAS: 95-47-6



Manual Integration/User Assign Peak Report

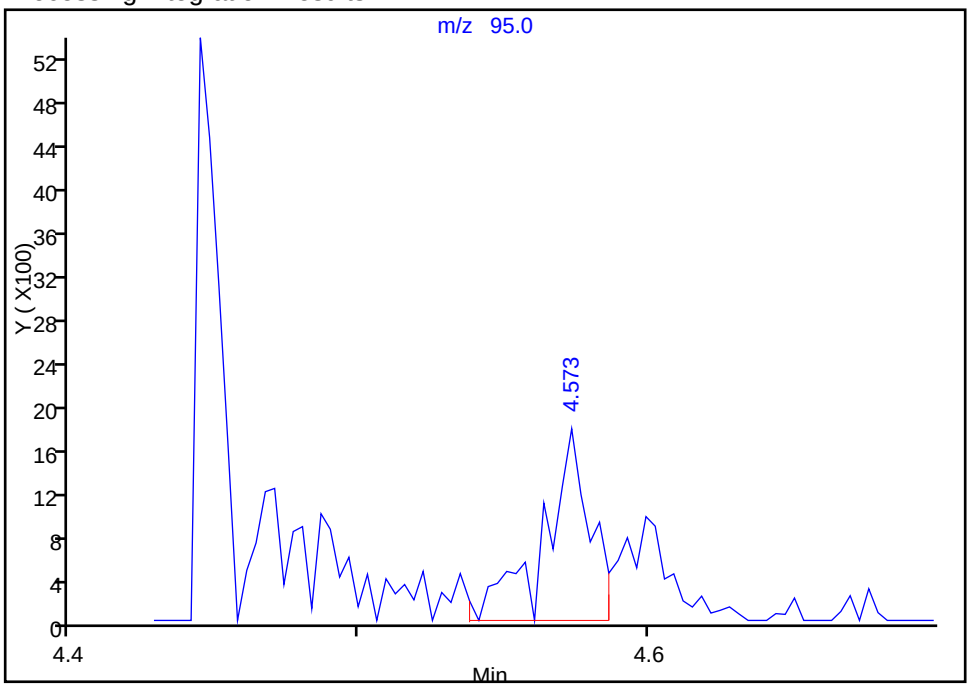
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D		
Injection Date:	16-Mar-2014 11:10:30	Instrument ID:	CVOAMS4
Lims ID:	460-72174-C-16-A	Lab Sample ID:	460-72174-16
Client ID:	PMP-2SW-VD		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

61 Trichloroethene, CAS: 79-01-6

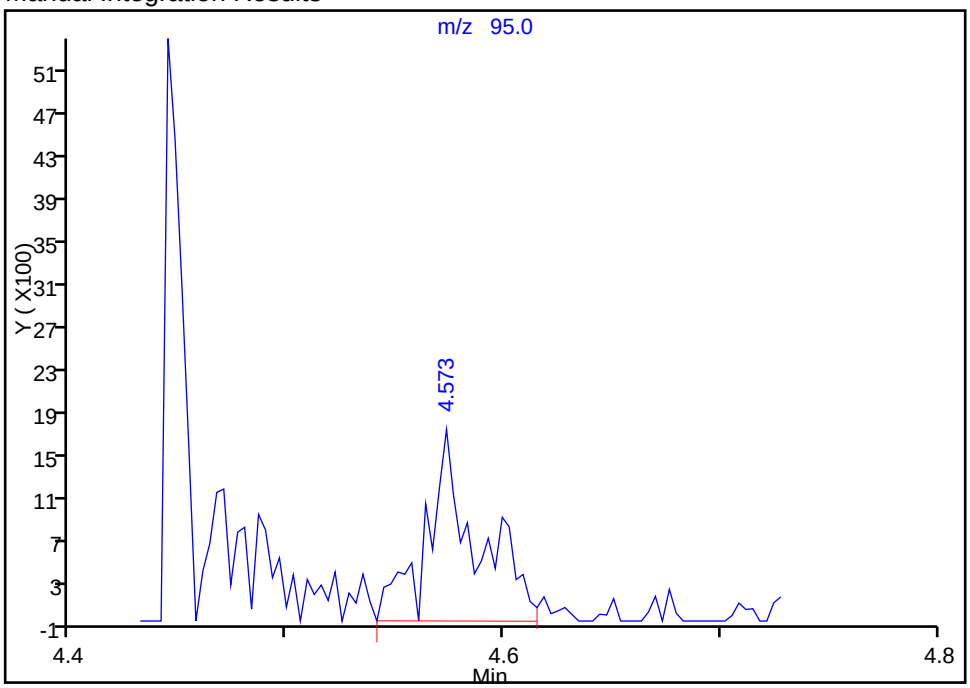
Processing Integration Results

RT: 4.57
Response: 1948
Amount: 0.452466



Manual Integration Results

RT: 4.57
Response: 2816
Amount: 0.654078



Reviewer: delpolitov, 17-Mar-2014 09:09:55
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

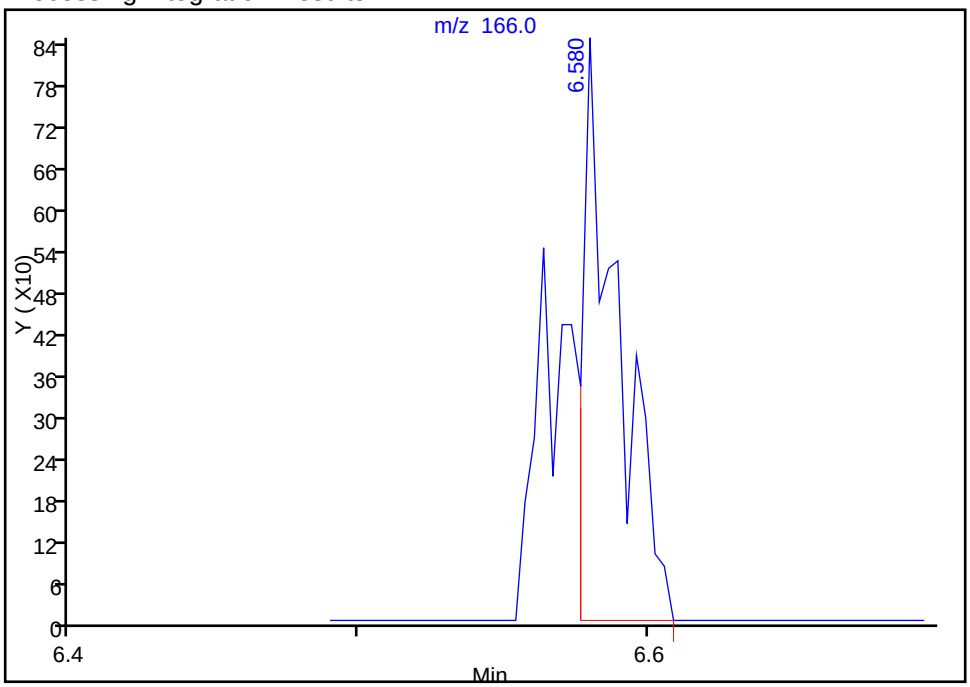
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D				
Injection Date:	16-Mar-2014 11:10:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-16-A	Lab Sample ID:	460-72174-16		
Client ID:	PMP-2SW-VD				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

80 Tetrachloroethene, CAS: 127-18-4

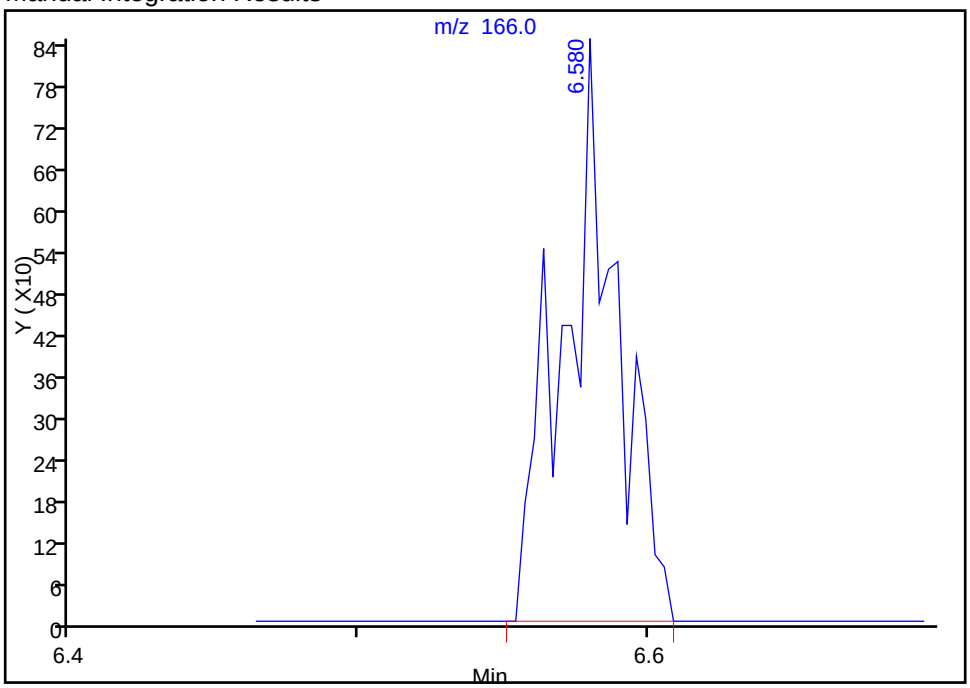
Processing Integration Results

RT: 6.58
Response: 712
Amount: 0.157669



Manual Integration Results

RT: 6.58
Response: 1108
Amount: 0.245361



Reviewer: delpolitov, 17-Mar-2014 09:09:55
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

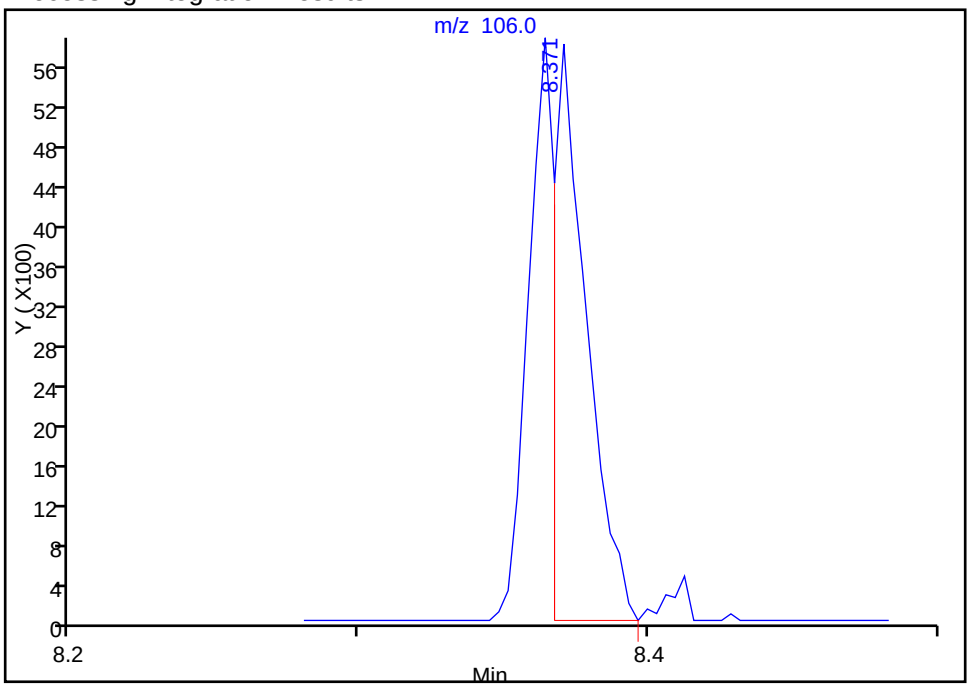
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D		
Injection Date:	16-Mar-2014 11:10:30	Instrument ID:	CVOAMS4
Lims ID:	460-72174-C-16-A	Lab Sample ID:	460-72174-16
Client ID:	PMP-2SW-VD		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

92 o-Xylene, CAS: 95-47-6

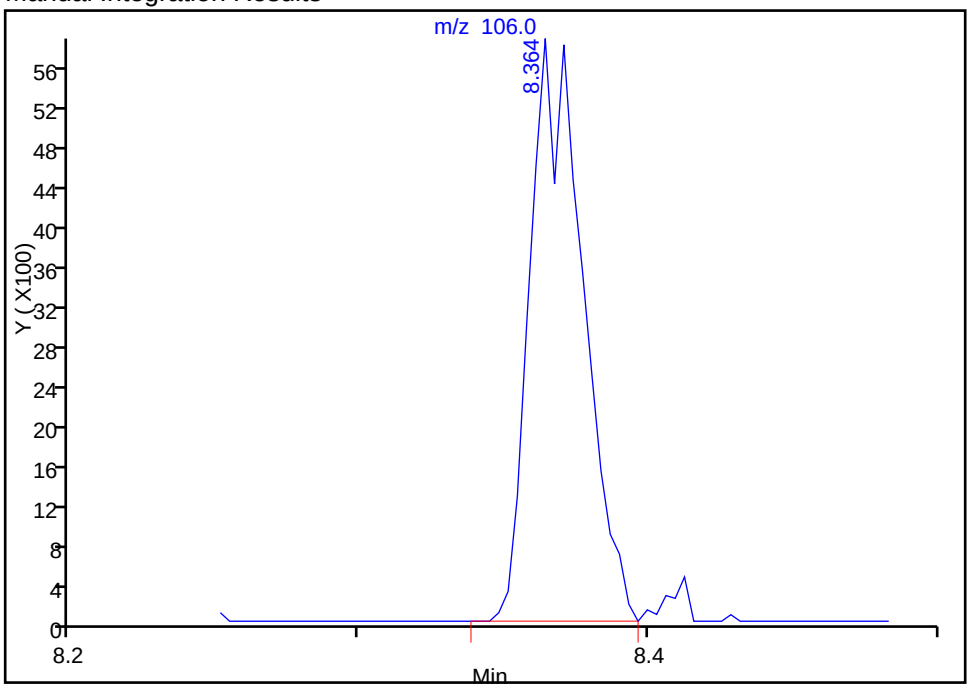
Processing Integration Results

RT: 8.37
Response: 4628
Amount: 0.587276



Manual Integration Results

RT: 8.36
Response: 7545
Amount: 0.957432



Reviewer: delpolitov, 17-Mar-2014 09:09:55
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

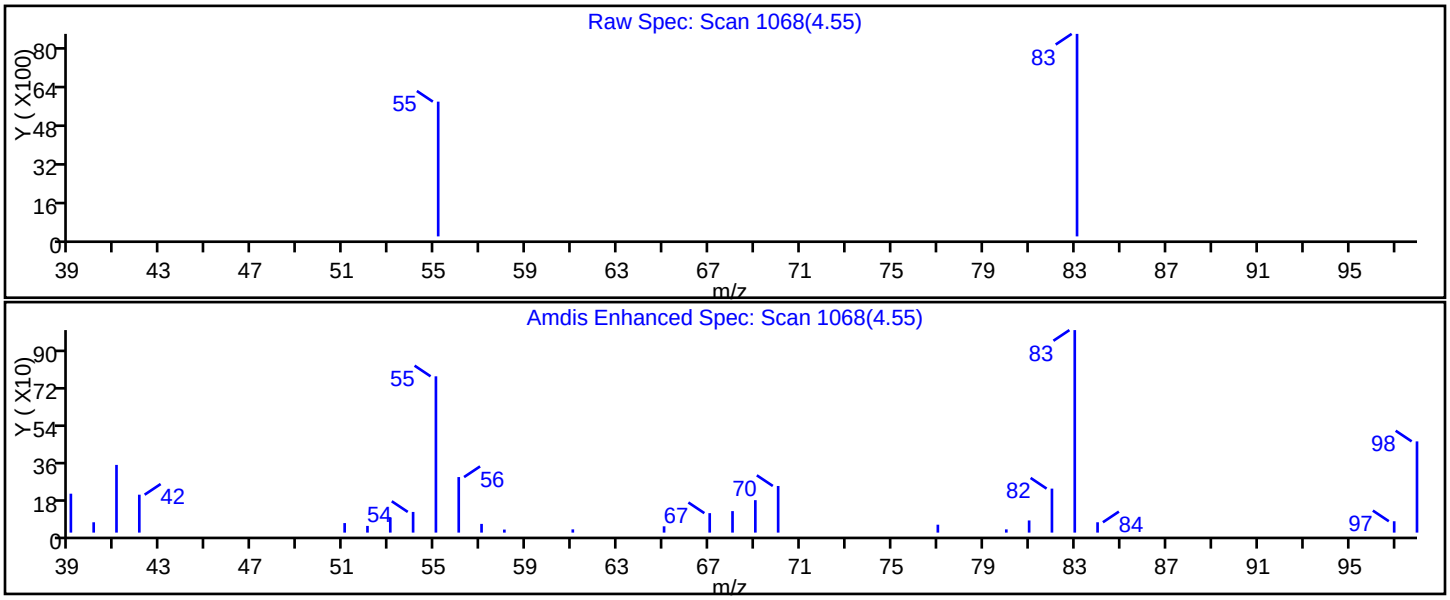
Report Date: 17-Mar-2014 09:09:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D

Injection Date:	16-Mar-2014 11:10:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-16-A	Lab Sample ID:	460-72174-16		
Client ID:	PMP-2SW-VD				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Solution:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 40



Report Date: 17-Mar-2014 09:09:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D

Injection Date: 16-Mar-2014 11:10:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-16-A Lab Sample ID: 460-72174-16

Client ID: PMP-2SW-VD

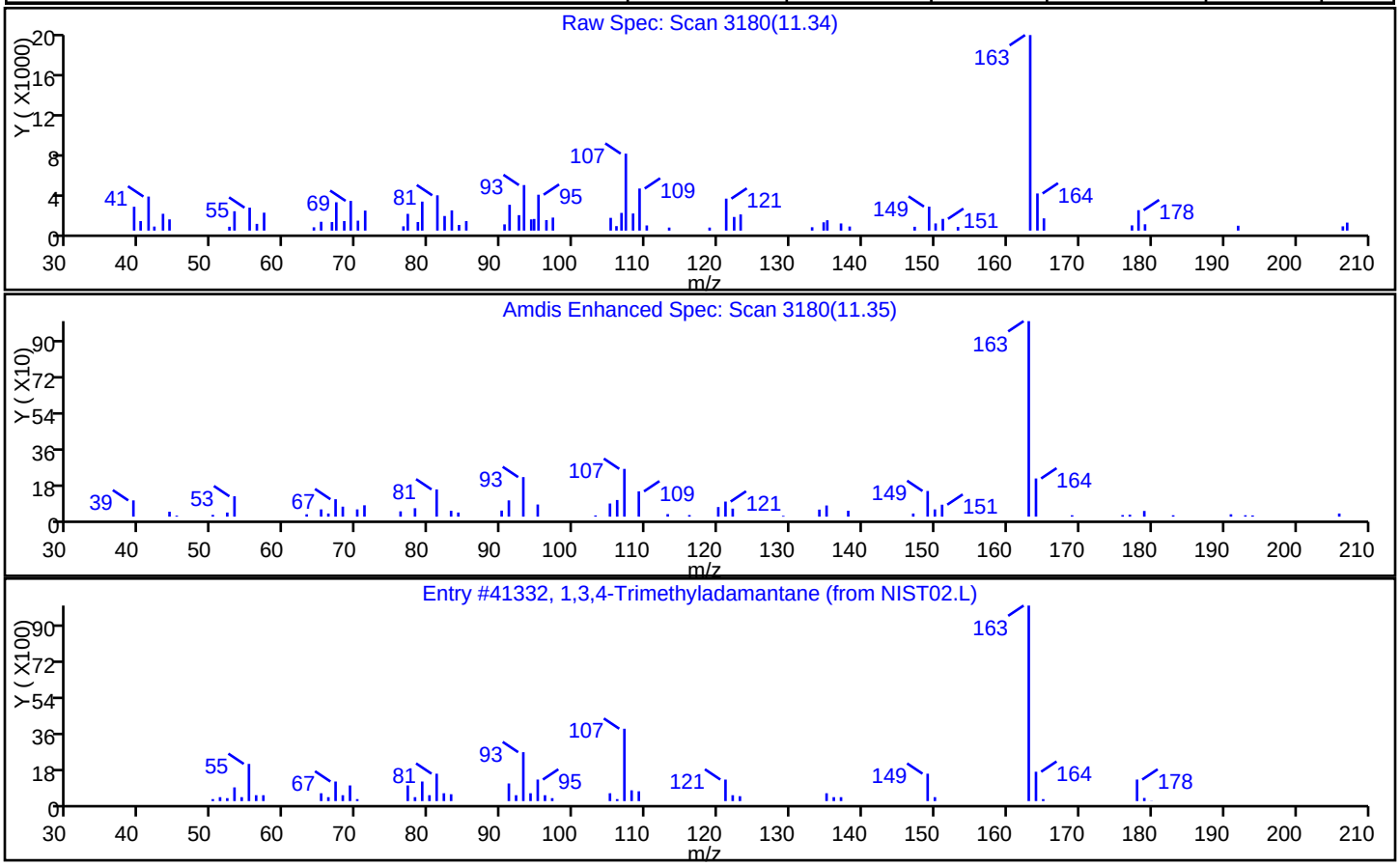
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,3,4-Trimethyladamantane	1000214-98·	NIST02.L	41332	C13H22	178	72



Report Date: 17-Mar-2014 09:09:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D

Injection Date: 16-Mar-2014 11:10:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-16-A Lab Sample ID: 460-72174-16

Client ID: PMP-2SW-VD

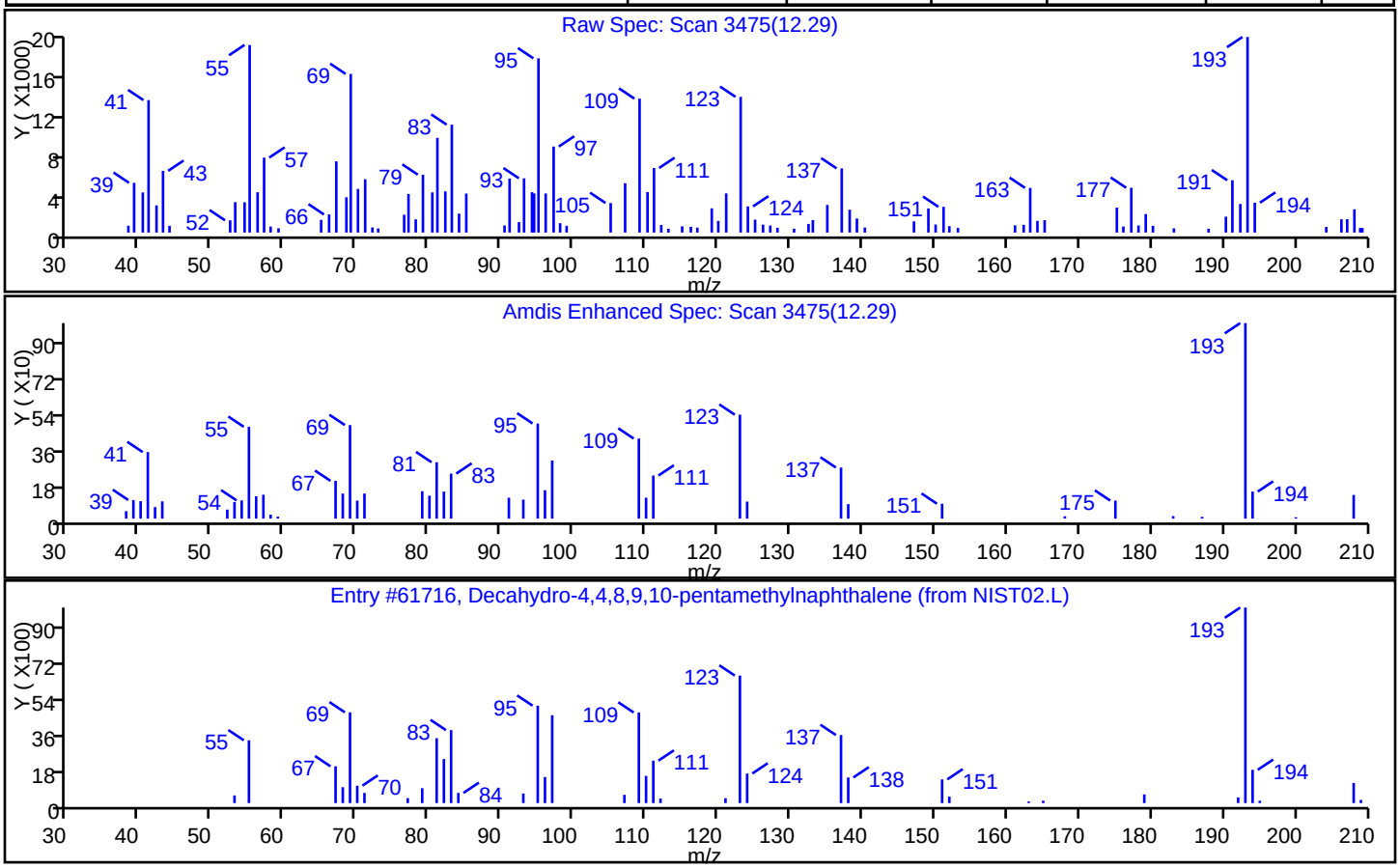
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	C15H28	208	96



Report Date: 17-Mar-2014 09:09:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D

Injection Date: 16-Mar-2014 11:10:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-16-A Lab Sample ID: 460-72174-16

Client ID: PMP-2SW-VD

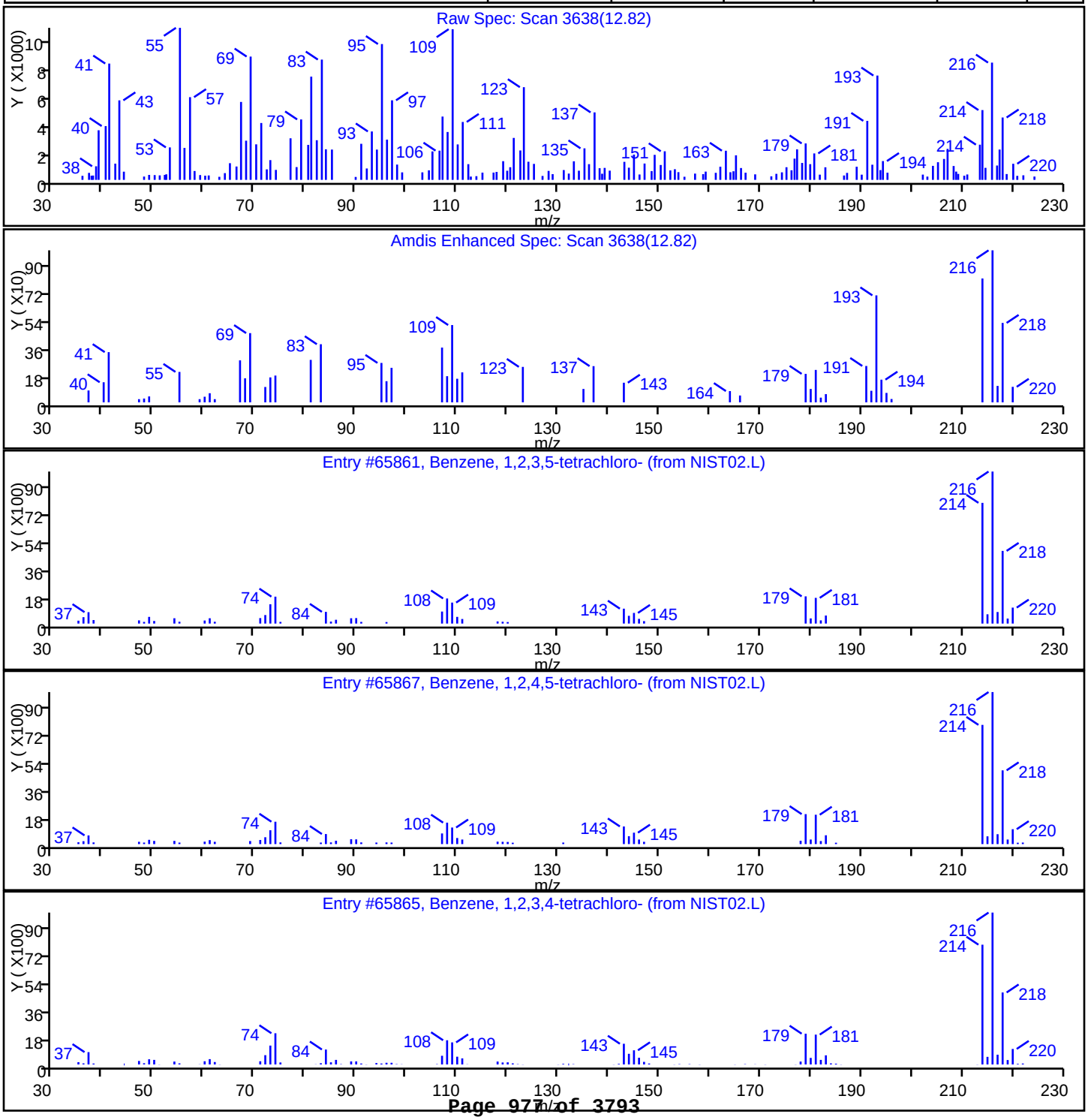
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3,5-tetrachloro-	634-90-2	NIST02.L	65861	C6H2Cl4	214	97
Benzene, 1,2,4,5-tetrachloro-	95-94-3	NIST02.L	65867	C6H2Cl4	214	96
Benzene, 1,2,3,4-tetrachloro-	634-66-2	NIST02.L	65865	C6H2Cl4	214	96



Report Date: 17-Mar-2014 09:09:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D

Injection Date: 16-Mar-2014 11:10:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-16-A Lab Sample ID: 460-72174-16

Client ID: PMP-2SW-VD

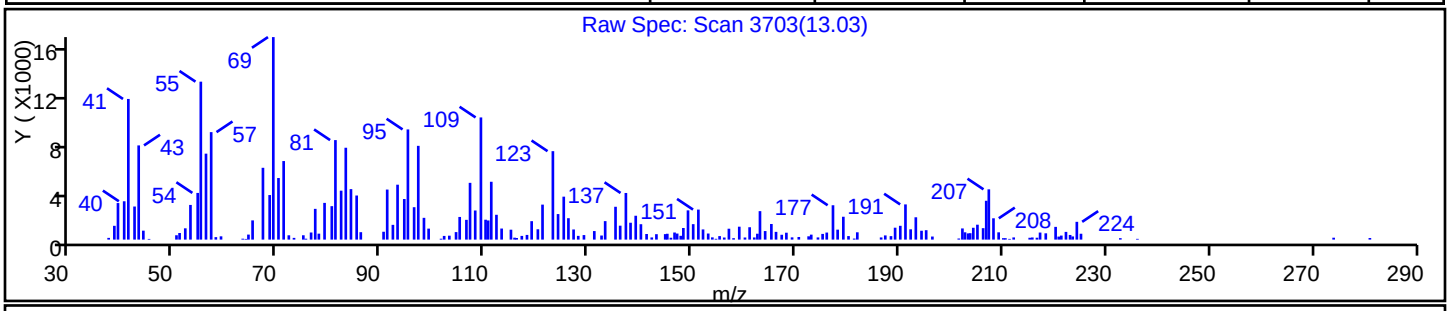
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

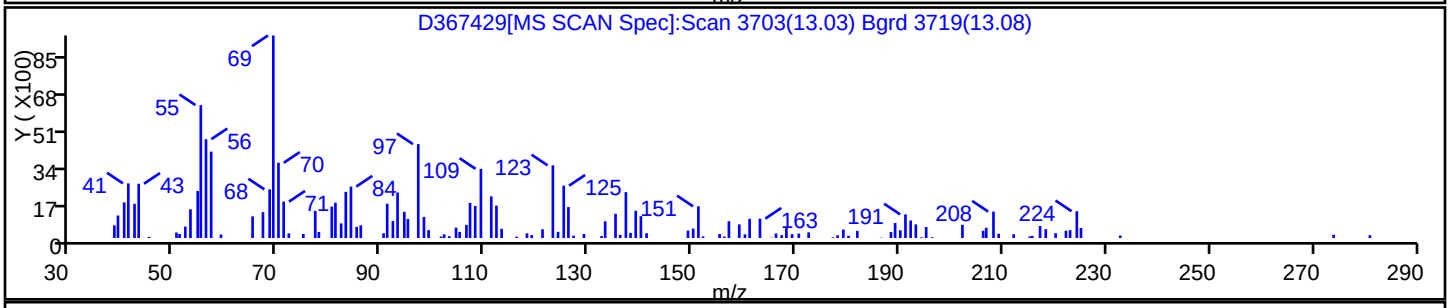
Purge Vol: 5.000 mL Dil. Factor: 1.0000

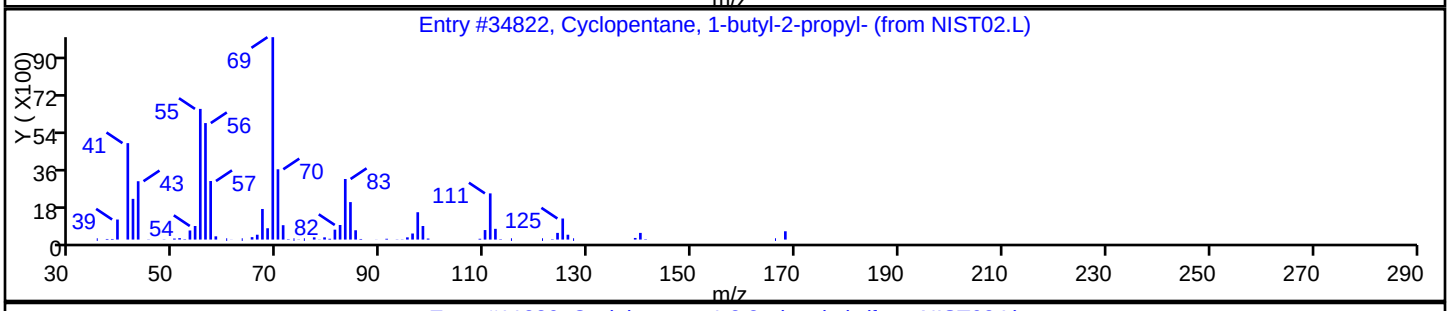
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

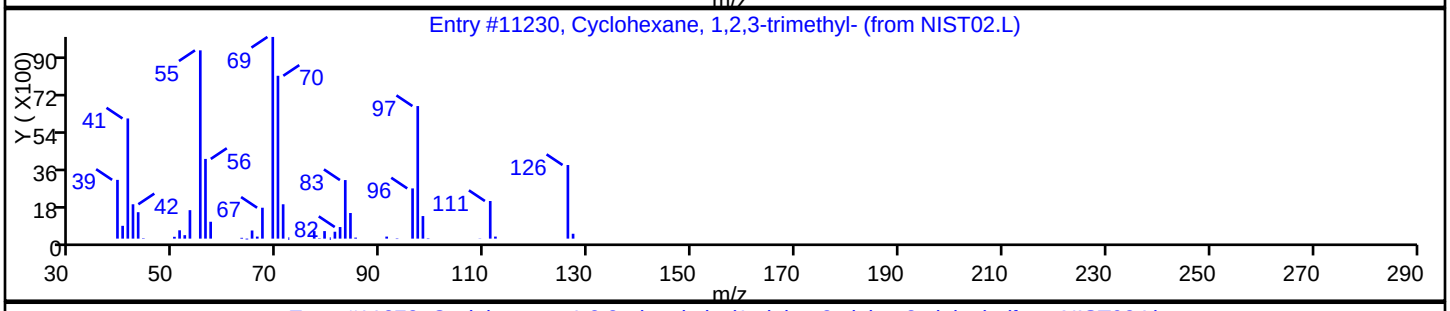
Column: Detector MS SCAN

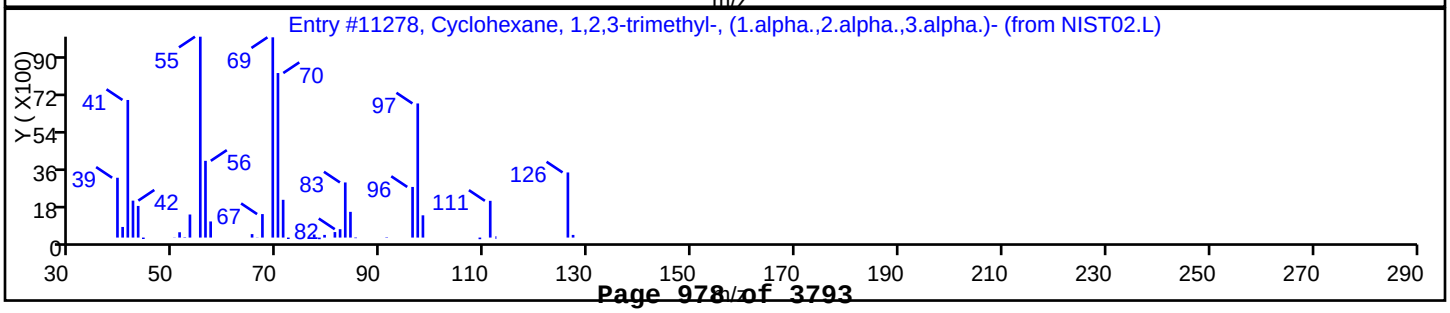
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclopentane, 1-butyl-2-propyl-	62199-50-2	NIST02.L	34822	C12H24	168	46
Cyclohexane, 1,2,3-trimethyl-	1678-97-3	NIST02.L	11230	C9H18	126	45
Cyclohexane, 1,2,3-trimethyl-, (1.alpha.	1839-88-9	NIST02.L	11278	C9H18	126	43







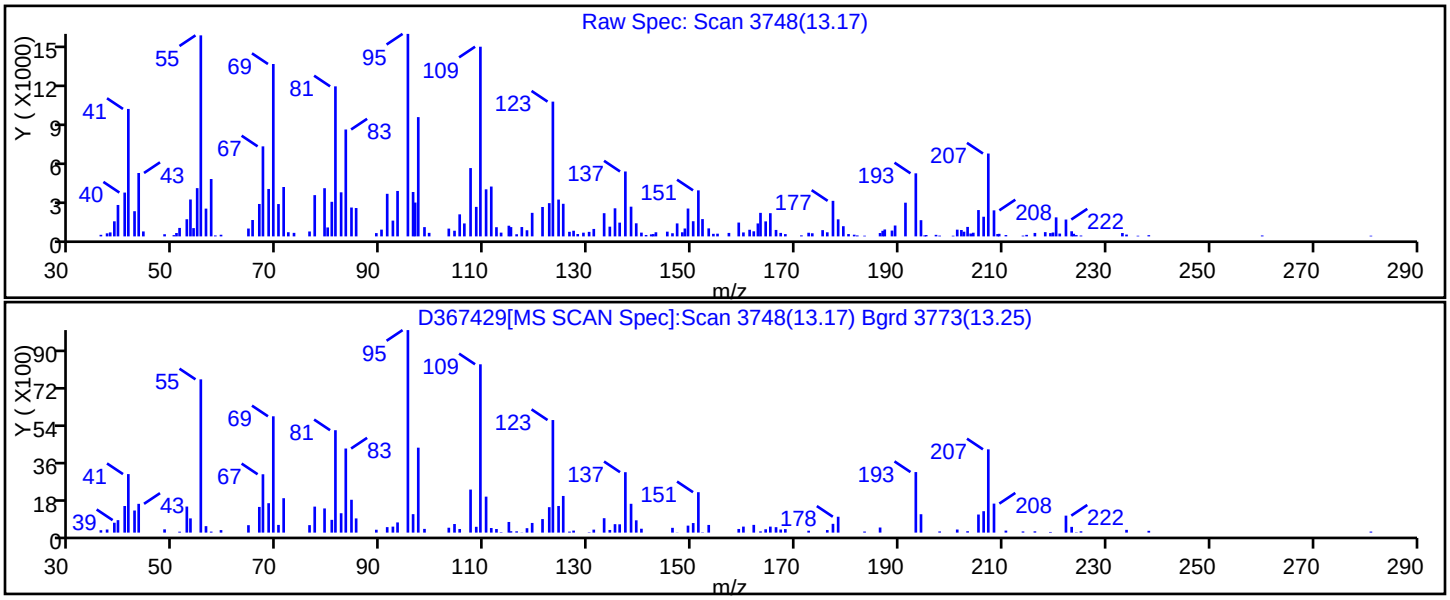




Report Date: 17-Mar-2014 09:09:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D				
Injection Date:	16-Mar-2014 11:10:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-16-A	Lab Sample ID:	460-72174-16		
Client ID:	PMP-2SW-VD				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Solution:	No Library Matches Found above the Threshold: 40	Detector	MS SCAN		



Report Date: 17-Mar-2014 09:09:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D

Injection Date: 16-Mar-2014 11:10:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-16-A Lab Sample ID: 460-72174-16

Client ID: PMP-2SW-VD

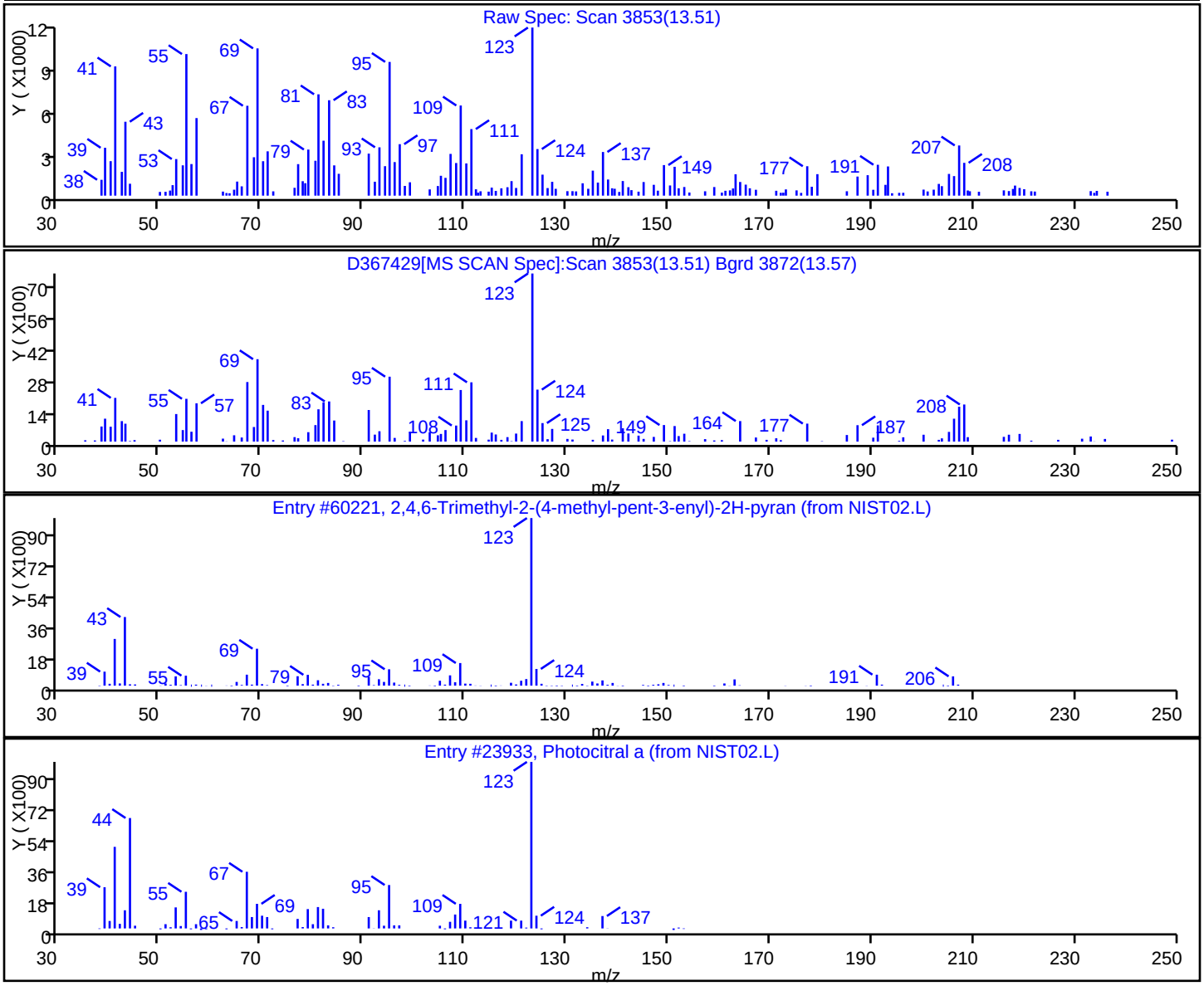
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
2,4,6-Trimethyl-2-(4-methyl-pent-3-enyl)	1000193-58·	NIST02.L	60221	C14H22O	206	50
Photocitral a	1000292-85·	NIST02.L	23933	C10H16O	152	43



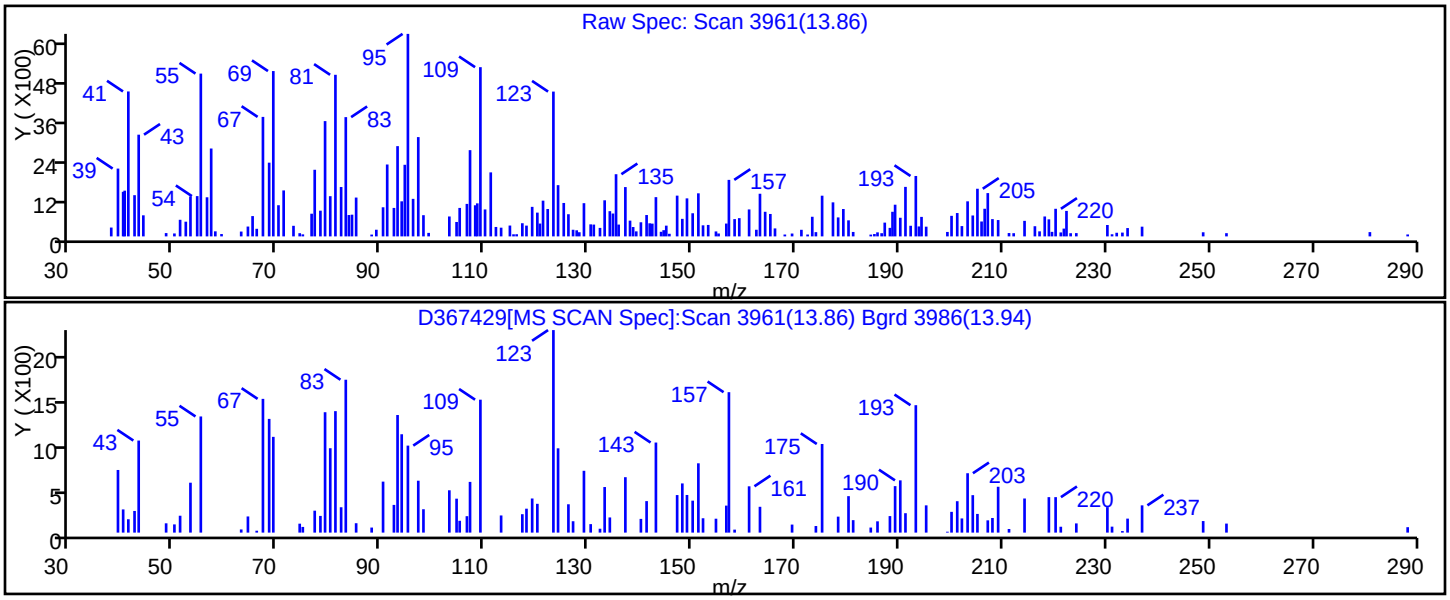
Report Date: 17-Mar-2014 09:09:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D

Injection Date:	16-Mar-2014 11:10:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-16-A	Lab Sample ID:	460-72174-16		
Client ID:	PMP-2SW-VD				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Solution:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 40



Report Date: 17-Mar-2014 09:09:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D

Injection Date: 16-Mar-2014 11:10:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-16-A Lab Sample ID: 460-72174-16

Client ID: PMP-2SW-VD

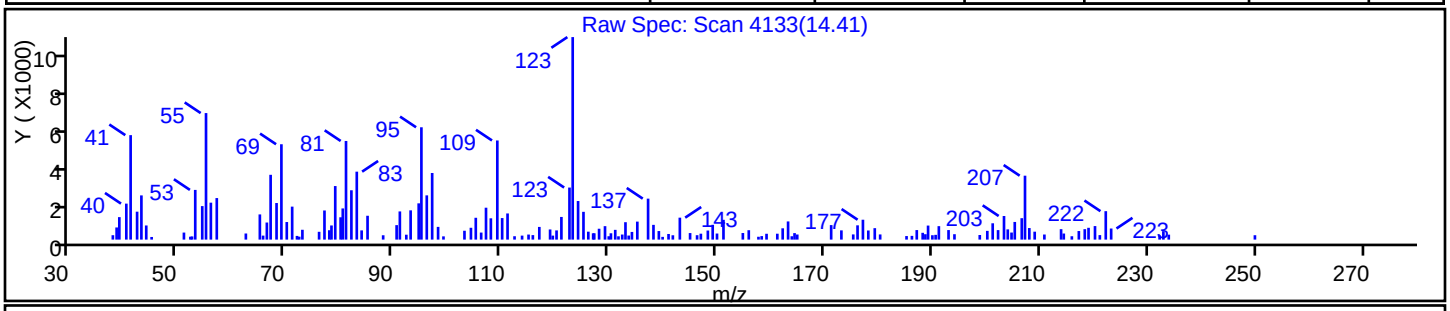
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

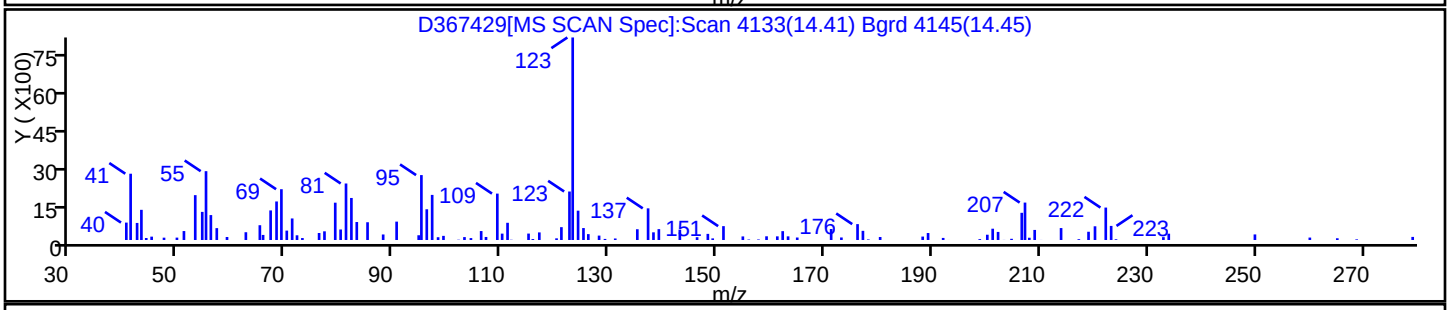
Purge Vol: 5.000 mL Dil. Factor: 1.0000

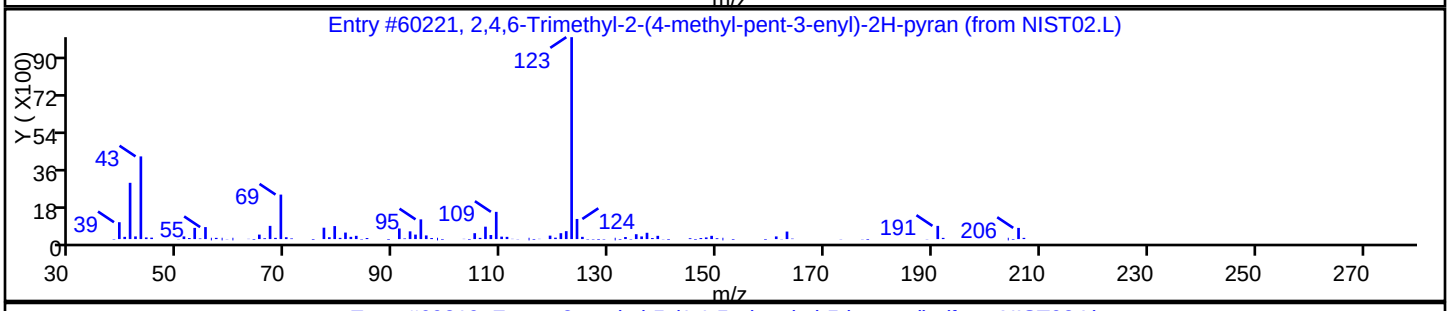
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

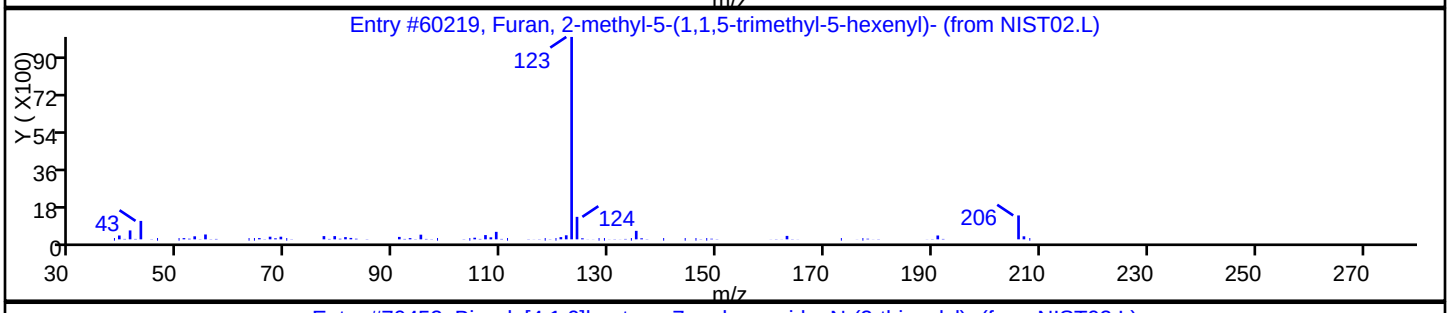
Column: Detector MS SCAN

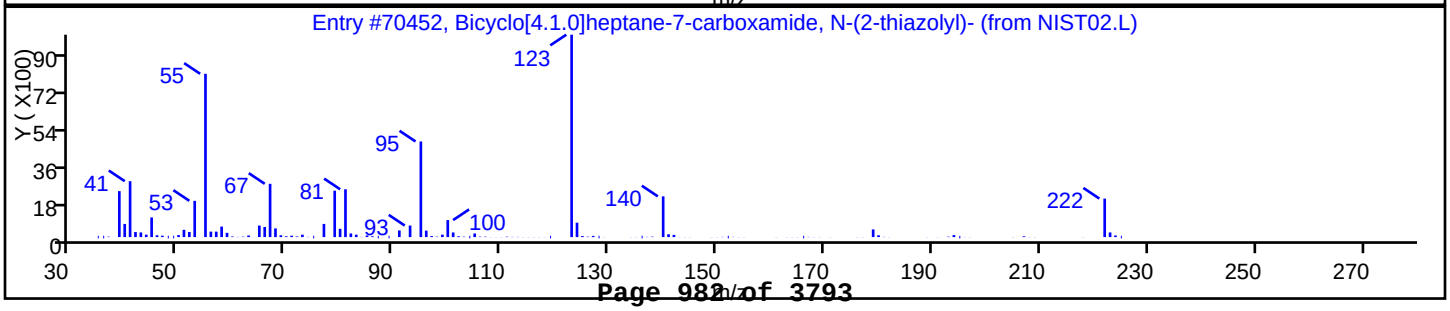
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
2,4,6-Trimethyl-2-(4-methyl-pent-3-enyl)	1000193-58·	NIST02.L	60221	C14H22O	206	52
Furan, 2-methyl-5-(1,1,5-trimethyl-5-hex	77143-15-8	NIST02.L	60219	C14H22O	206	43
Bicyclo[4.1.0]heptane-7-carboxamide, N-(	329912-72-3	NIST02.L	70452	C11H14N2C	222	43











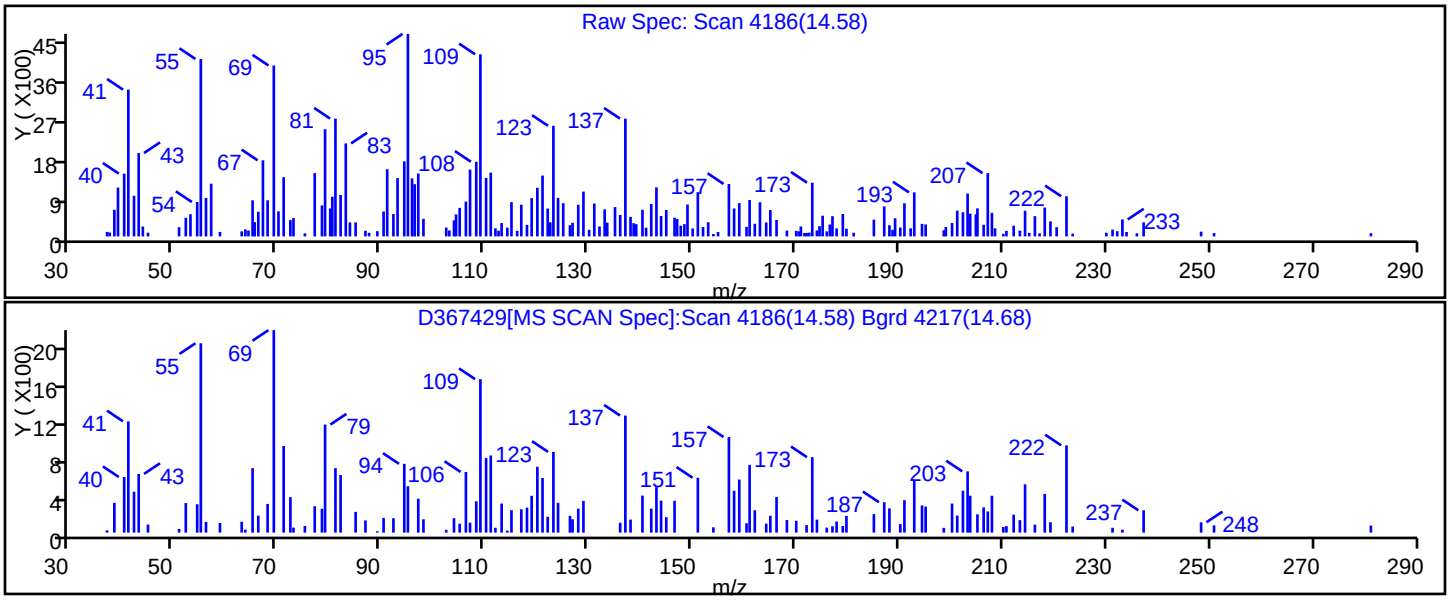
Report Date: 17-Mar-2014 09:09:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367429.D

Injection Date:	16-Mar-2014 11:10:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-16-A	Lab Sample ID:	460-72174-16		
Client ID:	PMP-2SW-VD				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Solution:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 40



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-WT | Lab Sample ID: 460-72174-17

Matrix: Solid | Lab File ID: J09952.D

Analysis Method: 8260B | Date Collected: 03/06/2014 11:50

Sample wt/vol: 6.872(g) | Date Analyzed: 03/13/2014 16:39

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.4 | Level: (low/med) Medium

Analysis Batch No.: 212315 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	7.9	U	82	7.9
74-83-9	Bromomethane	15	U	82	15
75-01-4	Vinyl chloride	12	U	82	12
75-00-3	Chloroethane	14	U	82	14
75-09-2	Methylene Chloride	15	U	82	15
67-64-1	Acetone	220	U	410	220
75-15-0	Carbon disulfide	10	U	82	10
75-69-4	Trichlorofluoromethane	12	U	82	12
75-35-4	1,1-Dichloroethene	7.3	U	82	7.3
75-34-3	1,1-Dichloroethane	11	U	82	11
156-60-5	trans-1,2-Dichloroethene	11	U	82	11
156-59-2	cis-1,2-Dichloroethene	15	U	82	15
67-66-3	Chloroform	6.5	U	82	6.5
78-93-3	2-Butanone	190	U	410	190
107-06-2	1,2-Dichloroethane	16	U	82	16
71-55-6	1,1,1-Trichloroethane	5.1	U	82	5.1
56-23-5	Carbon tetrachloride	4.7	U	82	4.7
71-43-2	Benzene	6.8	U	82	6.8
75-25-2	Bromoform	16	U	82	16
100-42-5	Styrene	9.7	U	82	9.7
100-41-4	Ethylbenzene	7.9	U	82	7.9
108-90-7	Chlorobenzene	9.0	U	82	9.0
110-82-7	Cyclohexane	13	U	82	13
98-82-8	Isopropylbenzene	6.3	U	82	6.3
591-78-6	2-Hexanone	41	U *	410	41
1634-04-4	MTBE	11	U	82	11
76-13-1	Freon TF	6.7	U	82	6.7
79-20-9	Methyl acetate	28	U	410	28
123-91-1	1,4-Dioxane	3000	U	4100	3000
79-01-6	Trichloroethene	7.6	U	82	7.6
108-88-3	Toluene	12	U	82	12
10061-02-6	trans-1,3-Dichloropropene	20	U	82	20
108-10-1	4-Methyl-2-pentanone	81	U	410	81
10061-01-5	cis-1,3-Dichloropropene	15	U	82	15
95-50-1	1,2-Dichlorobenzene	340		82	17
541-73-1	1,3-Dichlorobenzene	410		82	11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-WT | Lab Sample ID: 460-72174-17

Matrix: Solid | Lab File ID: J09952.D

Analysis Method: 8260B | Date Collected: 03/06/2014 11:50

Sample wt/vol: 6.872(g) | Date Analyzed: 03/13/2014 16:39

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.4 | Level: (low/med) Medium

Analysis Batch No.: 212315 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1500		82	19
120-82-1	1,2,4-Trichlorobenzene	1100		82	28
87-61-6	1,2,3-Trichlorobenzene	1300		82	42
78-87-5	1,2-Dichloropropane	7.1	U	82	7.1
108-87-2	Methylcyclohexane	11	U	82	11
127-18-4	Tetrachloroethene	8.0	U	82	8.0
1330-20-7	Xylenes, Total	29	U	160	29
96-12-8	1,2-Dibromo-3-Chloropropane	33	U	82	33
79-34-5	1,1,2,2-Tetrachloroethane	13	U	82	13
79-00-5	1,1,2-Trichloroethane	15	U	82	15
124-48-1	Dibromochloromethane	16	U	82	16
106-93-4	1,2-Dibromoethane	23	U	82	23
75-71-8	Dichlorodifluoromethane	18	U	82	18
74-97-5	Bromochloromethane	22	U	82	22
75-27-4	Bromodichloromethane	10	U	82	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		75-135
2037-26-5	Toluene-d8 (Surr)	84		59-150
460-00-4	Bromofluorobenzene	83		72-133
1868-53-7	Dibromofluoromethane (Surr)	81		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-WT | Lab Sample ID: 460-72174-17

Matrix: Solid | Lab File ID: J09952.D

Analysis Method: 8260B | Date Collected: 03/06/2014 11:50

Sample wt/vol: 6.872(g) | Date Analyzed: 03/13/2014 16:39

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.4 | Level: (low/med) Medium

Analysis Batch No.: 212315 | Units: ug/Kg

Number TICs Found: 5 | TIC Result Total: 2340

CAS NO.	COMPOUND NAME	RT	RESULT	Q
62016-37-9	Octane, 2,4,6-trimethyl-	9.98	470	J N
493-02-7	Naphthalene, decahydro-, trans-	11.14	440	J N
1000152-47-3	trans-Decalin, 2-methyl-	11.54	450	J N
2958-75-0	1-Methyldecahydronaphthalene	11.67	550	J N
10487-96-4	1-Phenylcyclopentanol-1	12.00	430	J N

Report Date: 14-Mar-2014 15:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09952.D
Lims ID: 460-72174-A-17-A Lab Sample ID: 460-72174-17
Client ID: PMP-2SW-WT
Sample Type: Client
Inject. Date: 13-Mar-2014 16:39:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-72174-A-17-A
Misc. Info.: 460-0010809-018
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 15:32:34 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: boykink Date: 14-Mar-2014 04:38:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	3.189	3.180	0.009	79	396959	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	4.728	4.731	-0.003	94	176804	40.6	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.081	5.084	-0.003	90	255993	43.0	
* 59 Fluorobenzene	96	5.351	5.354	-0.003	97	791771	50.0	
* 150 1,4-Dioxane-d8	96	6.068	6.053	0.015	82	48548	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.025	7.029	-0.004	99	698348	42.0	
* 87 Chlorobenzene-d5	117	8.817	8.821	-0.004	86	677304	50.0	
$ 99 4-Bromofluorobenzene	174	10.086	10.084	0.002	91	240108	41.4	
115 1,3-Dichlorobenzene	146	10.909	10.906	0.003	90	42654	5.04	
* 116 1,4-Dichlorobenzene-d4	152	10.956	10.959	-0.003	97	402500	50.0	
117 1,4-Dichlorobenzene	146	10.974	10.977	-0.003	87	159028	18.0	
121 1,2-Dichlorobenzene	146	11.220	11.224	-0.004	86	35477	4.11	
124 1,2,4-Trichlorobenzene	180	12.196	12.193	0.003	86	75096	13.7	
128 1,2,3-Trichlorobenzene	180	12.525	12.528	-0.003	90	80347	16.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09952.D
Lims ID: 460-72174-A-17-A Lab Sample ID: 460-72174-17
Client ID: PMP-2SW-WT
Sample Type: Client
Inject. Date: 13-Mar-2014 16:39:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-72174-A-17-A
Misc. Info.: 460-0010809-018
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 15:32:34 Calib Date: 09-Mar-2014 13:34:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 20

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: boykink Date: 14-Mar-2014 04:38:53

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
62016-37-9 Octane, 2,4,6-trimethyl-								
9.981	408280	5.78	116	50	27141	C11H24	156	
493-02-7 Naphthalene, decahydro-, trans-								
11.144	380941	5.39	116	98	16320	C10H18	138	
1000152-47-3 trans-Decalin, 2-methyl-								
11.538	391176	5.54	116	91	24310	C11H20	152	
2958-75-0 1-Methyldecahydronaphthalene								
11.667	475520	6.73	116	96	24317	C11H20	152	
10487-96-4 1-Phenylcyclopentanol-1								
12.002	369538	5.23	116	49	30530	C11H14O	162	

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.962	3533349	50.0

QC Flag Legend

Processing Flags

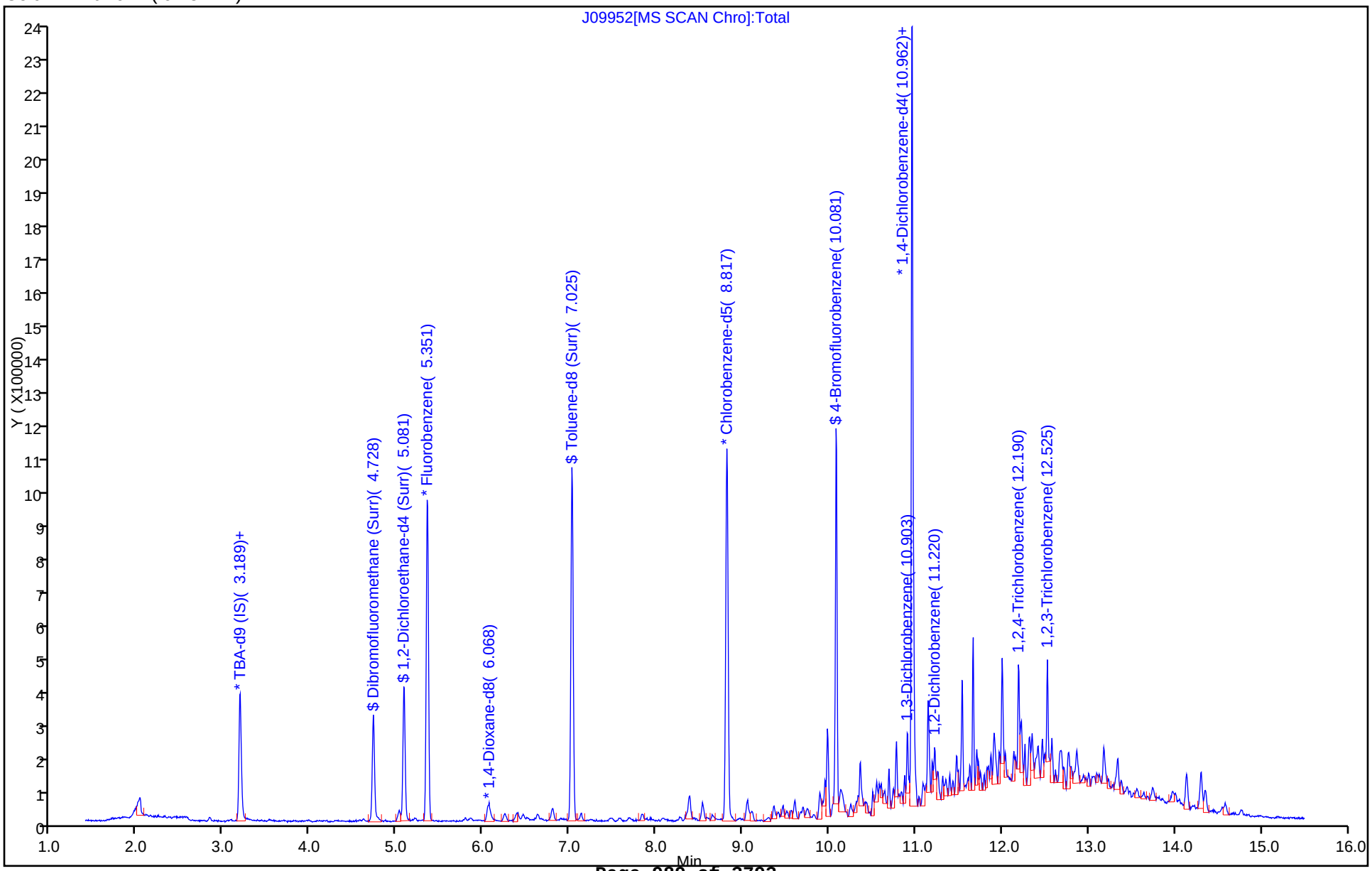
Report Date: 14-Mar-2014 15:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09952.D

Injection Date:	13-Mar-2014 16:39:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-72174-A-17-A	Lab Sample ID:	460-72174-17	Worklist Smp#:	18
Client ID:	PMP-2SW-WT				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	17
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



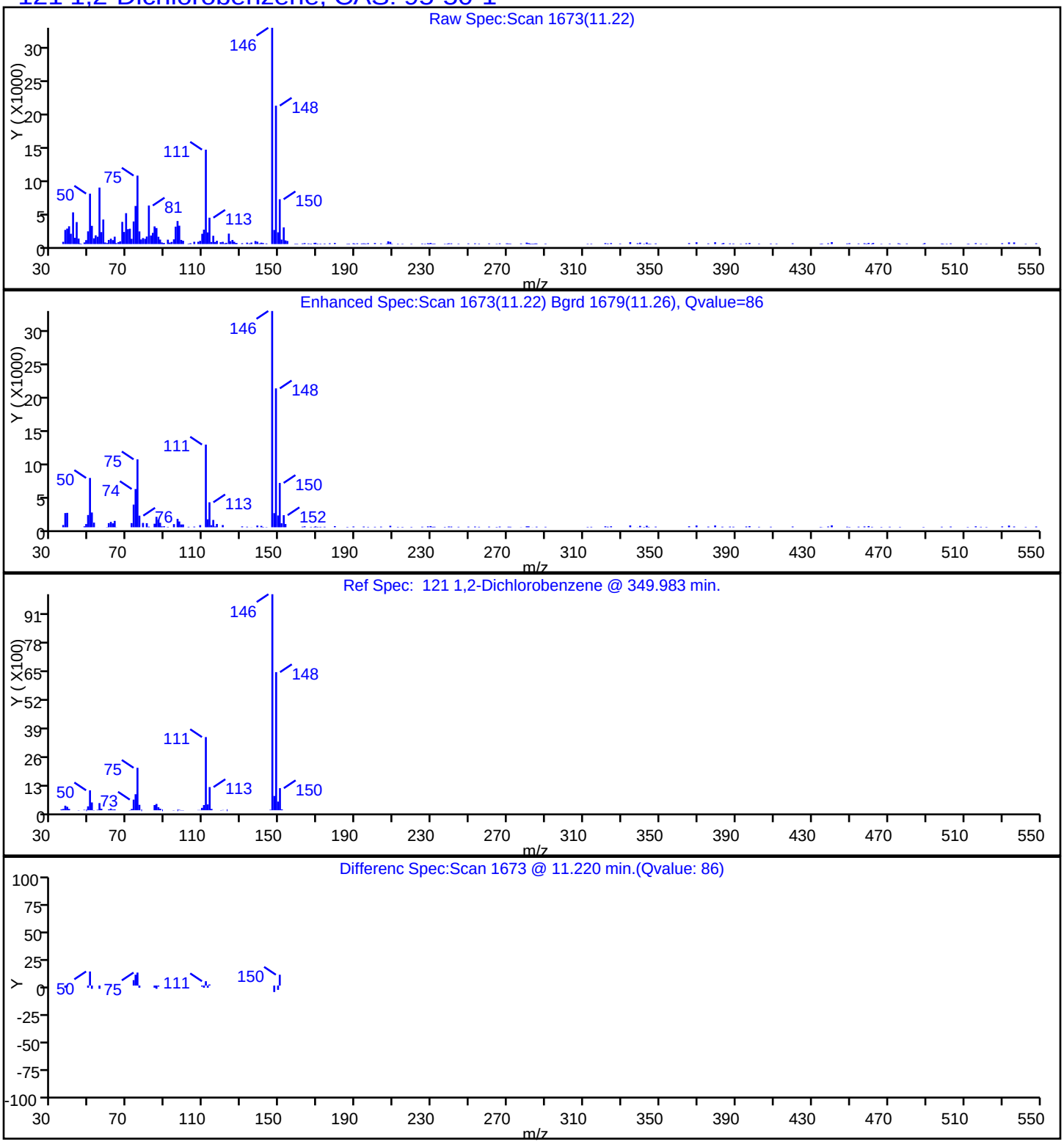
Report Date: 14-Mar-2014 15:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09952.D

Injection Date:	13-Mar-2014 16:39:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-17-A	Lab Sample ID:	460-72174-17		
Client ID:	PMP-2SW-WT				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

121 1,2-Dichlorobenzene, CAS: 95-50-1



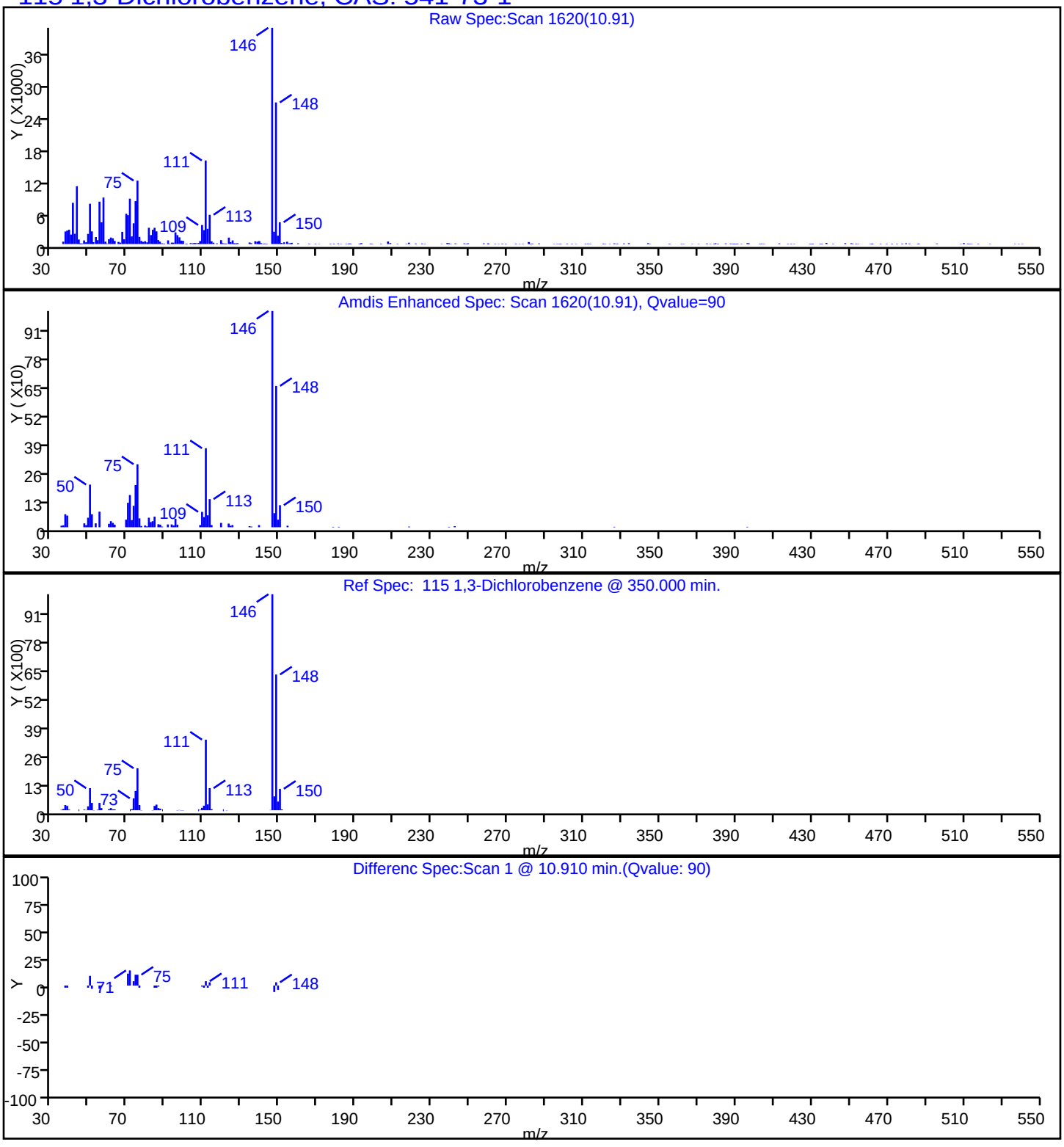
Report Date: 14-Mar-2014 15:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09952.D

Injection Date:	13-Mar-2014 16:39:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-17-A	Lab Sample ID:	460-72174-17		
Client ID:	PMP-2SW-WT				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

115 1,3-Dichlorobenzene, CAS: 541-73-1



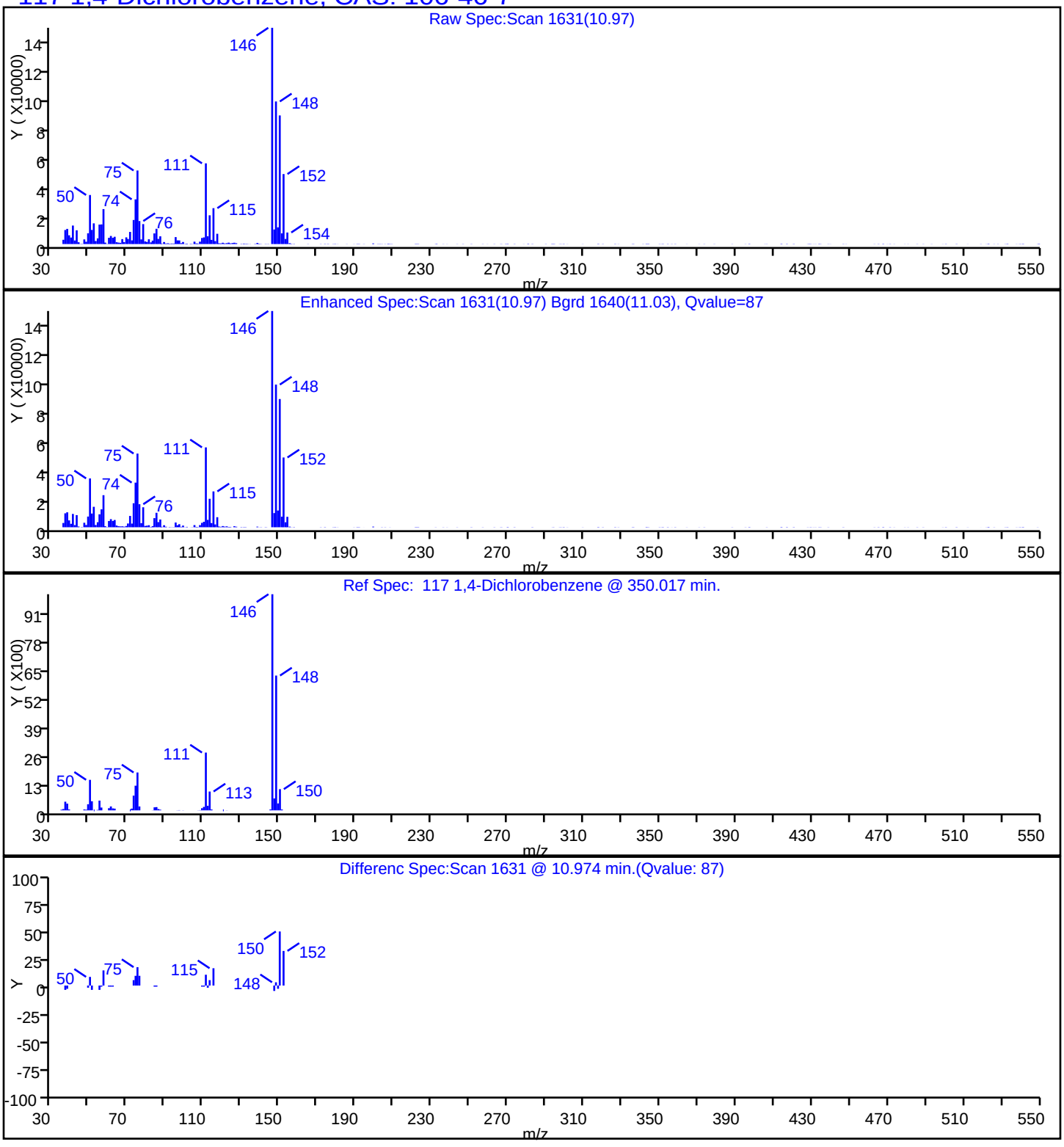
Report Date: 14-Mar-2014 15:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09952.D

Injection Date:	13-Mar-2014 16:39:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-17-A	Lab Sample ID:	460-72174-17		
Client ID:	PMP-2SW-WT				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

117 1,4-Dichlorobenzene, CAS: 106-46-7



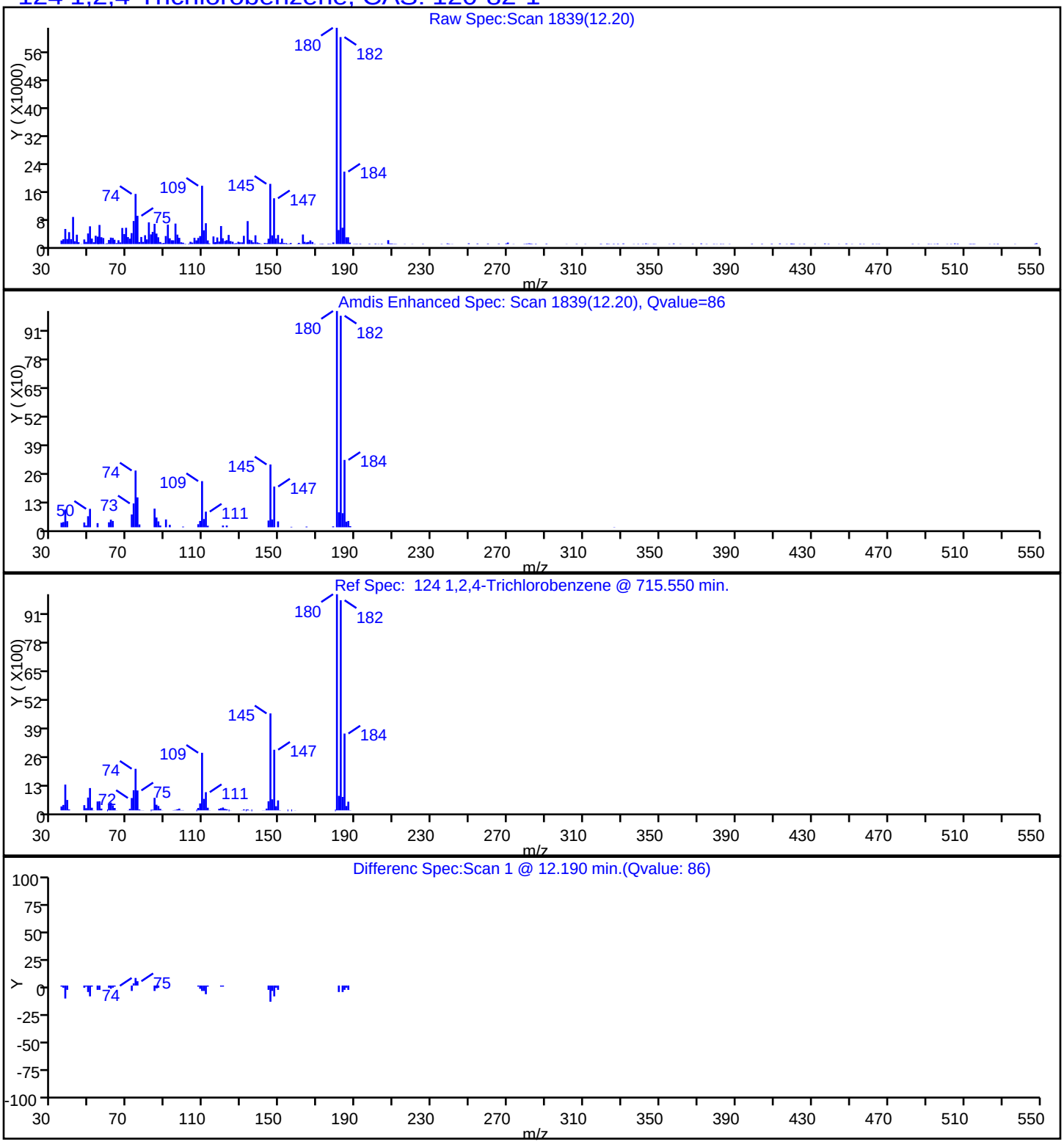
Report Date: 14-Mar-2014 15:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09952.D

Injection Date:	13-Mar-2014 16:39:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-17-A	Lab Sample ID:	460-72174-17		
Client ID:	PMP-2SW-WT				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



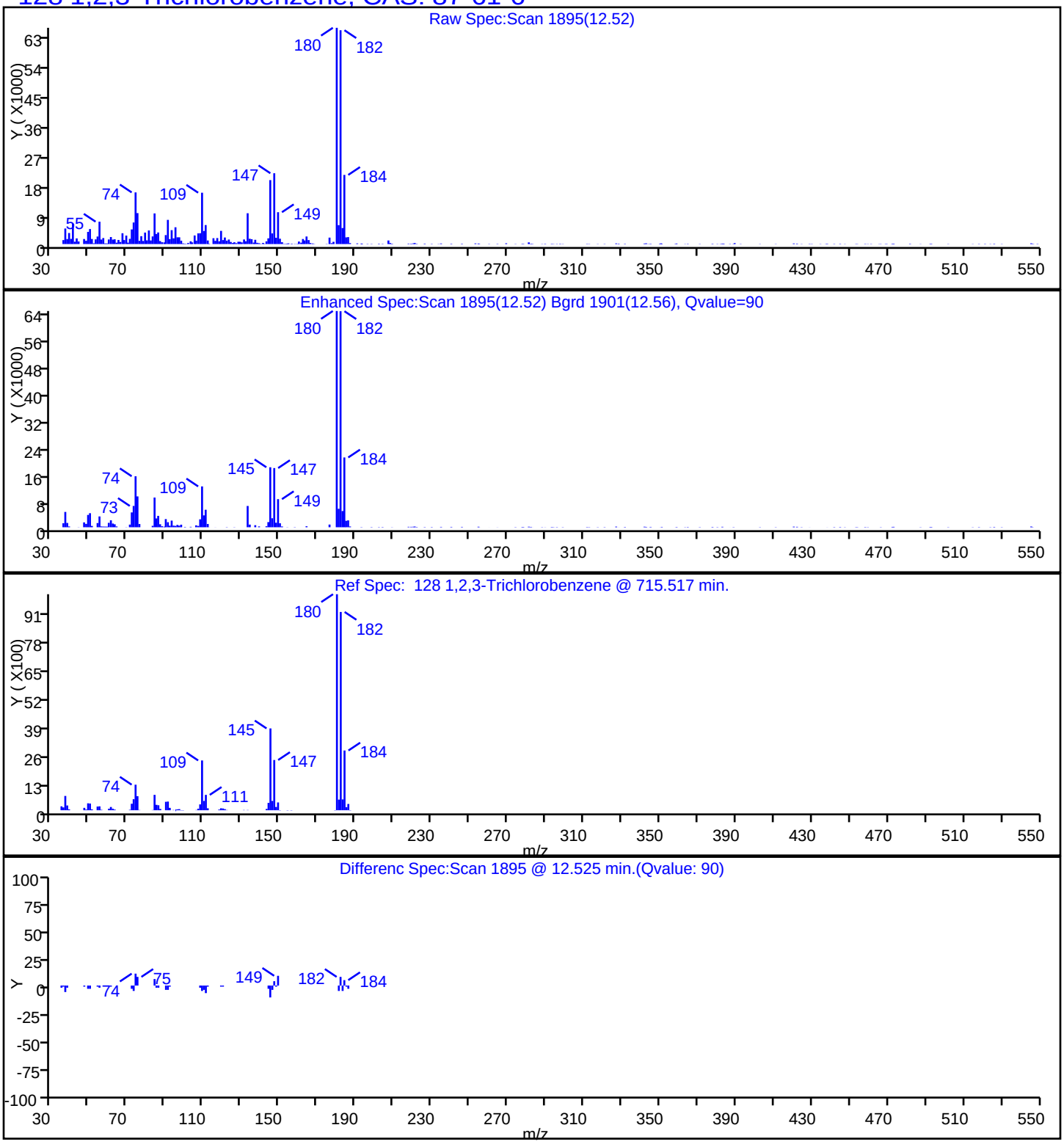
Report Date: 14-Mar-2014 15:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09952.D

Injection Date:	13-Mar-2014 16:39:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-17-A	Lab Sample ID:	460-72174-17		
Client ID:	PMP-2SW-WT				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



Report Date: 14-Mar-2014 15:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09952.D

Injection Date: 13-Mar-2014 16:39:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-17-A Lab Sample ID: 460-72174-17

Client ID: PMP-2SW-WT

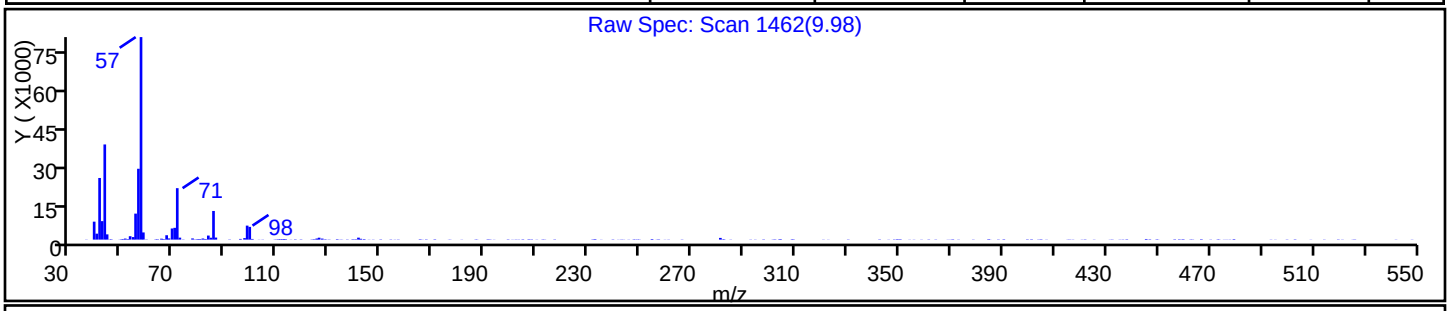
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18

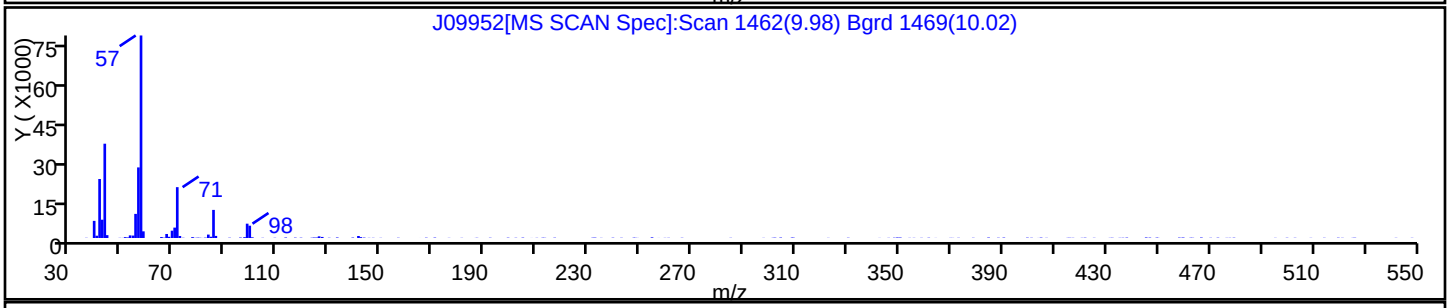
Purge Vol: 5.000 mL Dil. Factor: 50.0000

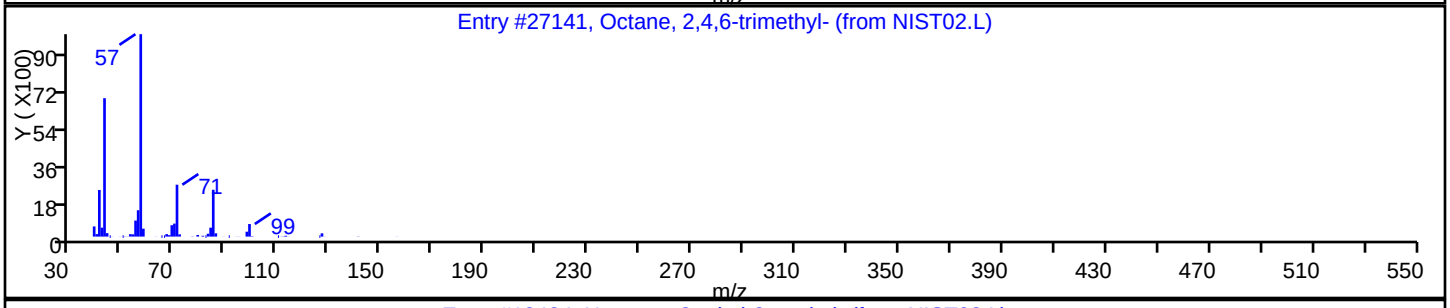
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

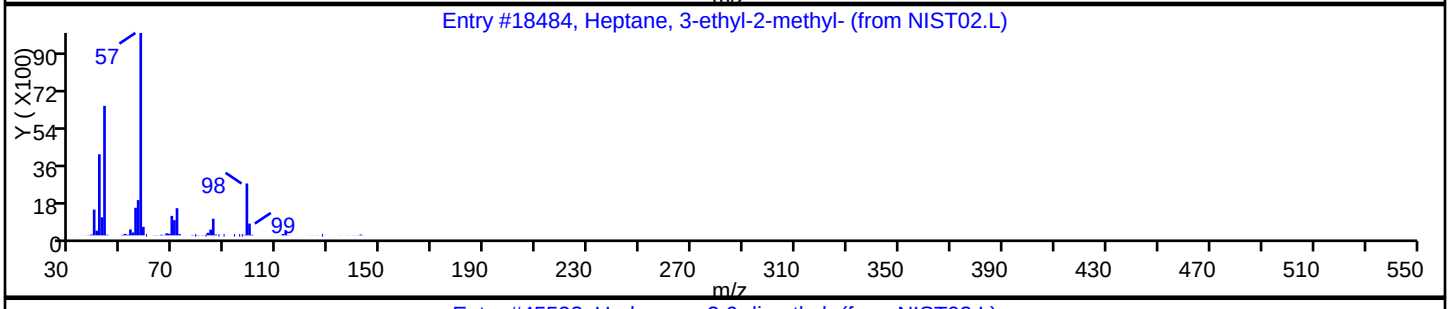
Column: Detector MS SCAN

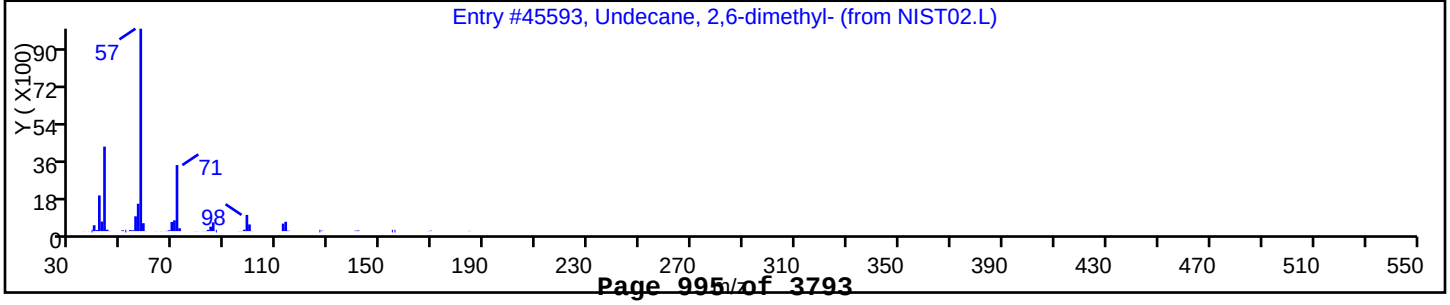
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octane, 2,4,6-trimethyl-	62016-37-9	NIST02.L	27141	C11H24	156	50
Heptane, 3-ethyl-2-methyl-	14676-29-0	NIST02.L	18484	C10H22	142	50
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.L	45593	C13H28	184	50











Report Date: 14-Mar-2014 15:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09952.D

Injection Date: 13-Mar-2014 16:39:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-17-A Lab Sample ID: 460-72174-17

Client ID: PMP-2SW-WT

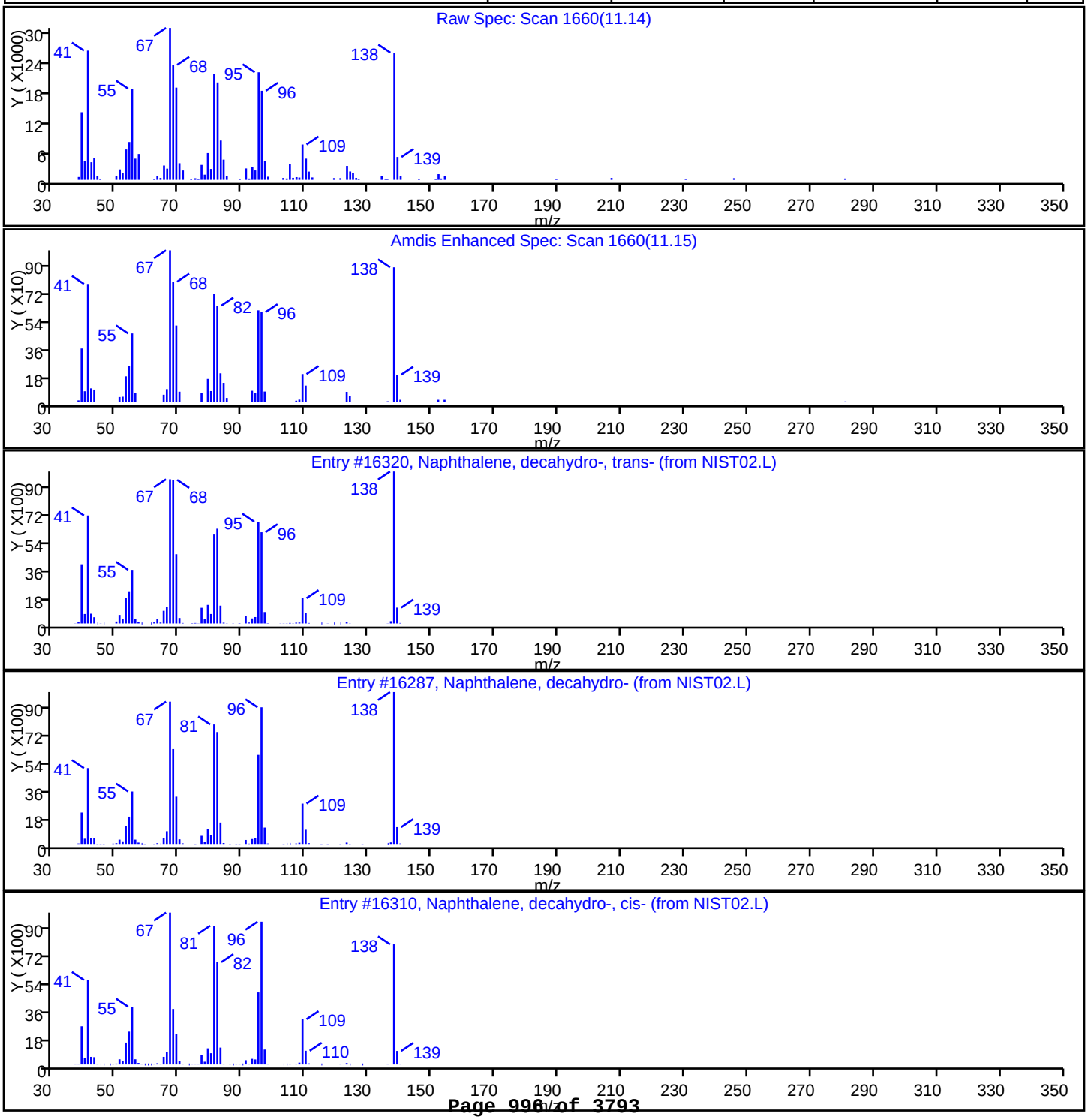
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-, trans-	493-02-7	NIST02.L	16320	C10H18	138	98
Naphthalene, decahydro-	91-17-8	NIST02.L	16287	C10H18	138	94
Naphthalene, decahydro-, cis-	493-01-6	NIST02.L	16310	C10H18	138	89



Report Date: 14-Mar-2014 15:32:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09952.D

Injection Date: 13-Mar-2014 16:39:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-17-A Lab Sample ID: 460-72174-17

Client ID: PMP-2SW-WT

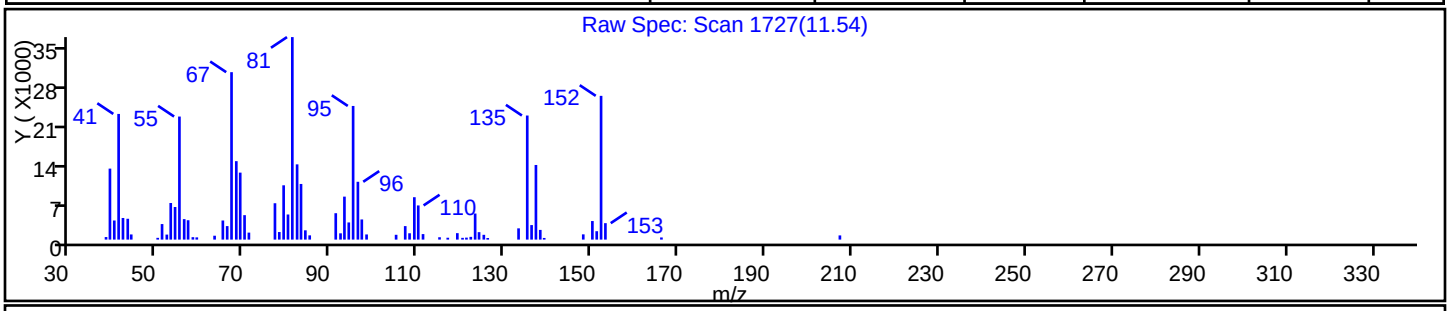
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18

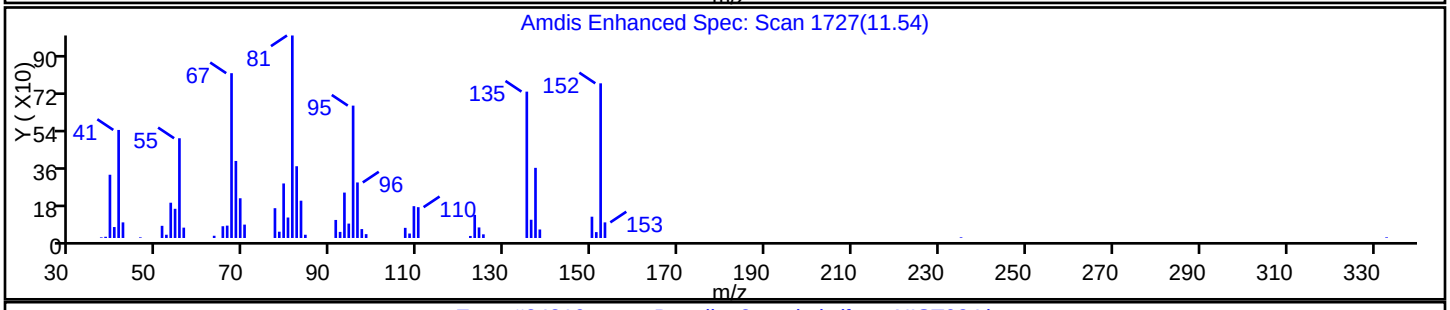
Purge Vol: 5.000 mL Dil. Factor: 50.0000

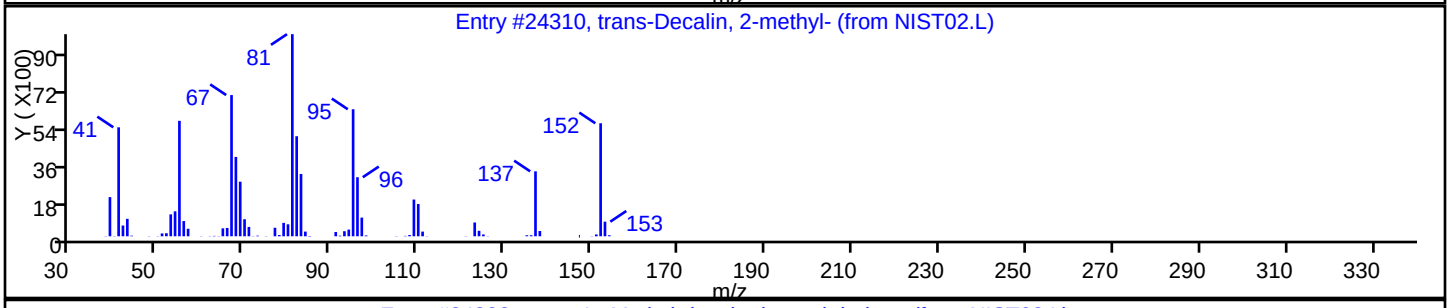
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

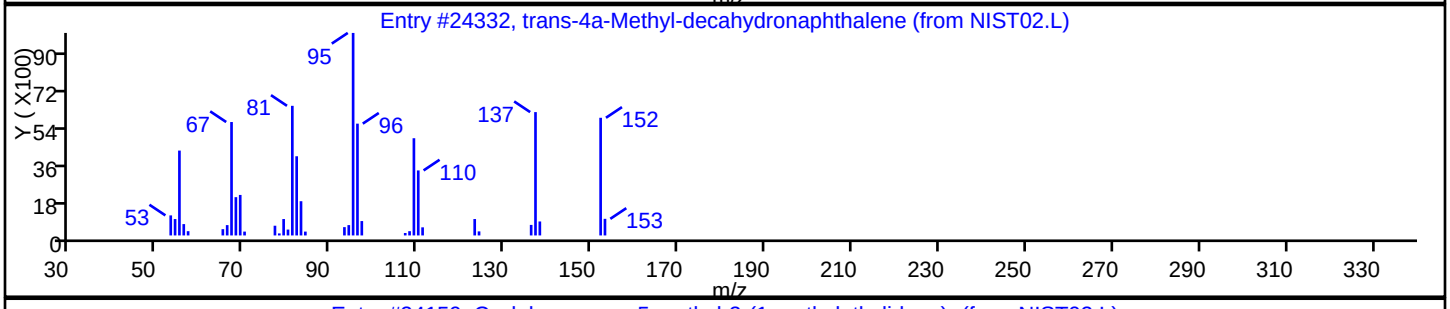
Column: Detector MS SCAN

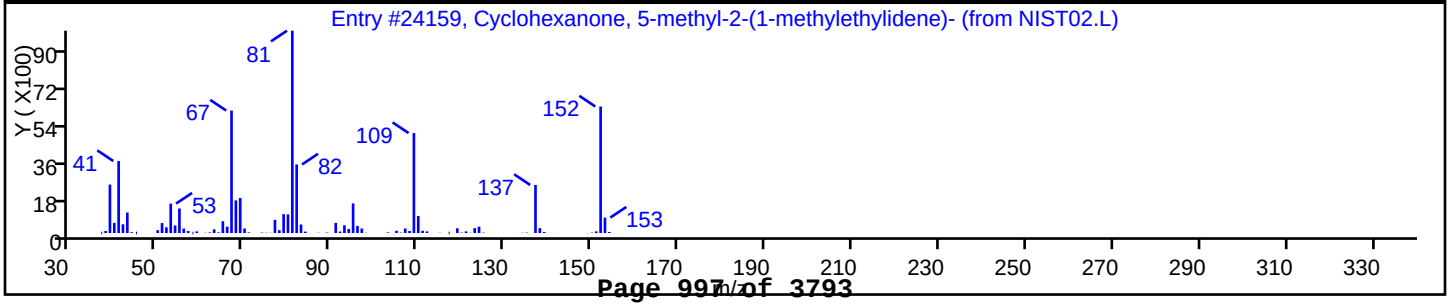
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
trans-Decalin, 2-methyl-	1000152-47-	NIST02.L	24310	C11H20	152	91
trans-4a-Methyl-decahydronaphthalene	2547-27-5	NIST02.L	24332	C11H20	152	90
Cyclohexanone, 5-methyl-2-(1-methylethyl	15932-80-6	NIST02.L	24159	C10H16O	152	86











Report Date: 14-Mar-2014 15:32:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09952.D

Injection Date: 13-Mar-2014 16:39:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-17-A Lab Sample ID: 460-72174-17

Client ID: PMP-2SW-WT

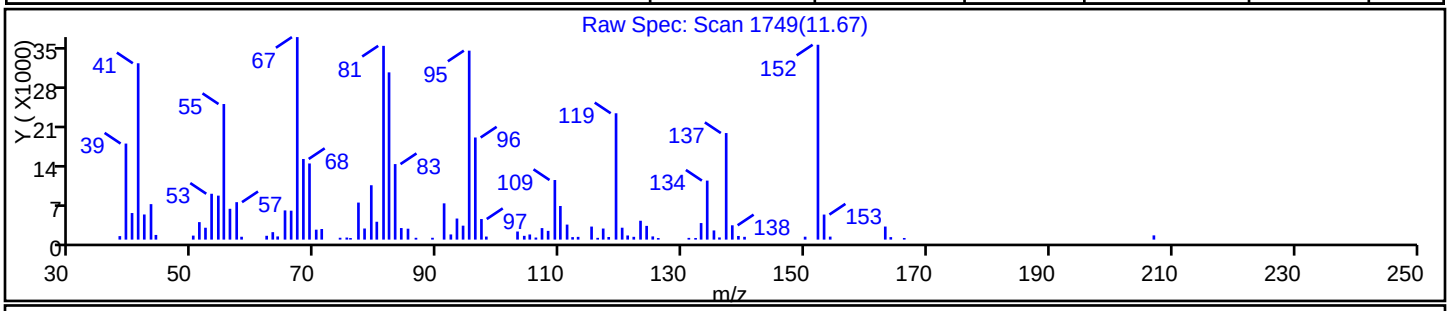
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18

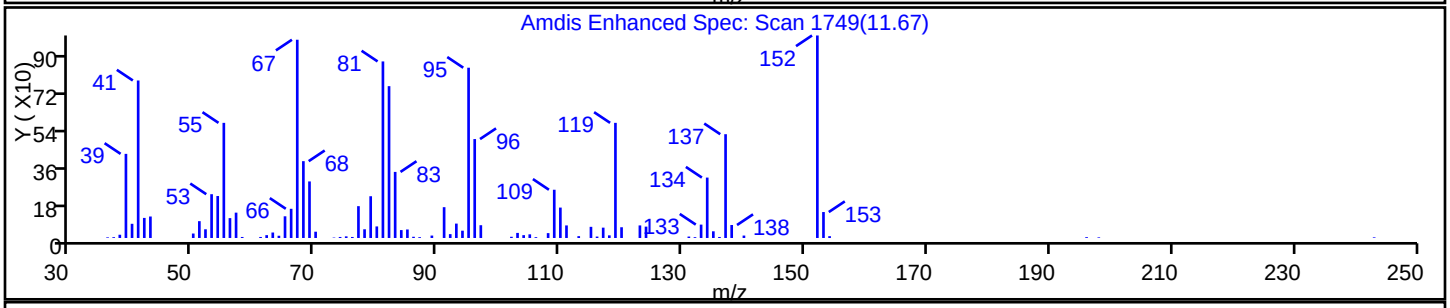
Purge Vol: 5.000 mL Dil. Factor: 50.0000

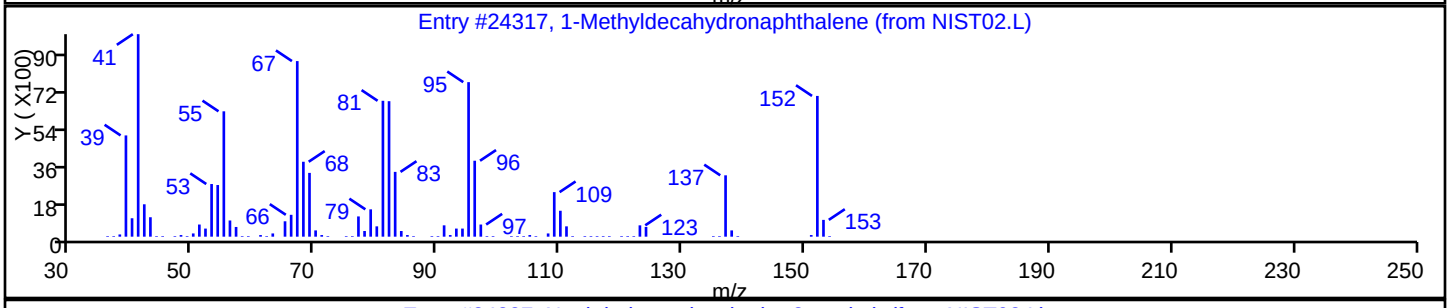
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

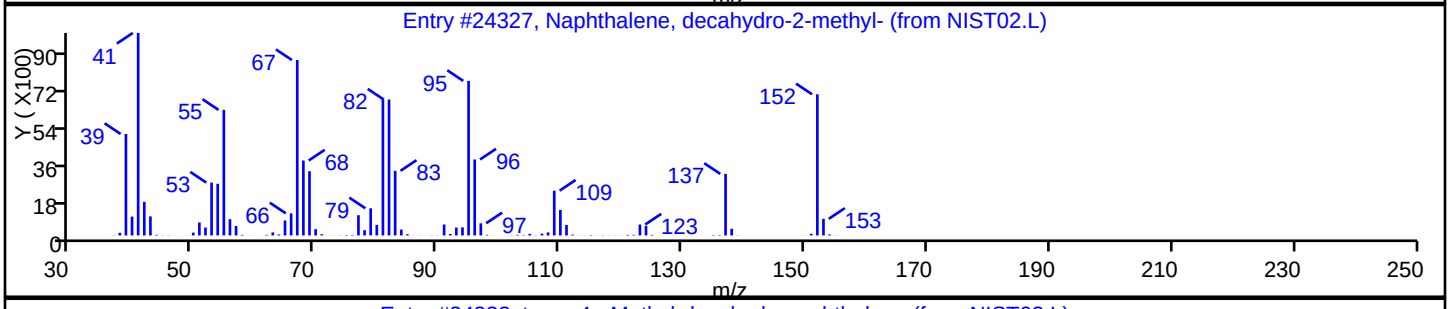
Column: Detector MS SCAN

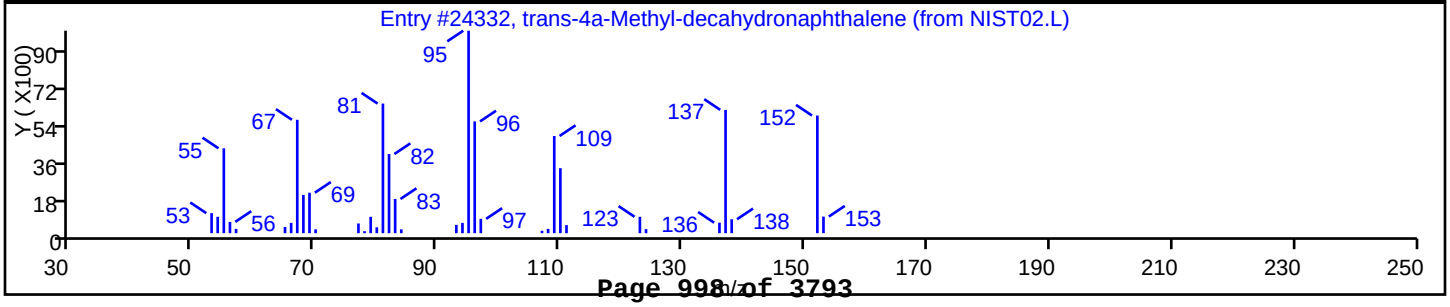
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Methyldecahydronaphthalene	2958-75-0	NIST02.L	24317	C11H20	152	96
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24327	C11H20	152	96
trans-4a-Methyl-decahydronaphthalene	2547-27-5	NIST02.L	24332	C11H20	152	83











Report Date: 14-Mar-2014 15:32:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09952.D

Injection Date: 13-Mar-2014 16:39:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-17-A Lab Sample ID: 460-72174-17

Client ID: PMP-2SW-WT

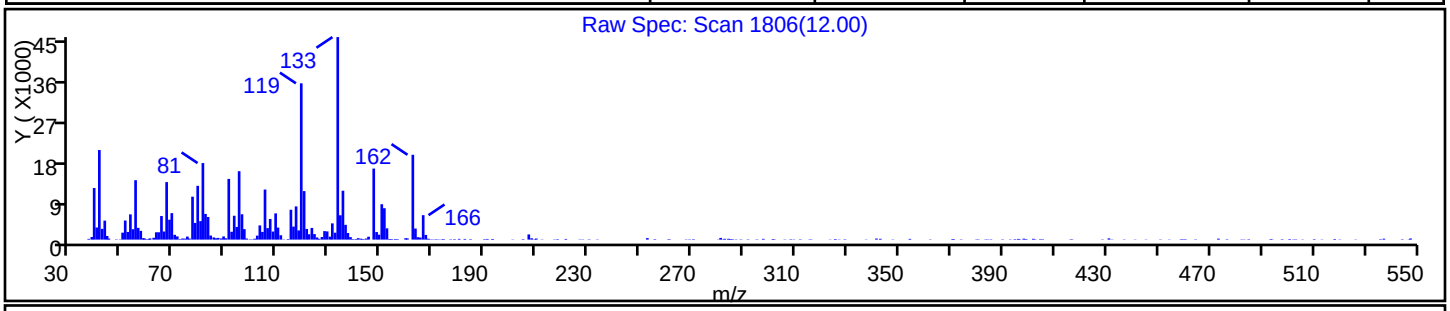
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18

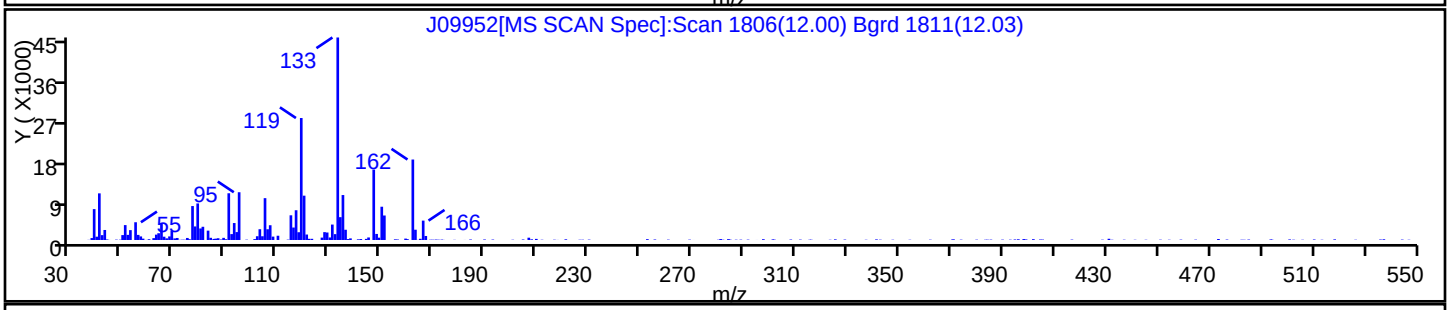
Purge Vol: 5.000 mL Dil. Factor: 50.0000

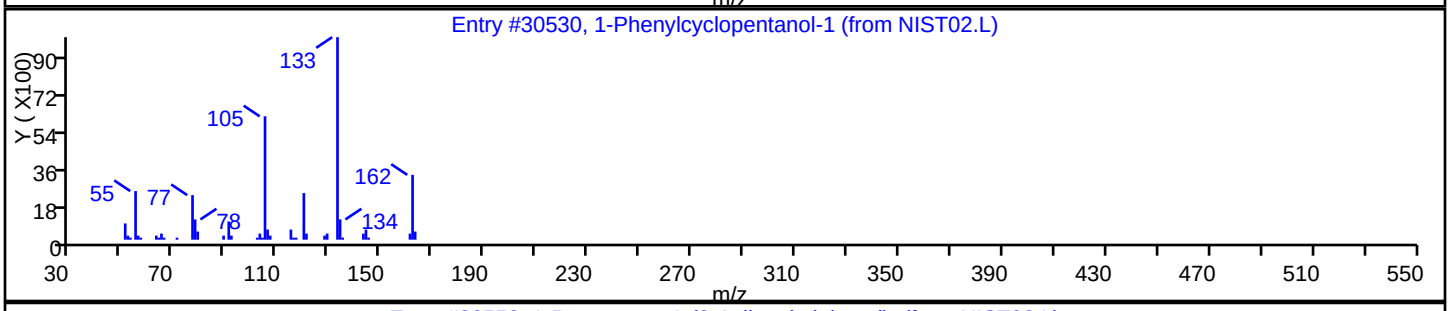
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

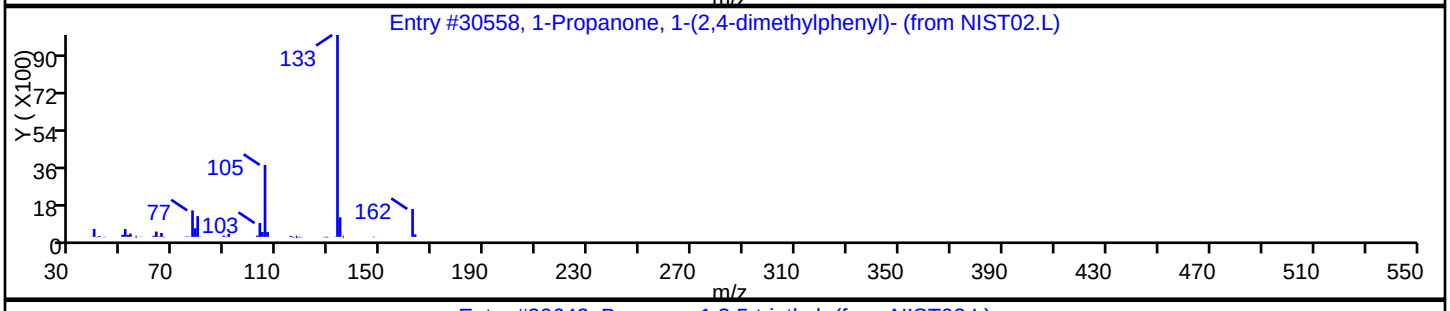
Column: Detector MS SCAN

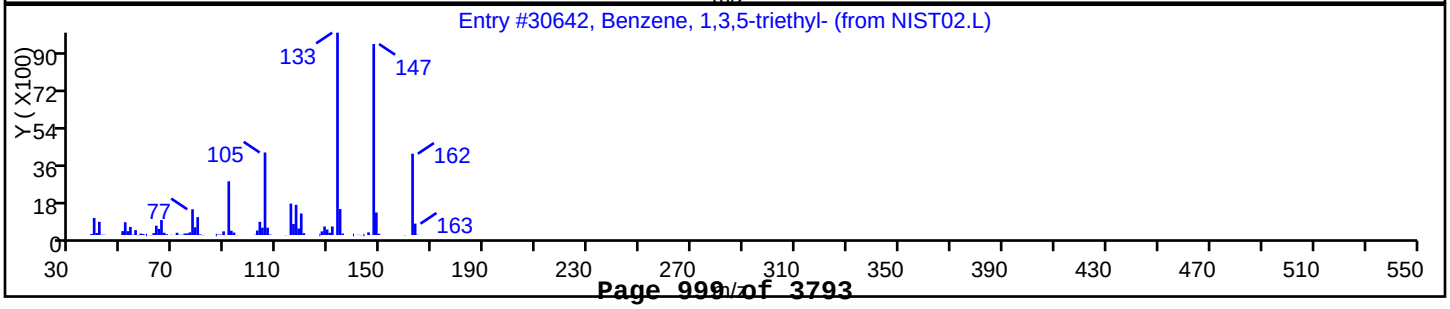
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Phenylcyclopentanol-1	10487-96-4	NIST02.L	30530	C11H14O	162	49
1-Propanone, 1-(2,4-dimethylphenyl)-	35031-55-1	NIST02.L	30558	C11H14O	162	46
Benzene, 1,3,5-triethyl-	102-25-0	NIST02.L	30642	C12H18	162	45











FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-SI Lab Sample ID: 460-72174-18

Matrix: Solid Lab File ID: D367300.D

Analysis Method: 8260B Date Collected: 03/06/2014 11:55

Sample wt/vol: 5.169(g) Date Analyzed: 03/13/2014 13:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.8 Level: (low/med) Low

Analysis Batch No.: 212326 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.18	U	1.1	0.18
74-83-9	Bromomethane	0.48	U	1.1	0.48
75-01-4	Vinyl chloride	0.38	U	1.1	0.38
75-00-3	Chloroethane	0.37	U	1.1	0.37
75-09-2	Methylene Chloride	0.17	U	1.1	0.17
67-64-1	Acetone	1.9	U	5.5	1.9
75-15-0	Carbon disulfide	0.17	U	1.1	0.17
75-69-4	Trichlorofluoromethane	0.18	U	1.1	0.18
75-35-4	1,1-Dichloroethene	0.21	U	1.1	0.21
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
156-60-5	trans-1,2-Dichloroethene	0.14	U	1.1	0.14
156-59-2	cis-1,2-Dichloroethene	1.8		1.1	0.12
67-66-3	Chloroform	1.0	J	1.1	0.27
78-93-3	2-Butanone	0.70	U	5.5	0.70
107-06-2	1,2-Dichloroethane	0.20	U	1.1	0.20
71-55-6	1,1,1-Trichloroethane	0.14	U	1.1	0.14
56-23-5	Carbon tetrachloride	0.17	U	1.1	0.17
71-43-2	Benzene	0.17	U	1.1	0.17
75-25-2	Bromoform	0.19	U	1.1	0.19
100-42-5	Styrene	0.31	U	1.1	0.31
100-41-4	Ethylbenzene	0.19	U	1.1	0.19
108-90-7	Chlorobenzene	0.20	U	1.1	0.20
110-82-7	Cyclohexane	0.14	U	1.1	0.14
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
591-78-6	2-Hexanone	0.14	U	5.5	0.14
1634-04-4	MTBE	0.12	U	1.1	0.12
76-13-1	Freon TF	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.35	U	5.5	0.35
123-91-1	1,4-Dioxane	14	U	22	14
79-01-6	Trichloroethene	1.7		1.1	0.13
108-88-3	Toluene	0.31	J	1.1	0.16
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
108-10-1	4-Methyl-2-pentanone	0.22	U	5.5	0.22
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.1	0.16
95-50-1	1,2-Dichlorobenzene	1.2		1.1	0.11
541-73-1	1,3-Dichlorobenzene	1.0	J	1.1	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-SI | Lab Sample ID: 460-72174-18

Matrix: Solid | Lab File ID: D367300.D

Analysis Method: 8260B | Date Collected: 03/06/2014 11:55

Sample wt/vol: 5.169(g) | Date Analyzed: 03/13/2014 13:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.8 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	3.1		1.1	0.12
120-82-1	1,2,4-Trichlorobenzene	2.0		1.1	0.21
87-61-6	1,2,3-Trichlorobenzene	6.9		1.1	0.18
78-87-5	1,2-Dichloropropane	0.17	U	1.1	0.17
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
127-18-4	Tetrachloroethene	0.34	J	1.1	0.13
1330-20-7	Xylenes, Total	0.74	U	2.2	0.74
96-12-8	1,2-Dibromo-3-Chloropropane	0.49	U	1.1	0.49
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	1.1	0.10
79-00-5	1,1,2-Trichloroethane	0.16	U	1.1	0.16
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
106-93-4	1,2-Dibromoethane	0.17	U	1.1	0.17
75-71-8	Dichlorodifluoromethane	0.24	U	1.1	0.24
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.35	U	1.1	0.35

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
460-00-4	Bromofluorobenzene	95		70-130
1868-53-7	Dibromofluoromethane (Surr)	90		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-SI Lab Sample ID: 460-72174-18

Matrix: Solid Lab File ID: D367300.D

Analysis Method: 8260B Date Collected: 03/06/2014 11:55

Sample wt/vol: 5.169(g) Date Analyzed: 03/13/2014 13:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.8 Level: (low/med) Low

Analysis Batch No.: 212326 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 189

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1120-21-4	Undecane	9.92	24	J N
112-40-3	Dodecane	10.67	21	J N
17301-23-4	Undecane, 2,6-dimethyl-	10.79	26	J N
6508-77-6	6-Tridecene, (Z)-	11.05	20	J N
1072-05-5	Heptane, 2,6-dimethyl-	11.33	14	J N
3891-98-3	Dodecane, 2,6,10-trimethyl-	11.90	14	J N
629-59-4	Tetradecane	12.03	18	J N
90-12-0	Naphthalene, 1-methyl-	12.32	16	J N
6117-97-1	Dodecane, 4-methyl-	12.58	20	J N
581-42-0	Naphthalene, 2,6-dimethyl-	13.24	16	J N

Report Date: 15-Mar-2014 13:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367300.D
Lims ID: 460-72174-B-18-A Lab Sample ID: 460-72174-18
Client ID: PMP-2SW-SI
Sample Type: Client
Inject. Date: 13-Mar-2014 13:51:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-18-A
Misc. Info.: 460-0010815-020
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 13:26:43 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: baronm Date: 15-Mar-2014 13:26:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.622	2.628	-0.006	79	134243	1000.0	
42 cis-1,2-Dichloroethene	96	3.336	3.326	0.010	88	6090	1.62	
47 Chloroform	83	3.557	3.554	0.003	70	5089	0.9132	
$ 152 Dibromofluoromethane (Surr)	113	3.699	3.702	-0.003	90	95293	44.9	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.149	4.152	-0.003	93	87413	47.3	
* 59 Fluorobenzene	96	4.410	4.409	0.001	88	482770	50.0	
61 Trichloroethene	95	4.580	4.567	0.013	74	5186	1.55	
* 150 1,4-Dioxane-d8	96	5.374	5.377	-0.003	1	8880	1000.0	M
$ 76 Toluene-d8 (Surr)	98	6.075	6.072	0.003	90	459866	46.2	
77 Toluene	91	6.126	6.133	-0.007	67	4131	0.2813	
80 Tetrachloroethene	166	6.583	6.577	0.006	49	994	0.3029	
* 87 Chlorobenzene-d5	117	7.776	7.776	0.0	82	288143	50.0	
91 m-Xylene & p-Xylene	106	7.991	7.991	0.0	24	2116	0.3439	7M
92 o-Xylene	106	8.368	8.367	0.001	86	1814	0.3168	
$ 99 4-Bromofluorobenzene	174	8.859	8.853	0.006	77	97878	47.3	
115 1,3-Dichlorobenzene	146	9.667	9.663	0.004	86	5958	0.9400	
* 116 1,4-Dichlorobenzene-d4	152	9.724	9.721	0.003	88	140730	50.0	
117 1,4-Dichlorobenzene	146	9.731	9.731	0.0	65	17190	2.75	
121 1,2-Dichlorobenzene	146	10.040	10.036	0.004	77	5777	1.07	
124 1,2,4-Trichlorobenzene	180	11.094	11.091	0.003	67	7347	1.82	
128 1,2,3-Trichlorobenzene	180	11.448	11.448	0.0	82	21139	6.22	
S 131 Xylenes, Total	100				0		0.6607	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367300.D
Lims ID: 460-72174-B-18-A Lab Sample ID: 460-72174-18
Client ID: PMP-2SW-SI
Sample Type: Client
Inject. Date: 13-Mar-2014 13:51:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-18-A
Misc. Info.: 460-0010815-020
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 13:26:43 Calib Date: 12-Mar-2014 20:41:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 40

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: baronm Date: 15-Mar-2014 13:26:43

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
1120-21-4 Undecane								
9.917	408262	22.0	116	80	27118	C11H24	156	
112-40-3 Dodecane								
10.670	356482	19.2	116	60	36159	C12H26	170	
17301-23-4 Undecane, 2,6-dimethyl-								
10.789	438199	23.6	116	70	45584	C13H28	184	
6508-77-6 6-Tridecene, (Z)-								
11.049	330544	17.8	116	81	44141	C13H26	182	
1072-05-5 Heptane, 2,6-dimethyl-								
11.326	230423	12.4	116	80	12281	C9H20	128	
3891-98-3 Dodecane, 2,6,10-trimethyl-								
11.901	236504	12.7	116	78	64590	C15H32	212	
629-59-4 Tetradecane								
12.027	303366	16.3	116	95	55009	C14H30	198	
90-12-0 Naphthalene, 1-methyl-								
12.316	267460	14.4	116	94	18499	C11H10	142	
6117-97-1 Dodecane, 4-methyl-								
12.583	334194	18.0	116	87	45555	C13H28	184	
581-42-0 Naphthalene, 2,6-dimethyl-								
13.239	275267	14.8	116	98	27167	C12H12	156	

Report Date: 15-Mar-2014 13:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367300.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	9.721	929866	50.0

QC Flag Legend

Processing Flags

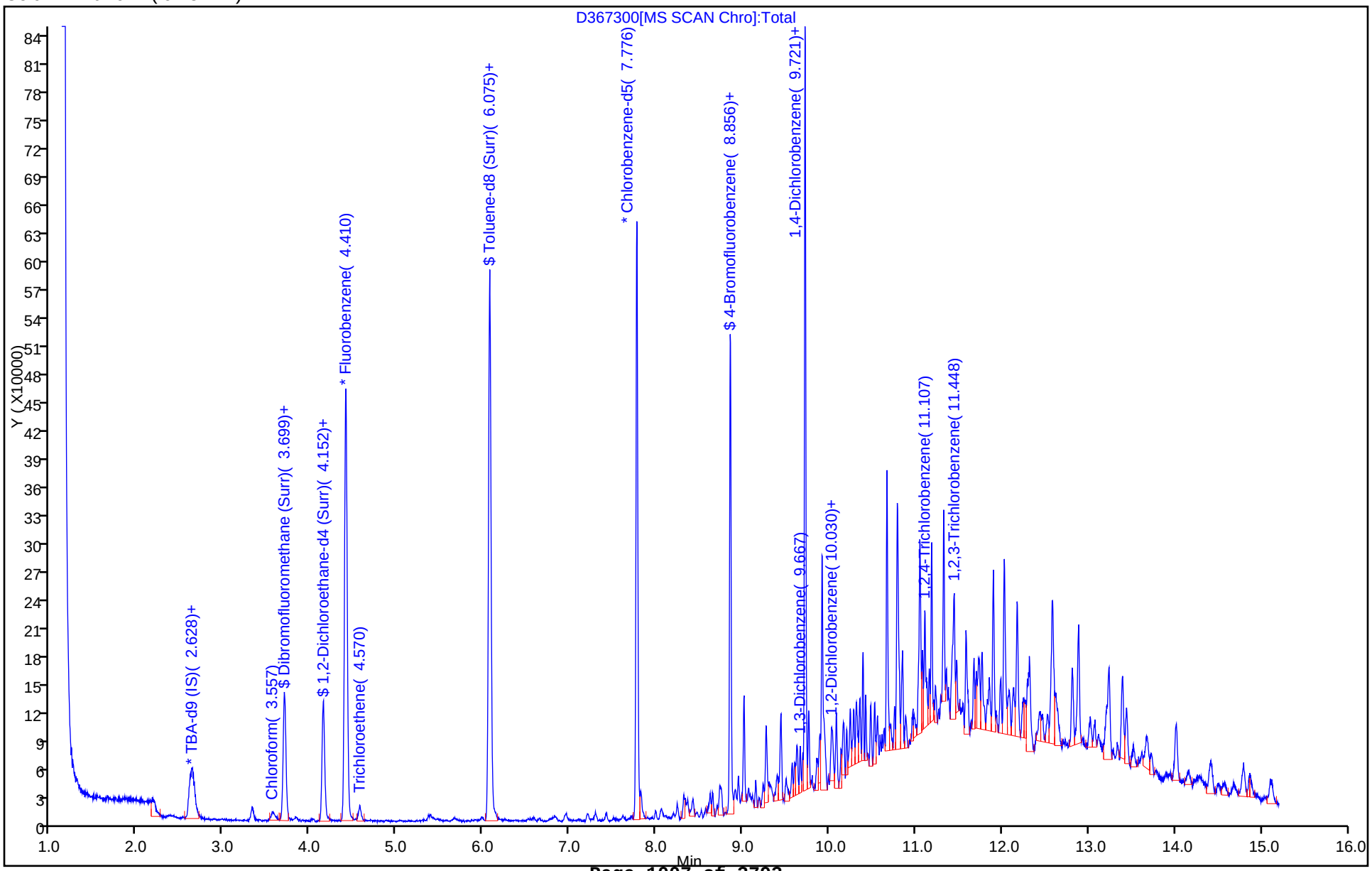
Report Date: 15-Mar-2014 13:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367300.D

Injection Date:	13-Mar-2014 13:51:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-B-18-A	Lab Sample ID:	460-72174-18	Worklist Smp#:	20
Client ID:	PMP-2SW-SI				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



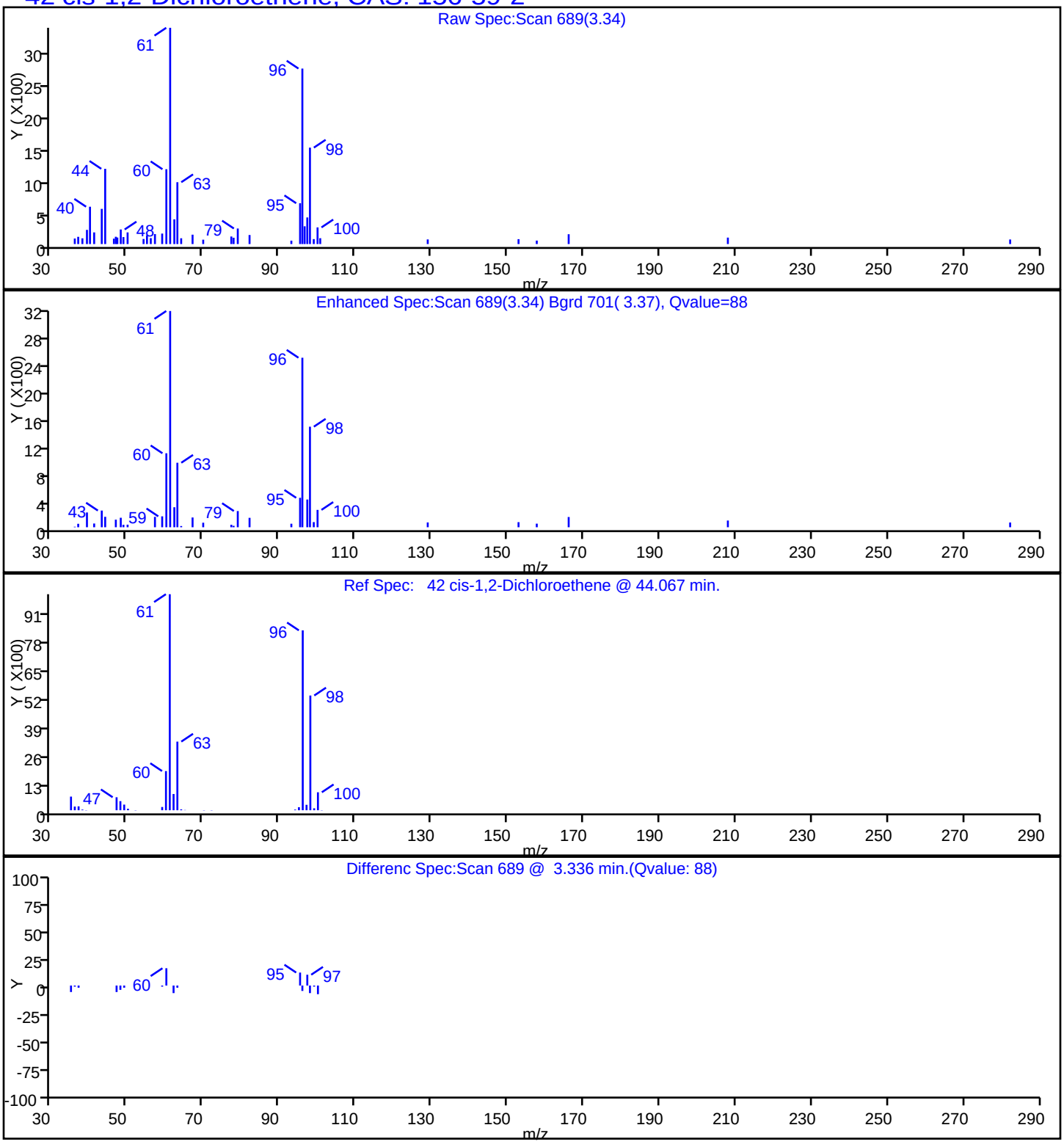
Report Date: 15-Mar-2014 13:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367300.D

Injection Date:	13-Mar-2014 13:51:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-18-A	Lab Sample ID:	460-72174-18		
Client ID:	PMP-2SW-SI				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

42 cis-1,2-Dichloroethene, CAS: 156-59-2



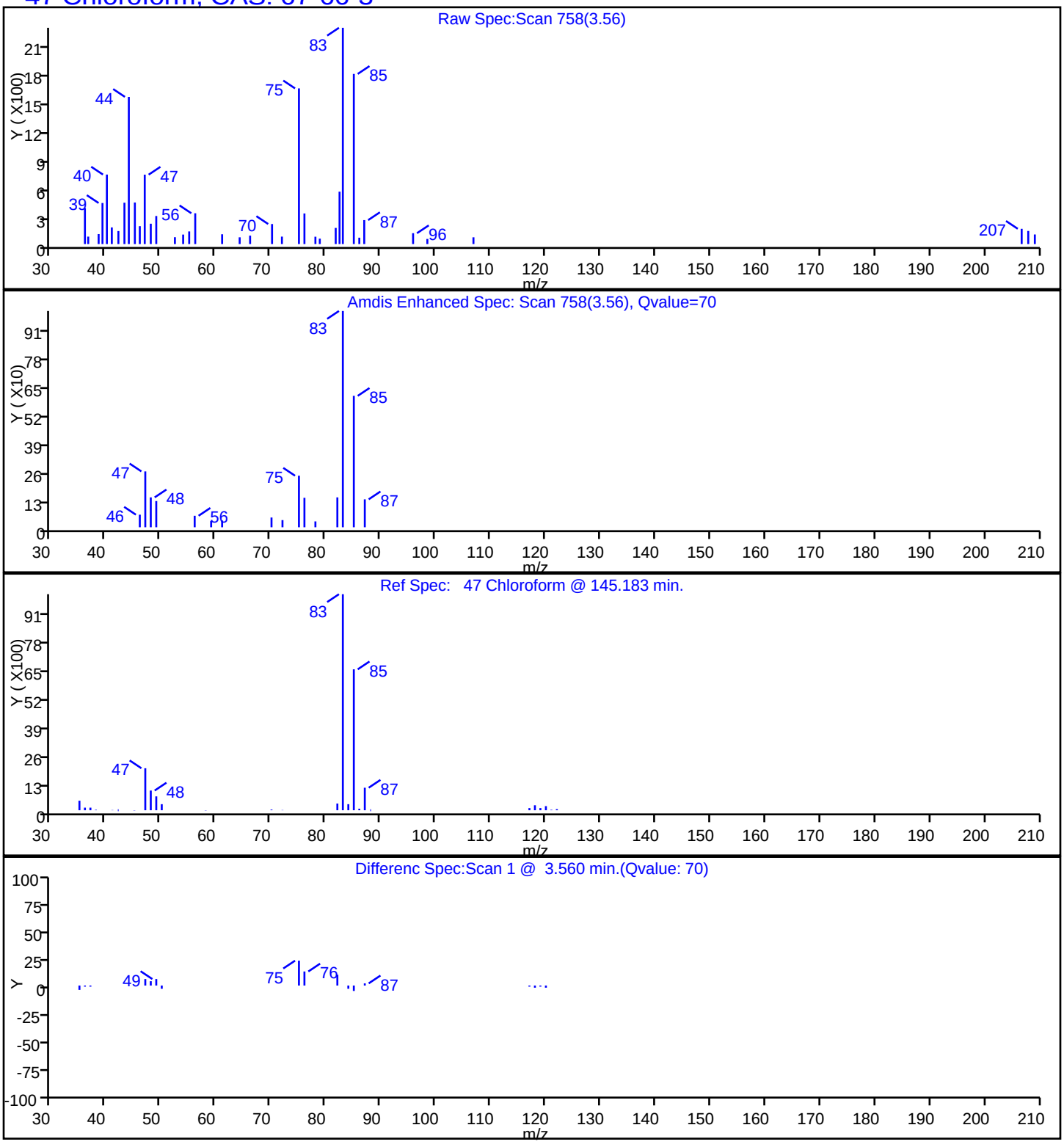
Report Date: 15-Mar-2014 13:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367300.D

Injection Date:	13-Mar-2014 13:51:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-18-A	Lab Sample ID:	460-72174-18		
Client ID:	PMP-2SW-SI				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

47 Chloroform, CAS: 67-66-3



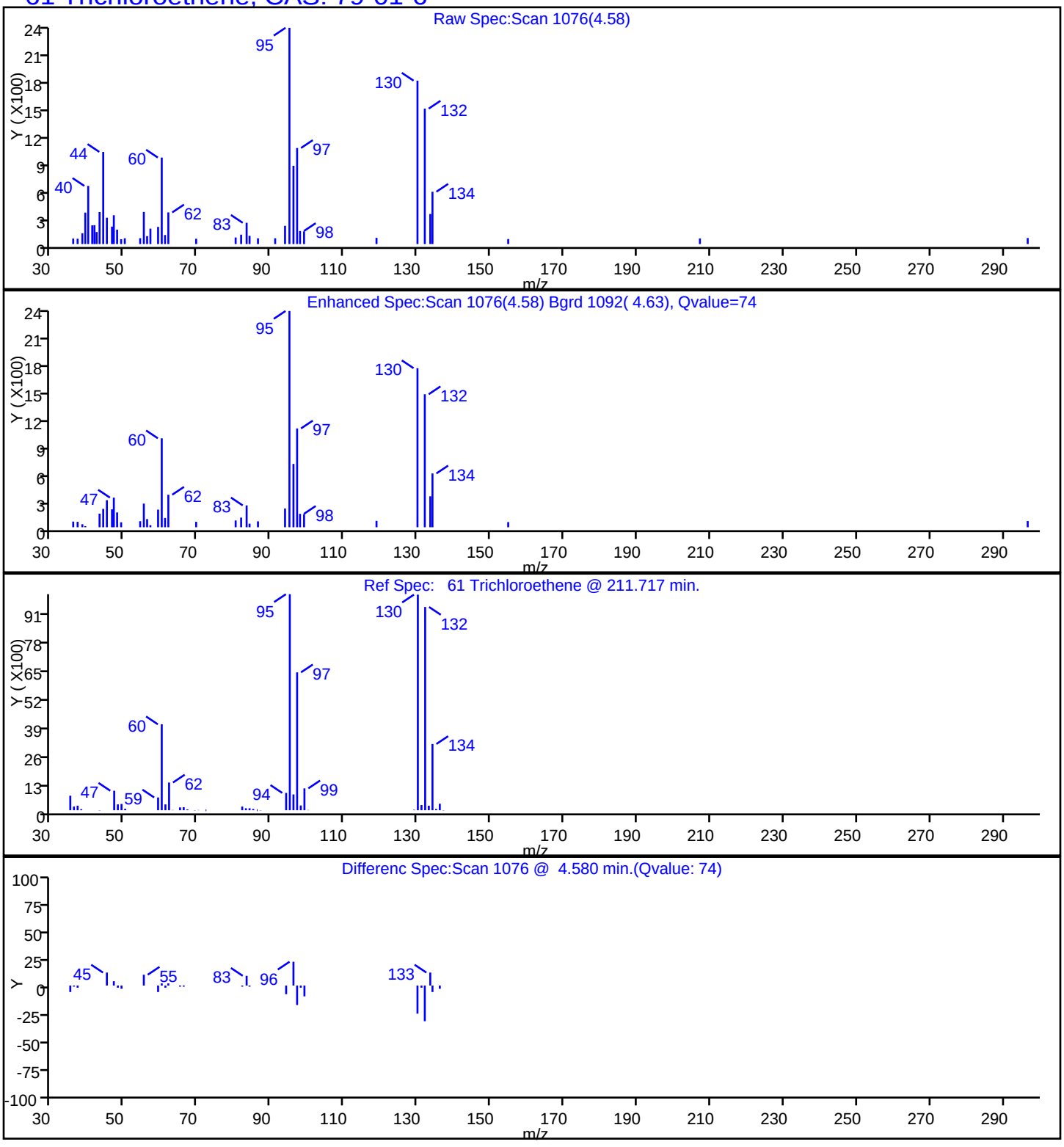
Report Date: 15-Mar-2014 13:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367300.D

Injection Date:	13-Mar-2014 13:51:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-18-A	Lab Sample ID:	460-72174-18		
Client ID:	PMP-2SW-SI				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

61 Trichloroethene, CAS: 79-01-6



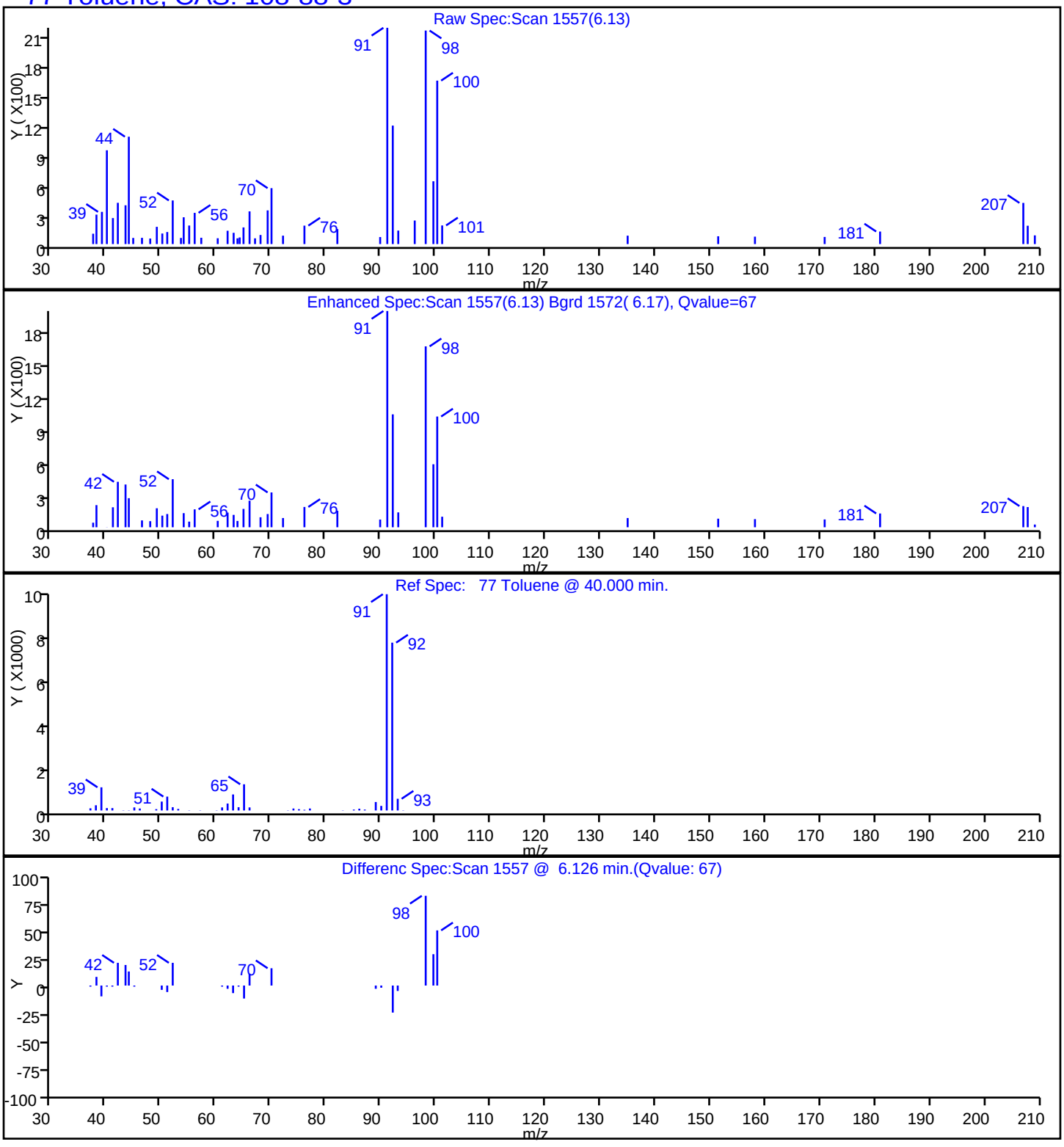
Report Date: 15-Mar-2014 13:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367300.D

Injection Date:	13-Mar-2014 13:51:30	Instrument ID:	CVOAMS4
Lims ID:	460-72174-B-18-A	Lab Sample ID:	460-72174-18
Client ID:	PMP-2SW-SI		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

77 Toluene, CAS: 108-88-3



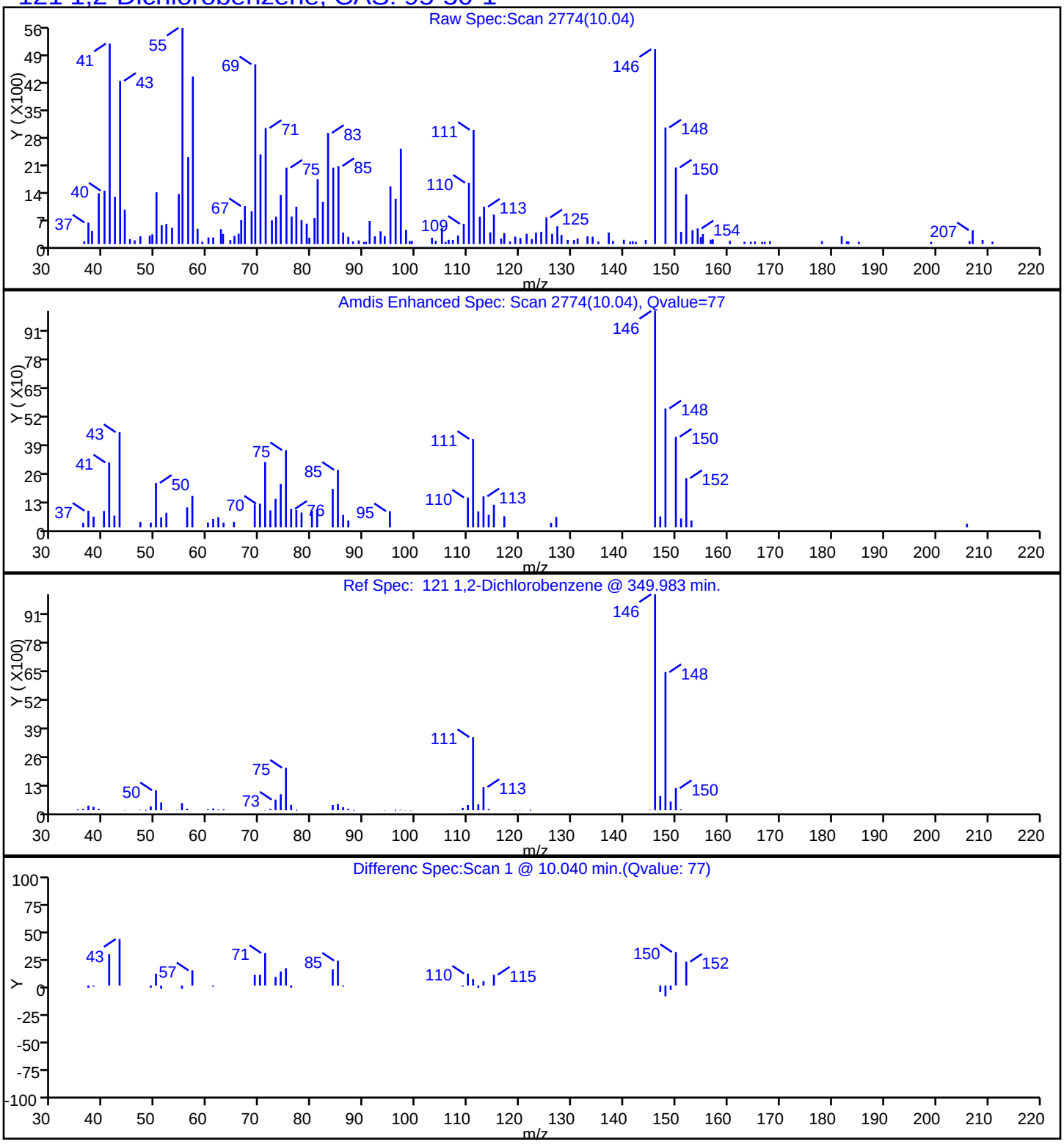
Report Date: 15-Mar-2014 13:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367300.D

Injection Date:	13-Mar-2014 13:51:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-18-A	Lab Sample ID:	460-72174-18		
Client ID:	PMP-2SW-SI				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

121 1,2-Dichlorobenzene, CAS: 95-50-1



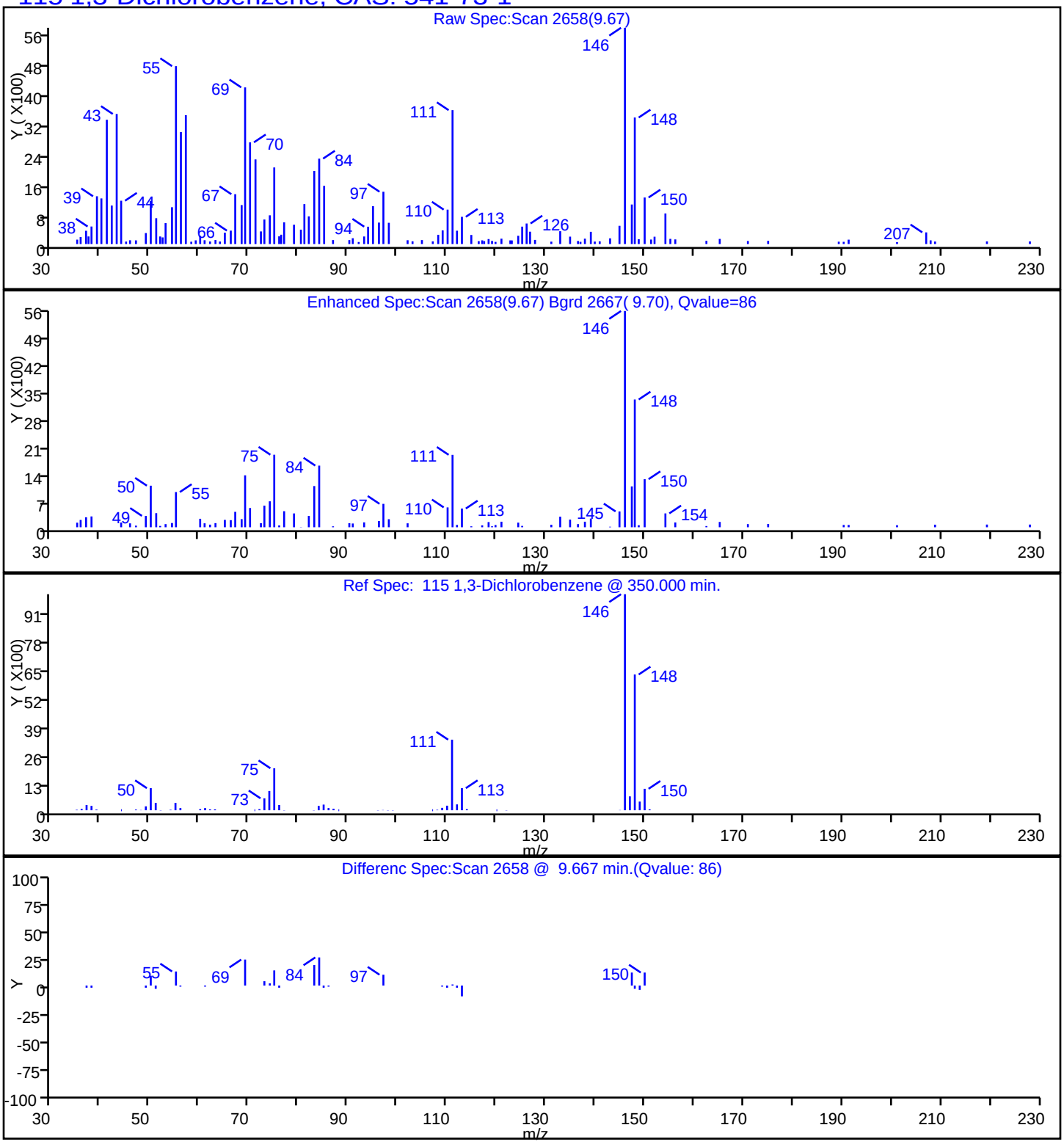
Report Date: 15-Mar-2014 13:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367300.D

Injection Date:	13-Mar-2014 13:51:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-18-A	Lab Sample ID:	460-72174-18		
Client ID:	PMP-2SW-SI				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

115 1,3-Dichlorobenzene, CAS: 541-73-1



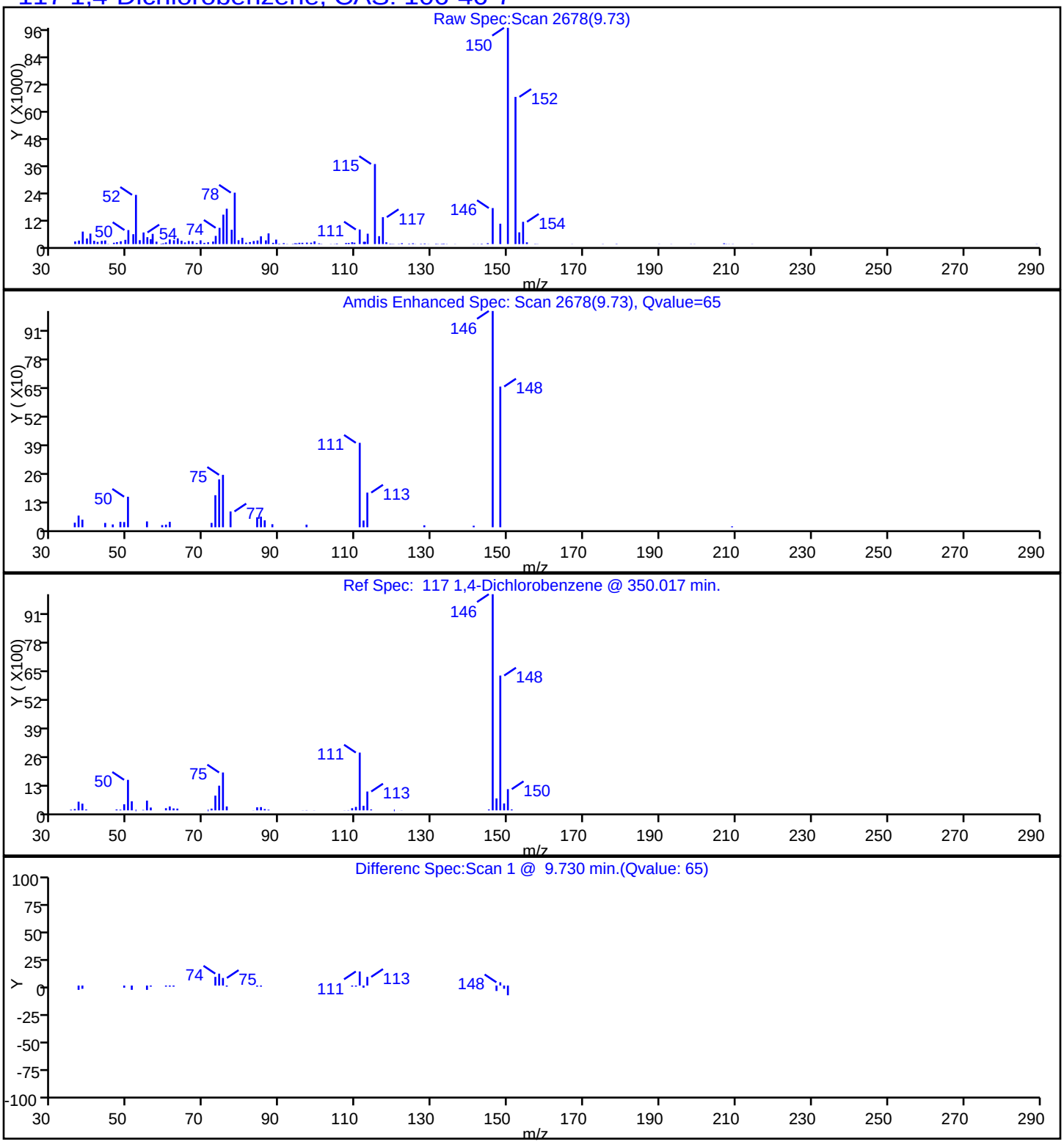
Report Date: 15-Mar-2014 13:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367300.D

Injection Date:	13-Mar-2014 13:51:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-18-A	Lab Sample ID:	460-72174-18		
Client ID:	PMP-2SW-SI				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

117 1,4-Dichlorobenzene, CAS: 106-46-7



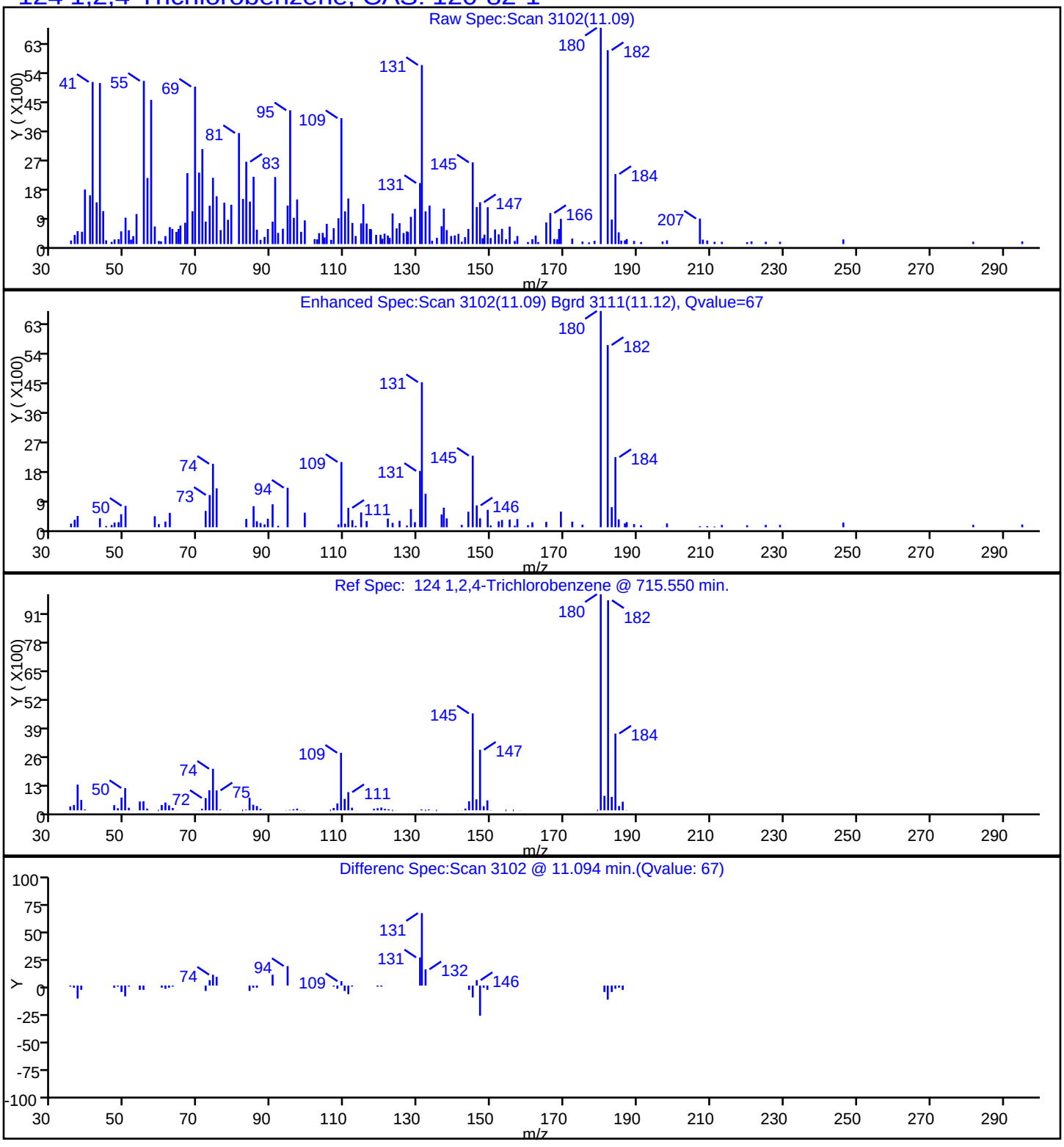
Report Date: 15-Mar-2014 13:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367300.D

Injection Date:	13-Mar-2014 13:51:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-18-A	Lab Sample ID:	460-72174-18		
Client ID:	PMP-2SW-SI				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



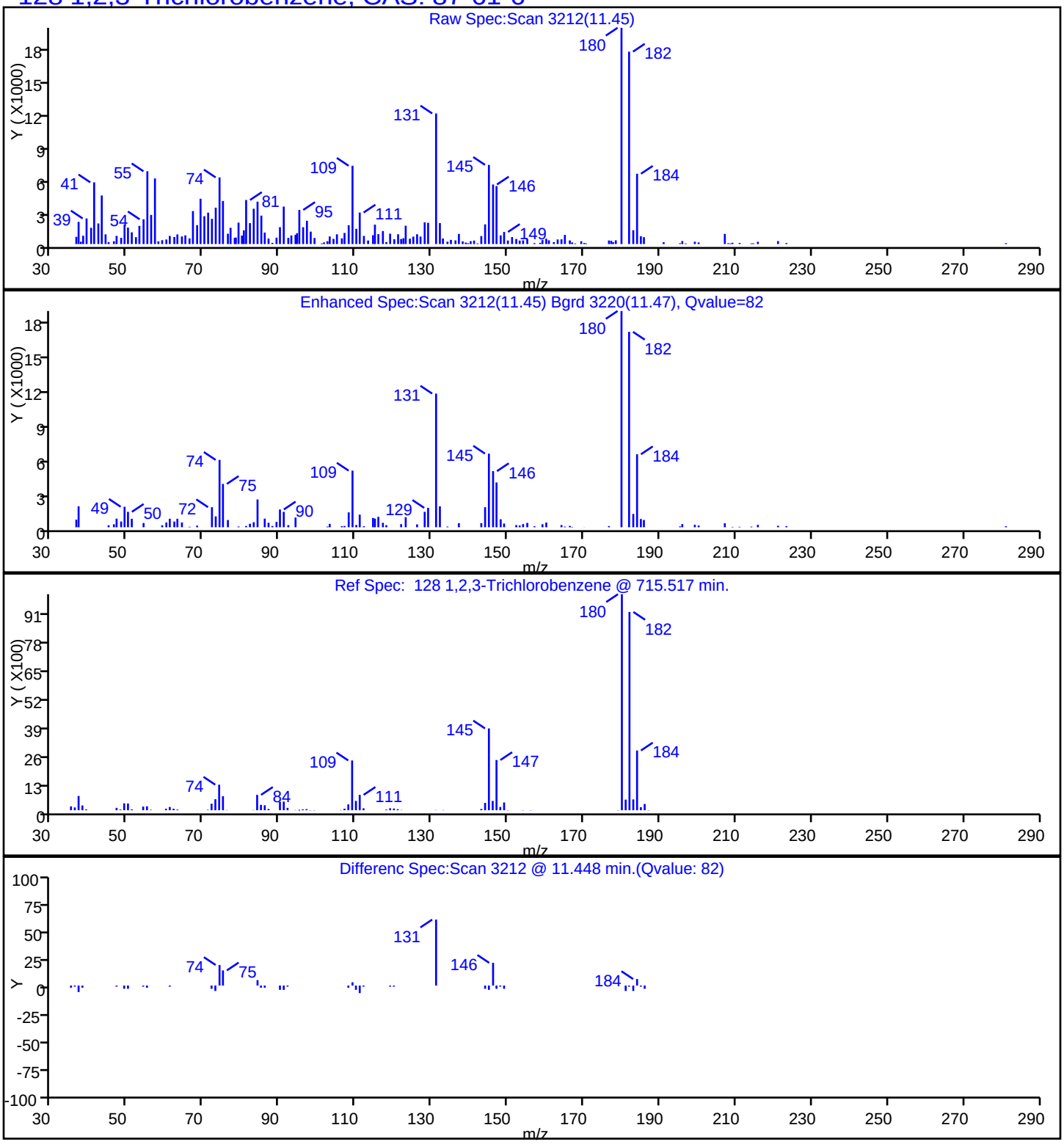
Report Date: 15-Mar-2014 13:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367300.D

Injection Date:	13-Mar-2014 13:51:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-18-A	Lab Sample ID:	460-72174-18		
Client ID:	PMP-2SW-SI				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



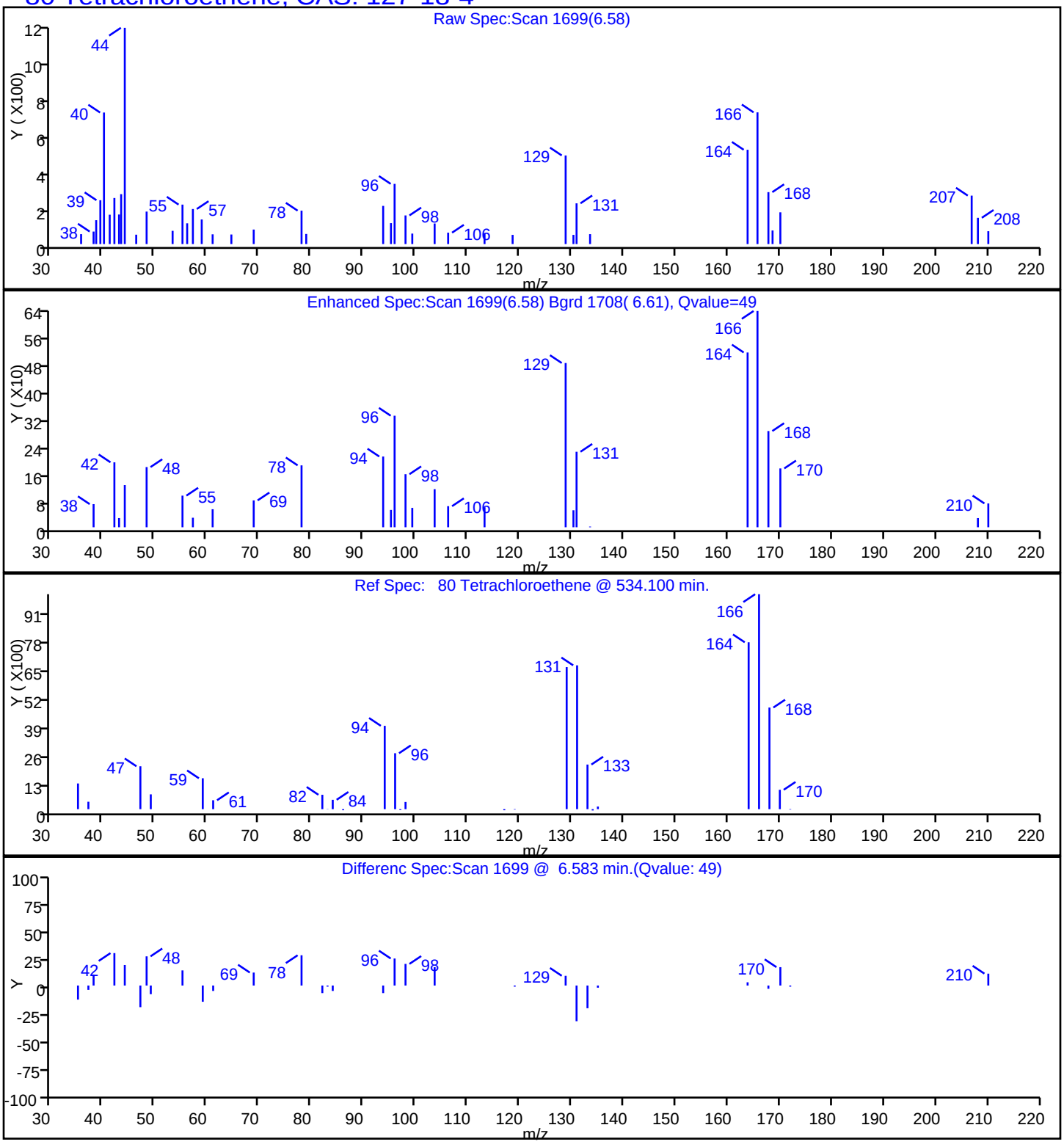
Report Date: 15-Mar-2014 13:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367300.D

Injection Date:	13-Mar-2014 13:51:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-18-A	Lab Sample ID:	460-72174-18		
Client ID:	PMP-2SW-SI				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

80 Tetrachloroethene, CAS: 127-18-4



Manual Integration/User Assign Peak Report

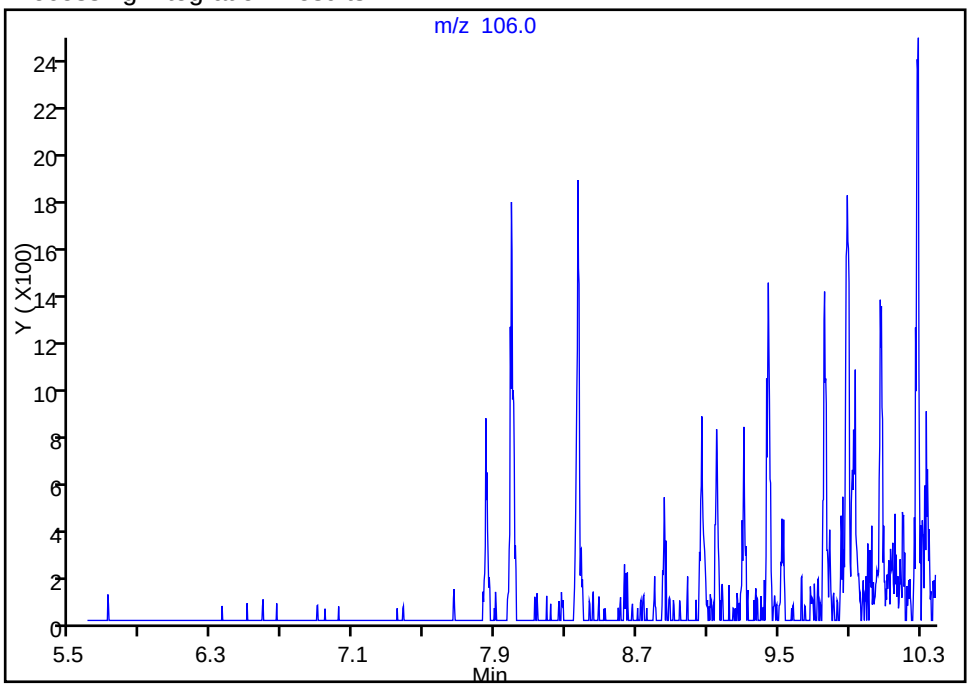
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367300.D				
Injection Date:	13-Mar-2014 13:51:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-18-A	Lab Sample ID:	460-72174-18		
Client ID:	PMP-2SW-SI				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

91 m-Xylene & p-Xylene, CAS: 179601-23-1

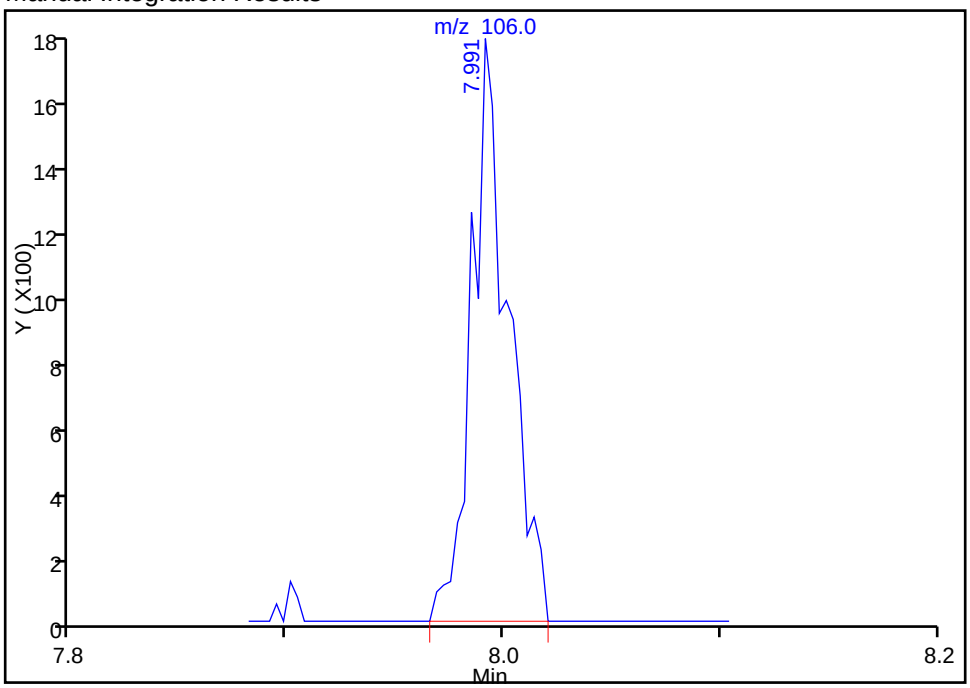
Not Detected
Expected RT: 7.99

Processing Integration Results



Manual Integration Results

RT: 7.99
Response: 2116
Amount: 0.343887



Reviewer: baronm, 15-Mar-2014 13:05:03
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Report Date: 15-Mar-2014 13:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367300.D

Injection Date: 13-Mar-2014 13:51:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-18-A Lab Sample ID: 460-72174-18

Client ID: PMP-2SW-SI

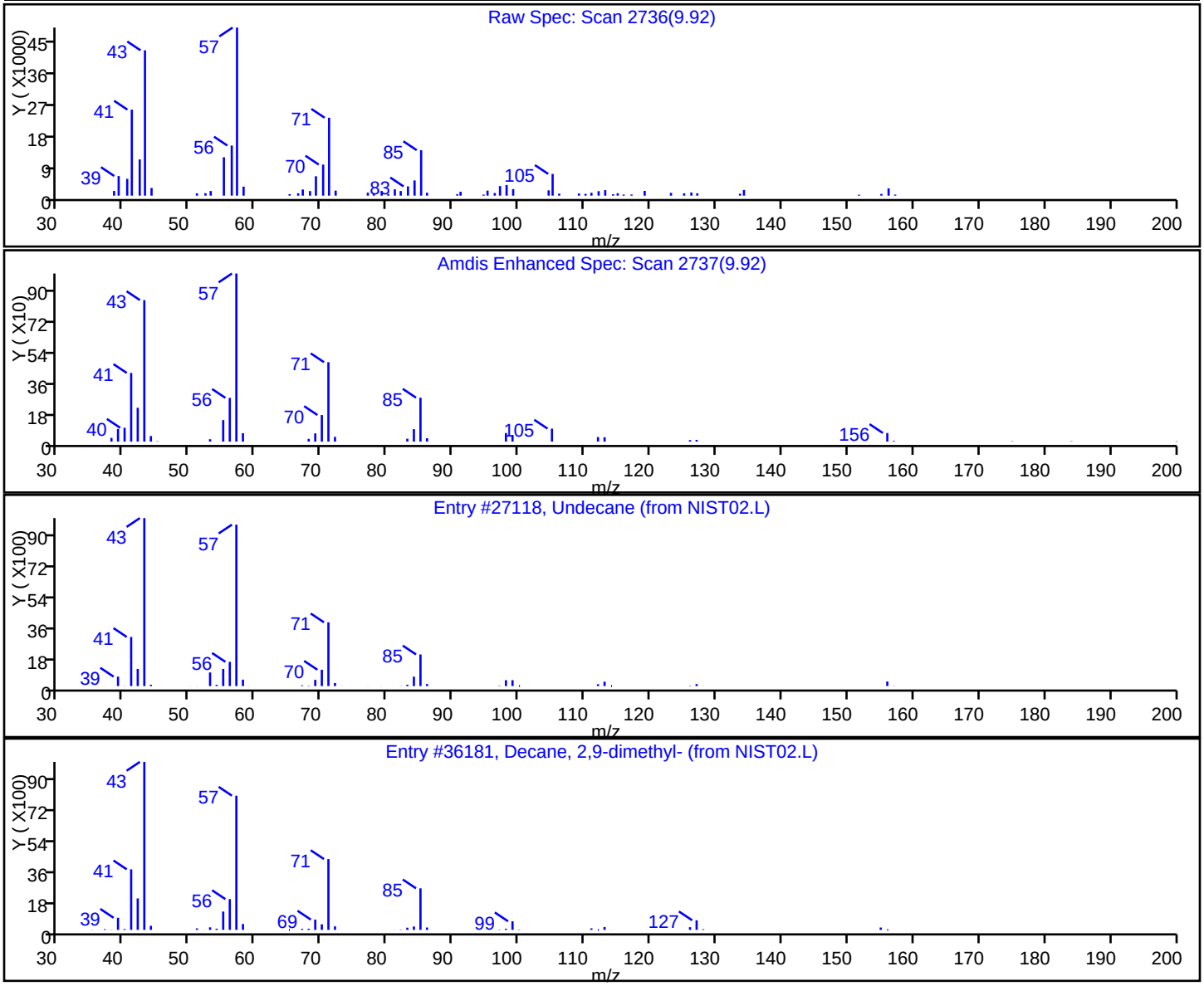
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Undecane	1120-21-4	NIST02.L	27118	C11H24	156	80
Decane, 2,9-dimethyl-	1002-17-1	NIST02.L	36181	C12H26	170	72



Report Date: 15-Mar-2014 13:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367300.D

Injection Date: 13-Mar-2014 13:51:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-18-A Lab Sample ID: 460-72174-18

Client ID: PMP-2SW-SI

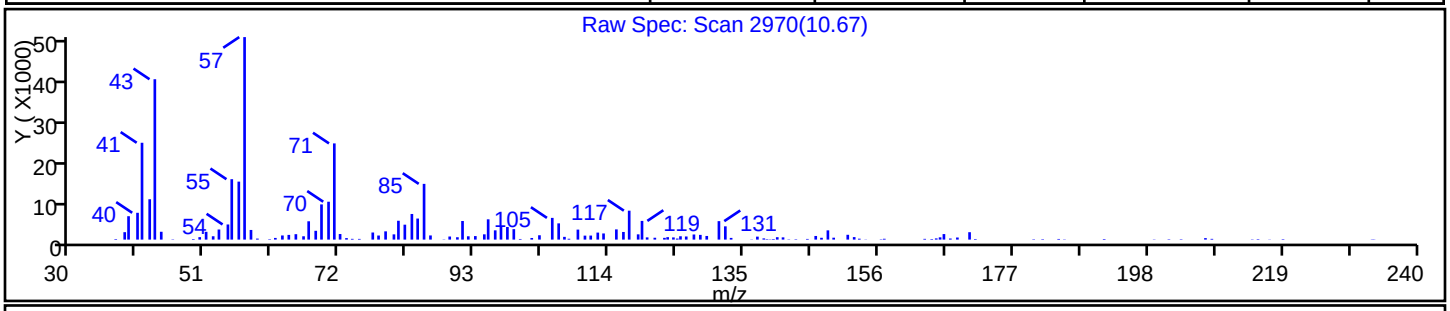
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20

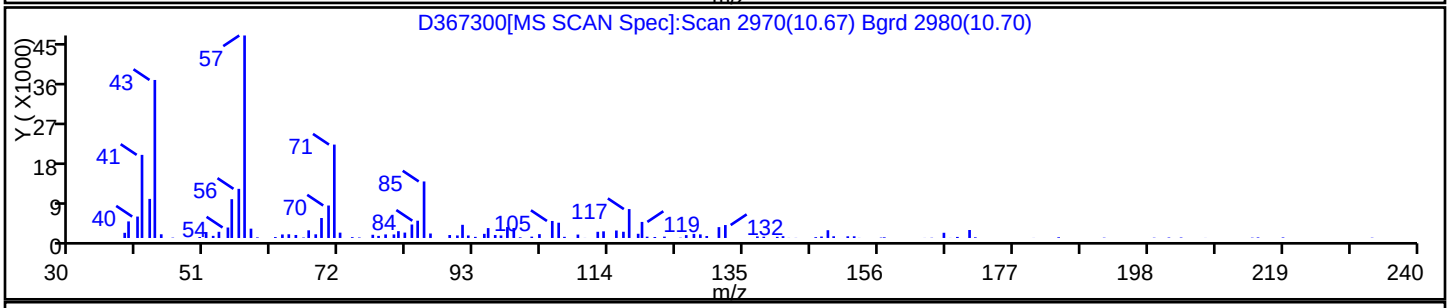
Purge Vol: 5.000 mL Dil. Factor: 1.0000

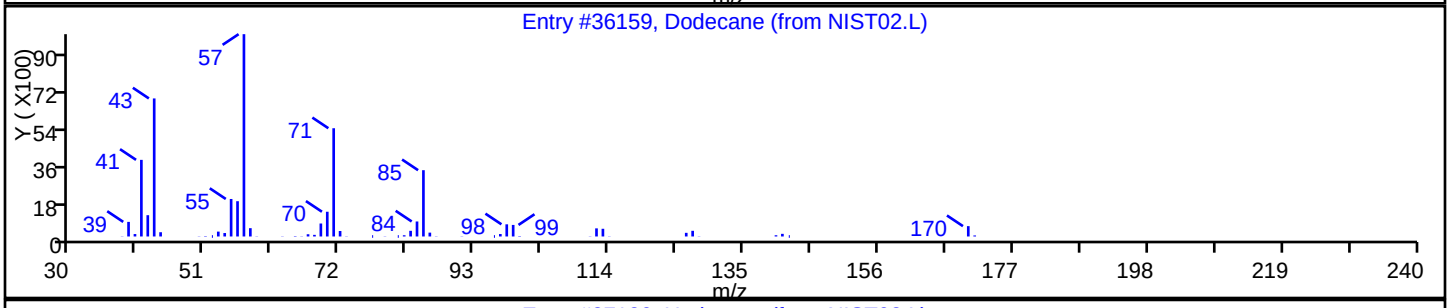
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

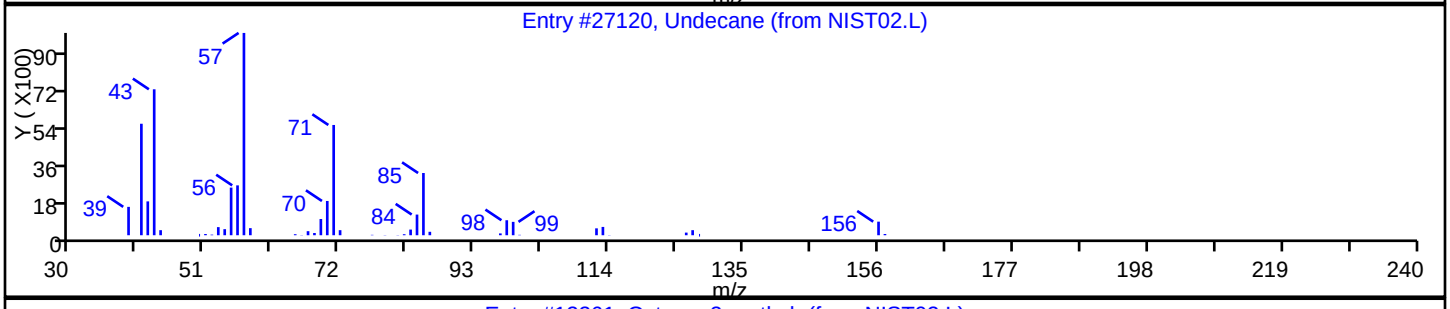
Column: Detector MS SCAN

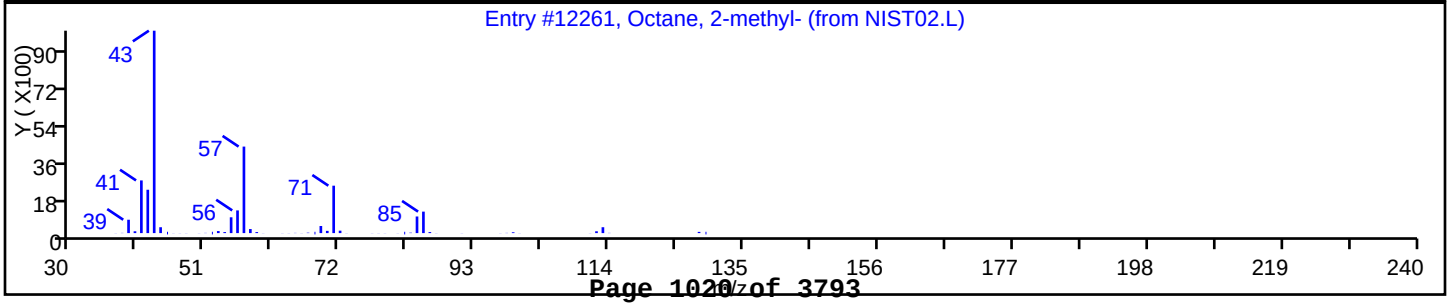
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane	112-40-3	NIST02.L	36159	C12H26	170	60
Undecane	1120-21-4	NIST02.L	27120	C11H24	156	58
Octane, 2-methyl-	3221-61-2	NIST02.L	12261	C9H20	128	52











Report Date: 15-Mar-2014 13:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367300.D

Injection Date: 13-Mar-2014 13:51:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-18-A Lab Sample ID: 460-72174-18

Client ID: PMP-2SW-SI

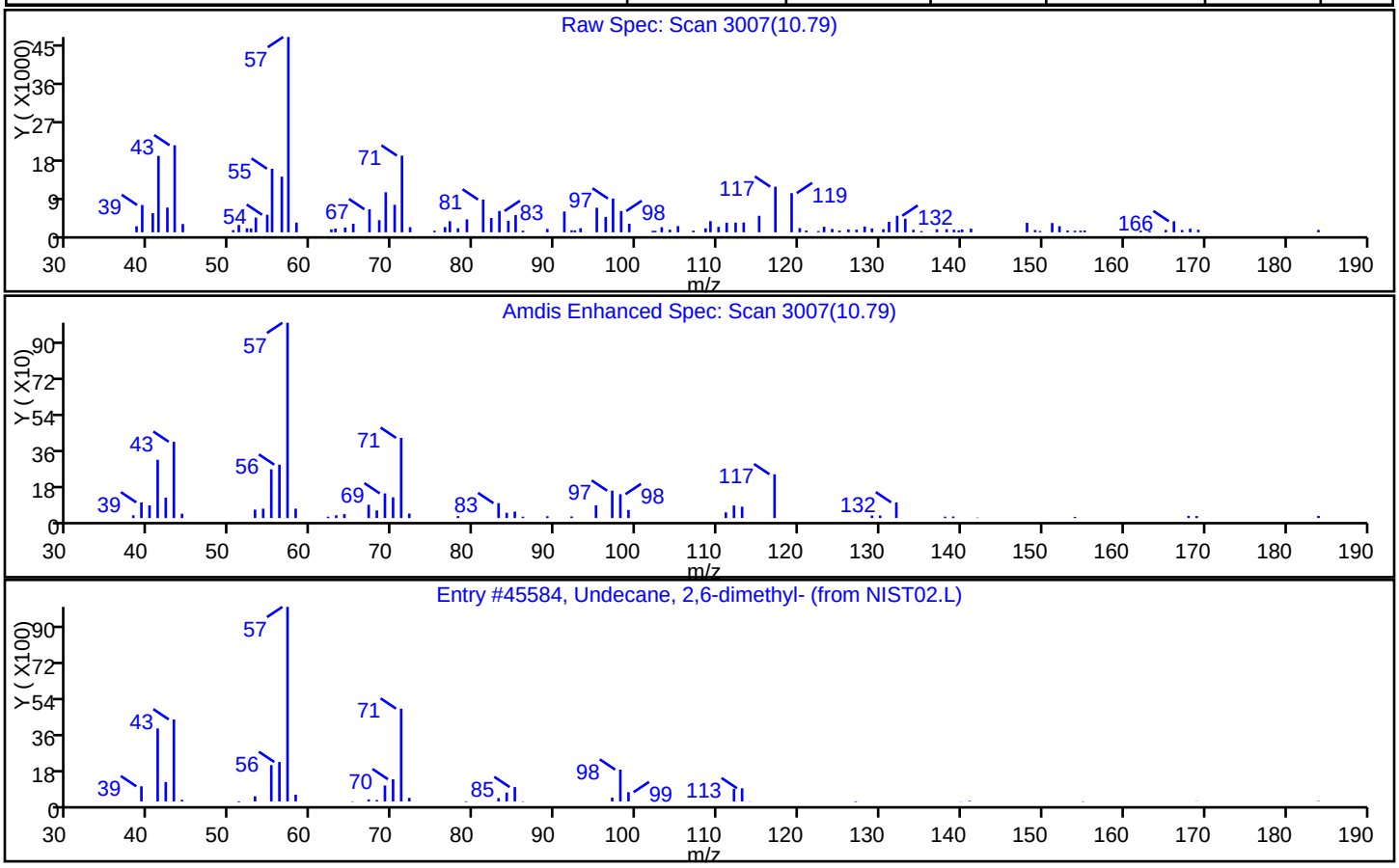
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.L	45584	C13H28	184	70



Report Date: 15-Mar-2014 13:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367300.D

Injection Date: 13-Mar-2014 13:51:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-18-A Lab Sample ID: 460-72174-18

Client ID: PMP-2SW-SI

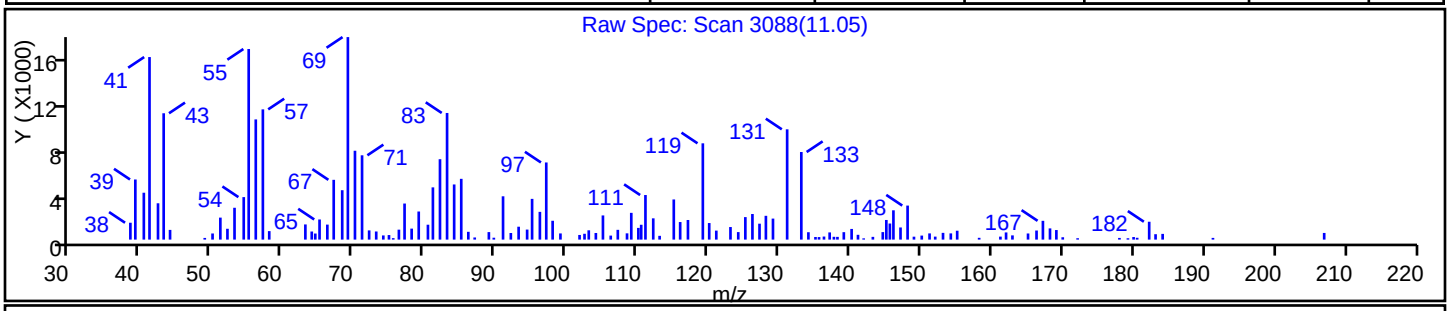
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20

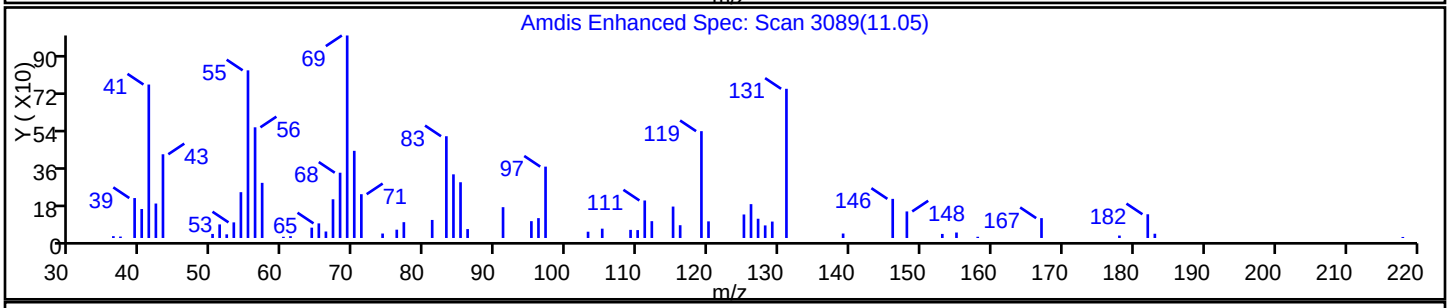
Purge Vol: 5.000 mL Dil. Factor: 1.0000

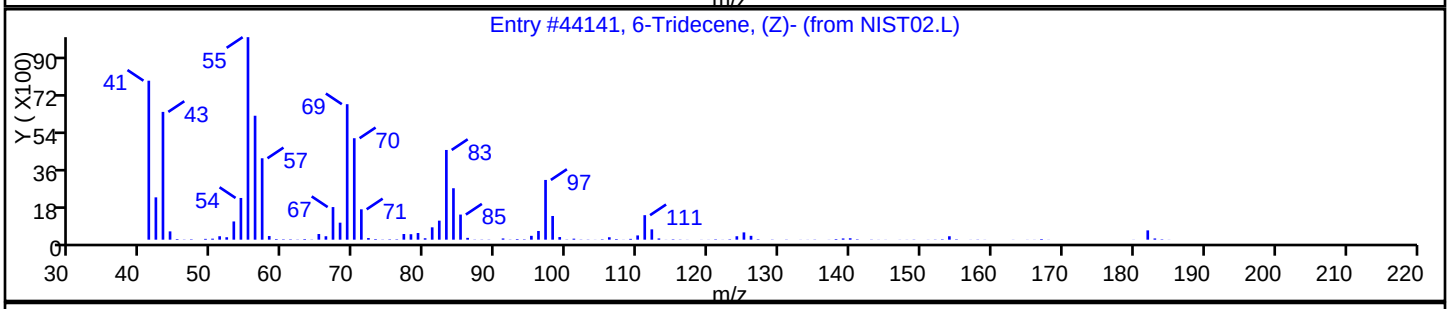
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

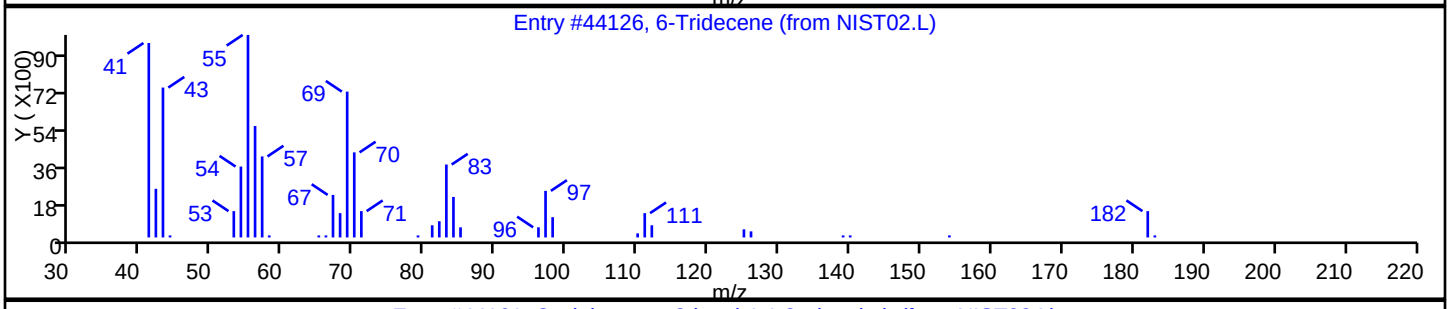
Column: Detector MS SCAN

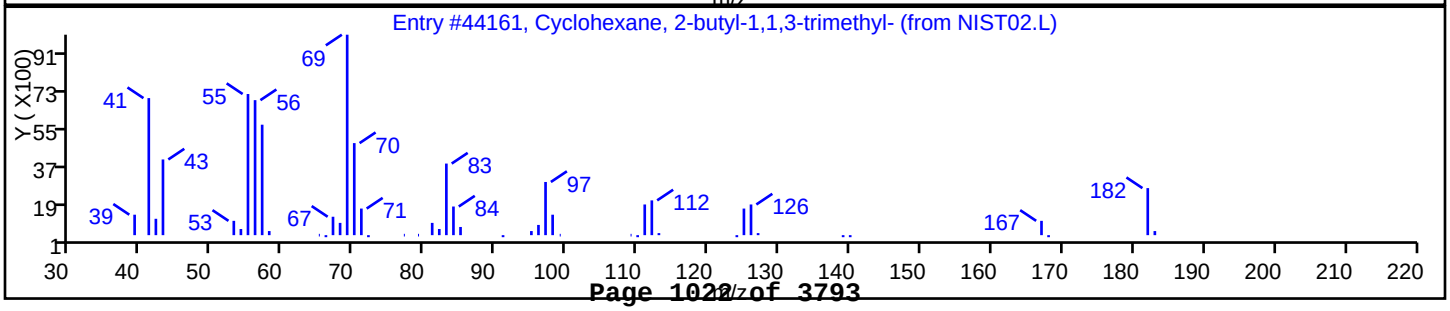
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
6-Tridecene, (Z)-	6508-77-6	NIST02.L	44141	C13H26	182	81
6-Tridecene	24949-38-0	NIST02.L	44126	C13H26	182	80
Cyclohexane, 2-butyl-1,1,3-trimethyl-	54676-39-0	NIST02.L	44161	C13H26	182	70











Report Date: 15-Mar-2014 13:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367300.D

Injection Date: 13-Mar-2014 13:51:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-18-A Lab Sample ID: 460-72174-18

Client ID: PMP-2SW-SI

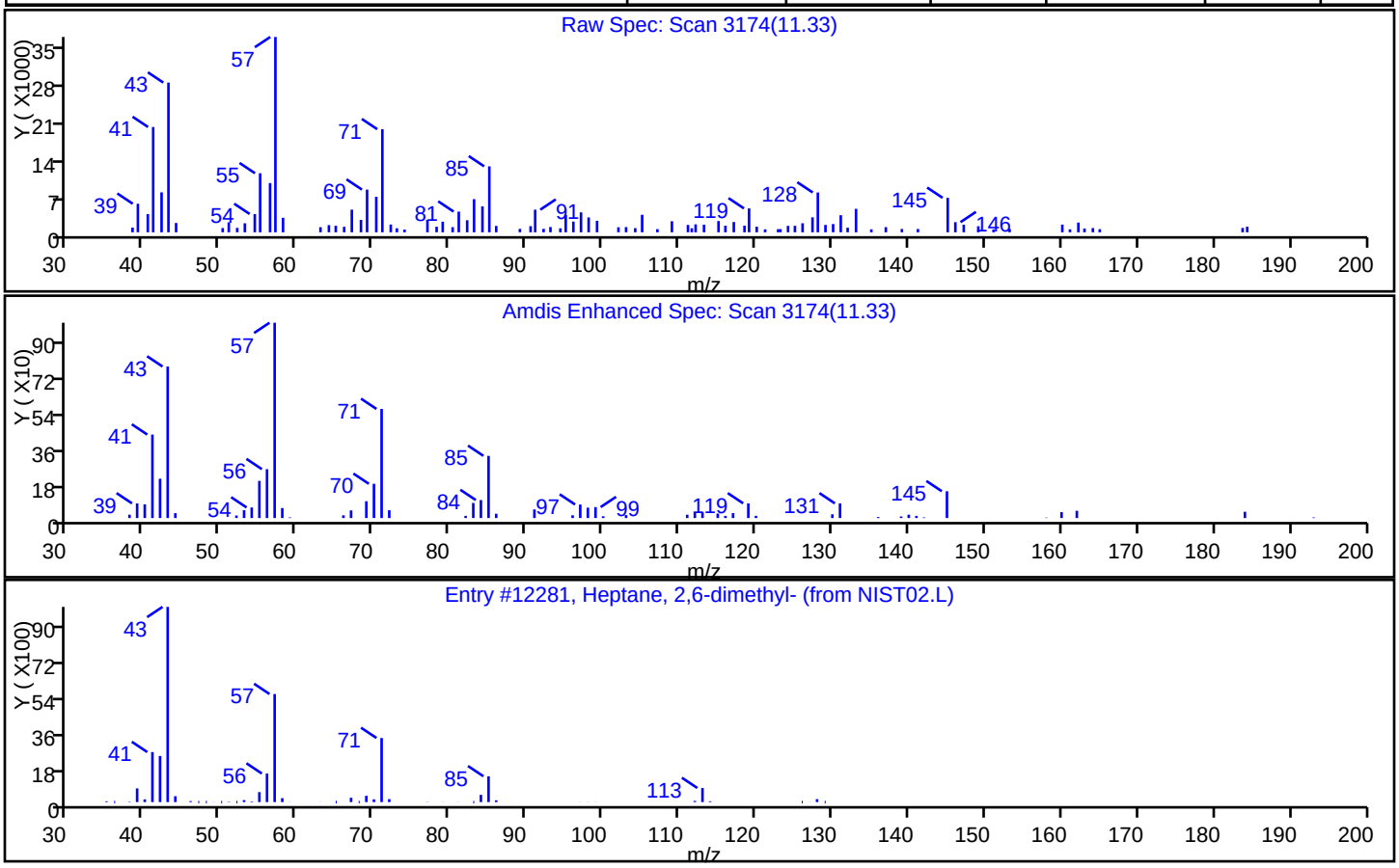
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptane, 2,6-dimethyl-	1072-05-5	NIST02.L	12281	C9H20	128	80



Report Date: 15-Mar-2014 13:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367300.D

Injection Date: 13-Mar-2014 13:51:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-18-A Lab Sample ID: 460-72174-18

Client ID: PMP-2SW-SI

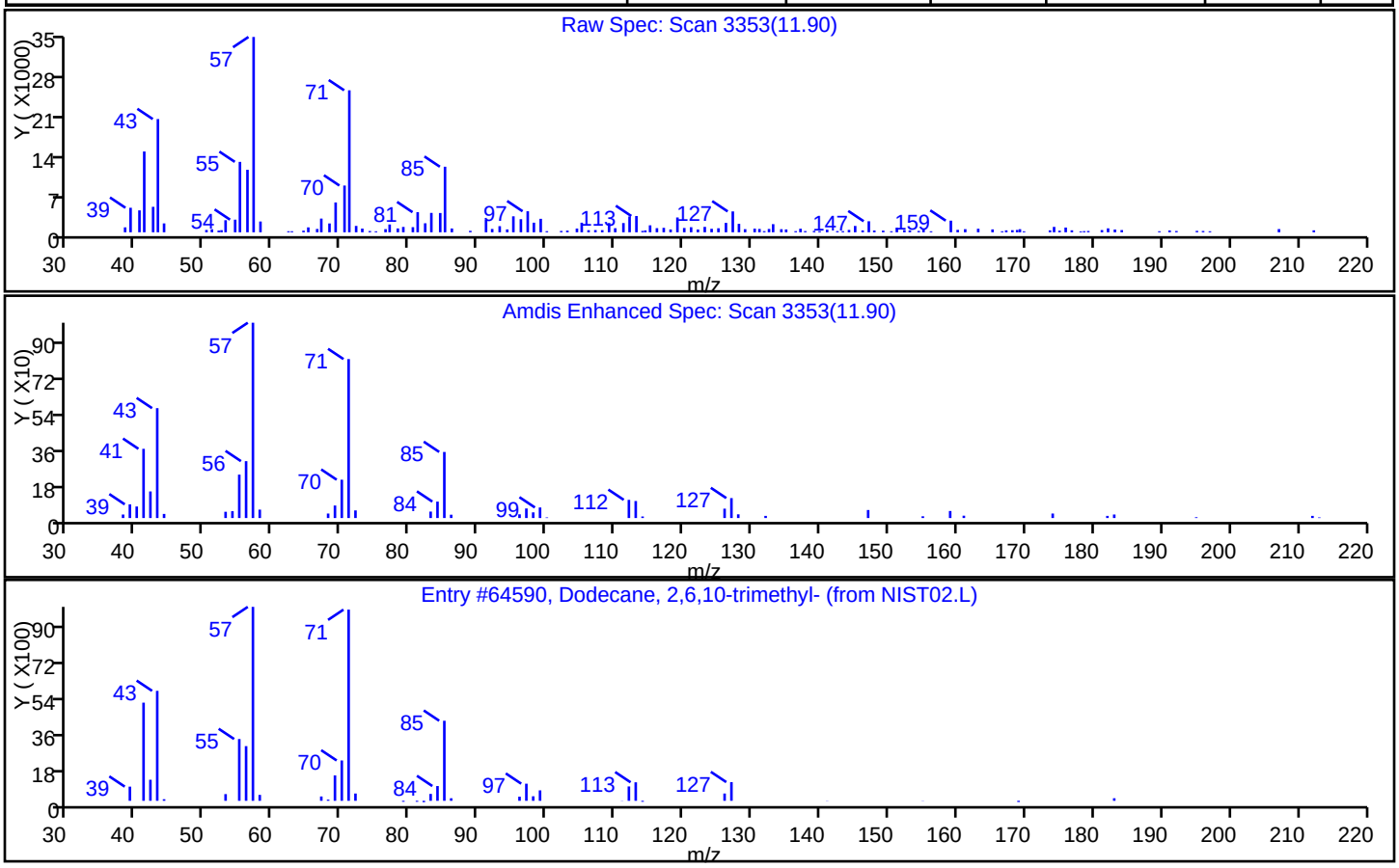
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	C15H32	212	78



Report Date: 15-Mar-2014 13:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367300.D

Injection Date: 13-Mar-2014 13:51:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-18-A Lab Sample ID: 460-72174-18

Client ID: PMP-2SW-SI

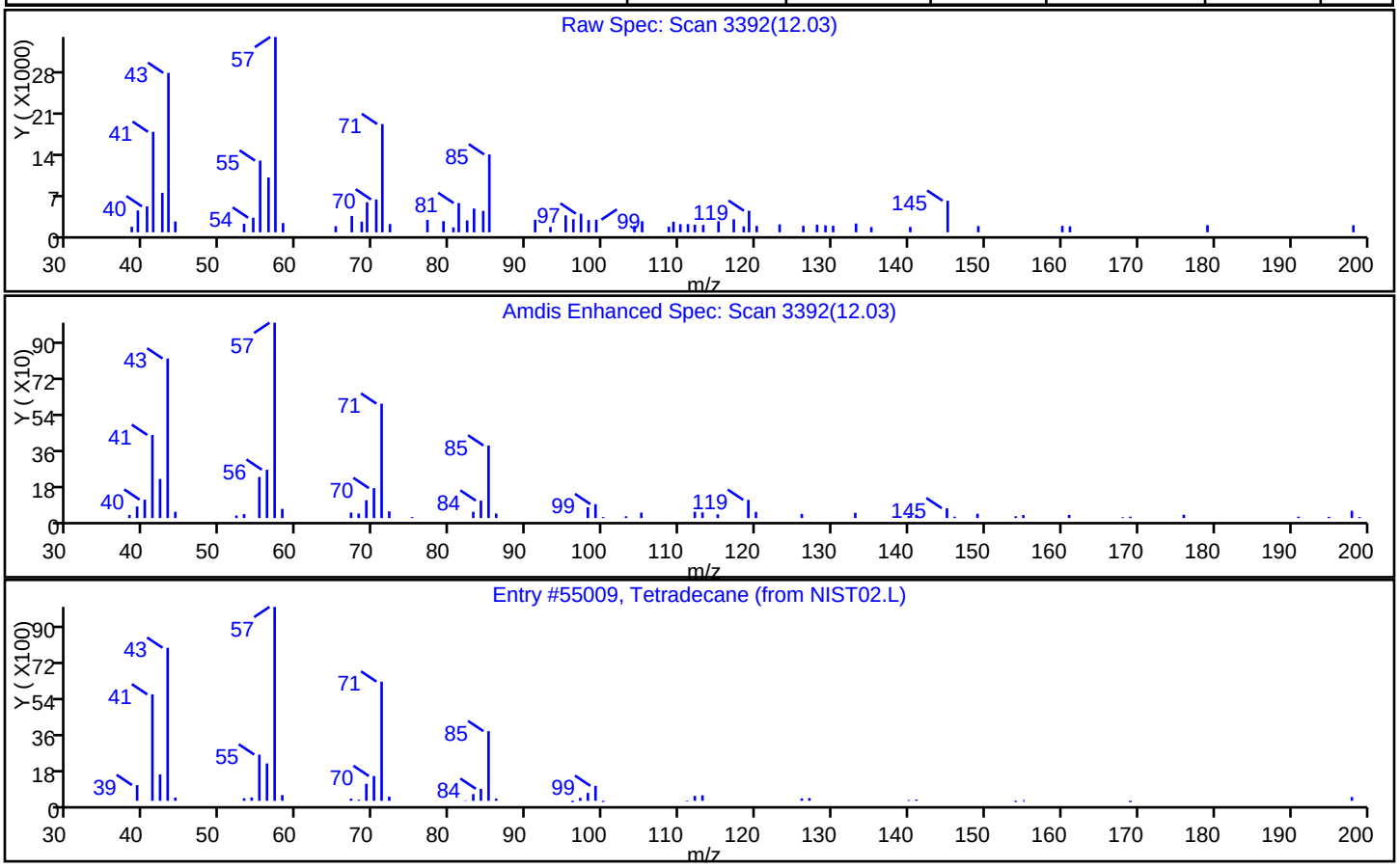
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetradecane	629-59-4	NIST02.L	55009	C14H30	198	95



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Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367300.D

Injection Date: 13-Mar-2014 13:51:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-18-A Lab Sample ID: 460-72174-18

Client ID: PMP-2SW-SI

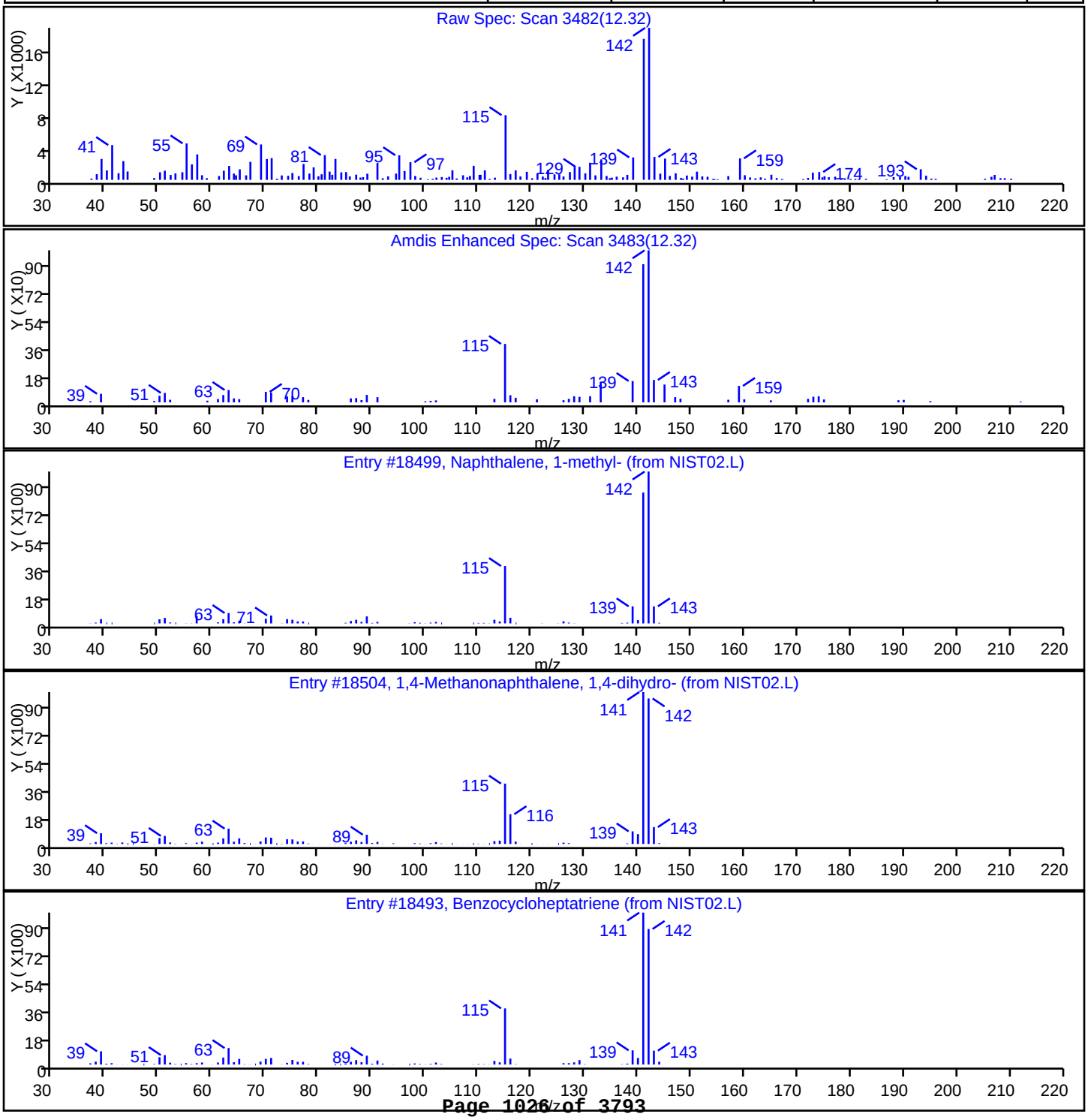
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	C11H10	142	94
1,4-Methanonaphthalene, 1,4-dihydro-	4453-90-1	NIST02.L	18504	C11H10	142	91
Benzocycloheptatriene	264-09-5	NIST02.L	18493	C11H10	142	87



Report Date: 15-Mar-2014 13:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Injection Date: 13-Mar-2014 13:51:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-18-A Lab Sample ID: 460-72174-18

Client ID: PMP-2SW-SI

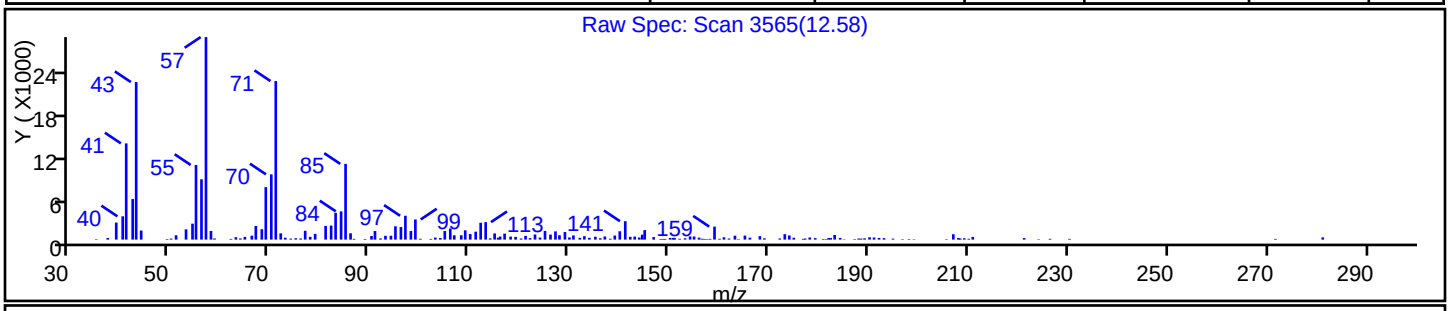
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20

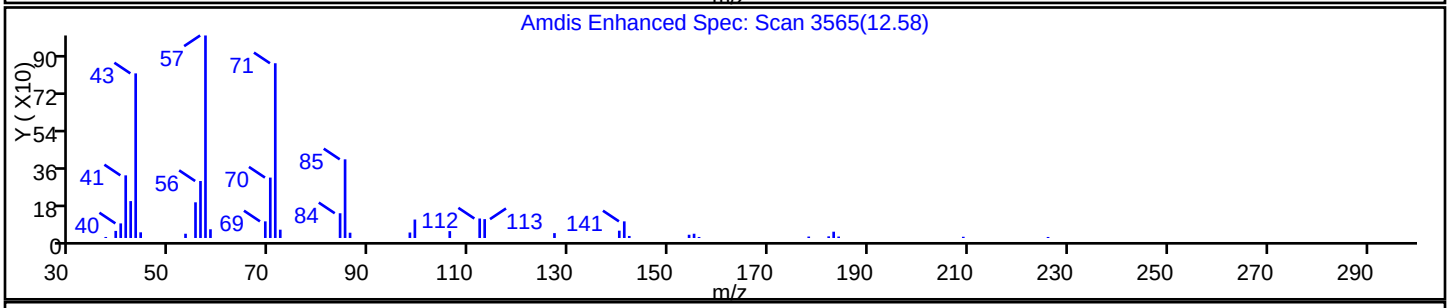
Purge Vol: 5.000 mL Dil. Factor: 1.0000

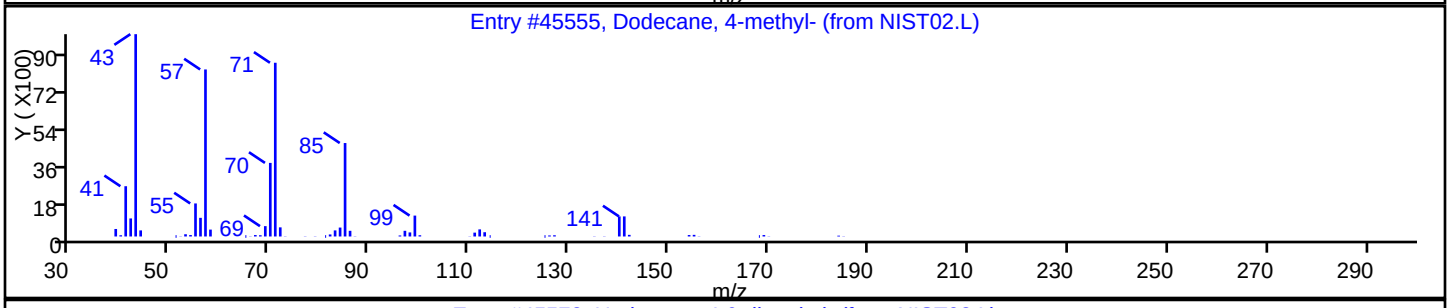
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

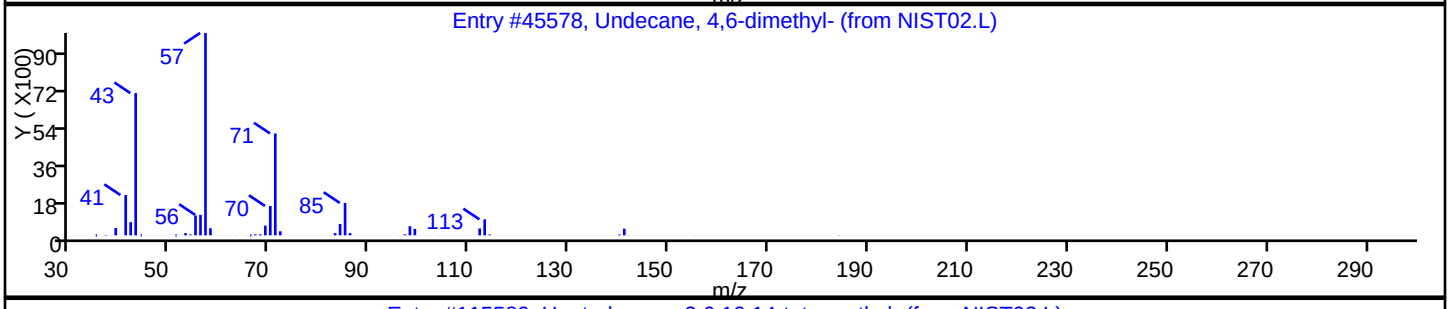
Column: Detector MS SCAN

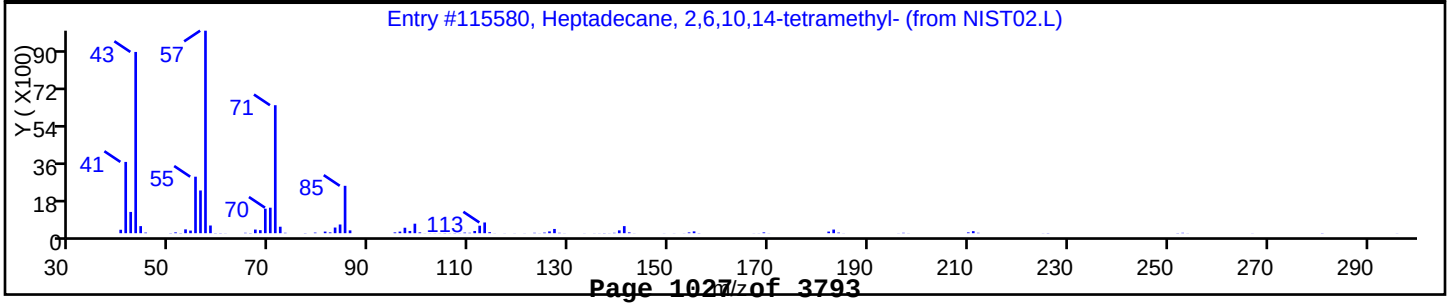
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 4-methyl-	6117-97-1	NIST02.L	45555	C13H28	184	87
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.L	45578	C13H28	184	81
Heptadecane, 2,6,10,14-tetramethyl-	18344-37-1	NIST02.L	115580	C21H44	296	80











Report Date: 15-Mar-2014 13:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367300.D

Injection Date: 13-Mar-2014 13:51:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-18-A Lab Sample ID: 460-72174-18

Client ID: PMP-2SW-SI

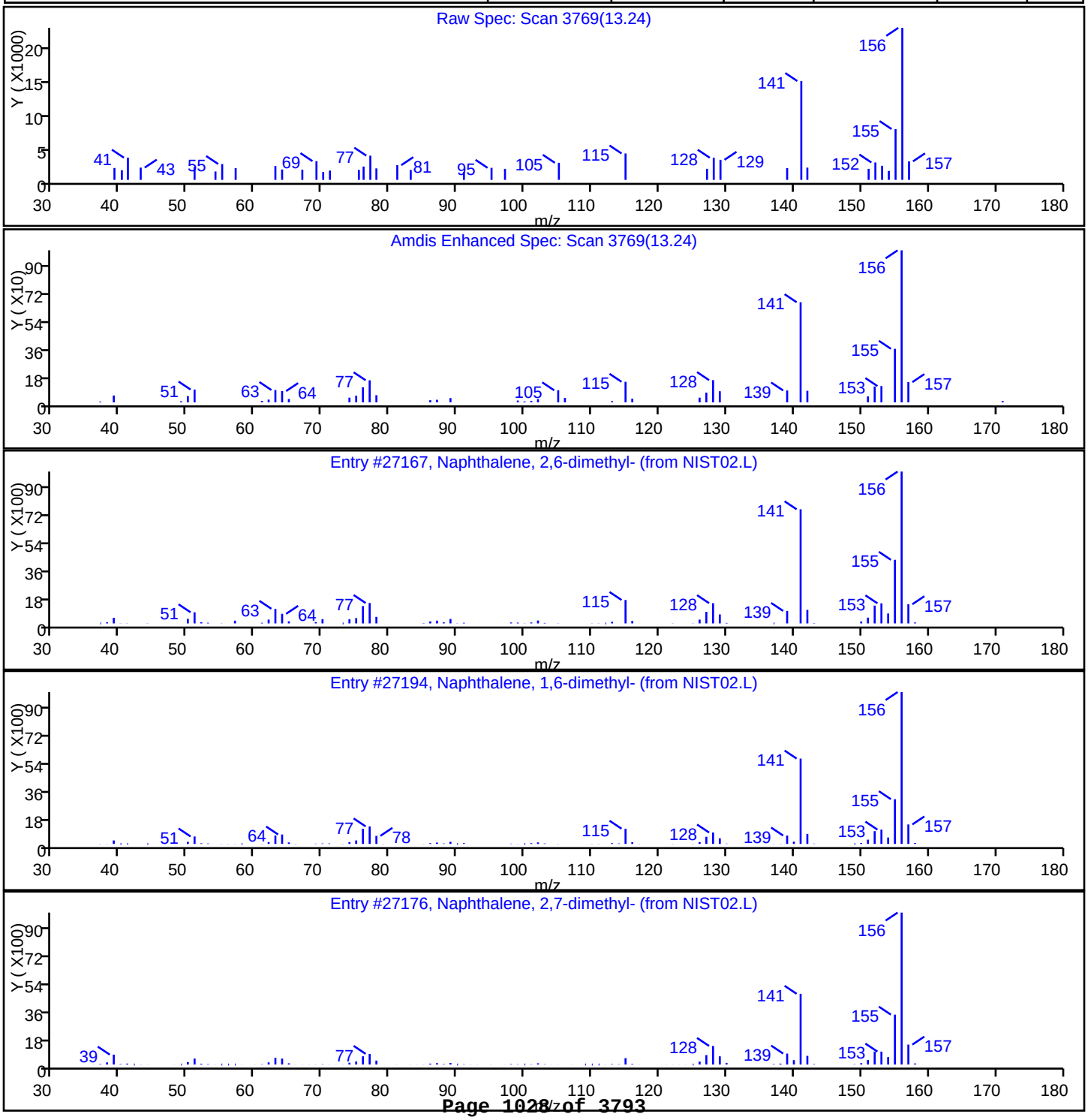
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2,6-dimethyl-	581-42-0	NIST02.L	27167	C12H12	156	98
Naphthalene, 1,6-dimethyl-	575-43-9	NIST02.L	27194	C12H12	156	97
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.L	27176	C12H12	156	97



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-VS | Lab Sample ID: 460-72174-19

Matrix: Solid | Lab File ID: D367301.D

Analysis Method: 8260B | Date Collected: 03/06/2014 12:25

Sample wt/vol: 6.953(g) | Date Analyzed: 03/13/2014 14:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.6 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.12	U	0.77	0.12
74-83-9	Bromomethane	0.33	U	0.77	0.33
75-01-4	Vinyl chloride	0.26	U	0.77	0.26
75-00-3	Chloroethane	0.25	U	0.77	0.25
75-09-2	Methylene Chloride	0.12	U	0.77	0.12
67-64-1	Acetone	1.3	U	3.8	1.3
75-15-0	Carbon disulfide	0.12	U	0.77	0.12
75-69-4	Trichlorofluoromethane	0.12	U	0.77	0.12
75-35-4	1,1-Dichloroethene	0.15	U	0.77	0.15
75-34-3	1,1-Dichloroethane	0.085	U	0.77	0.085
156-60-5	trans-1,2-Dichloroethene	0.10	U	0.77	0.10
156-59-2	cis-1,2-Dichloroethene	4.8		0.77	0.085
67-66-3	Chloroform	6.4		0.77	0.18
78-93-3	2-Butanone	0.48	U	3.8	0.48
107-06-2	1,2-Dichloroethane	0.14	U	0.77	0.14
71-55-6	1,1,1-Trichloroethane	0.10	U	0.77	0.10
56-23-5	Carbon tetrachloride	0.12	U	0.77	0.12
71-43-2	Benzene	0.12	U	0.77	0.12
75-25-2	Bromoform	0.13	U	0.77	0.13
100-42-5	Styrene	0.22	U	0.77	0.22
100-41-4	Ethylbenzene	0.84		0.77	0.13
108-90-7	Chlorobenzene	1.4		0.77	0.14
110-82-7	Cyclohexane	0.10	U	0.77	0.10
98-82-8	Isopropylbenzene	0.085	U	0.77	0.085
591-78-6	2-Hexanone	0.10	U	3.8	0.10
1634-04-4	MTBE	0.085	U	0.77	0.085
76-13-1	Freon TF	0.085	U	0.77	0.085
79-20-9	Methyl acetate	0.25	U	3.8	0.25
123-91-1	1,4-Dioxane	9.8	U	15	9.8
79-01-6	Trichloroethene	36		0.77	0.092
108-88-3	Toluene	0.66	J	0.77	0.11
10061-02-6	trans-1,3-Dichloropropene	0.077	U	0.77	0.077
108-10-1	4-Methyl-2-pentanone	0.15	U	3.8	0.15
10061-01-5	cis-1,3-Dichloropropene	0.11	U	0.77	0.11
95-50-1	1,2-Dichlorobenzene	2.0		0.77	0.077
541-73-1	1,3-Dichlorobenzene	0.12	U	0.77	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-VS | Lab Sample ID: 460-72174-19

Matrix: Solid | Lab File ID: D367301.D

Analysis Method: 8260B | Date Collected: 03/06/2014 12:25

Sample wt/vol: 6.953(g) | Date Analyzed: 03/13/2014 14:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.6 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.40	J	0.77	0.085
120-82-1	1,2,4-Trichlorobenzene	6.4		0.77	0.15
87-61-6	1,2,3-Trichlorobenzene	1.7		0.77	0.12
78-87-5	1,2-Dichloropropane	0.12	U	0.77	0.12
108-87-2	Methylcyclohexane	0.077	U	0.77	0.077
127-18-4	Tetrachloroethene	1.0		0.77	0.092
1330-20-7	Xylenes, Total	1.2	J	1.5	0.52
96-12-8	1,2-Dibromo-3-Chloropropane	0.34	U	0.77	0.34
79-34-5	1,1,2,2-Tetrachloroethane	0.069	U	0.77	0.069
79-00-5	1,1,2-Trichloroethane	0.11	U	0.77	0.11
124-48-1	Dibromochloromethane	0.077	U	0.77	0.077
106-93-4	1,2-Dibromoethane	0.12	U	0.77	0.12
75-71-8	Dichlorodifluoromethane	0.17	U	0.77	0.17
74-97-5	Bromochloromethane	0.085	U	0.77	0.085
75-27-4	Bromodichloromethane	0.25	U	0.77	0.25

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	Bromofluorobenzene	94		70-130
1868-53-7	Dibromofluoromethane (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-VS Lab Sample ID: 460-72174-19

Matrix: Solid Lab File ID: D367301.D

Analysis Method: 8260B Date Collected: 03/06/2014 12:25

Sample wt/vol: 6.953(g) Date Analyzed: 03/13/2014 14:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.6 Level: (low/med) Low

Analysis Batch No.: 212326 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Report Date: 15-Mar-2014 13:28:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367301.D
Lims ID: 460-72174-B-19-A Lab Sample ID: 460-72174-19
Client ID: PMP-24SW-VS
Sample Type: Client
Inject. Date: 13-Mar-2014 14:14:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-19-A
Misc. Info.: 460-0010815-021
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 13:27:34 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: starzecm Date: 13-Mar-2014 19:17:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.625	2.628	-0.003	67	169582	1000.0	
42 cis-1,2-Dichloroethene	96	3.323	3.326	-0.003	85	23438	6.22	
47 Chloroform	83	3.548	3.554	-0.006	83	46359	8.30	
$ 152 Dibromofluoromethane (Surr)	113	3.699	3.702	-0.003	90	100836	47.4	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.149	4.152	-0.003	96	96000	51.8	
* 59 Fluorobenzene	96	4.403	4.409	-0.006	88	483858	50.0	
61 Trichloroethene	95	4.567	4.567	0.0	82	158790	47.3	
* 150 1,4-Dioxane-d8	96	5.380	5.377	0.003	1	10352	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.072	6.072	0.0	89	449604	45.4	
77 Toluene	91	6.139	6.133	0.006	82	12533	0.8572	
80 Tetrachloroethene	166	6.583	6.577	0.006	72	4256	1.30	
* 87 Chlorobenzene-d5	117	7.776	7.776	0.0	87	286889	50.0	
88 Chlorobenzene	112	7.789	7.792	-0.003	44	14841	1.88	
89 Ethylbenzene	106	7.843	7.847	-0.004	94	5434	1.09	M
92 o-Xylene	106	8.364	8.367	-0.003	88	8568	1.50	
$ 99 4-Bromofluorobenzene	174	8.859	8.853	0.006	75	99468	47.2	
* 116 1,4-Dichlorobenzene-d4	152	9.721	9.721	0.0	88	143337	50.0	
117 1,4-Dichlorobenzene	146	9.734	9.731	0.003	27	3279	0.5157	
121 1,2-Dichlorobenzene	146	10.036	10.036	0.0	79	14023	2.55	
124 1,2,4-Trichlorobenzene	180	11.088	11.091	-0.003	82	34096	8.28	
128 1,2,3-Trichlorobenzene	180	11.448	11.448	0.0	75	7829	2.26	
S 131 Xylenes, Total	100				0		1.50	

QC Flag Legend

Review Flags
M - Manually Integrated

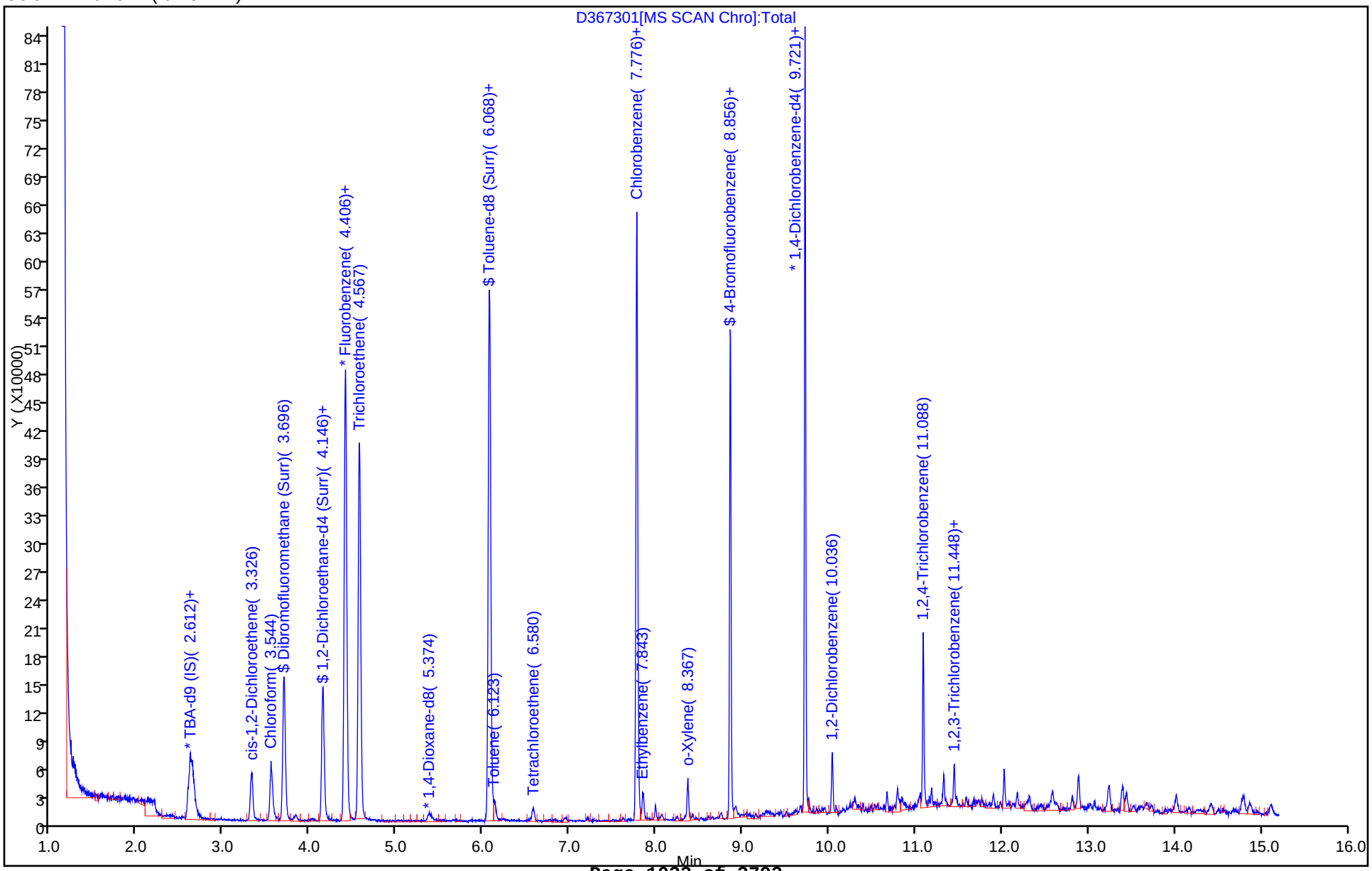
Report Date: 15-Mar-2014 13:28:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367301.D

Injection Date:	13-Mar-2014 14:14:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-B-19-A	Lab Sample ID:	460-72174-19	Worklist Smp#:	21
Client ID:	PMP-24SW-VS				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



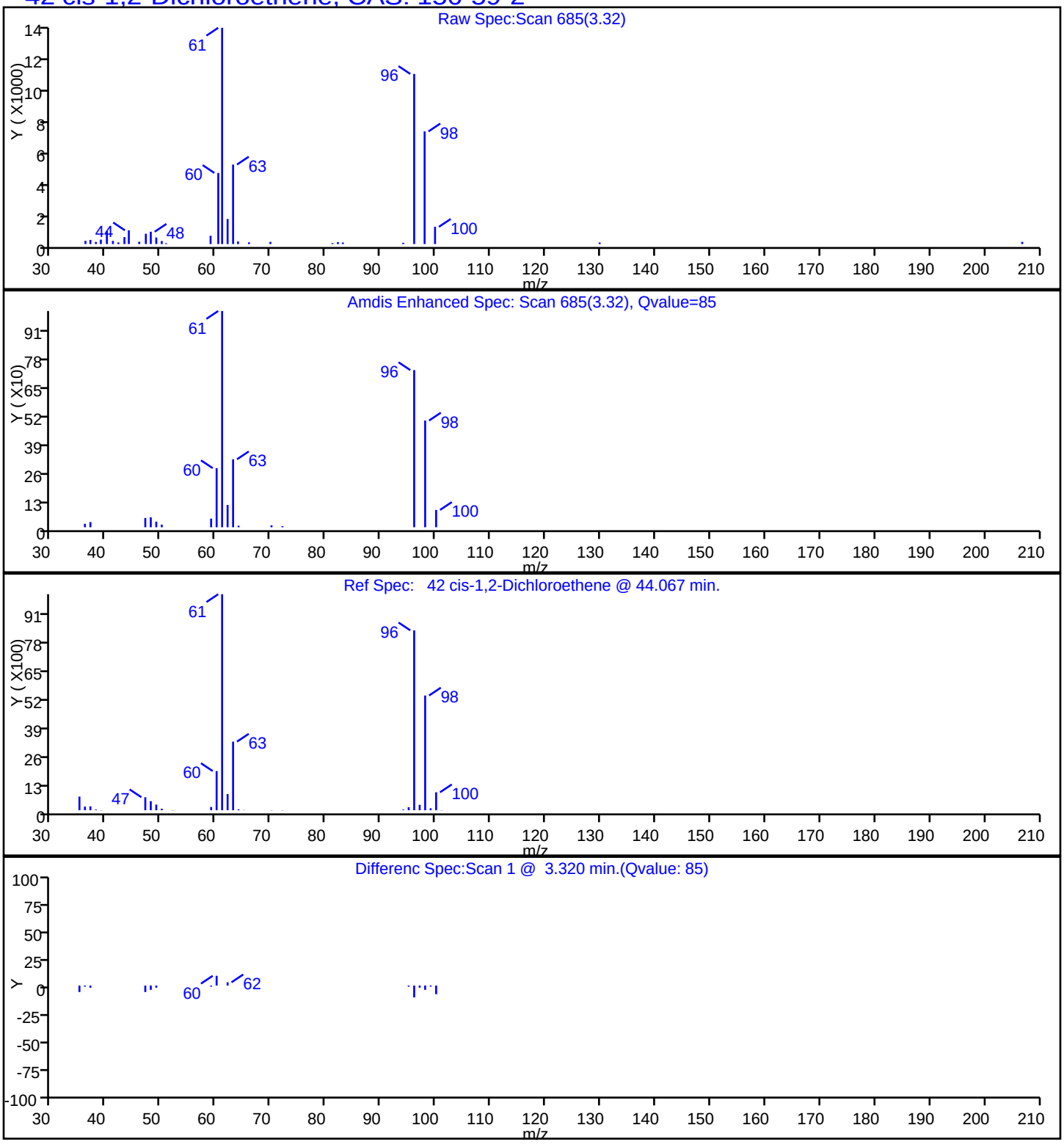
Report Date: 15-Mar-2014 13:28:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367301.D

Injection Date:	13-Mar-2014 14:14:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-19-A	Lab Sample ID:	460-72174-19		
Client ID:	PMP-24SW-VS				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

42 cis-1,2-Dichloroethene, CAS: 156-59-2



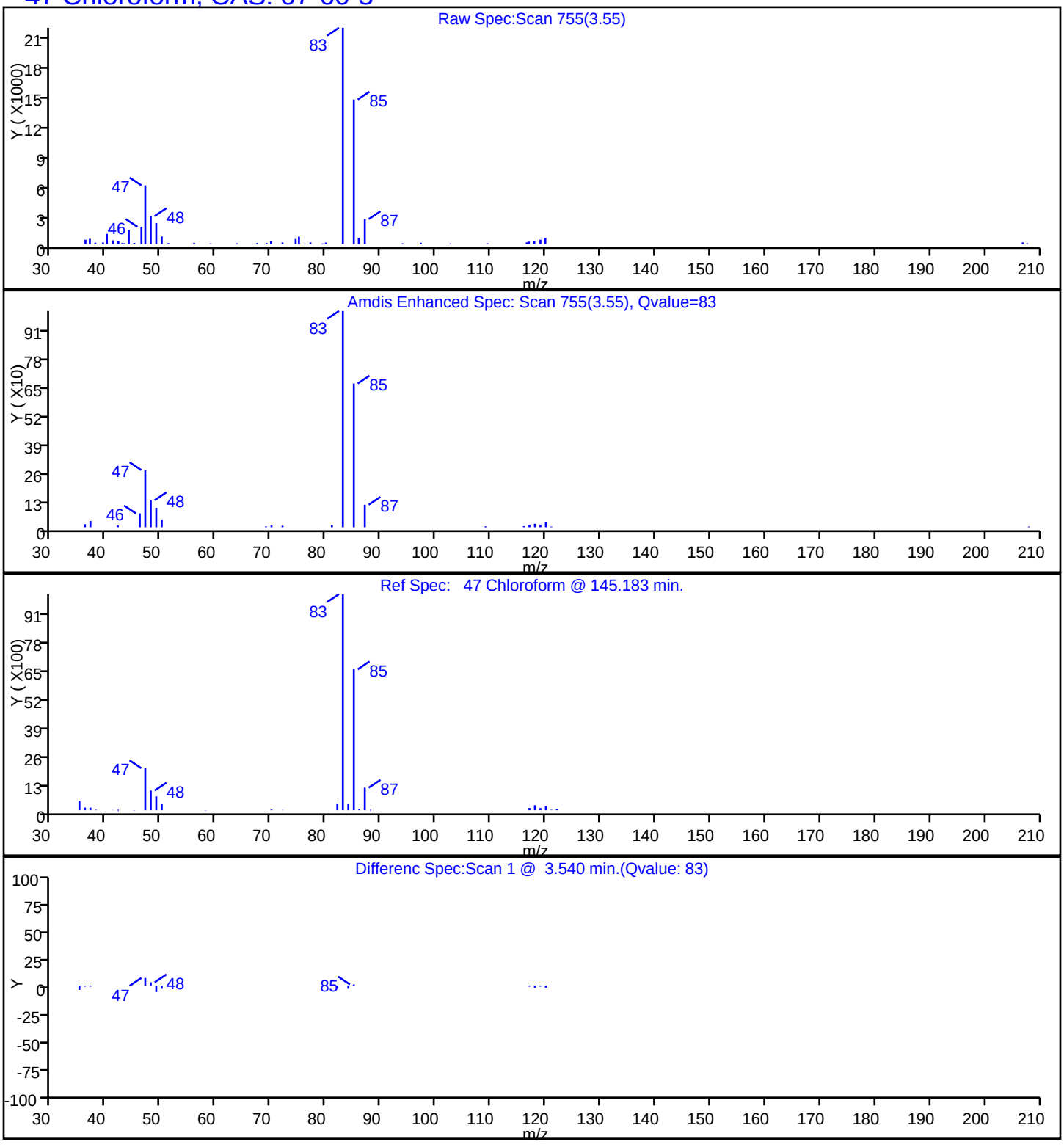
Report Date: 15-Mar-2014 13:28:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367301.D

Injection Date:	13-Mar-2014 14:14:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-19-A	Lab Sample ID:	460-72174-19		
Client ID:	PMP-24SW-VS				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

47 Chloroform, CAS: 67-66-3



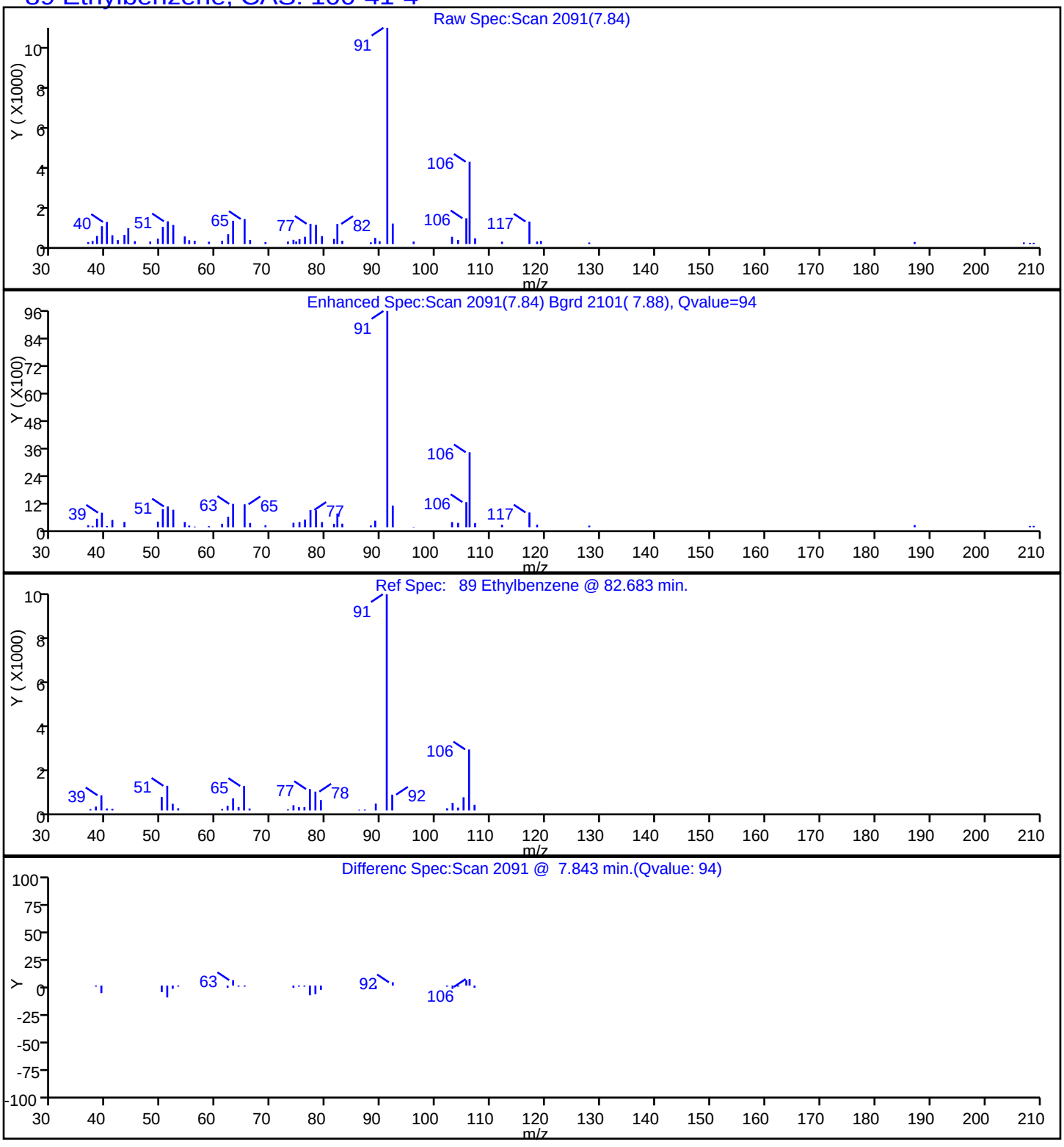
Report Date: 15-Mar-2014 13:28:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367301.D

Injection Date:	13-Mar-2014 14:14:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-19-A	Lab Sample ID:	460-72174-19		
Client ID:	PMP-24SW-VS				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

89 Ethylbenzene, CAS: 100-41-4



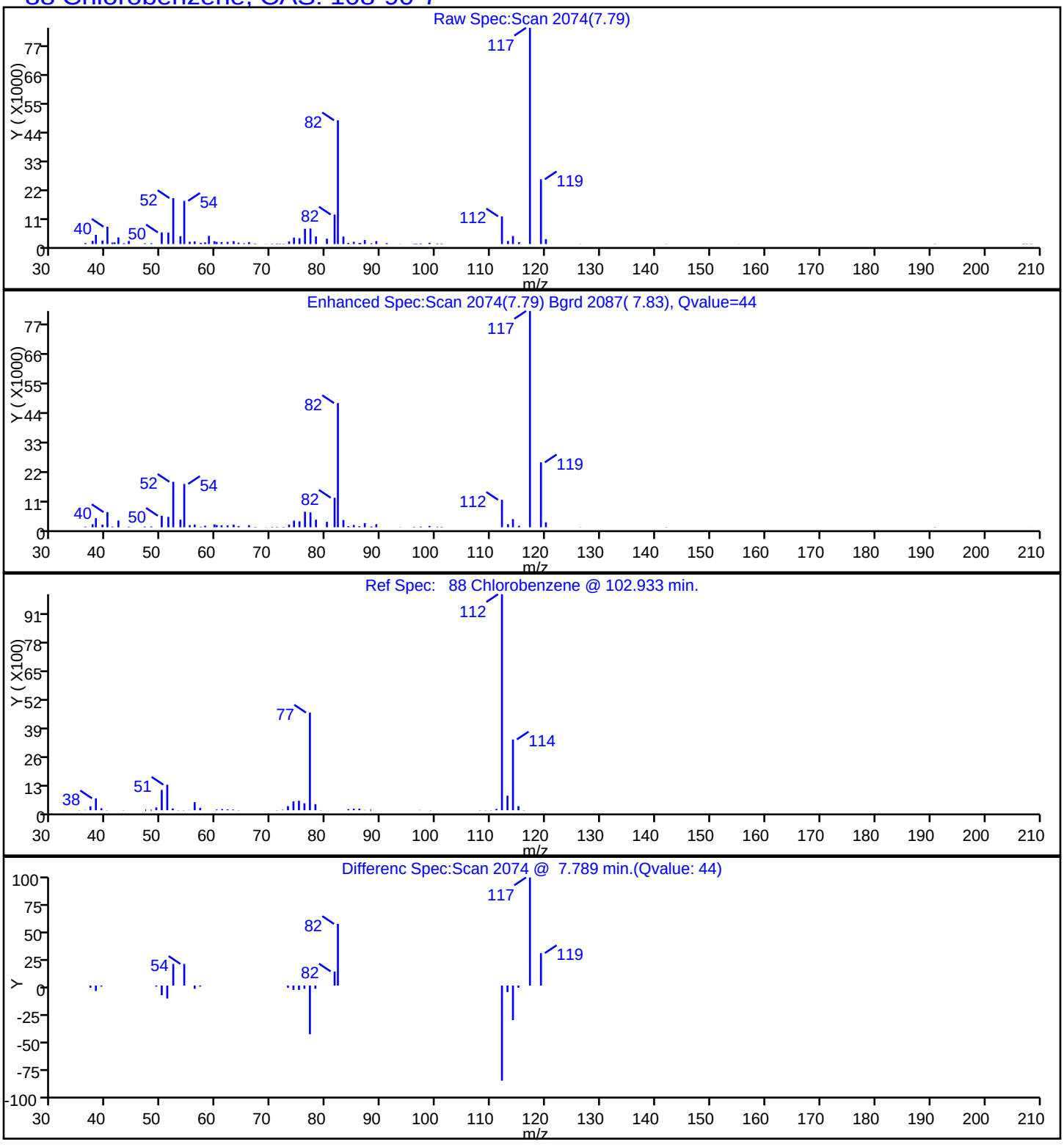
Report Date: 15-Mar-2014 13:28:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367301.D

Injection Date:	13-Mar-2014 14:14:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-19-A	Lab Sample ID:	460-72174-19		
Client ID:	PMP-24SW-VS				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

88 Chlorobenzene, CAS: 108-90-7

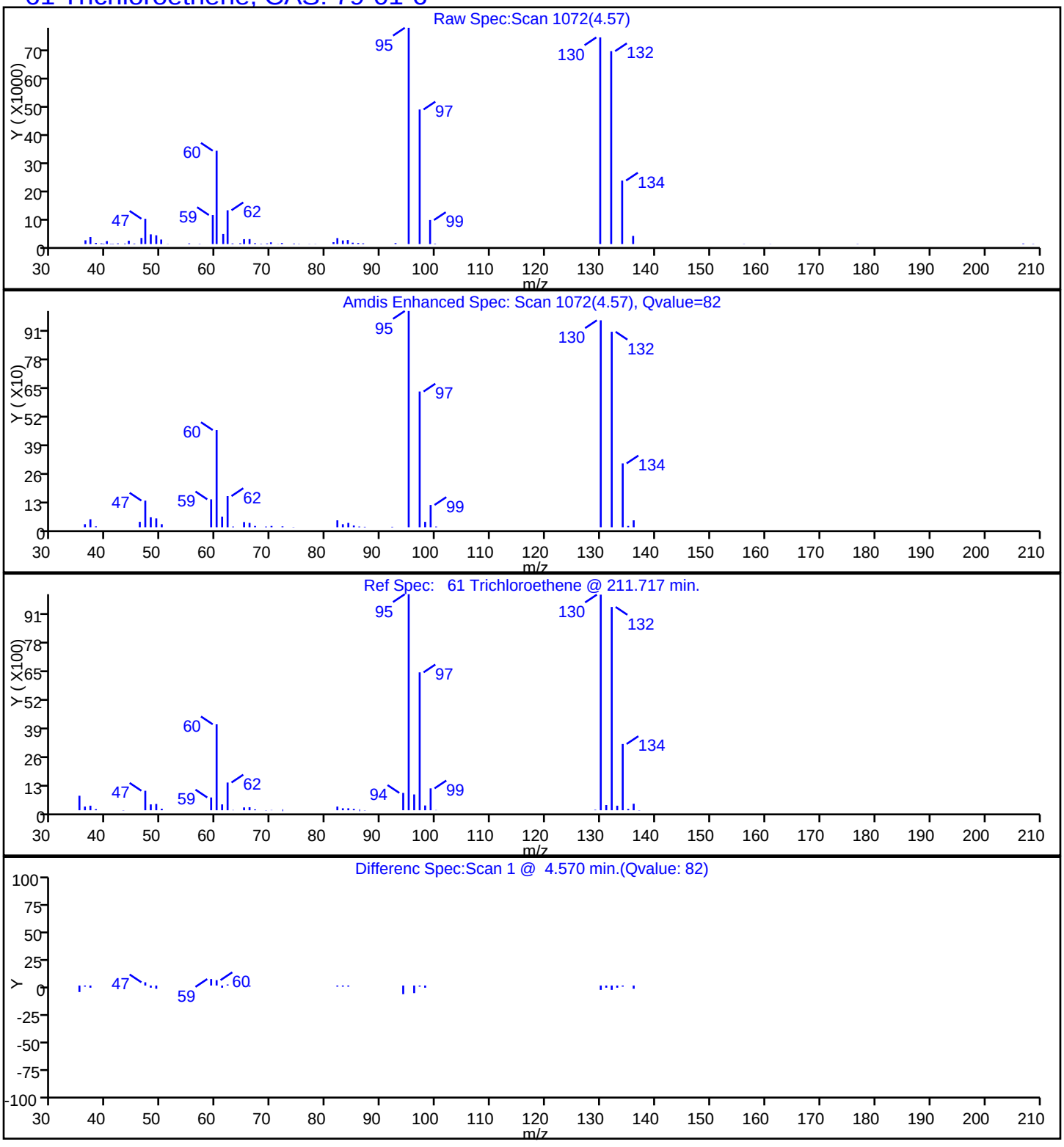


Report Date: 15-Mar-2014 13:28:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367301.D				
Injection Date:	13-Mar-2014 14:14:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-19-A	Lab Sample ID:	460-72174-19		
Client ID:	PMP-24SW-VS				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

61 Trichloroethene, CAS: 79-01-6



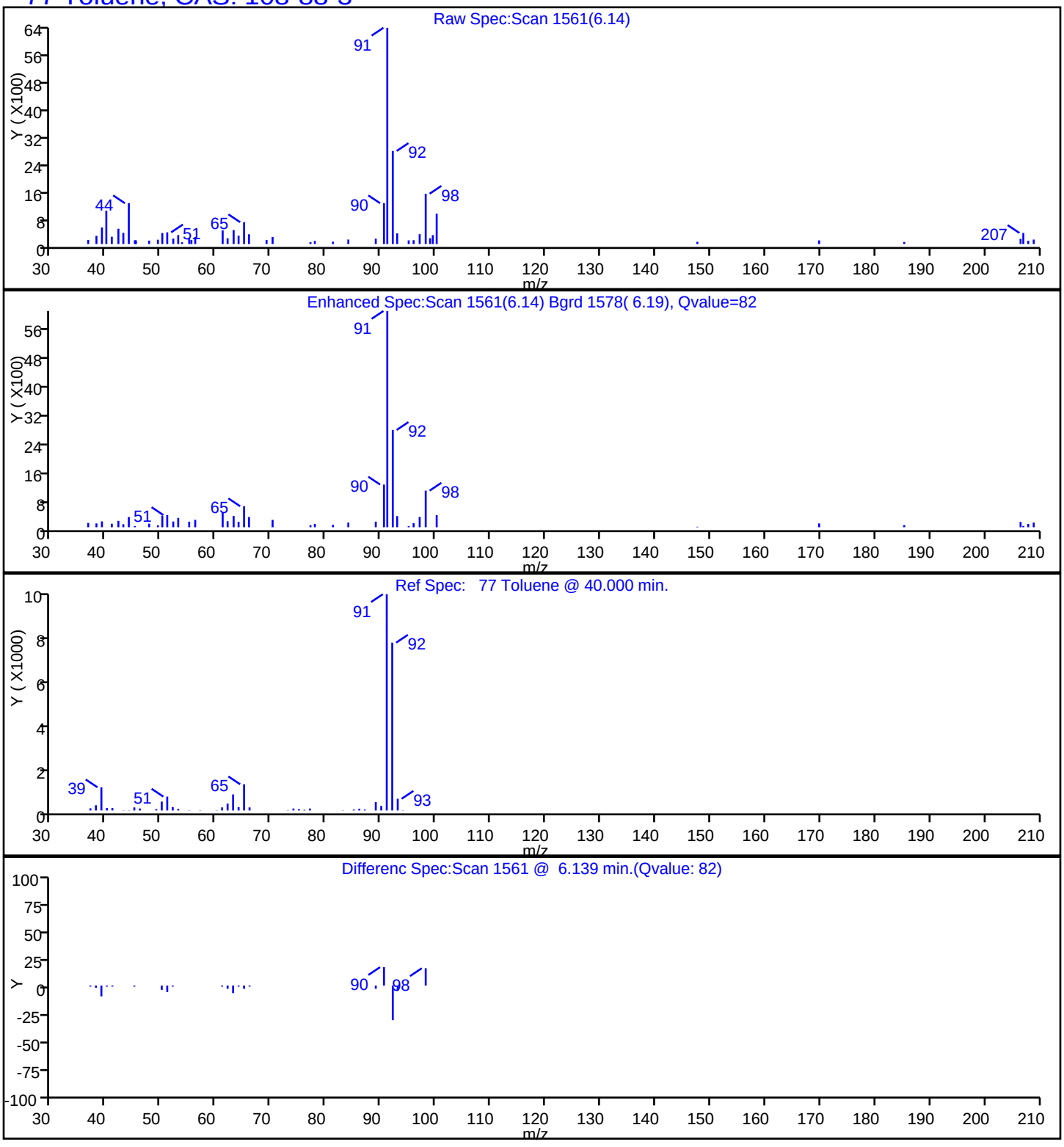
Report Date: 15-Mar-2014 13:28:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367301.D

Injection Date:	13-Mar-2014 14:14:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-19-A	Lab Sample ID:	460-72174-19		
Client ID:	PMP-24SW-VS				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

77 Toluene, CAS: 108-88-3



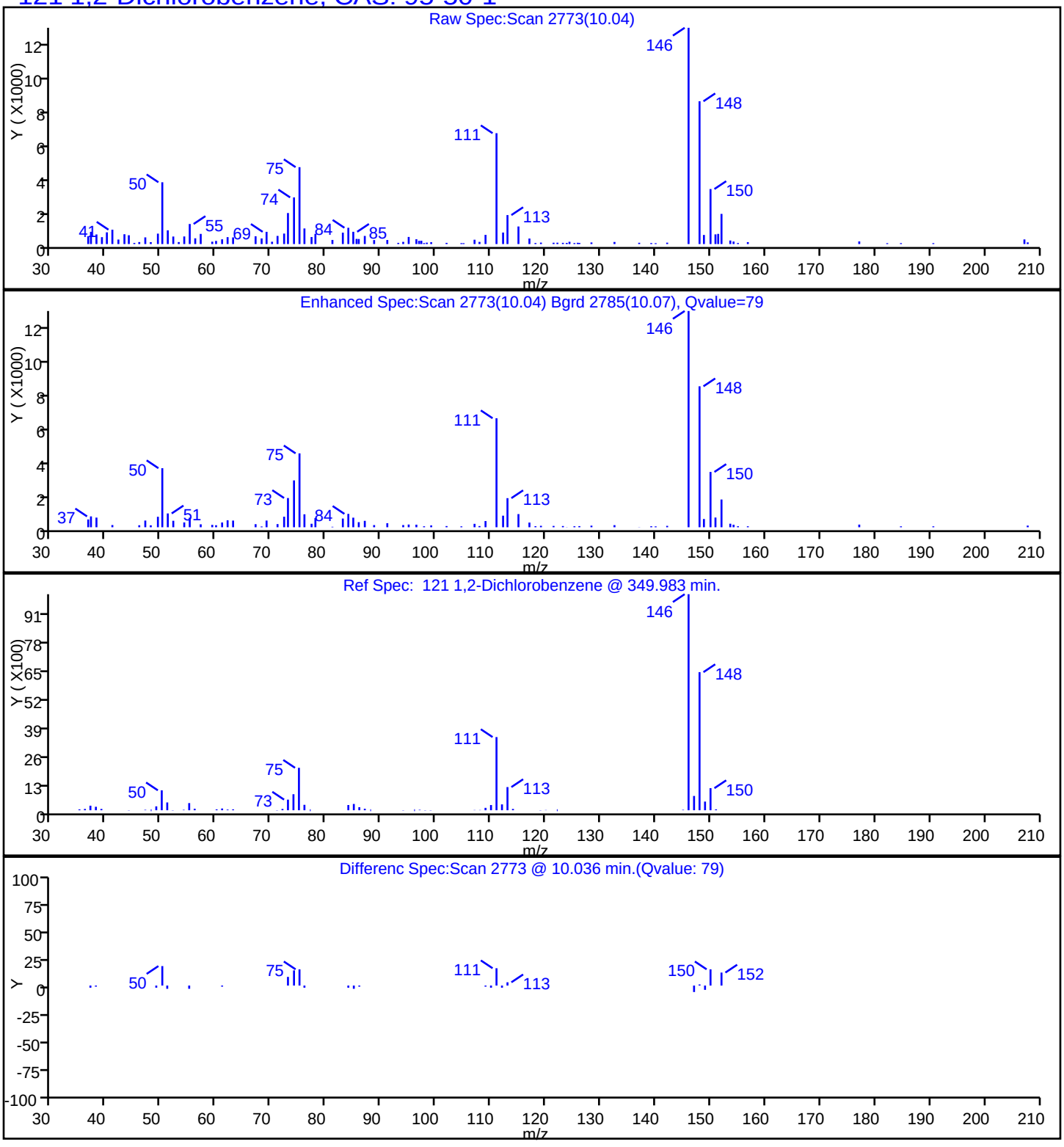
Report Date: 15-Mar-2014 13:28:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367301.D

Injection Date:	13-Mar-2014 14:14:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-19-A	Lab Sample ID:	460-72174-19		
Client ID:	PMP-24SW-VS				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

121 1,2-Dichlorobenzene, CAS: 95-50-1



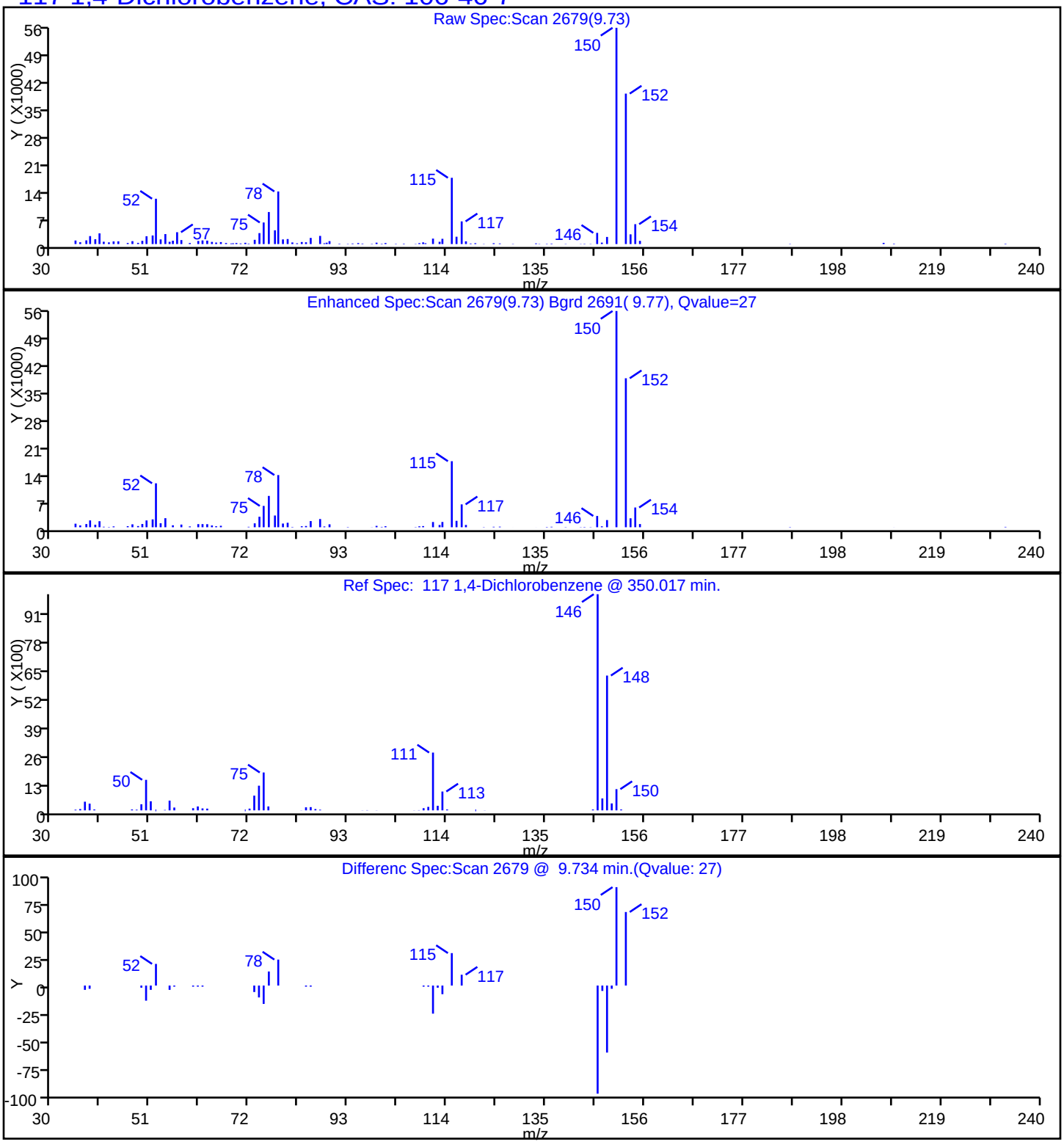
Report Date: 15-Mar-2014 13:28:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367301.D

Injection Date:	13-Mar-2014 14:14:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-19-A	Lab Sample ID:	460-72174-19		
Client ID:	PMP-24SW-VS				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

117 1,4-Dichlorobenzene, CAS: 106-46-7



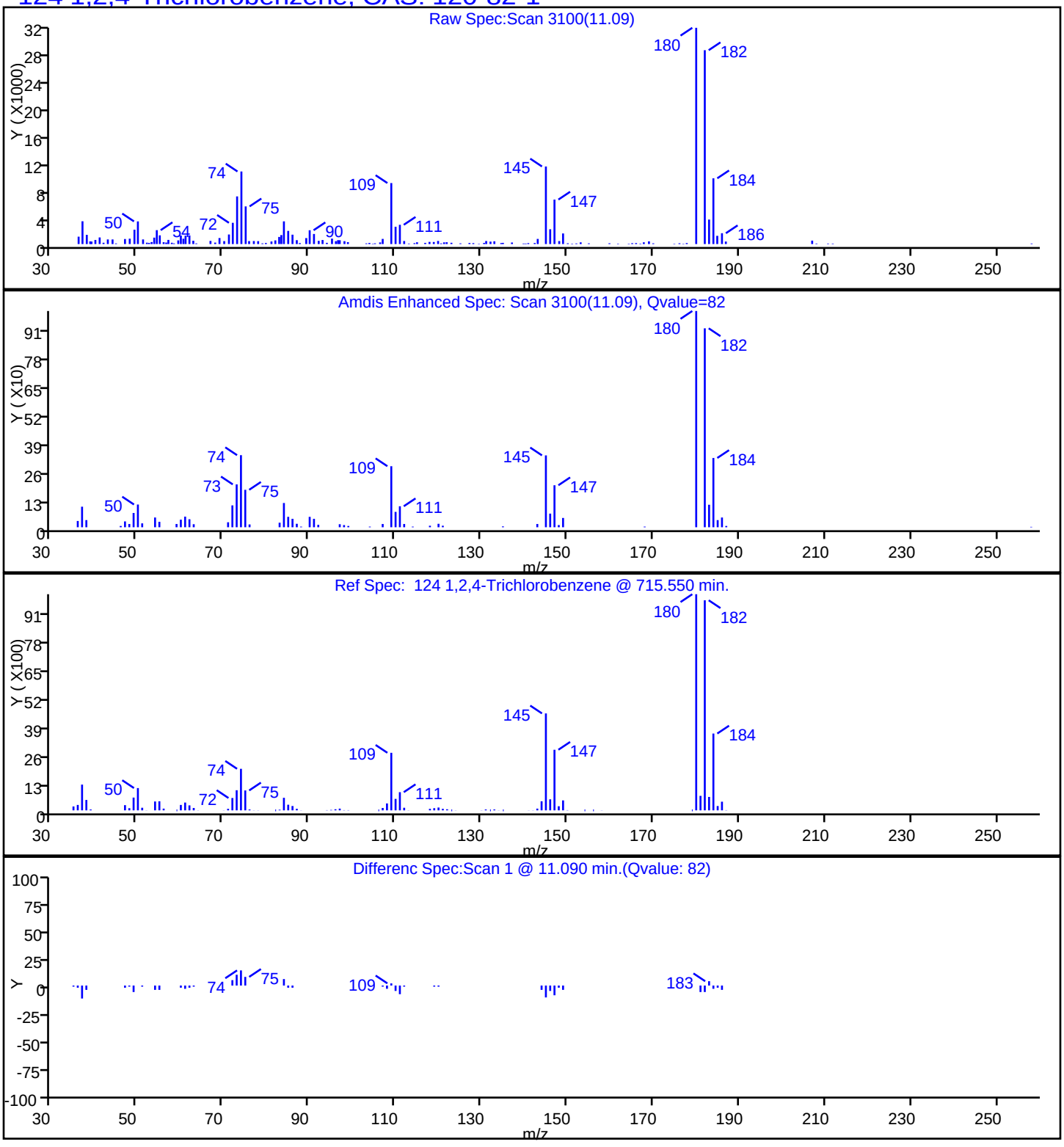
Report Date: 15-Mar-2014 13:29:00 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367301.D

Injection Date:	13-Mar-2014 14:14:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-19-A	Lab Sample ID:	460-72174-19		
Client ID:	PMP-24SW-VS				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



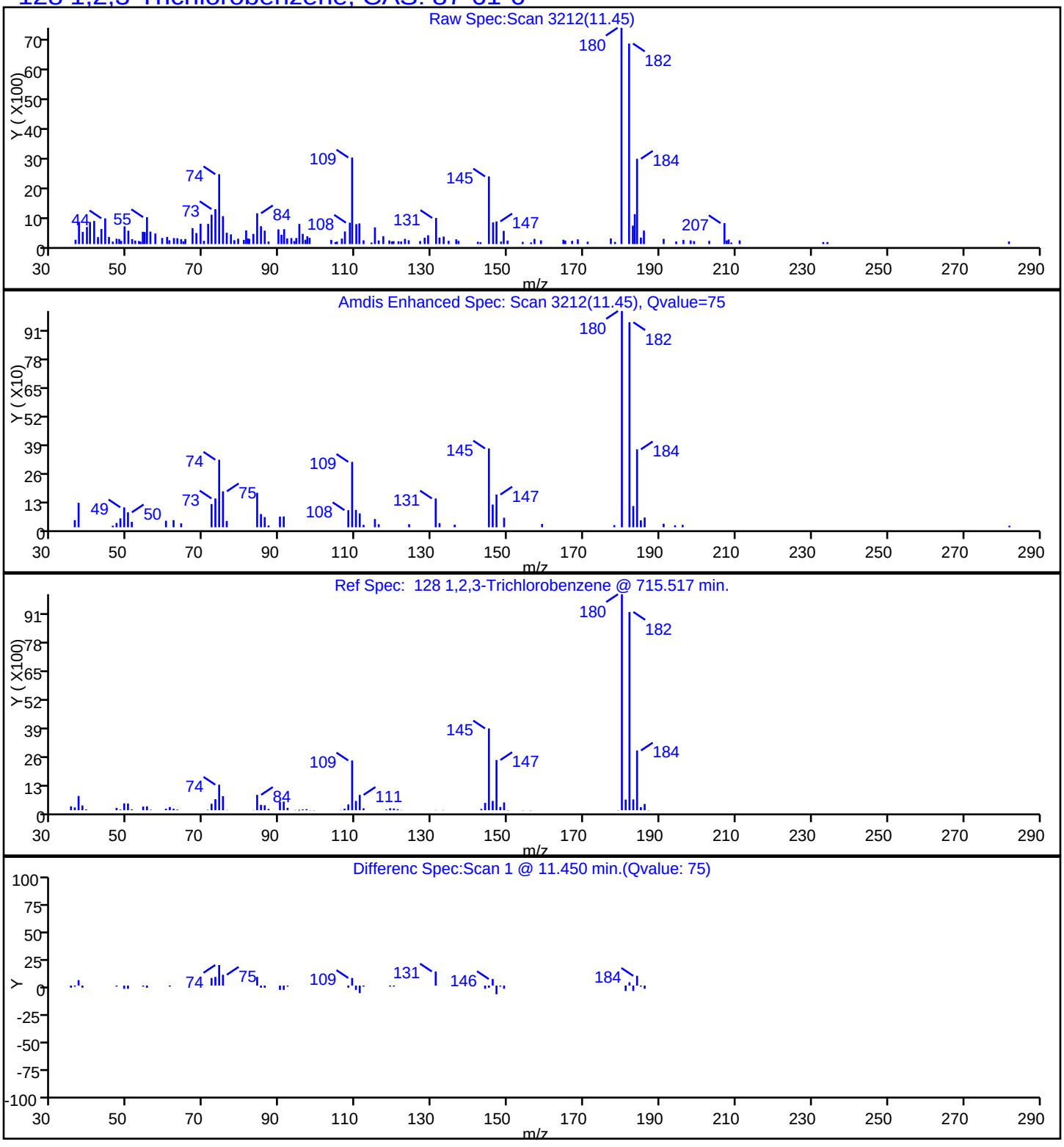
Report Date: 15-Mar-2014 13:29:00 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367301.D

Injection Date:	13-Mar-2014 14:14:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-19-A	Lab Sample ID:	460-72174-19		
Client ID:	PMP-24SW-VS				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



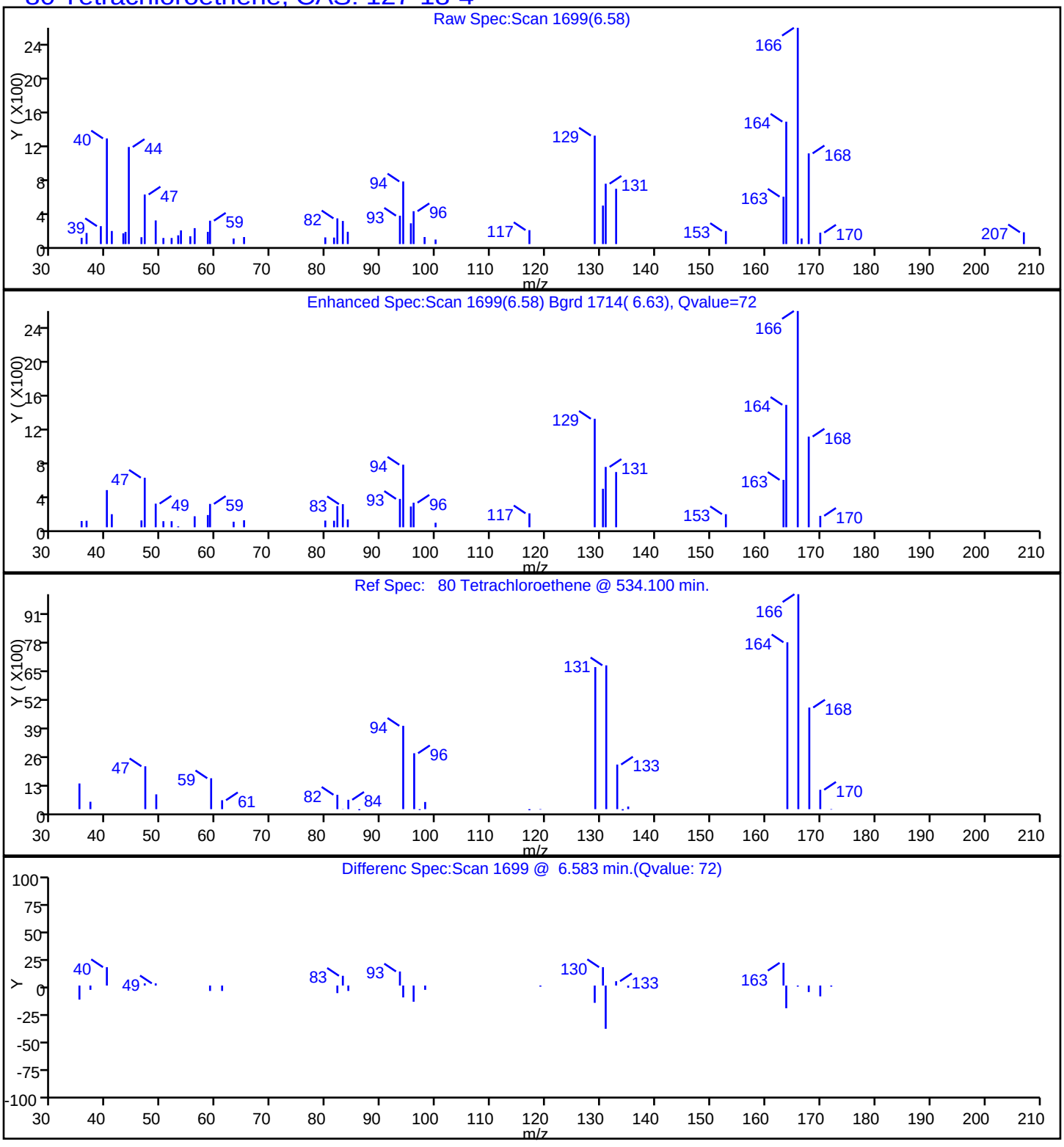
Report Date: 15-Mar-2014 13:28:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367301.D

Injection Date:	13-Mar-2014 14:14:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-19-A	Lab Sample ID:	460-72174-19		
Client ID:	PMP-24SW-VS				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

80 Tetrachloroethene, CAS: 127-18-4



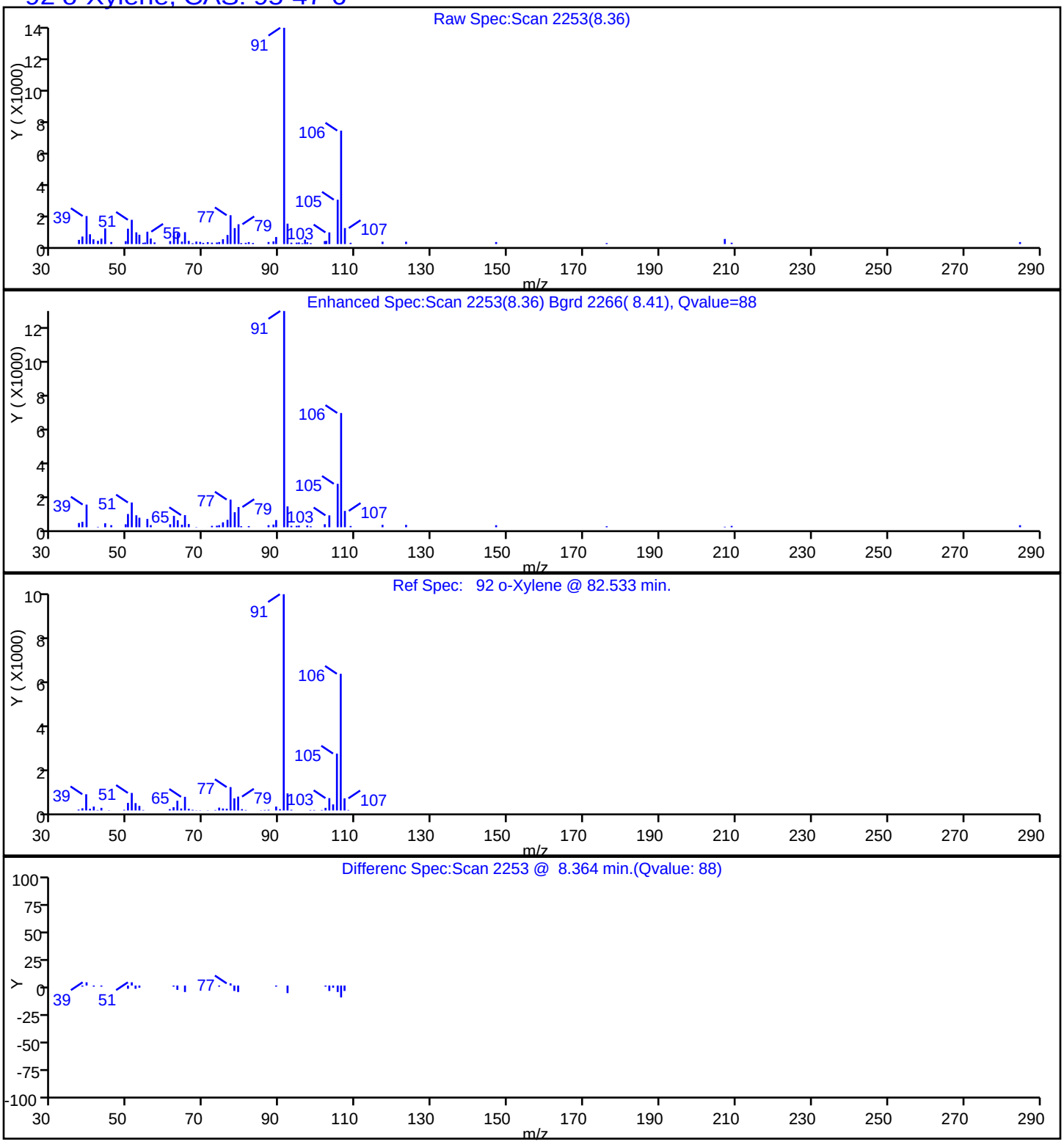
Report Date: 15-Mar-2014 13:28:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367301.D

Injection Date:	13-Mar-2014 14:14:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-19-A	Lab Sample ID:	460-72174-19		
Client ID:	PMP-24SW-VS				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

92 o-Xylene, CAS: 95-47-6



Manual Integration/User Assign Peak Report

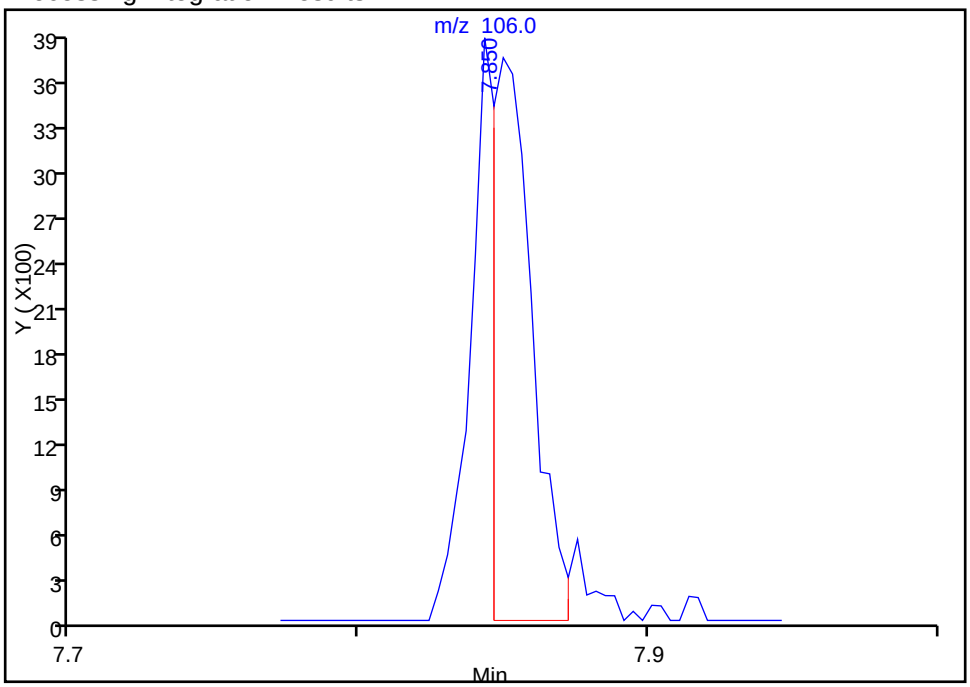
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367301.D				
Injection Date:	13-Mar-2014 14:14:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-19-A	Lab Sample ID:	460-72174-19		
Client ID:	PMP-24SW-VS				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

89 Ethylbenzene, CAS: 100-41-4

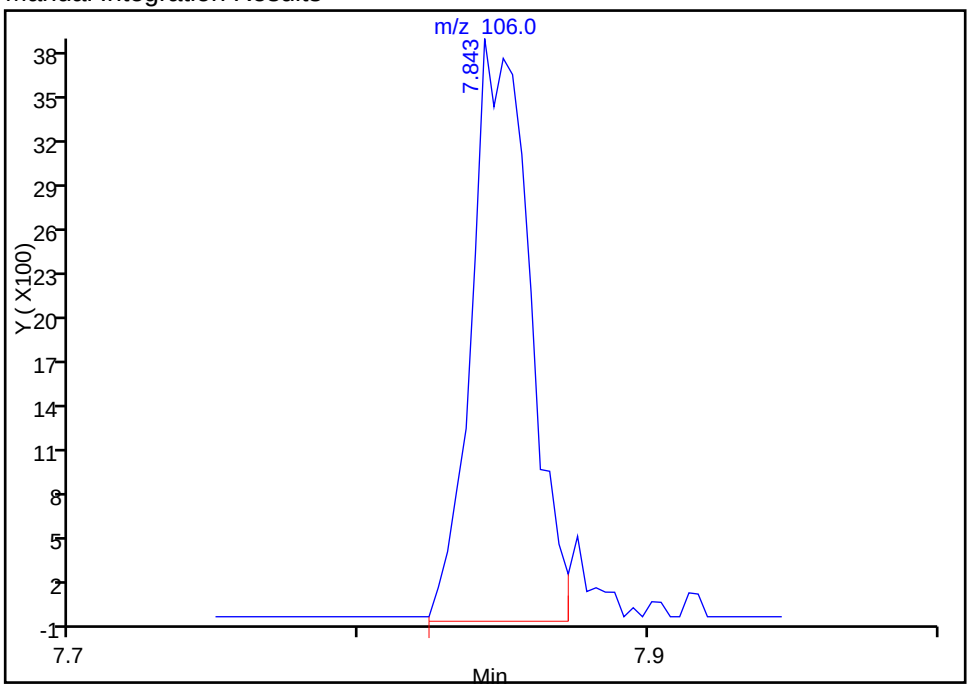
Processing Integration Results

RT: 7.85
Response: 3606
Amount: 0.720796



Manual Integration Results

RT: 7.84
Response: 5434
Amount: 1.086192



Reviewer: starzecm, 13-Mar-2014 19:17:58
Audit Action: Manually Integrated
Audit Reason: Split Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-VD Lab Sample ID: 460-72174-20

Matrix: Solid Lab File ID: J10087.D

Analysis Method: 8260B Date Collected: 03/06/2014 12:30

Sample wt/vol: 8.15(g) Date Analyzed: 03/16/2014 17:15

Soil Aliquot Vol: 5 (mL) Dilution Factor: 1000

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.2 Level: (low/med) Medium

Analysis Batch No.: 212905 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	140	U	1400	140
74-83-9	Bromomethane	250	U	1400	250
75-01-4	Vinyl chloride	200	U	1400	200
75-00-3	Chloroethane	240	U	1400	240
75-09-2	Methylene Chloride	250	U	1400	250
67-64-1	Acetone	3700	U	7000	3700
75-15-0	Carbon disulfide	180	U	1400	180
75-69-4	Trichlorofluoromethane	200	U	1400	200
75-35-4	1,1-Dichloroethene	120	U	1400	120
75-34-3	1,1-Dichloroethane	180	U	1400	180
156-60-5	trans-1,2-Dichloroethene	180	U	1400	180
156-59-2	cis-1,2-Dichloroethene	11000		1400	250
67-66-3	Chloroform	110	U	1400	110
78-93-3	2-Butanone	3200	U	7000	3200
107-06-2	1,2-Dichloroethane	260	U	1400	260
71-55-6	1,1,1-Trichloroethane	1200	J	1400	87
56-23-5	Carbon tetrachloride	80	U	1400	80
71-43-2	Benzene	220	J	1400	120
75-25-2	Bromoform	270	U	1400	270
100-42-5	Styrene	23000		1400	170
100-41-4	Ethylbenzene	24000		1400	130
108-90-7	Chlorobenzene	5800		1400	150
110-82-7	Cyclohexane	220	U	1400	220
98-82-8	Isopropylbenzene	3300		1400	110
591-78-6	2-Hexanone	700	U *	7000	700
1634-04-4	MTBE	190	U	1400	190
76-13-1	Freon TF	6900		1400	110
79-20-9	Methyl acetate	470	U	7000	470
123-91-1	1,4-Dioxane	50000	U	70000	50000
79-01-6	Trichloroethene	420000		1400	130
108-88-3	Toluene	17000		1400	210
10061-02-6	trans-1,3-Dichloropropene	340	U	1400	340
108-10-1	4-Methyl-2-pentanone	1400	U	7000	1400
10061-01-5	cis-1,3-Dichloropropene	260	U	1400	260
95-50-1	1,2-Dichlorobenzene	9300		1400	290
541-73-1	1,3-Dichlorobenzene	190	U	1400	190

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-VD | Lab Sample ID: 460-72174-20

Matrix: Solid | Lab File ID: J10087.D

Analysis Method: 8260B | Date Collected: 03/06/2014 12:30

Sample wt/vol: 8.15(g) | Date Analyzed: 03/16/2014 17:15

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1000

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.2 | Level: (low/med) Medium

Analysis Batch No.: 212905 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	330	U	1400	330
120-82-1	1,2,4-Trichlorobenzene	46000		1400	480
87-61-6	1,2,3-Trichlorobenzene	11000		1400	720
78-87-5	1,2-Dichloropropane	120	U	1400	120
108-87-2	Methylcyclohexane	1800		1400	190
127-18-4	Tetrachloroethene	20000		1400	140
1330-20-7	Xylenes, Total	110000		2800	500
96-12-8	1,2-Dibromo-3-Chloropropane	560	U	1400	560
79-34-5	1,1,2,2-Tetrachloroethane	220	U	1400	220
79-00-5	1,1,2-Trichloroethane	260	U	1400	260
124-48-1	Dibromochloromethane	280	U	1400	280
106-93-4	1,2-Dibromoethane	380	U	1400	380
75-71-8	Dichlorodifluoromethane	300	U	1400	300
74-97-5	Bromochloromethane	380	U	1400	380
75-27-4	Bromodichloromethane	170	U	1400	170

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		75-135
2037-26-5	Toluene-d8 (Surr)	80		59-150
460-00-4	Bromofluorobenzene	81		72-133
1868-53-7	Dibromofluoromethane (Surr)	74		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-VD Lab Sample ID: 460-72174-20

Matrix: Solid Lab File ID: J10087.D

Analysis Method: 8260B Date Collected: 03/06/2014 12:30

Sample wt/vol: 8.15(g) Date Analyzed: 03/16/2014 17:15

Soil Aliquot Vol: 5 (mL) Dilution Factor: 1000

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.2 Level: (low/med) Medium

Analysis Batch No.: 212905 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 193900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
611-14-3	Benzene, 1-ethyl-2-methyl-	10.33	7700	J N
124-18-5	Decane	10.36	7600	J N
95-63-6	Benzene, 1,2,4-trimethyl-	10.69	13000	J N
526-73-8	Benzene, 1,2,3-trimethyl-	10.99	8500	J N
95-13-6	Indene	11.27	15000	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.67	9100	J N
934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	11.92	14000	J N
91-20-3	Naphthalene	12.37	47000	J N
91-57-6	Naphthalene, 2-methyl-	13.18	53000	J N
90-12-0	Naphthalene, 1-methyl-	13.34	19000	J N

Report Date: 17-Mar-2014 15:45:23 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D
Lims ID: 460-72174-A-20-A Lab Sample ID: 460-72174-20
Client ID: PMP-24SW-VD
Sample Type: Client
Inject. Date: 16-Mar-2014 17:15:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1000.0000
Sample Info: 460-72174-A-20-A
Misc. Info.: 460-0010935-027
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 17-Mar-2014 15:45:23 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: manlangitf Date: 17-Mar-2014 09:38:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.694	2.699	-0.005	89	19408	4.91	
* 151 TBA-d9 (IS)	65	3.187	3.180	0.007	42	480092	1000.0	
42 cis-1,2-Dichloroethene	96	4.292	4.291	0.001	87	35333	8.09	
50 1,1,1-Trichloroethane	97	4.721	4.714	0.007	43	4604	0.8271	
$ 152 Dibromofluoromethane (Surr)	113	4.733	4.726	0.007	89	8477	1.84	
53 Benzene	78	5.062	5.066	-0.004	45	2443	0.1557	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.079	5.084	-0.005	86	13572	2.16	
* 59 Fluorobenzene	96	5.355	5.354	0.001	97	835911	50.0	
61 Trichloroethene	95	5.708	5.707	0.001	94	1185098	297.0	
63 Methylcyclohexane	83	5.837	5.830	0.007	86	6530	1.30	
* 150 1,4-Dioxane-d8	96	6.060	6.059	0.001	81	57474	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.030	7.023	0.007	94	34745	2.00	
77 Toluene	91	7.106	7.105	0.001	91	199052	12.5	
80 Tetrachloroethene	166	7.717	7.716	0.001	91	52733	14.2	
* 87 Chlorobenzene-d5	117	8.816	8.815	0.001	86	708738	50.0	
88 Chlorobenzene	112	8.857	8.856	0.001	95	44276	4.12	
89 Ethylbenzene	106	8.951	8.956	-0.005	98	94764	17.3	
91 m-Xylene & p-Xylene	106	9.110	9.115	-0.005	97	435468	63.0	
92 o-Xylene	106	9.556	9.555	0.001	92	111913	16.4	
94 Styrene	104	9.586	9.585	0.001	91	197527	16.3	
98 Isopropylbenzene	105	9.903	9.902	0.001	94	35681	2.38	
$ 99 4-Bromofluorobenzene	174	10.085	10.084	0.001	91	12312	2.03	
* 116 1,4-Dichlorobenzene-d4	152	10.961	10.960	0.001	96	423404	50.0	
121 1,2-Dichlorobenzene	146	11.219	11.224	-0.005	90	60455	6.66	
124 1,2,4-Trichlorobenzene	180	12.189	12.193	-0.005	95	190340	33.0	
128 1,2,3-Trichlorobenzene	180	12.523	12.522	0.001	82	42391	8.02	
S 131 Xylenes, Total	100				0		79.4	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D
Lims ID: 460-72174-A-20-A Lab Sample ID: 460-72174-20
Client ID: PMP-24SW-VD
Sample Type: Client
Inject. Date: 16-Mar-2014 17:15:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1000.0000
Sample Info: 460-72174-A-20-A
Misc. Info.: 460-0010935-027
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 17-Mar-2014 15:45:23 Calib Date: 09-Mar-2014 13:34:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 20

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: manlangitf Date: 17-Mar-2014 09:38:27

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
611-14-3 Benzene, 1-ethyl-2-methyl-								
10.332	277870	5.48	116	94	9130	C9H12	120	
124-18-5 Decane								
10.355	275736	5.44	116	90	18419	C10H22	142	
95-63-6 Benzene, 1,2,4-trimethyl-								
10.690	485577	9.57	116	95	9126	C9H12	120	I
526-73-8 Benzene, 1,2,3-trimethyl-								
10.990	308358	6.08	116	91	9116	C9H12	120	I
95-13-6 Indene								
11.272	540463	10.7	116	97	8168	C9H8	116	
95-93-2 Benzene, 1,2,4,5-tetramethyl-								
11.666	329032	6.49	116	90	14361	C10H14	134	
934-74-7 Benzene, 1-ethyl-3,5-dimethyl-								
11.918	510764	10.1	116	86	14367	C10H14	134	
91-20-3 Naphthalene								
12.365	1693393	33.4	116	97	11563	C10H8	128	
91-57-6 Naphthalene, 2-methyl-								
13.176	1921373	37.9	116	96	18501	C11H10	142	
90-12-0 Naphthalene, 1-methyl-								
13.340	681580	13.4	116	96	18499	C11H10	142	

Report Date: 17-Mar-2014 15:45:23 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.961	2535927	50.0

QC Flag Legend

Processing Flags

Review Flags
l - User Selected Library Match

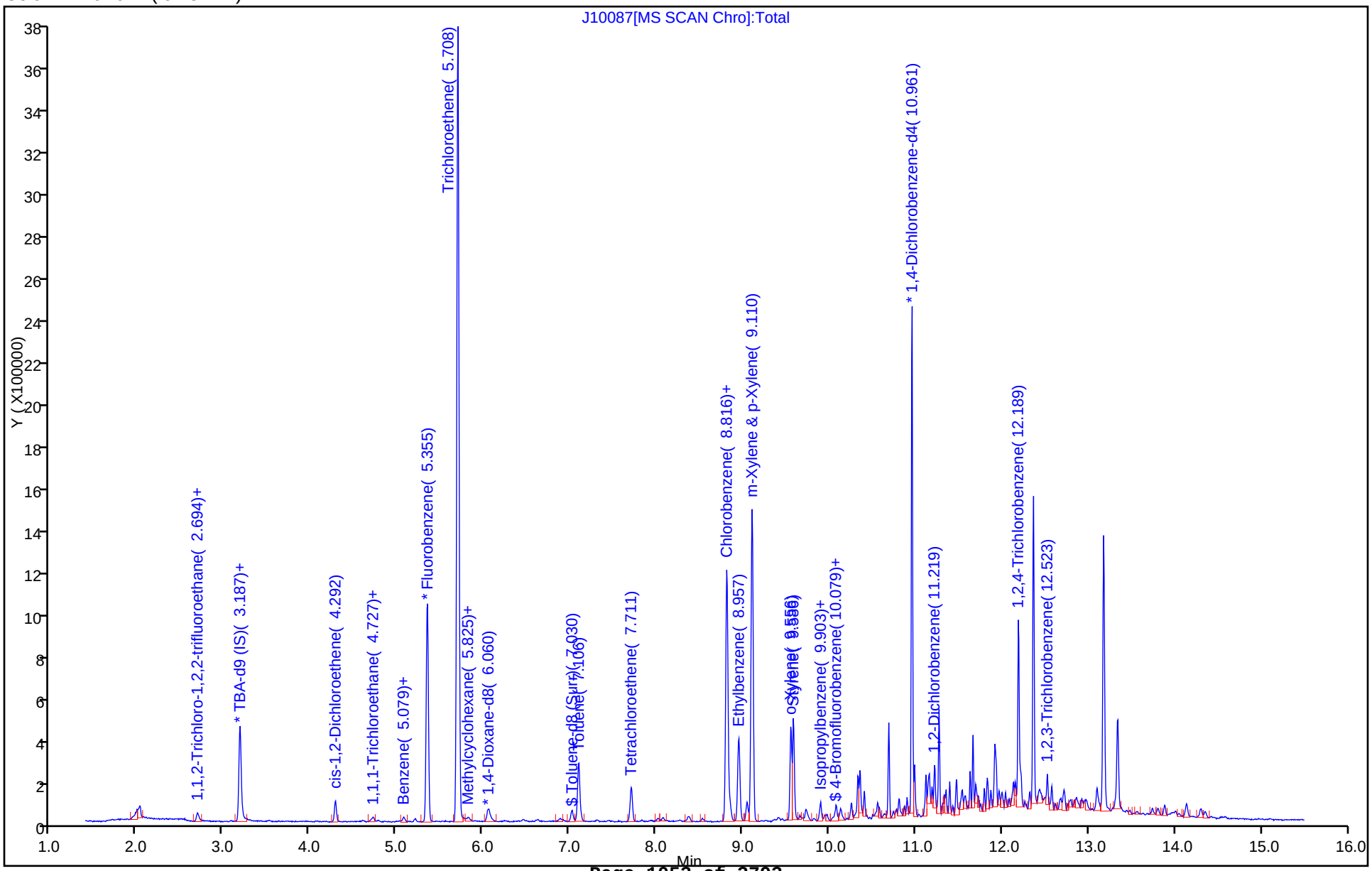
Report Date: 17-Mar-2014 15:45:23 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date:	16-Mar-2014 17:15:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-72174-A-20-A	Lab Sample ID:	460-72174-20	Worklist Smp#:	27
Client ID:	PMP-24SW-VD				
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000	ALS Bottle#:	26
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



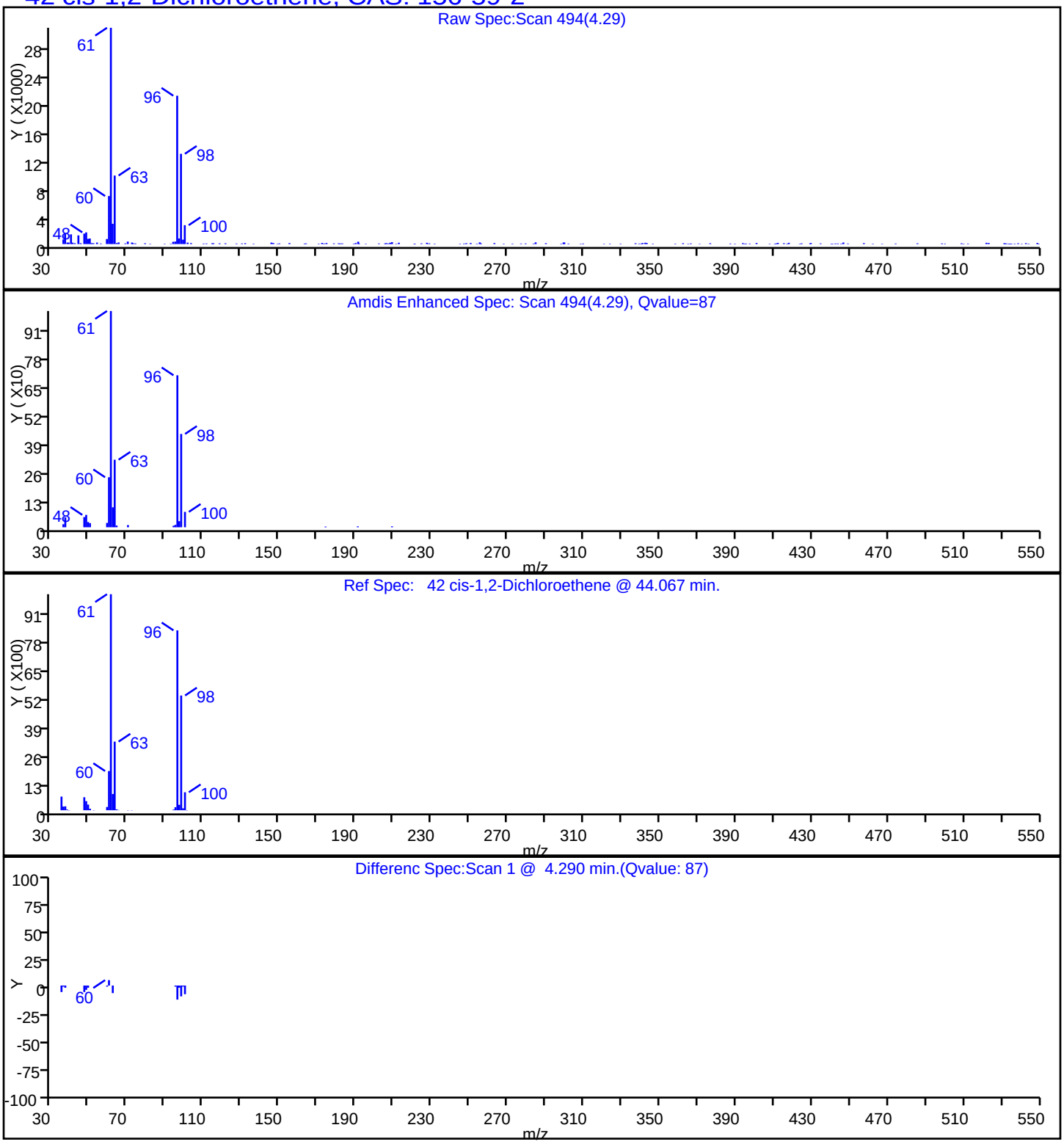
Report Date: 17-Mar-2014 15:45:23 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date:	16-Mar-2014 17:15:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-20-A	Lab Sample ID:	460-72174-20		
Client ID:	PMP-24SW-VD				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

42 cis-1,2-Dichloroethene, CAS: 156-59-2



Report Date: 17-Mar-2014 15:45:23 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date: 16-Mar-2014 17:15:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

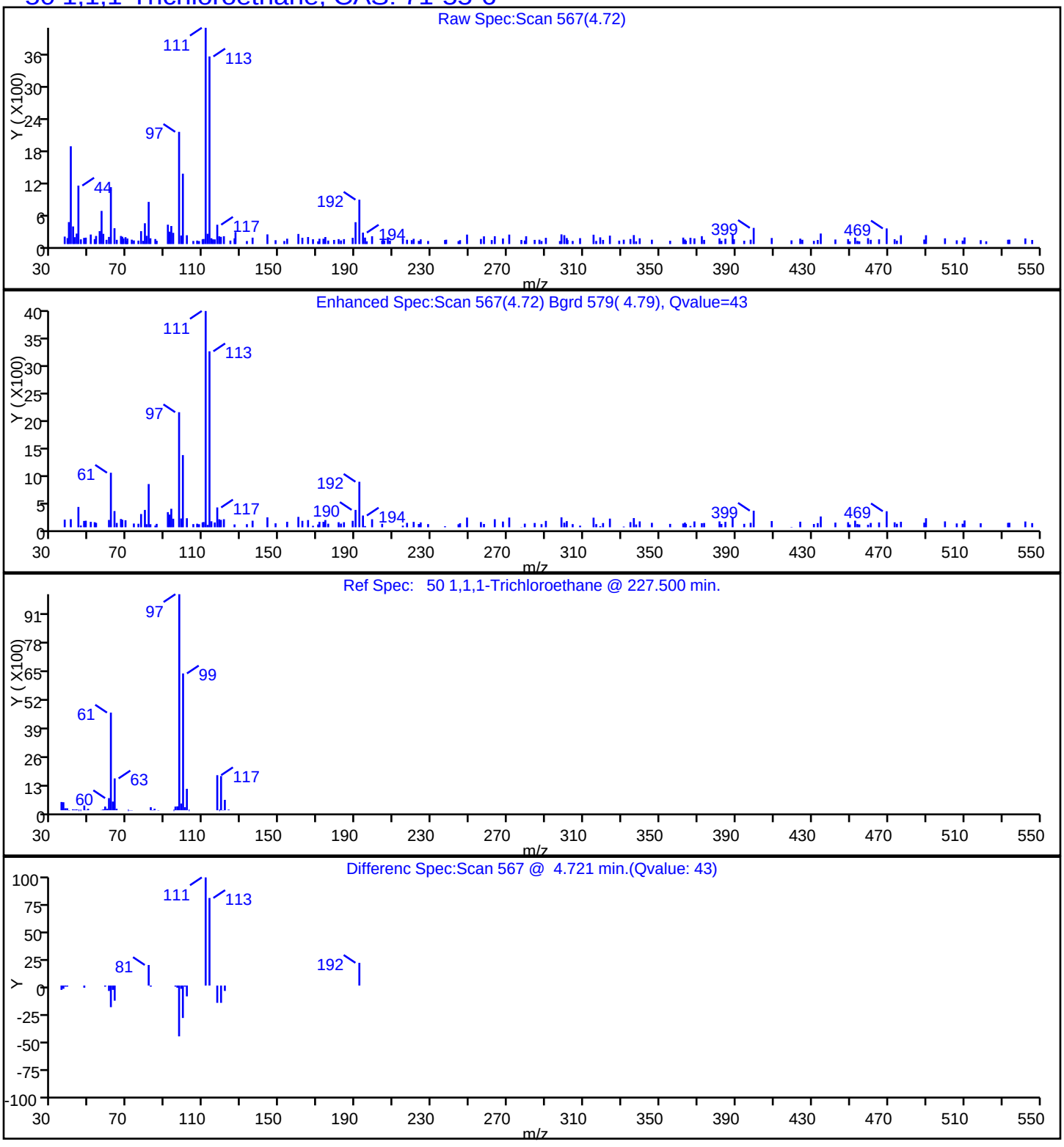
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 1000.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

50 1,1,1-Trichloroethane, CAS: 71-55-6



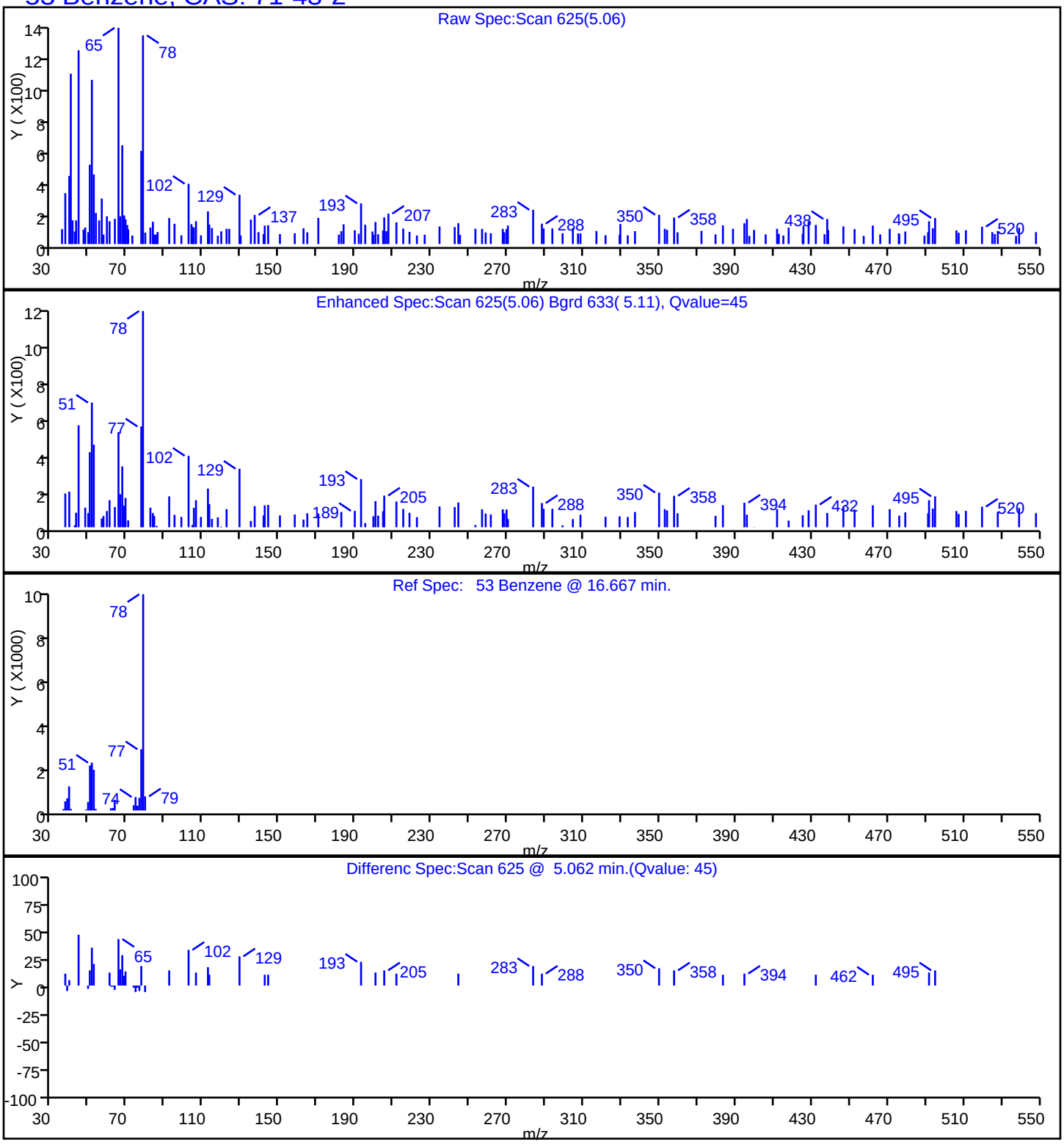
Report Date: 17-Mar-2014 15:45:23 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date:	16-Mar-2014 17:15:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-20-A	Lab Sample ID:	460-72174-20		
Client ID:	PMP-24SW-VD				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

53 Benzene, CAS: 71-43-2



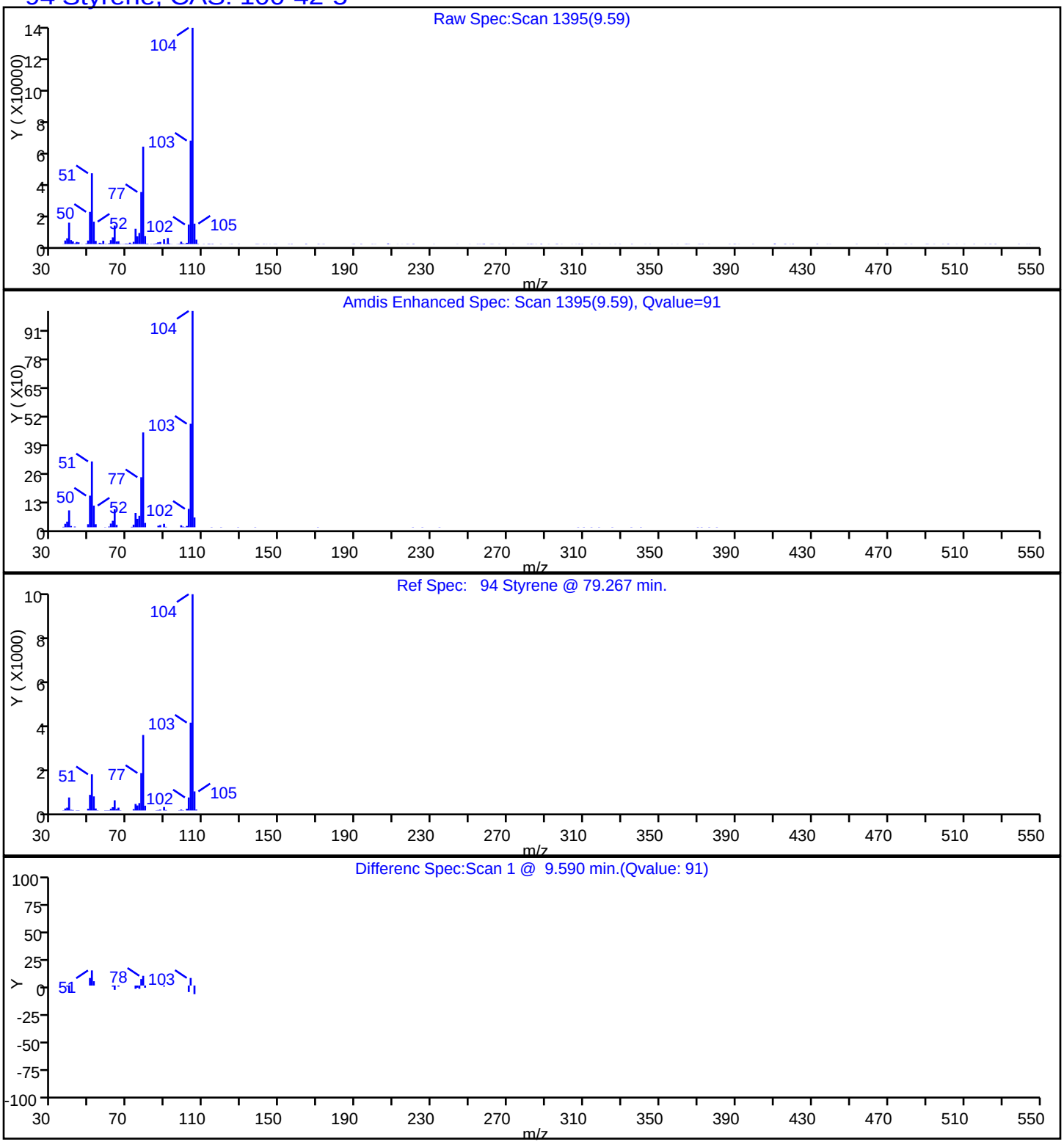
Report Date: 17-Mar-2014 15:45:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date:	16-Mar-2014 17:15:30	Instrument ID:	CVOAMS8
Lims ID:	460-72174-A-20-A	Lab Sample ID:	460-72174-20
Client ID:	PMP-24SW-VD		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

94 Styrene, CAS: 100-42-5



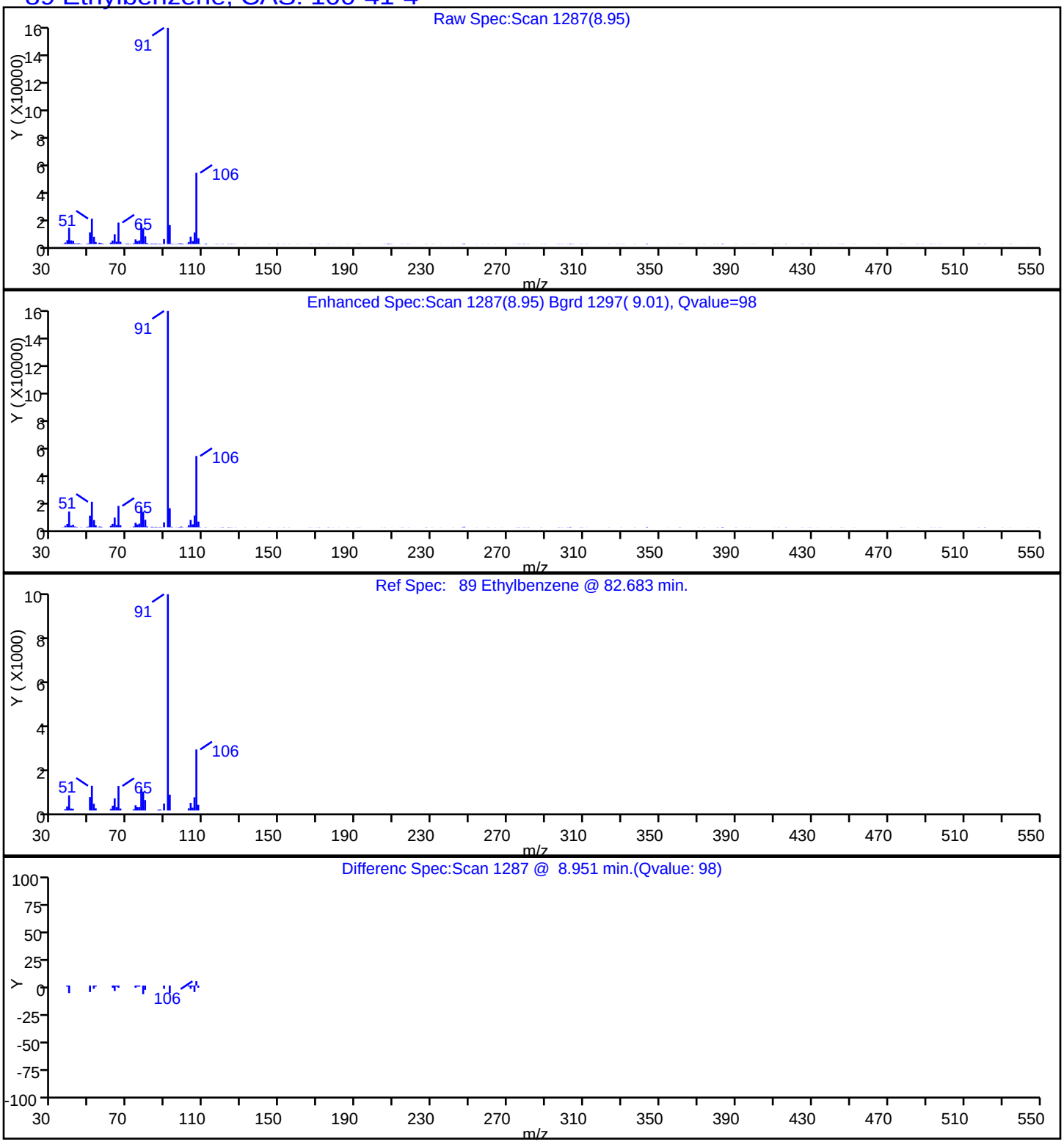
Report Date: 17-Mar-2014 15:45:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date:	16-Mar-2014 17:15:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-20-A	Lab Sample ID:	460-72174-20		
Client ID:	PMP-24SW-VD				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

89 Ethylbenzene, CAS: 100-41-4



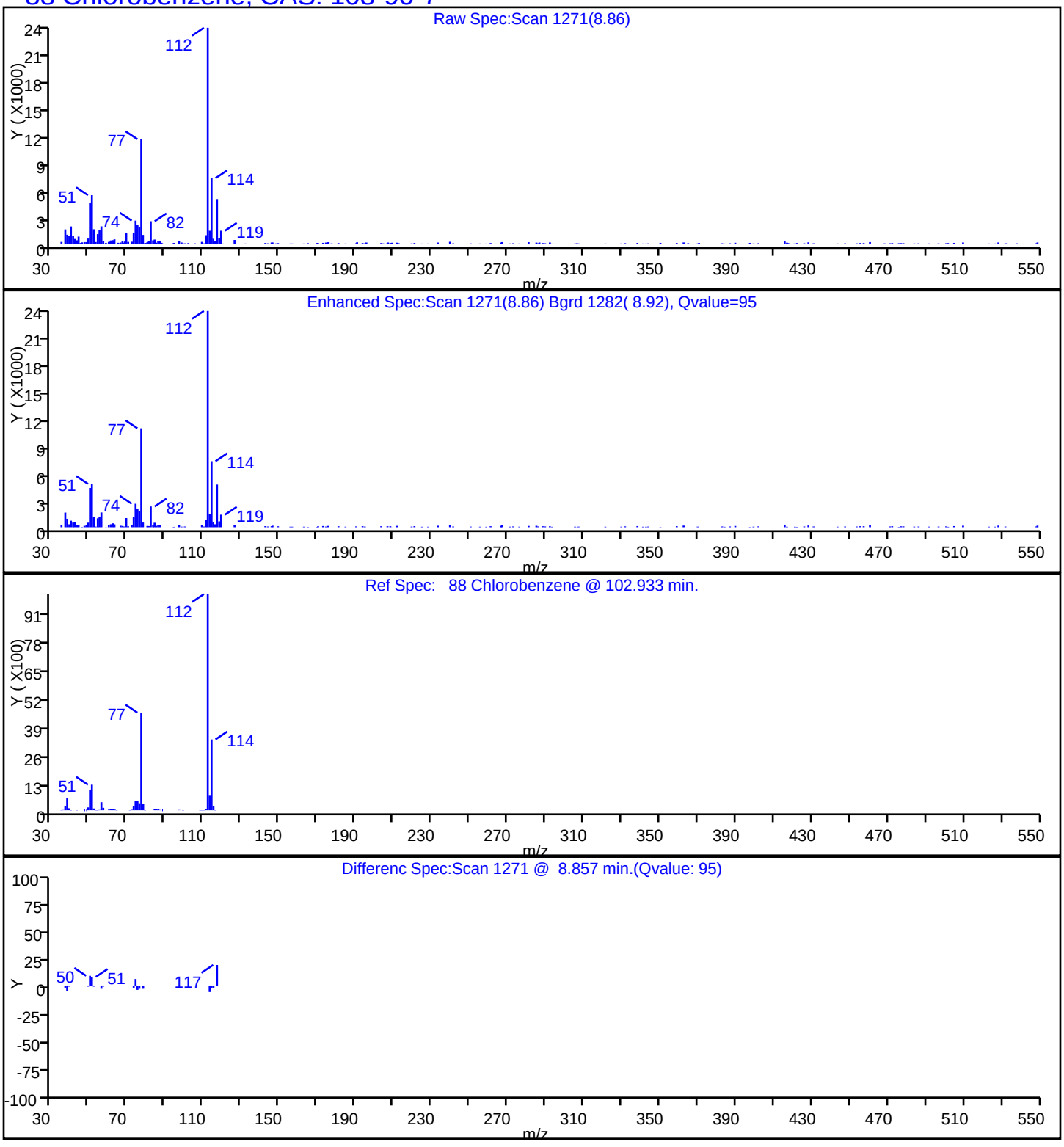
Report Date: 17-Mar-2014 15:45:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date:	16-Mar-2014 17:15:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-20-A	Lab Sample ID:	460-72174-20		
Client ID:	PMP-24SW-VD				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

88 Chlorobenzene, CAS: 108-90-7



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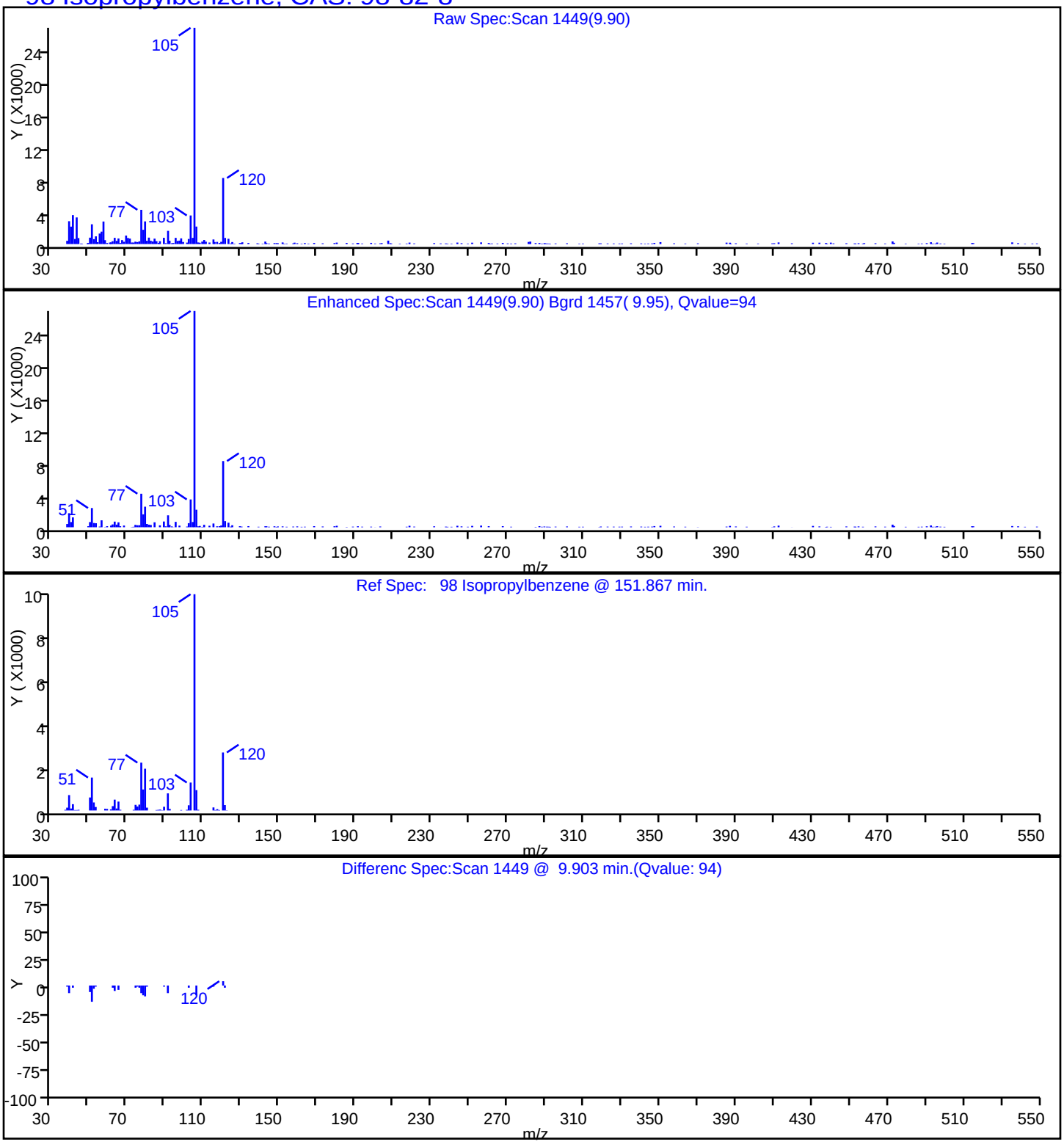
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D		
Injection Date:	16-Mar-2014 17:15:30	Instrument ID:	CVOAMS8
Lims ID:	460-72174-A-20-A	Lab Sample ID:	460-72174-20
Client ID:	PMP-24SW-VD		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

98 Isopropylbenzene, CAS: 98-82-8



Report Date: 17-Mar-2014 15:45:23 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date: 16-Mar-2014 17:15:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

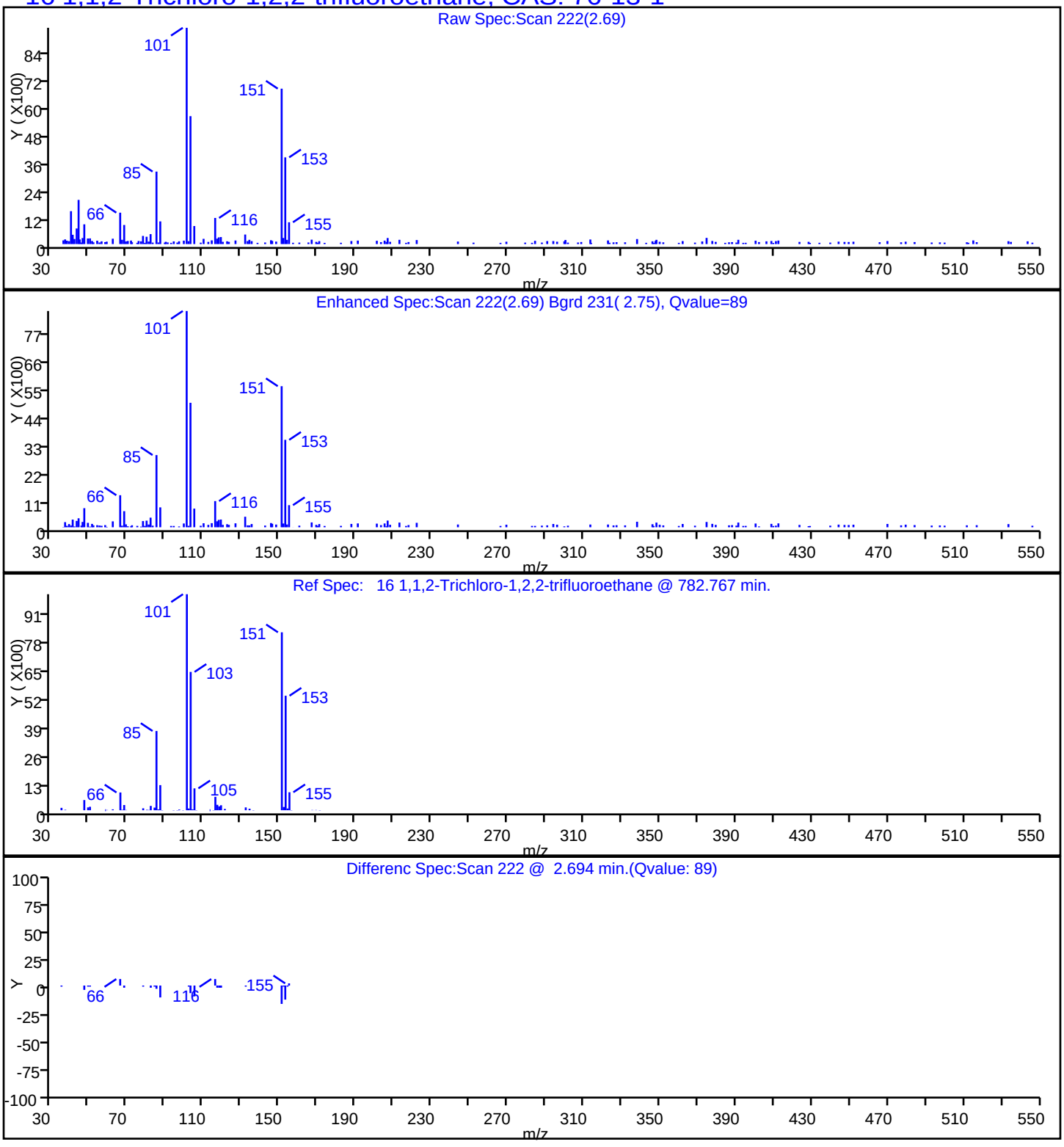
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 1000.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



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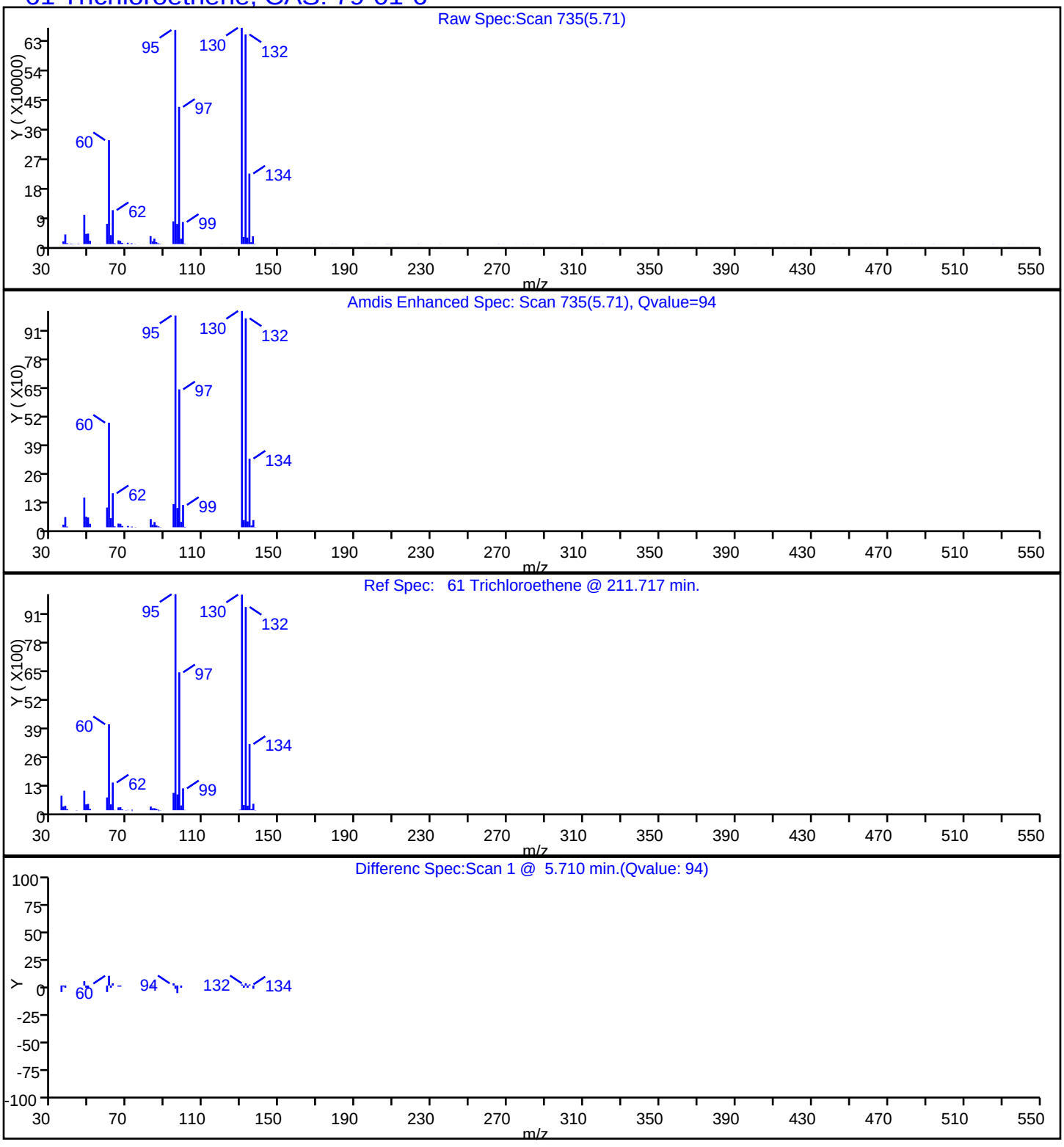
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date:	16-Mar-2014 17:15:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-20-A	Lab Sample ID:	460-72174-20		
Client ID:	PMP-24SW-VD				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

61 Trichloroethene, CAS: 79-01-6



Report Date: 17-Mar-2014 15:45:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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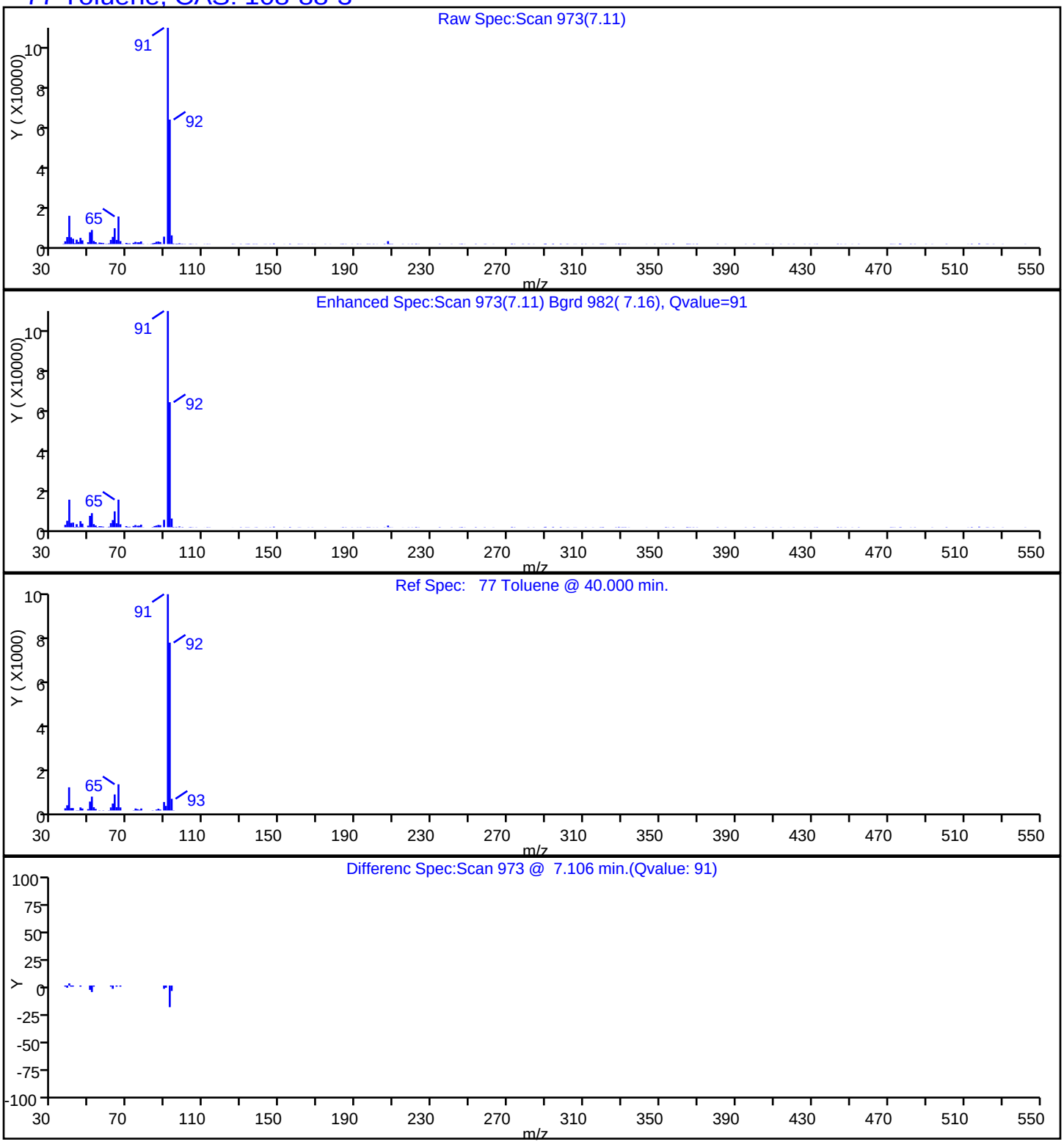
Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date:	16-Mar-2014 17:15:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-20-A	Lab Sample ID:	460-72174-20		
Client ID:	PMP-24SW-VD				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

77 Toluene, CAS: 108-88-3



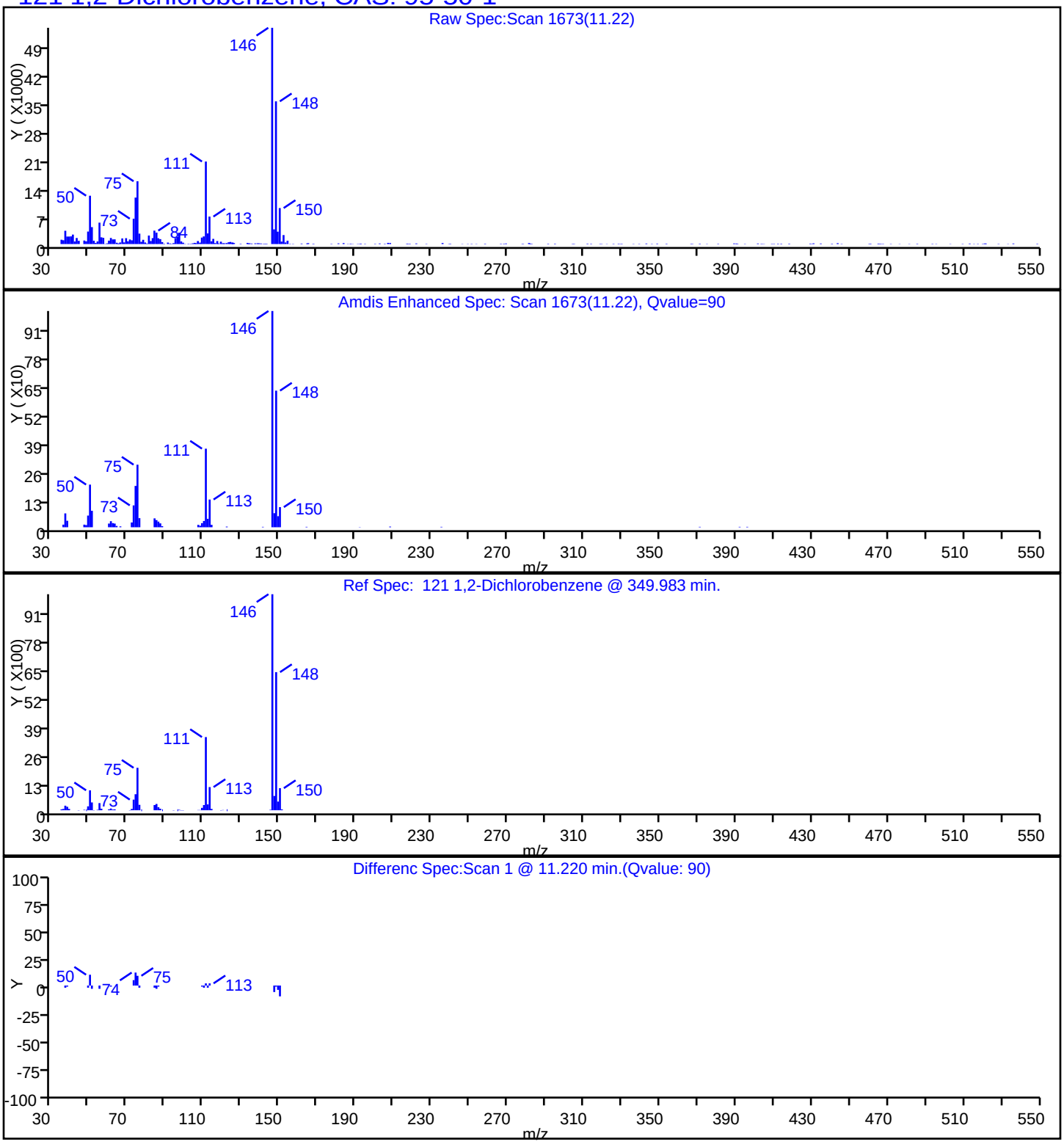
Report Date: 17-Mar-2014 15:45:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date:	16-Mar-2014 17:15:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-20-A	Lab Sample ID:	460-72174-20		
Client ID:	PMP-24SW-VD				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

121 1,2-Dichlorobenzene, CAS: 95-50-1



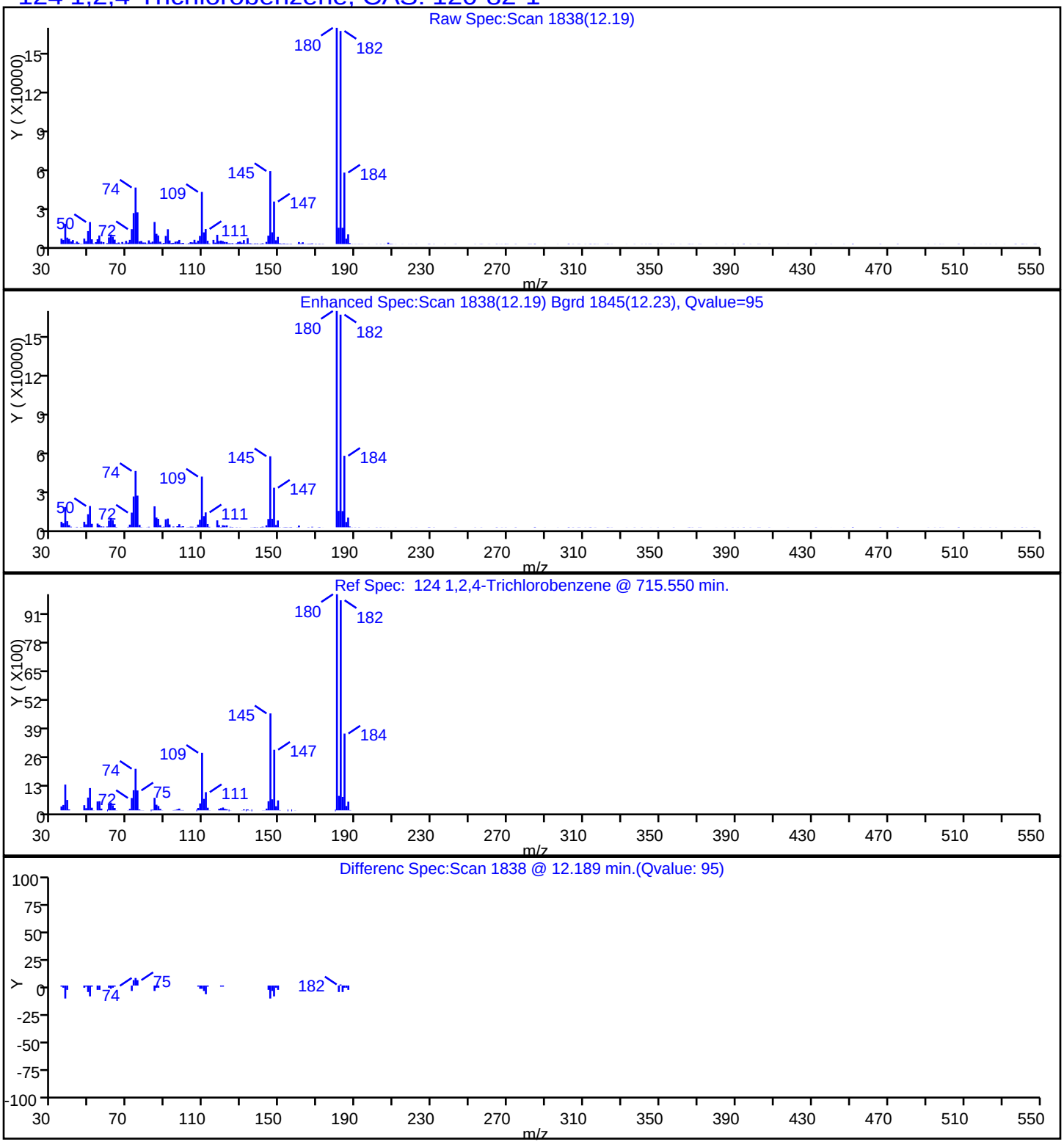
Report Date: 17-Mar-2014 15:45:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date:	16-Mar-2014 17:15:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-20-A	Lab Sample ID:	460-72174-20		
Client ID:	PMP-24SW-VD				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1

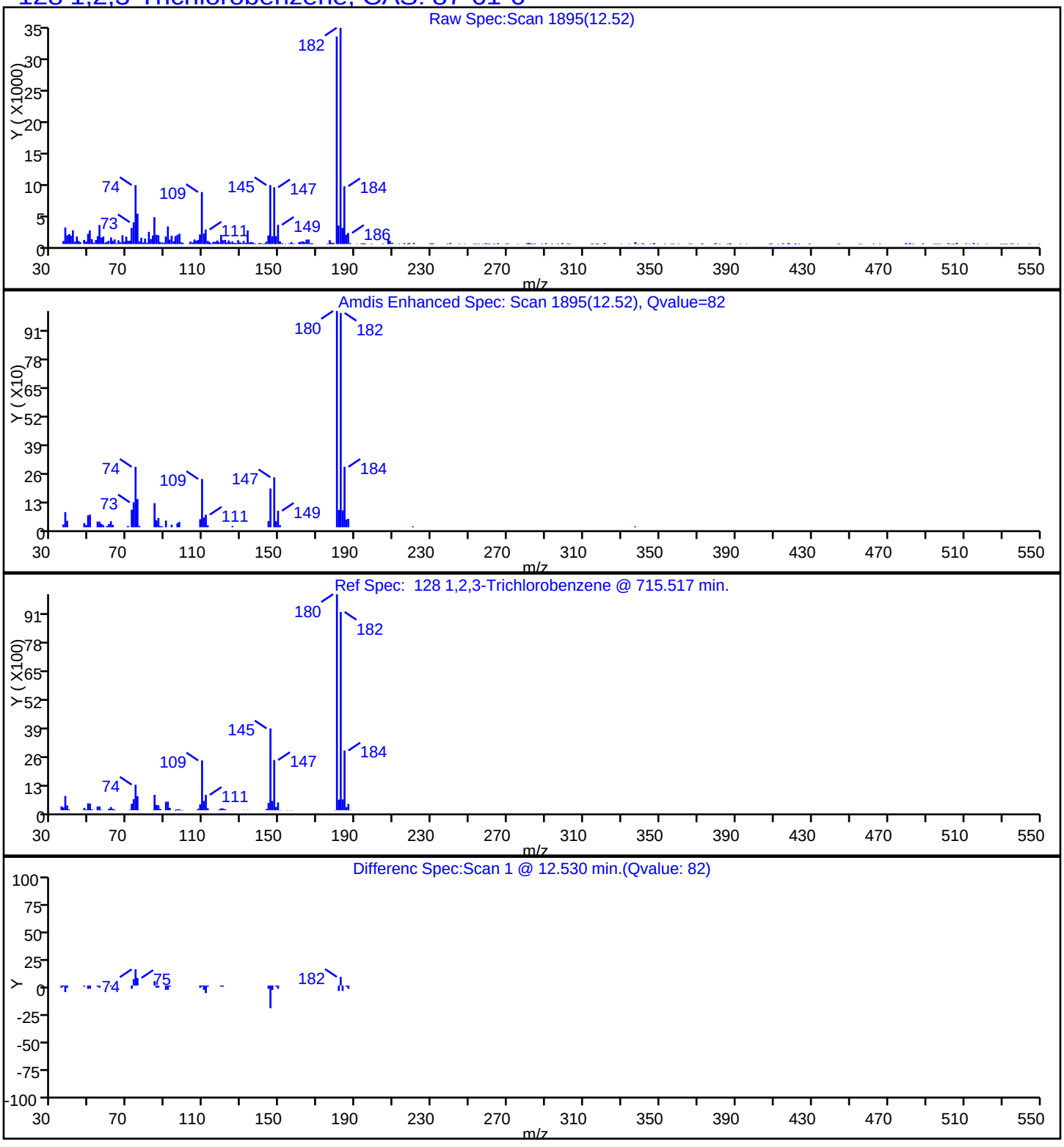


Report Date: 17-Mar-2014 15:45:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D		
Injection Date:	16-Mar-2014 17:15:30	Instrument ID:	CVOAMS8
Lims ID:	460-72174-A-20-A	Lab Sample ID:	460-72174-20
Client ID:	PMP-24SW-VD		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



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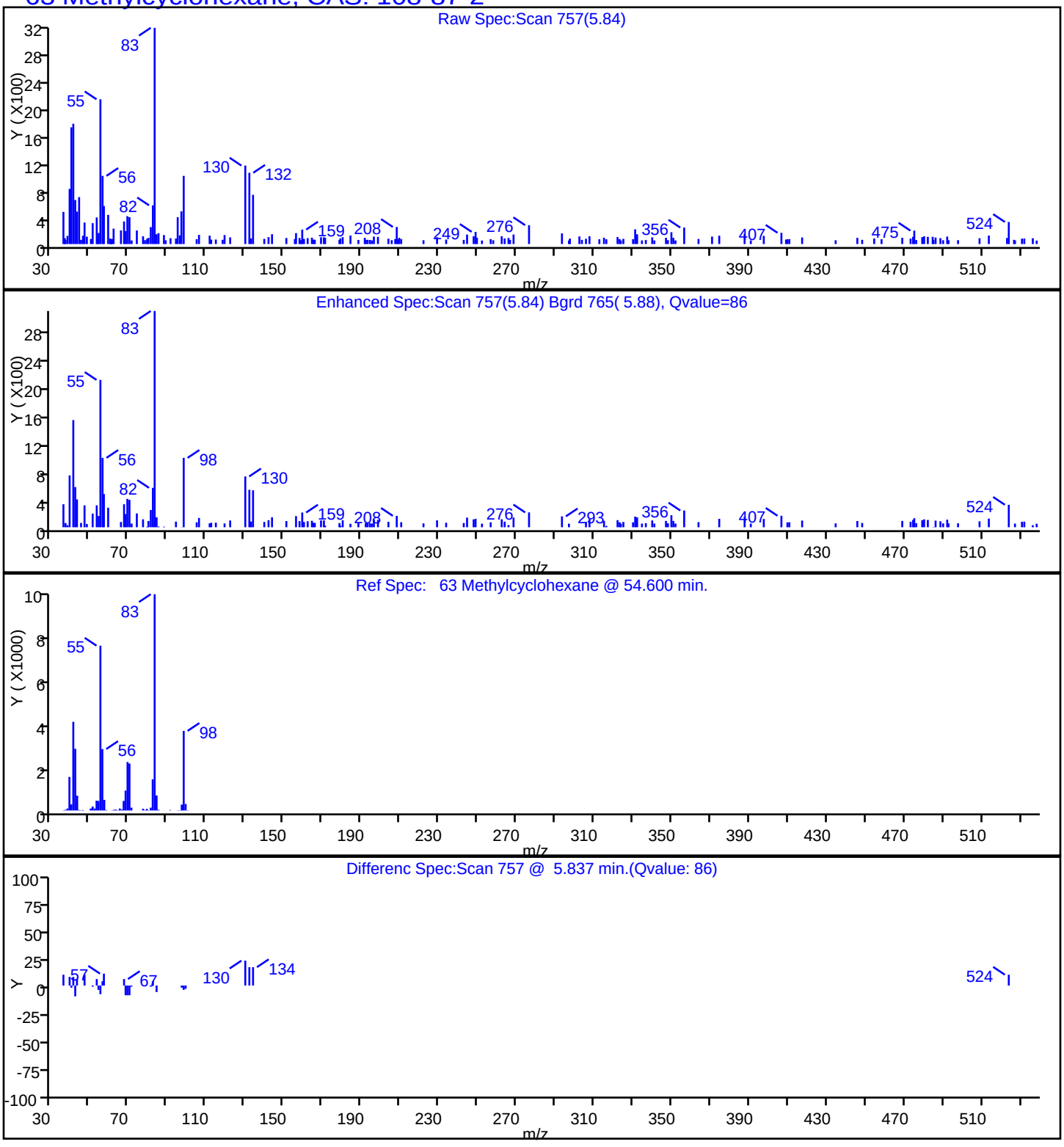
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D				
Injection Date:	16-Mar-2014 17:15:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-20-A	Lab Sample ID:	460-72174-20		
Client ID:	PMP-24SW-VD				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

63 Methylcyclohexane, CAS: 108-87-2



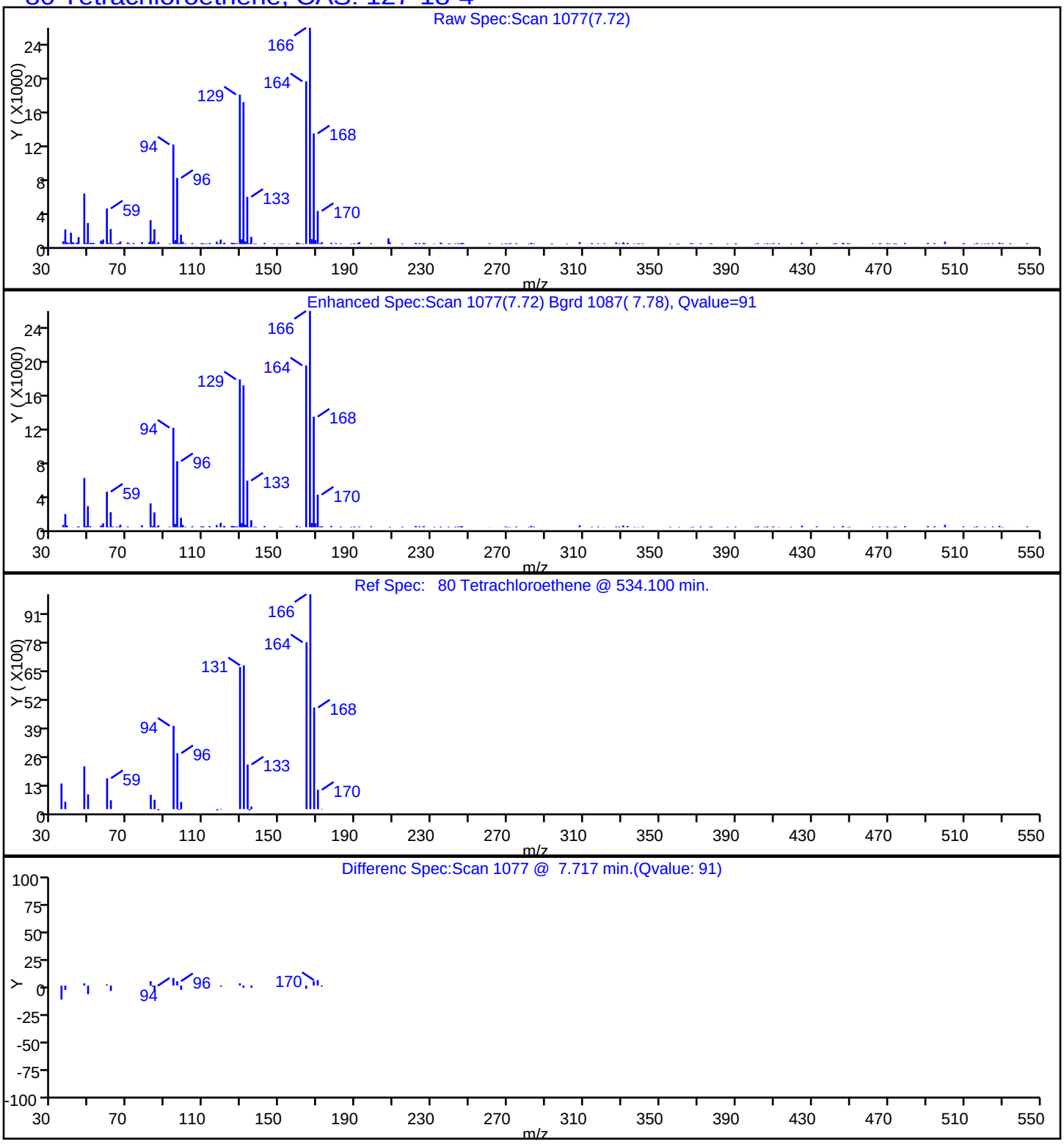
Report Date: 17-Mar-2014 15:45:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date:	16-Mar-2014 17:15:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-20-A	Lab Sample ID:	460-72174-20		
Client ID:	PMP-24SW-VD				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

80 Tetrachloroethene, CAS: 127-18-4



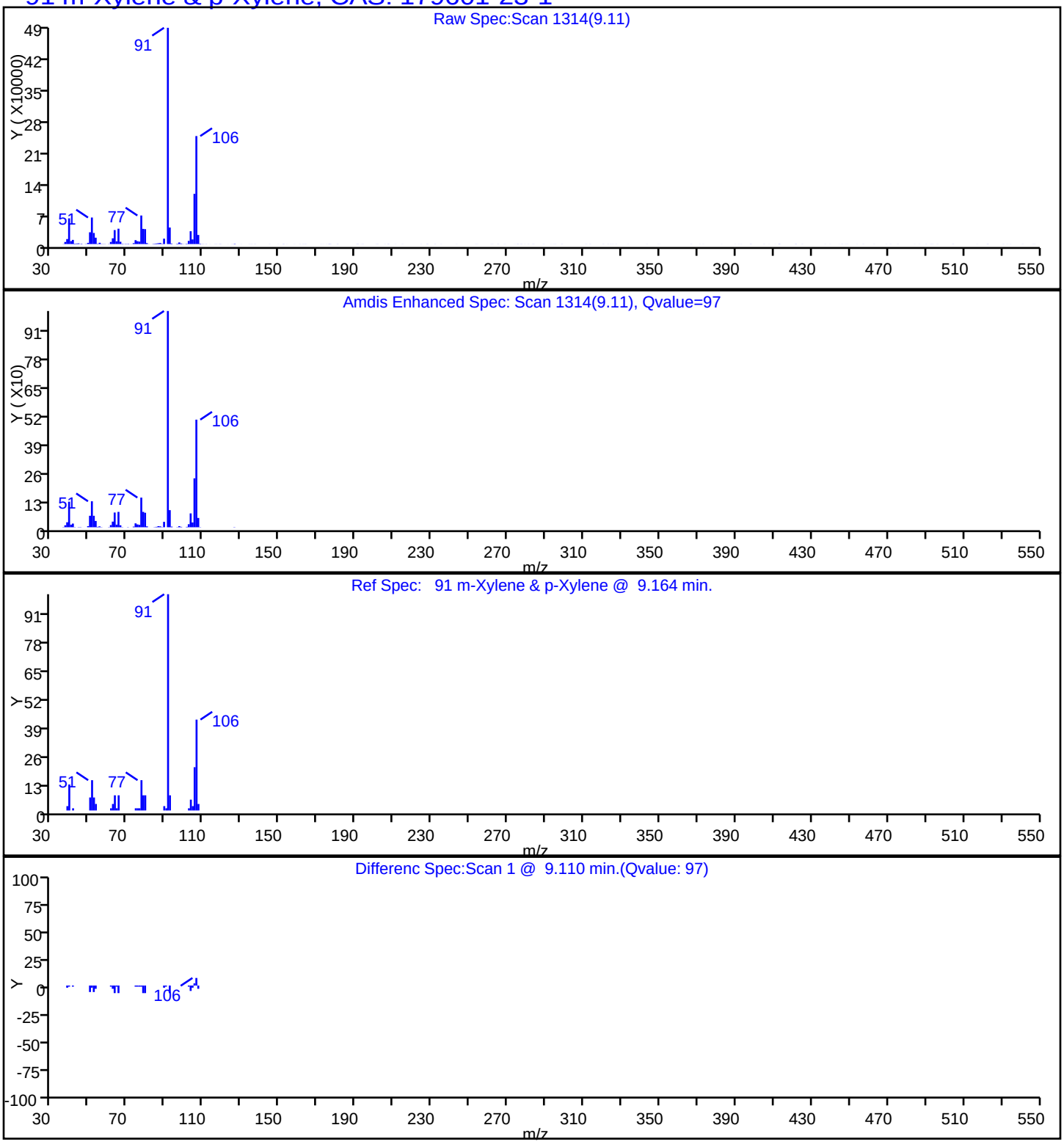
Report Date: 17-Mar-2014 15:45:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date:	16-Mar-2014 17:15:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-20-A	Lab Sample ID:	460-72174-20		
Client ID:	PMP-24SW-VD				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

91 m-Xylene & p-Xylene, CAS: 179601-23-1



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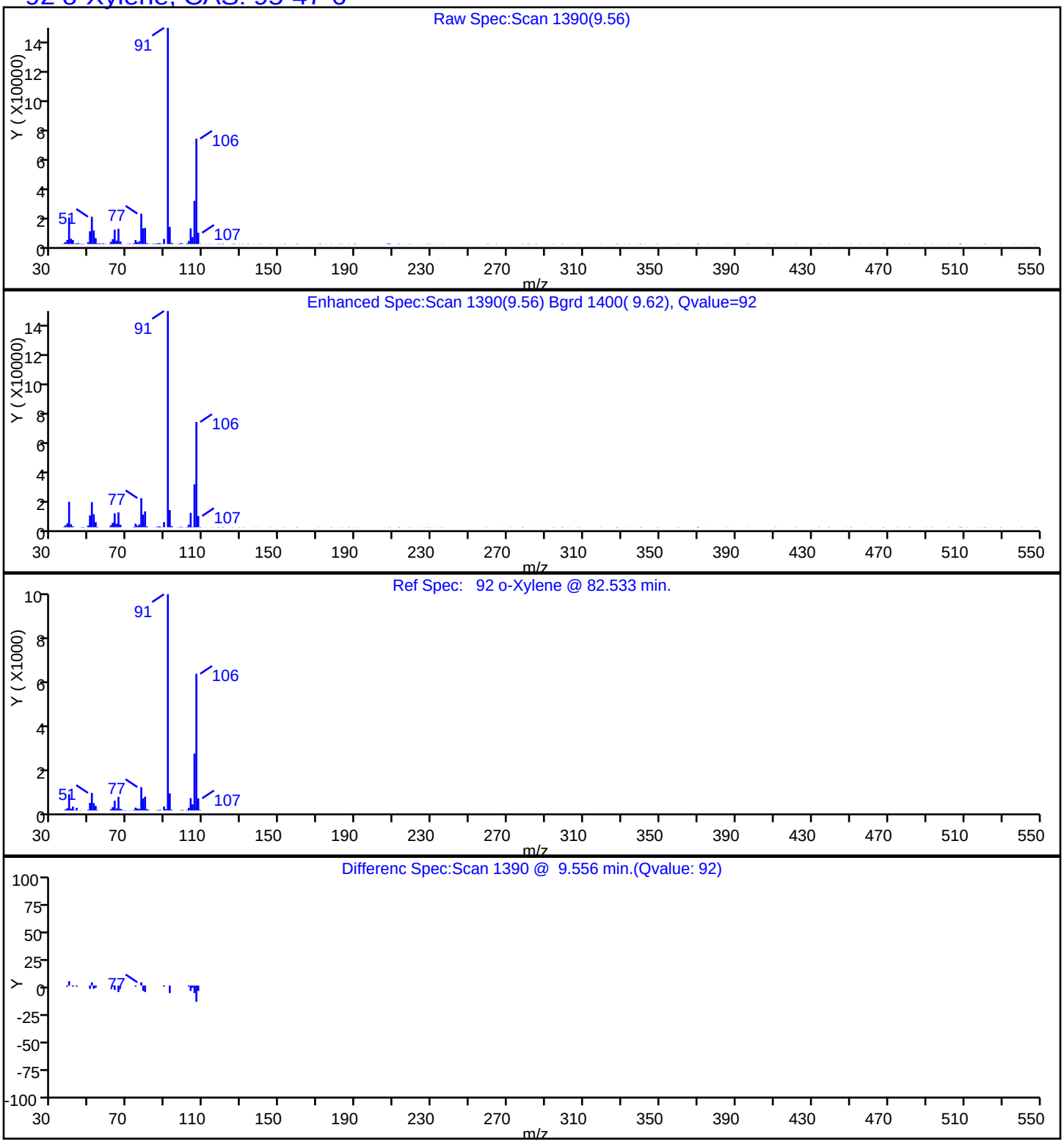
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date:	16-Mar-2014 17:15:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-20-A	Lab Sample ID:	460-72174-20		
Client ID:	PMP-24SW-VD				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

92 o-Xylene, CAS: 95-47-6



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Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date: 16-Mar-2014 17:15:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

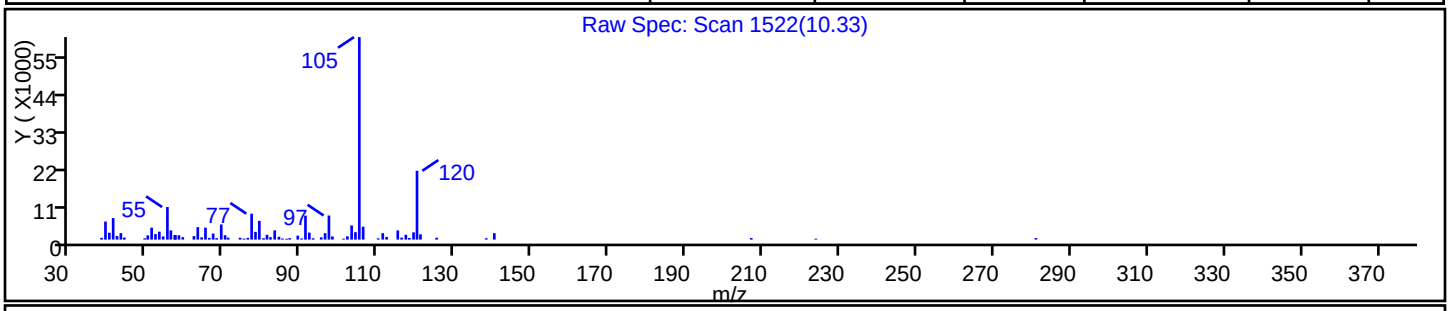
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

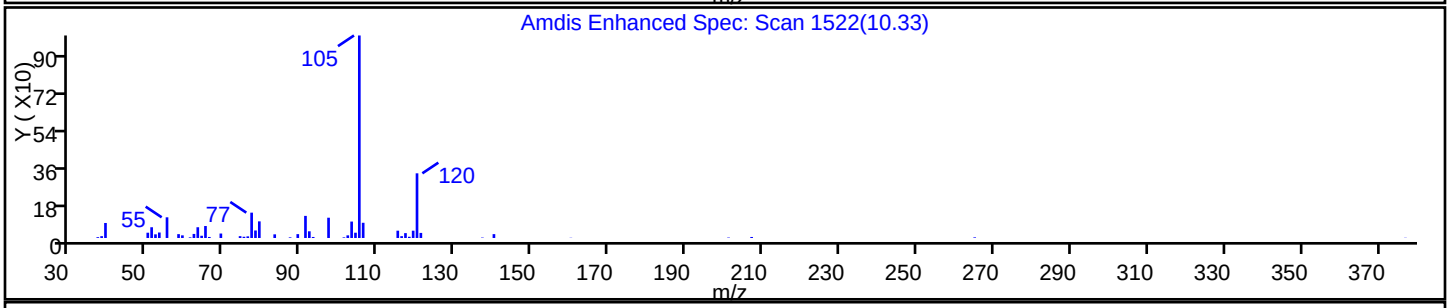
Purge Vol: 5.000 mL Dil. Factor: 1000.0000

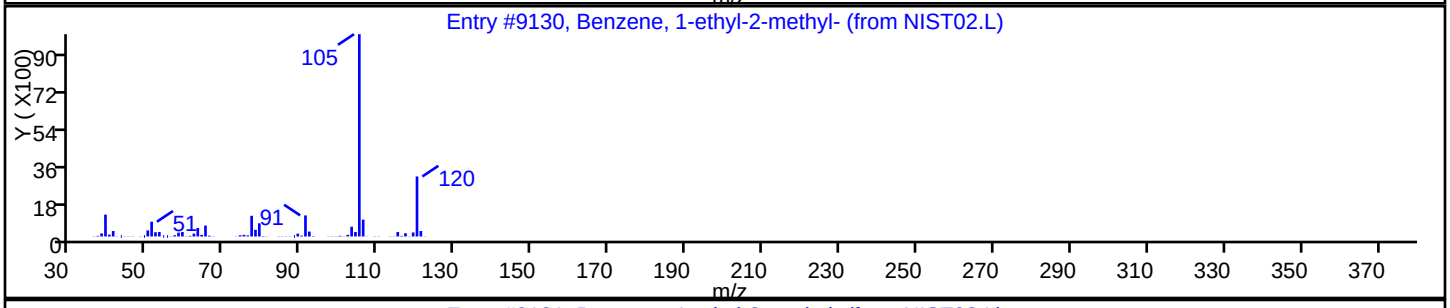
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

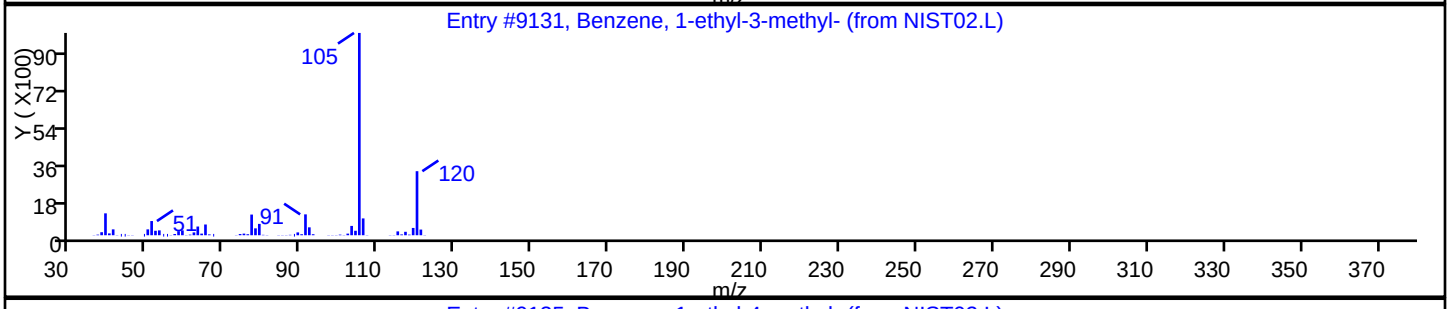
Column: Detector MS SCAN

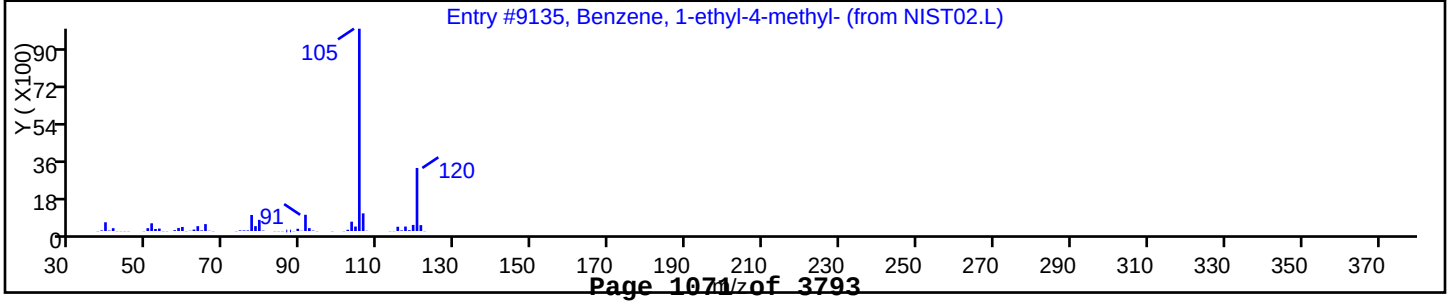
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.L	9130	C9H12	120	94
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.L	9131	C9H12	120	94
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.L	9135	C9H12	120	81











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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date: 16-Mar-2014 17:15:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

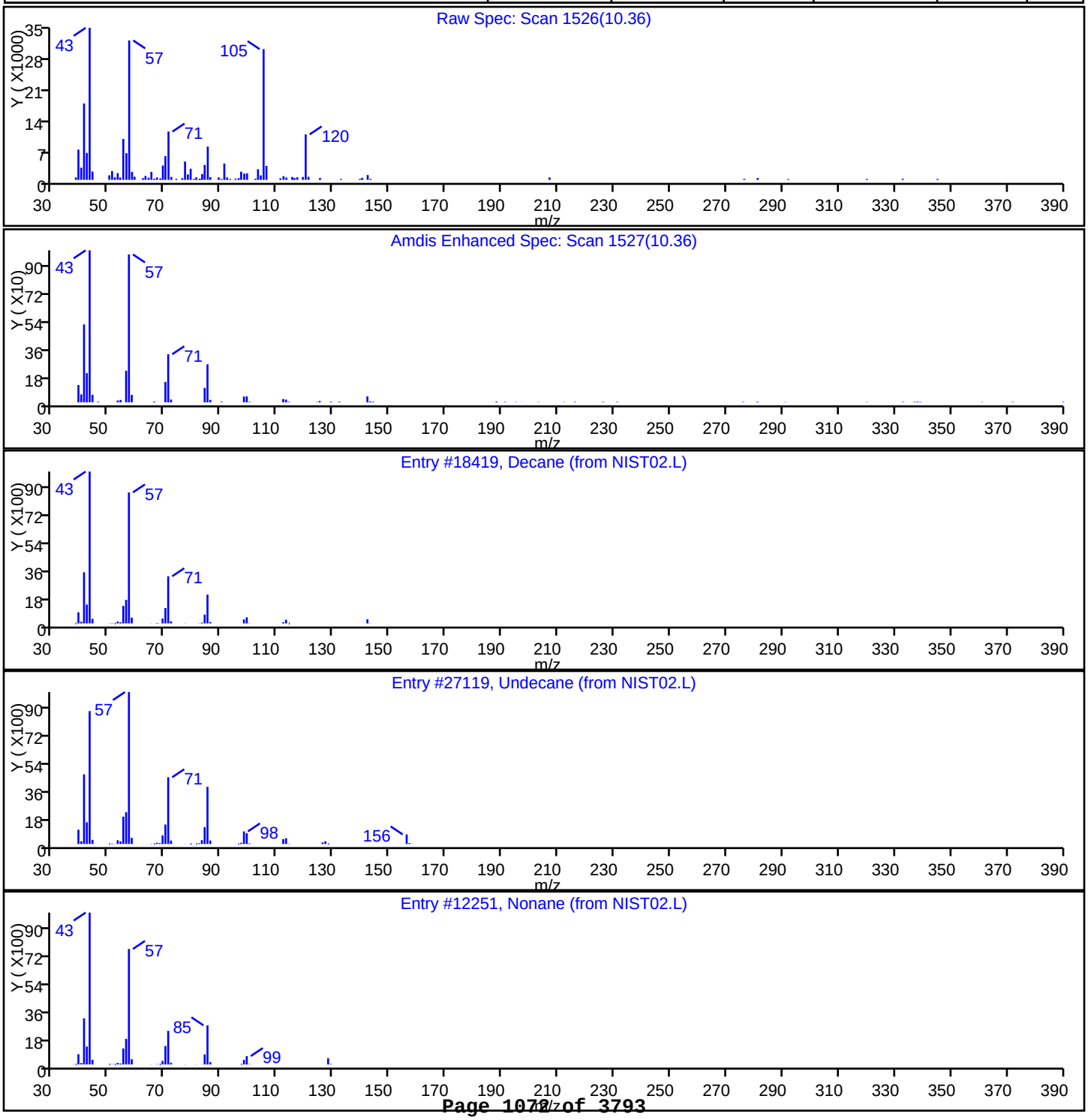
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 1000.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decane	124-18-5	NIST02.L	18419	C10H22	142	90
Undecane	1120-21-4	NIST02.L	27119	C11H24	156	83
Nonane	111-84-2	NIST02.L	12251	C9H20	128	72



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Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date: 16-Mar-2014 17:15:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

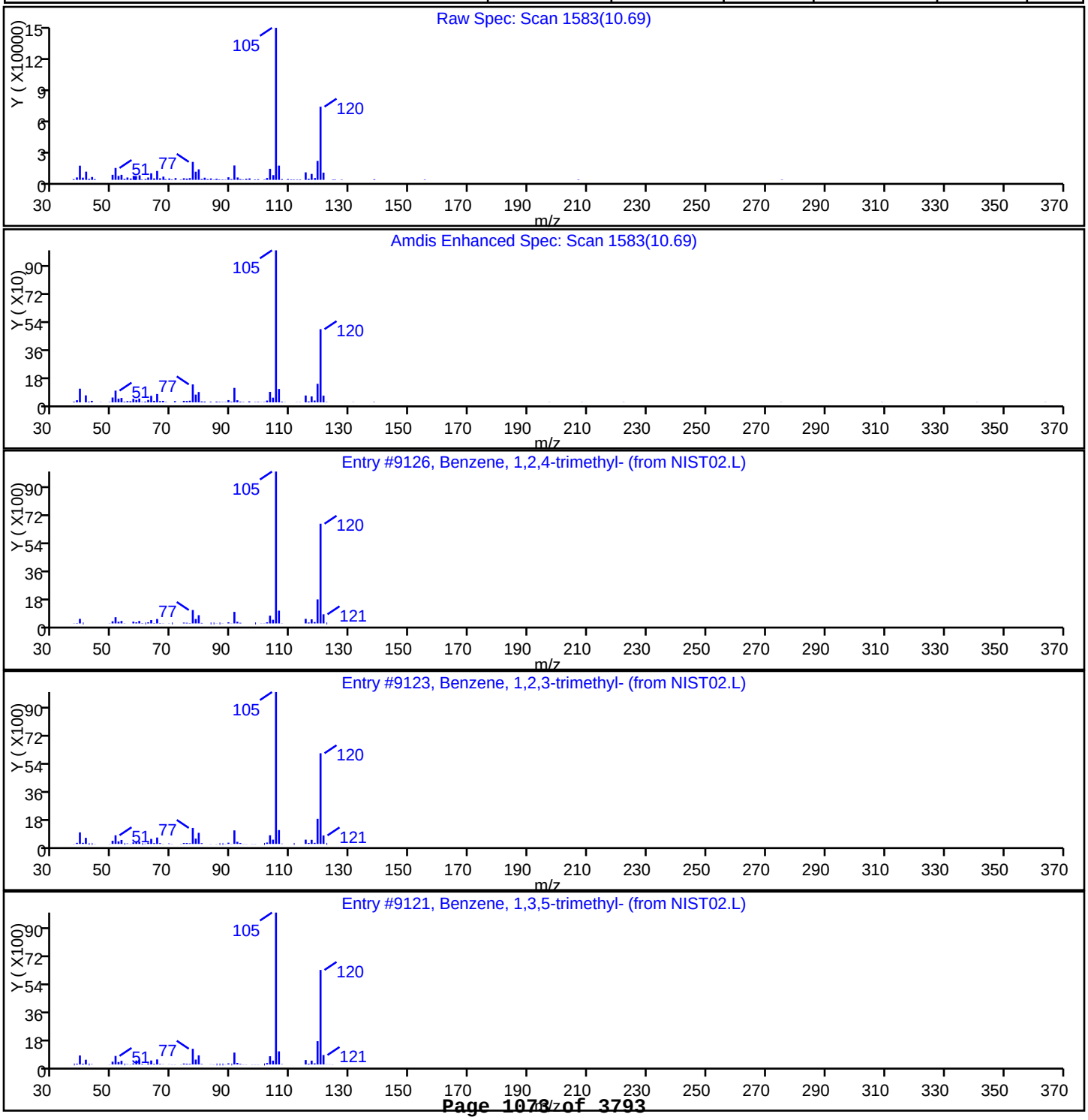
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 1000.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.L	9126	C9H12	120	95
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9123	C9H12	120	97
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.L	9121	C9H12	120	95



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Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date: 16-Mar-2014 17:15:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

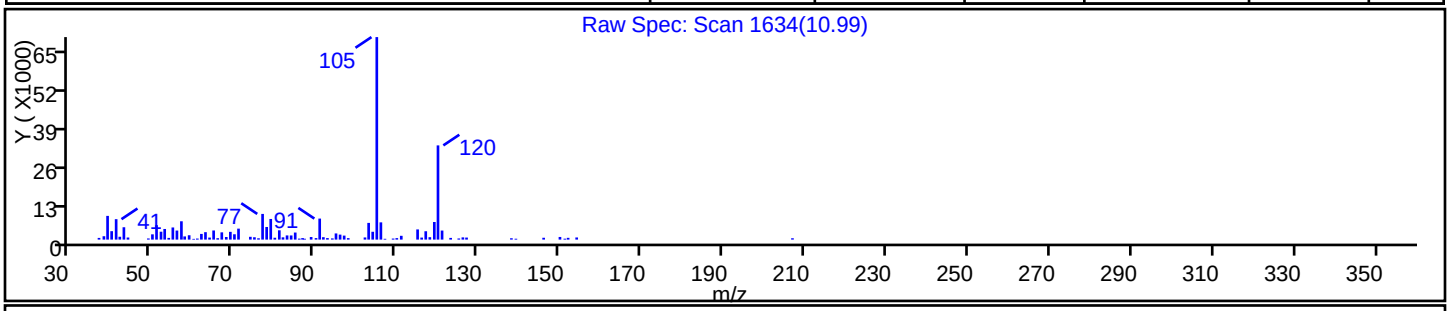
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

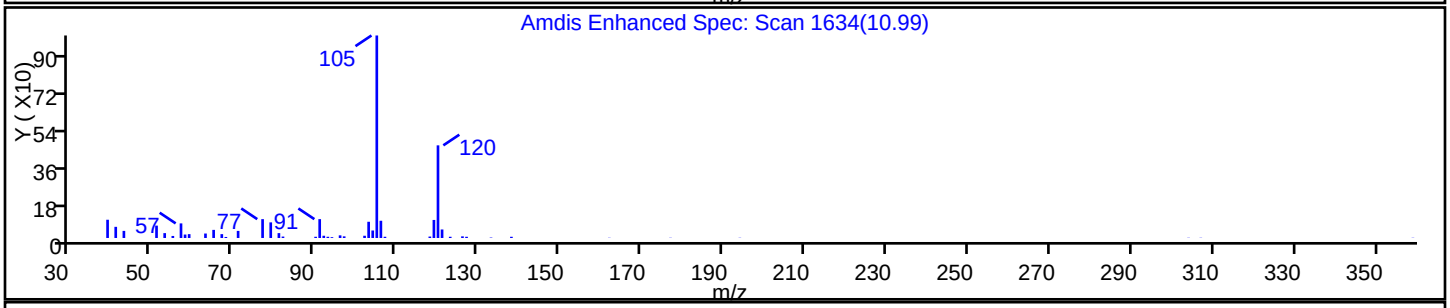
Purge Vol: 5.000 mL Dil. Factor: 1000.0000

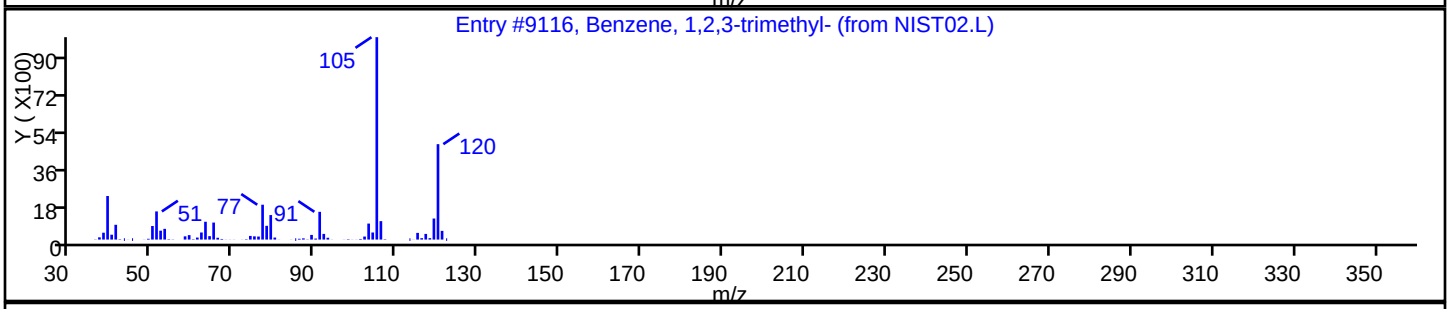
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

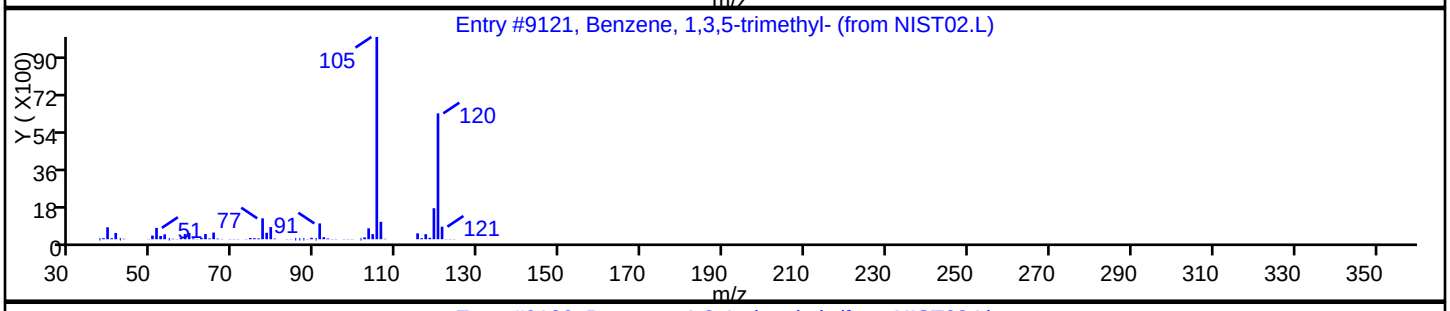
Column: Detector MS SCAN

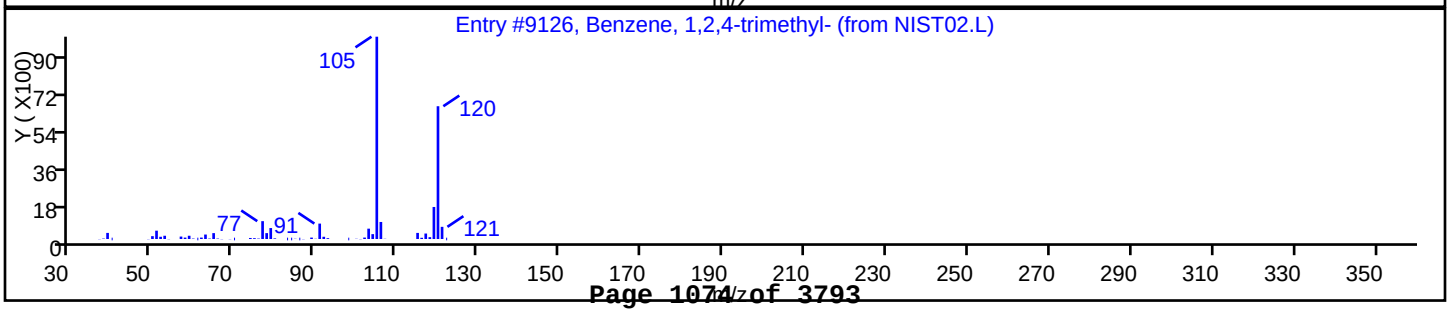
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9116	C9H12	120	91
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.L	9121	C9H12	120	91
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.L	9126	C9H12	120	91











Report Date: 17-Mar-2014 15:45:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date: 16-Mar-2014 17:15:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

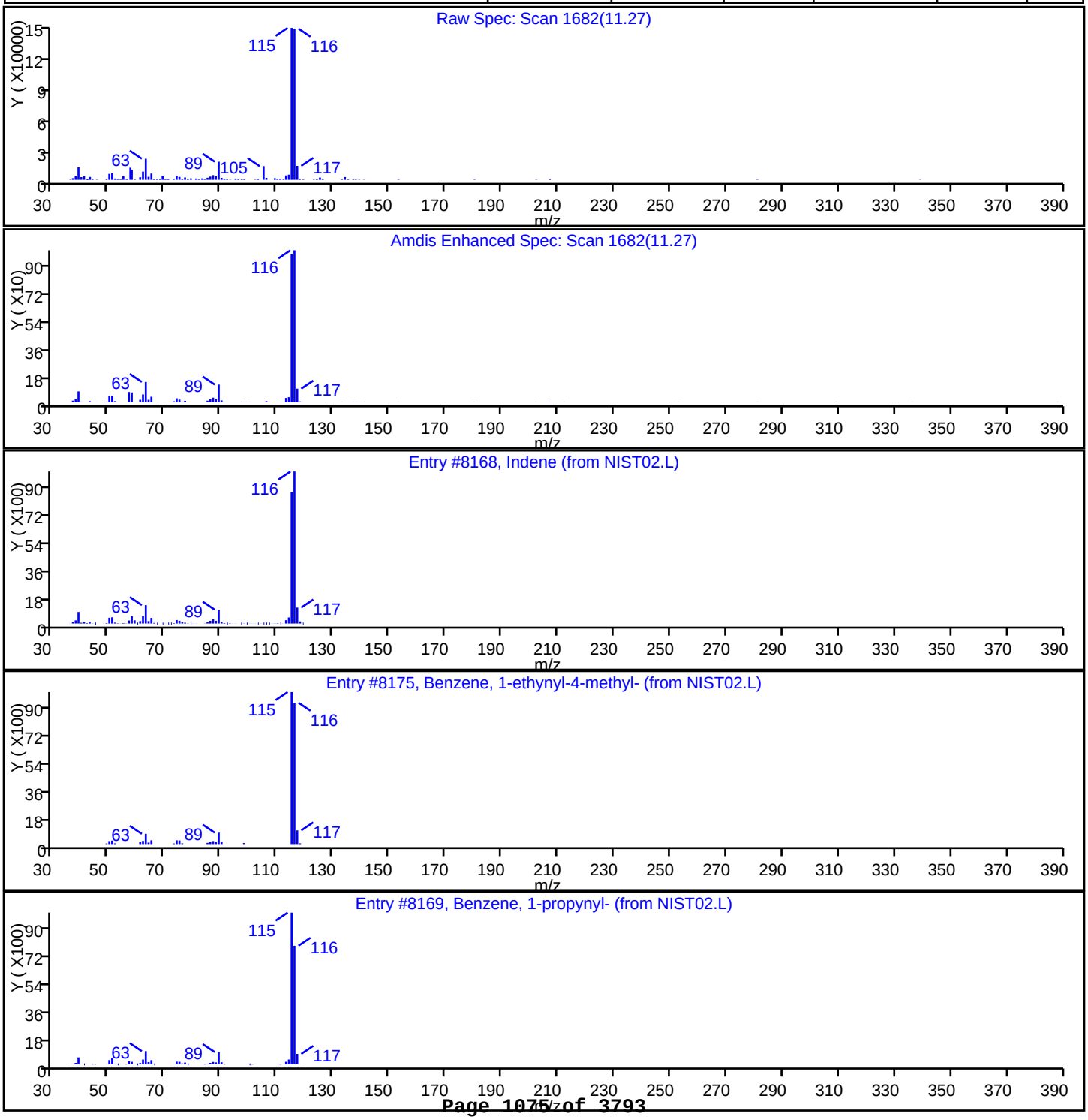
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 1000.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Indene	95-13-6	NIST02.L	8168	C9H8	116	97
Benzene, 1-ethynyl-4-methyl-	766-97-2	NIST02.L	8175	C9H8	116	91
Benzene, 1-propynyl-	673-32-5	NIST02.L	8169	C9H8	116	91



Report Date: 17-Mar-2014 15:45:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date: 16-Mar-2014 17:15:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

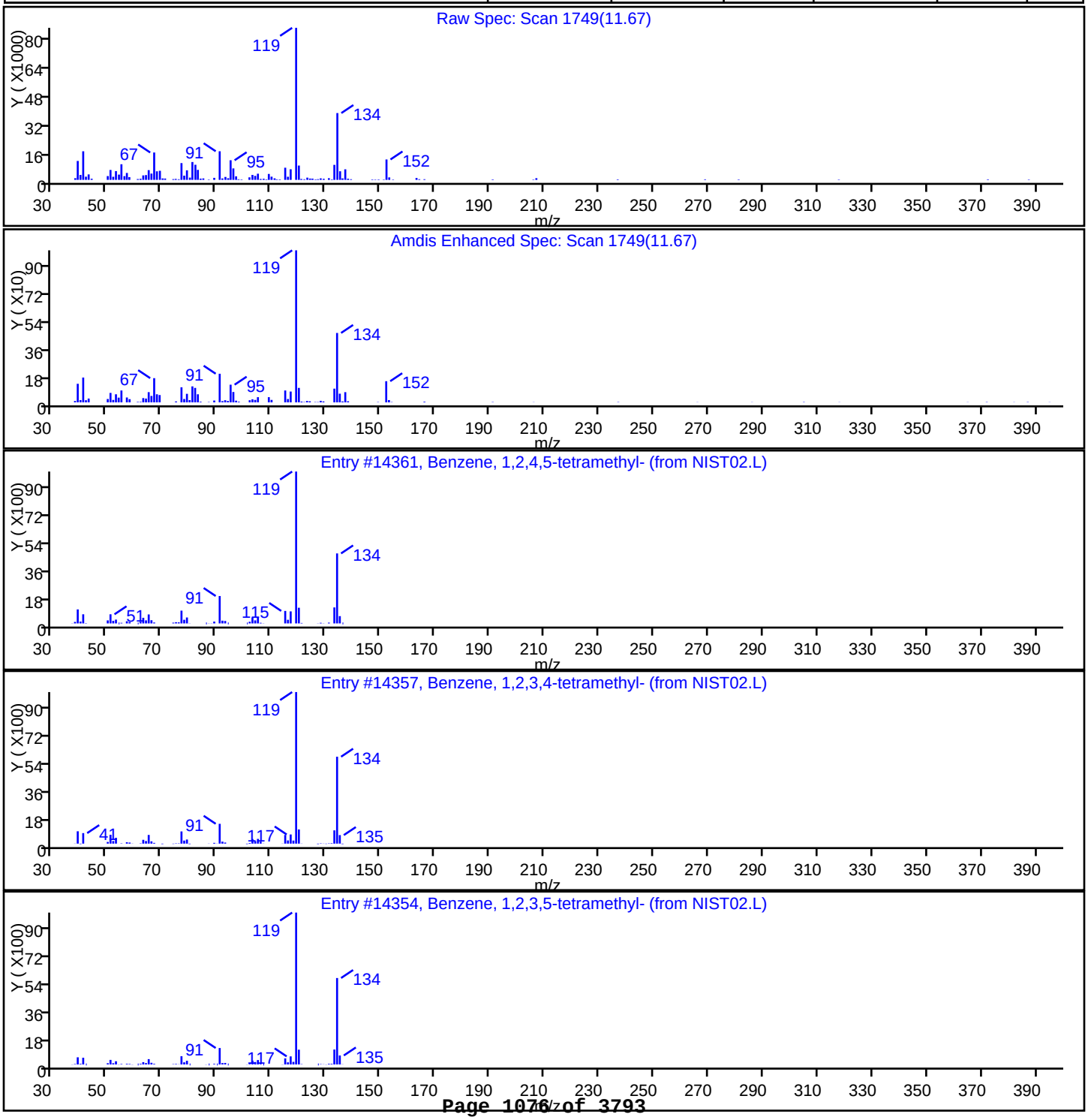
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 1000.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	C10H14	134	90
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14357	C10H14	134	81
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.L	14354	C10H14	134	81



Report Date: 17-Mar-2014 15:45:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date: 16-Mar-2014 17:15:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

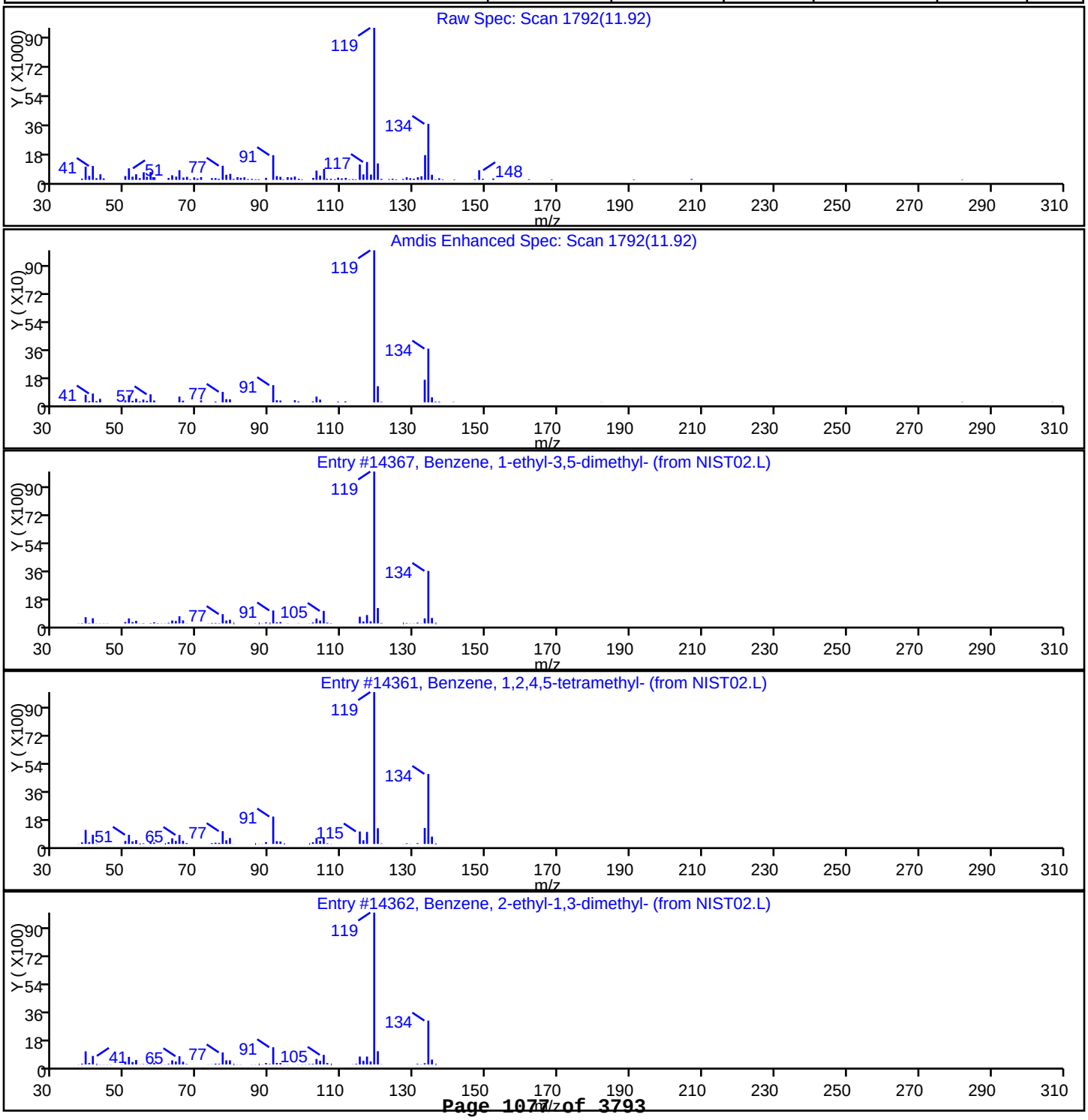
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 1000.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.L	14367	C10H14	134	86
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	C10H14	134	86
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.L	14362	C10H14	134	86



Report Date: 17-Mar-2014 15:45:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date: 16-Mar-2014 17:15:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

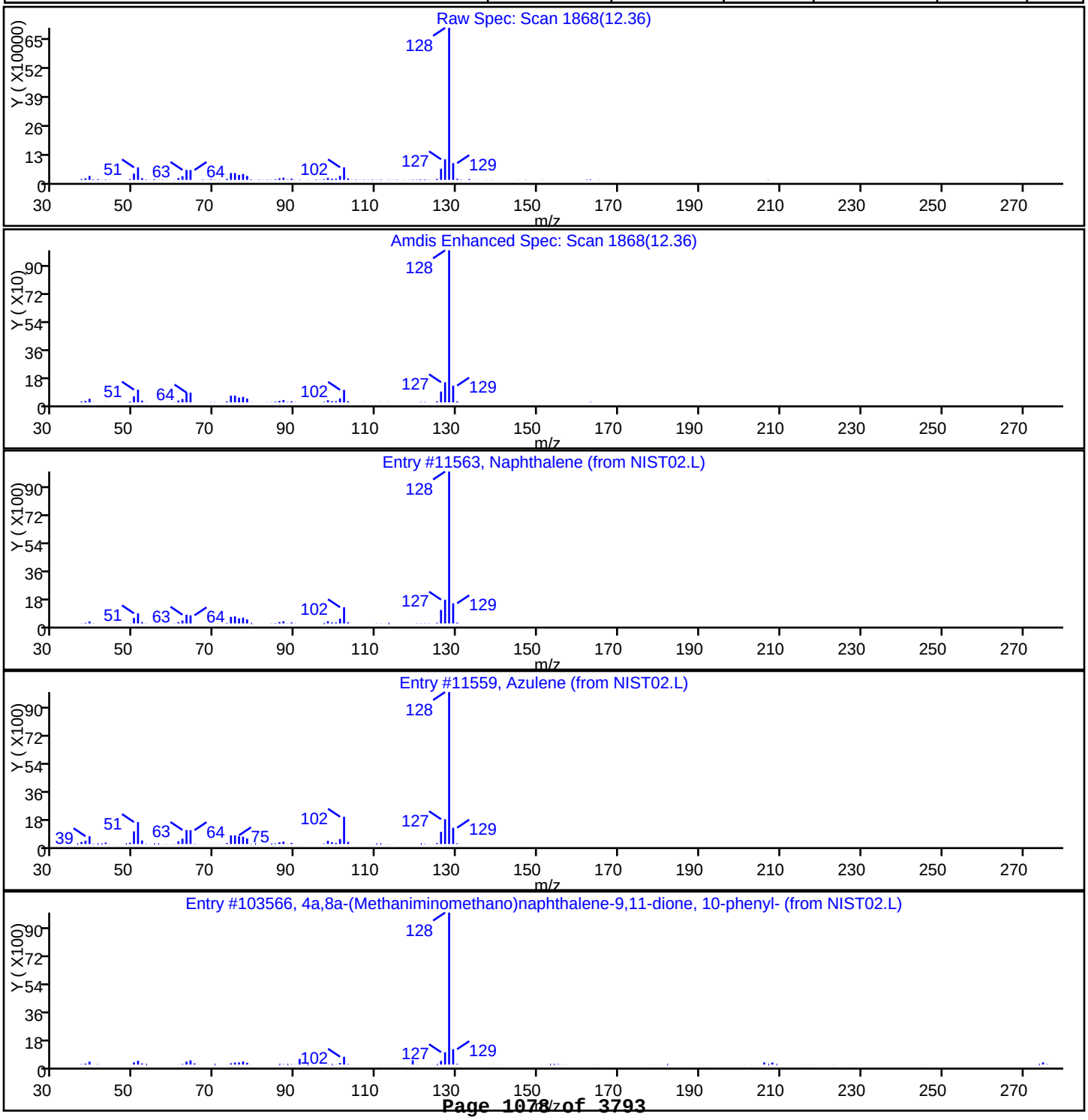
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 1000.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene	91-20-3	NIST02.L	11563	C10H8	128	97
Azulene	275-51-4	NIST02.L	11559	C10H8	128	91
4a,8a-(Methaniminomethano)naphthalene-9,	69915-10-2	NIST02.L	103566	C18H13NO2	275	74



Report Date: 17-Mar-2014 15:45:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date: 16-Mar-2014 17:15:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

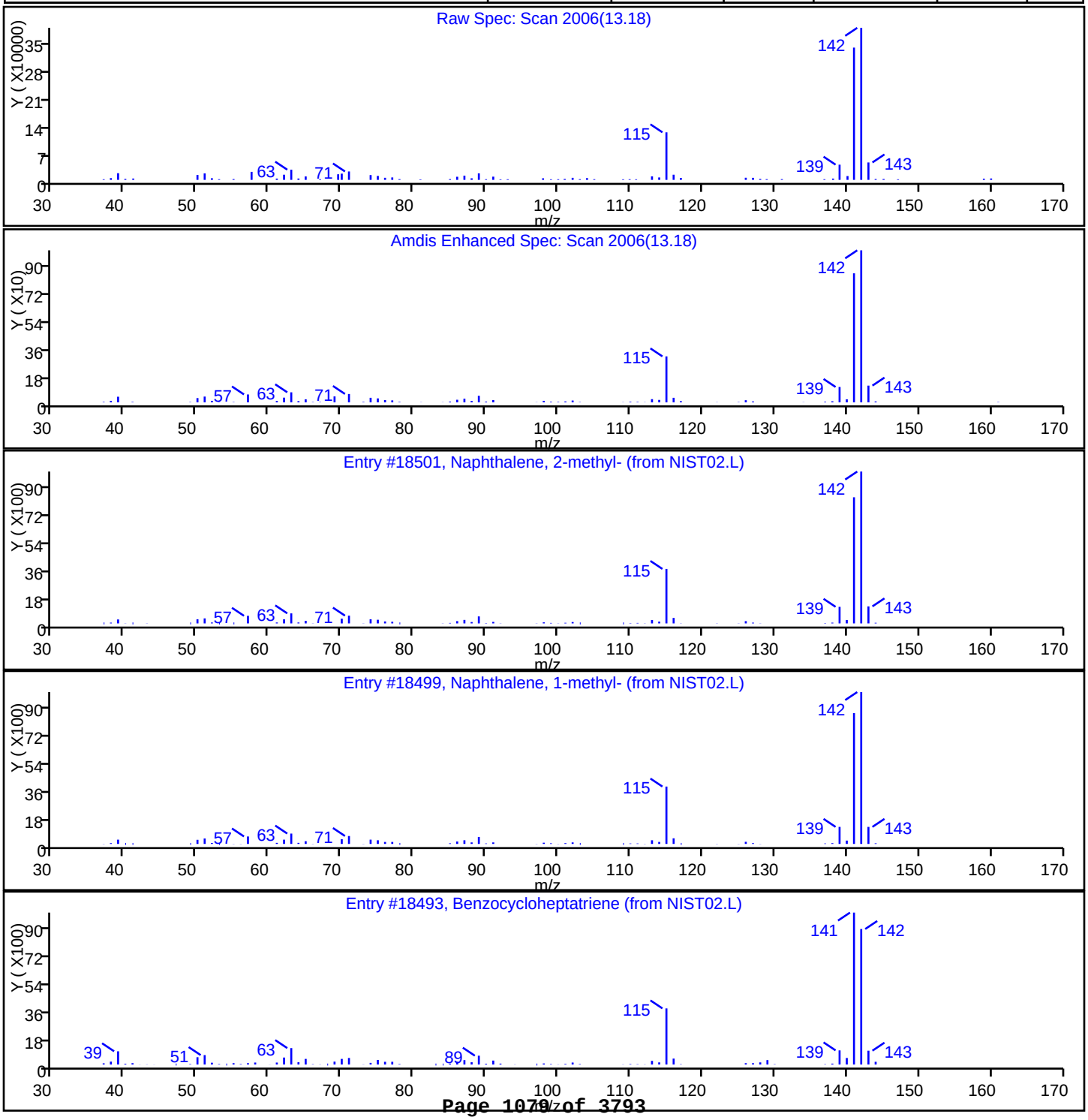
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 1000.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	C11H10	142	96
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	C11H10	142	96
Benzocycloheptatriene	264-09-5	NIST02.L	18493	C11H10	142	91



Report Date: 17-Mar-2014 15:45:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10087.D

Injection Date: 16-Mar-2014 17:15:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

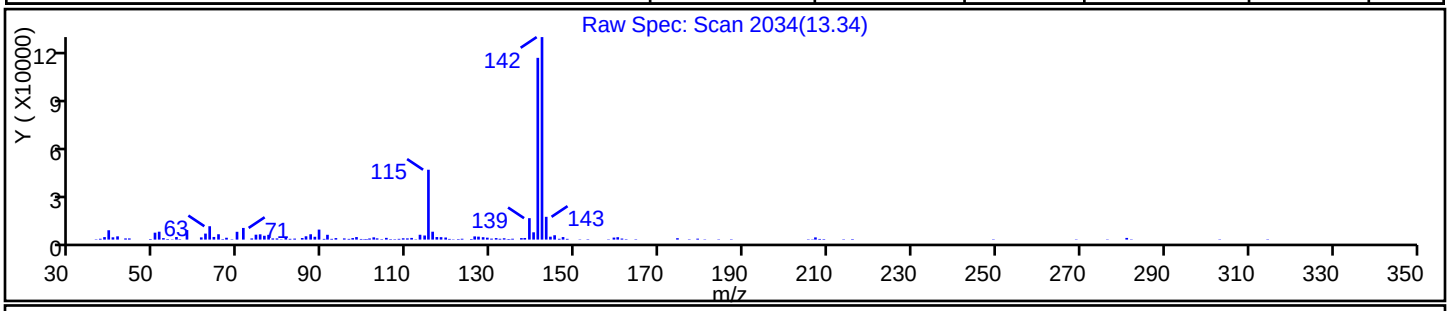
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

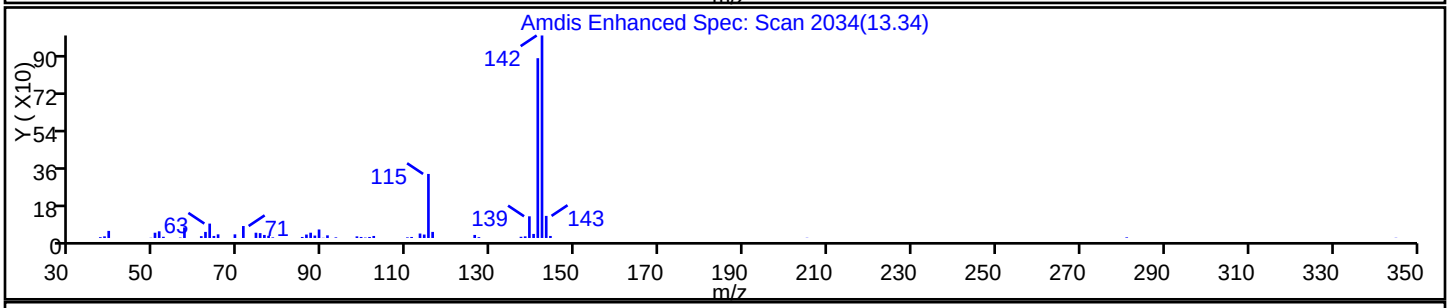
Purge Vol: 5.000 mL Dil. Factor: 1000.0000

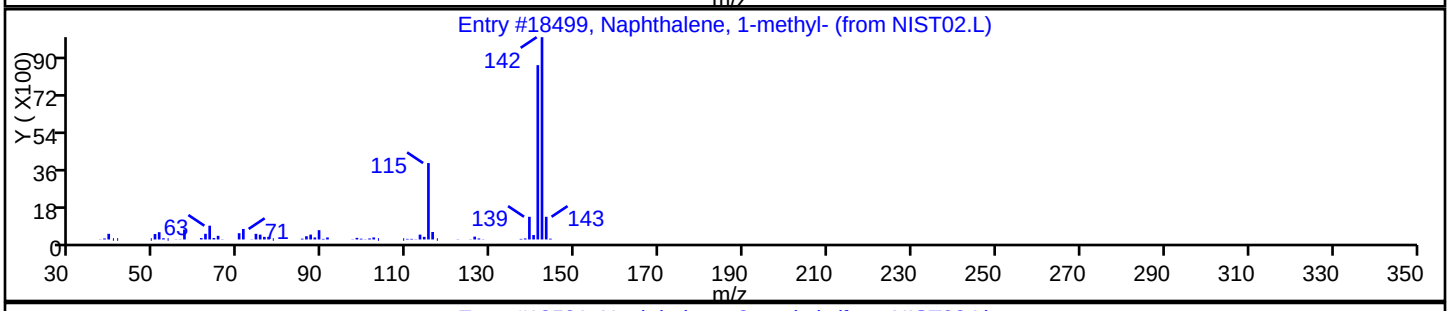
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

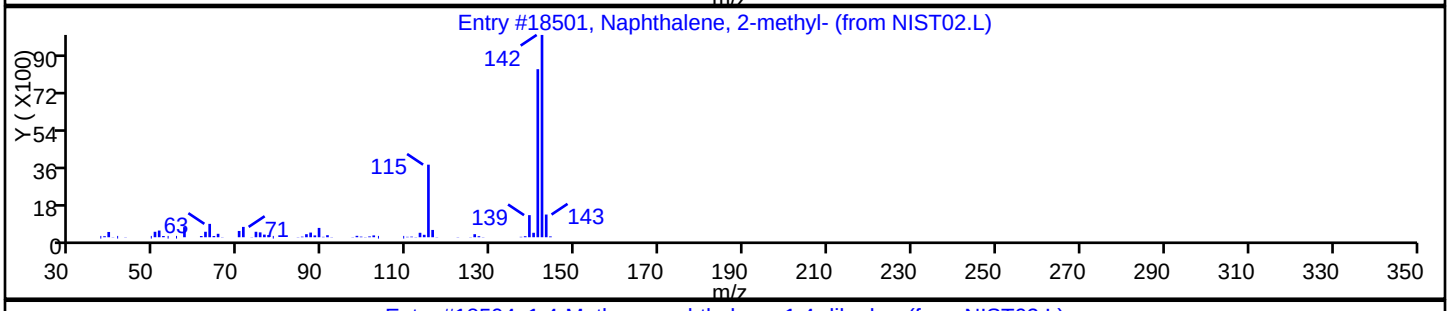
Column: Detector MS SCAN

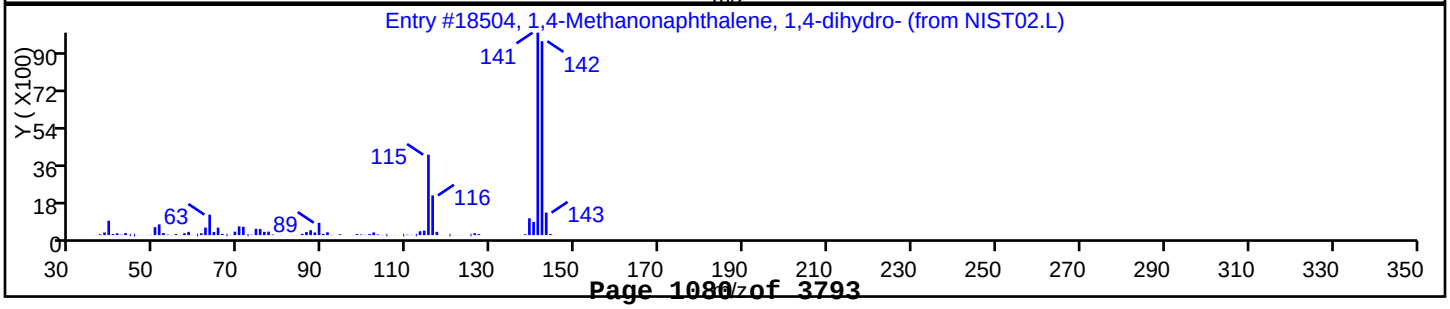
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	C11H10	142	96
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	C11H10	142	96
1,4-Methanonaphthalene, 1,4-dihydro-	4453-90-1	NIST02.L	18504	C11H10	142	91











FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SD | Lab Sample ID: 460-72174-21

Matrix: Solid | Lab File ID: D367302.D

Analysis Method: 8260B | Date Collected: 03/06/2014 15:30

Sample wt/vol: 6.505(g) | Date Analyzed: 03/13/2014 14:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 18.6 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.94	0.15
74-83-9	Bromomethane	0.41	U	0.94	0.41
75-01-4	Vinyl chloride	0.32	U	0.94	0.32
75-00-3	Chloroethane	0.31	U	0.94	0.31
75-09-2	Methylene Chloride	0.14	U	0.94	0.14
67-64-1	Acetone	1.6	U	4.7	1.6
75-15-0	Carbon disulfide	0.14	U	0.94	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.94	0.15
75-35-4	1,1-Dichloroethene	0.18	U	0.94	0.18
75-34-3	1,1-Dichloroethane	0.10	U	0.94	0.10
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.94	0.12
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.94	0.10
67-66-3	Chloroform	0.68	J	0.94	0.23
78-93-3	2-Butanone	0.59	U	4.7	0.59
107-06-2	1,2-Dichloroethane	0.17	U	0.94	0.17
71-55-6	1,1,1-Trichloroethane	0.12	U	0.94	0.12
56-23-5	Carbon tetrachloride	0.14	U	0.94	0.14
71-43-2	Benzene	0.14	U	0.94	0.14
75-25-2	Bromoform	0.16	U	0.94	0.16
100-42-5	Styrene	0.26	U	0.94	0.26
100-41-4	Ethylbenzene	0.16	U	0.94	0.16
108-90-7	Chlorobenzene	0.17	U	0.94	0.17
110-82-7	Cyclohexane	0.12	U	0.94	0.12
98-82-8	Isopropylbenzene	0.10	U	0.94	0.10
591-78-6	2-Hexanone	0.12	U	4.7	0.12
1634-04-4	MTBE	0.10	U	0.94	0.10
76-13-1	Freon TF	0.10	U	0.94	0.10
79-20-9	Methyl acetate	0.30	U	4.7	0.30
123-91-1	1,4-Dioxane	12	U	19	12
79-01-6	Trichloroethene	1.6		0.94	0.11
108-88-3	Toluene	0.13	U	0.94	0.13
10061-02-6	trans-1,3-Dichloropropene	0.094	U	0.94	0.094
108-10-1	4-Methyl-2-pentanone	0.19	U	4.7	0.19
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.94	0.13
95-50-1	1,2-Dichlorobenzene	0.094	U	0.94	0.094
541-73-1	1,3-Dichlorobenzene	0.15	U	0.94	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SD | Lab Sample ID: 460-72174-21

Matrix: Solid | Lab File ID: D367302.D

Analysis Method: 8260B | Date Collected: 03/06/2014 15:30

Sample wt/vol: 6.505(g) | Date Analyzed: 03/13/2014 14:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 18.6 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.19	J	0.94	0.10
120-82-1	1,2,4-Trichlorobenzene	0.18	U	0.94	0.18
87-61-6	1,2,3-Trichlorobenzene	0.15	U	0.94	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.94	0.14
108-87-2	Methylcyclohexane	0.094	U	0.94	0.094
127-18-4	Tetrachloroethene	0.11	U	0.94	0.11
1330-20-7	Xylenes, Total	0.63	U	1.9	0.63
96-12-8	1,2-Dibromo-3-Chloropropane	0.42	U	0.94	0.42
79-34-5	1,1,2,2-Tetrachloroethane	0.085	U	0.94	0.085
79-00-5	1,1,2-Trichloroethane	0.13	U	0.94	0.13
124-48-1	Dibromochloromethane	0.094	U	0.94	0.094
106-93-4	1,2-Dibromoethane	0.14	U	0.94	0.14
75-71-8	Dichlorodifluoromethane	0.21	U	0.94	0.21
74-97-5	Bromochloromethane	0.10	U	0.94	0.10
75-27-4	Bromodichloromethane	0.30	U	0.94	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	Bromofluorobenzene	95		70-130
1868-53-7	Dibromofluoromethane (Surr)	92		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SD Lab Sample ID: 460-72174-21

Matrix: Solid Lab File ID: D367302.D

Analysis Method: 8260B Date Collected: 03/06/2014 15:30

Sample wt/vol: 6.505(g) Date Analyzed: 03/13/2014 14:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 18.6 Level: (low/med) Low

Analysis Batch No.: 212326 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Report Date: 15-Mar-2014 13:29:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367302.D
Lims ID: 460-72174-B-21-A Lab Sample ID: 460-72174-21
Client ID: PMP-10SW-SD
Sample Type: Client
Inject. Date: 13-Mar-2014 14:37:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-21-A
Misc. Info.: 460-0010815-022
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 13:27:34 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: starzecm Date: 13-Mar-2014 19:23:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.628	2.628	0.0	60	133522	1000.0	
47 Chloroform	83	3.541	3.554	-0.013	73	3665	0.7167	
$ 152 Dibromofluoromethane (Surr)	113	3.699	3.702	-0.003	90	89921	46.2	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.149	4.152	-0.003	95	80684	47.6	
* 59 Fluorobenzene	96	4.409	4.409	0.0	87	443020	50.0	
61 Trichloroethene	95	4.564	4.567	-0.003	79	5200	1.69	
* 150 1,4-Dioxane-d8	96	5.387	5.377	0.010	1	9530	1000.0	M
$ 76 Toluene-d8 (Surr)	98	6.072	6.072	0.0	90	413499	45.1	
* 87 Chlorobenzene-d5	117	7.776	7.776	0.0	87	265542	50.0	
$ 99 4-Bromofluorobenzene	174	8.856	8.853	0.003	72	89834	47.5	
* 116 1,4-Dichlorobenzene-d4	152	9.724	9.721	0.003	88	128583	50.0	
117 1,4-Dichlorobenzene	146	9.731	9.731	0.0	18	1155	0.2025	

QC Flag Legend

Review Flags
M - Manually Integrated

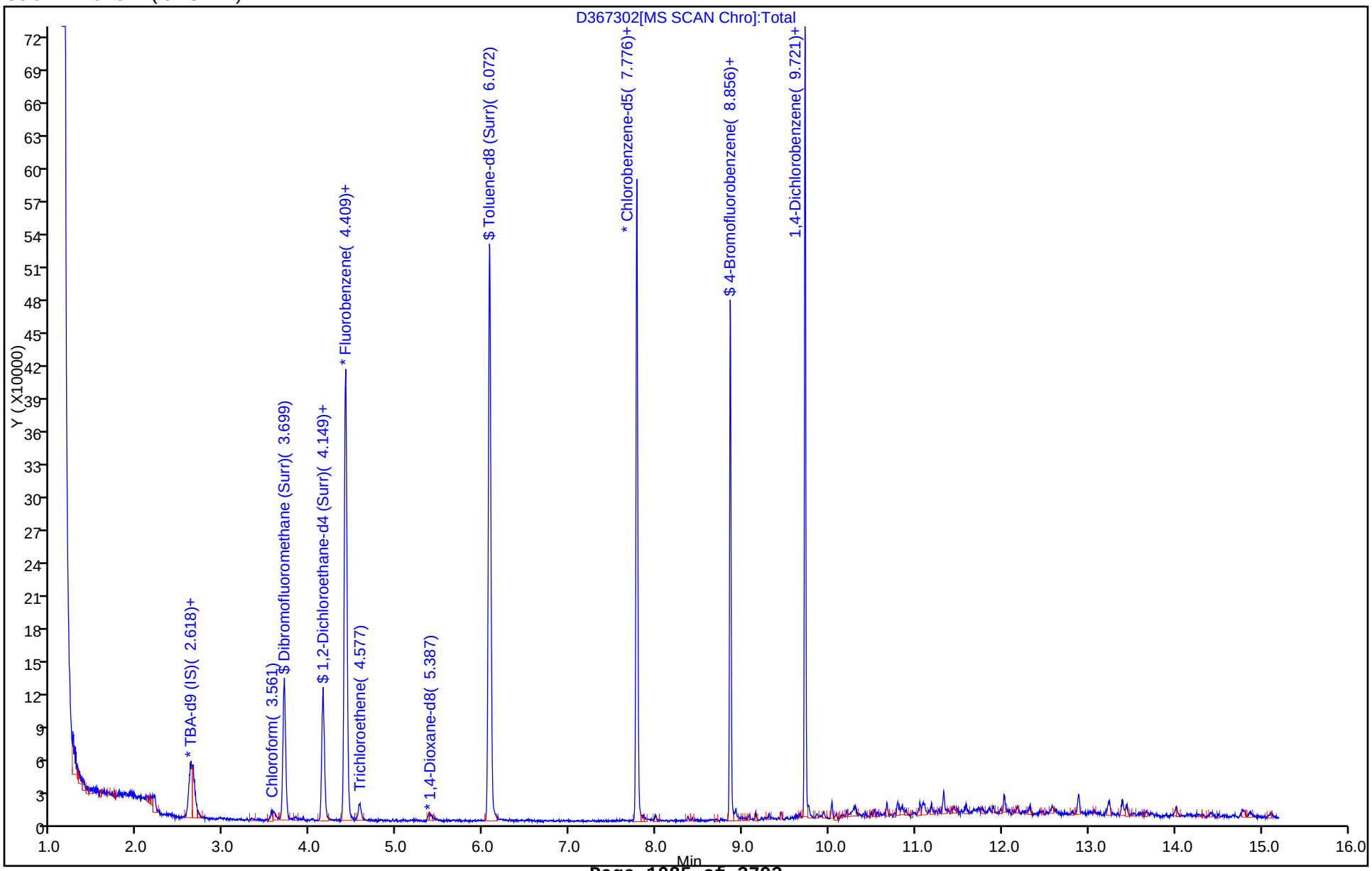
Report Date: 15-Mar-2014 13:29:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367302.D

Injection Date:	13-Mar-2014 14:37:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-B-21-A	Lab Sample ID:	460-72174-21	Worklist Smp#:	22
Client ID:	PMP-10SW-SD				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



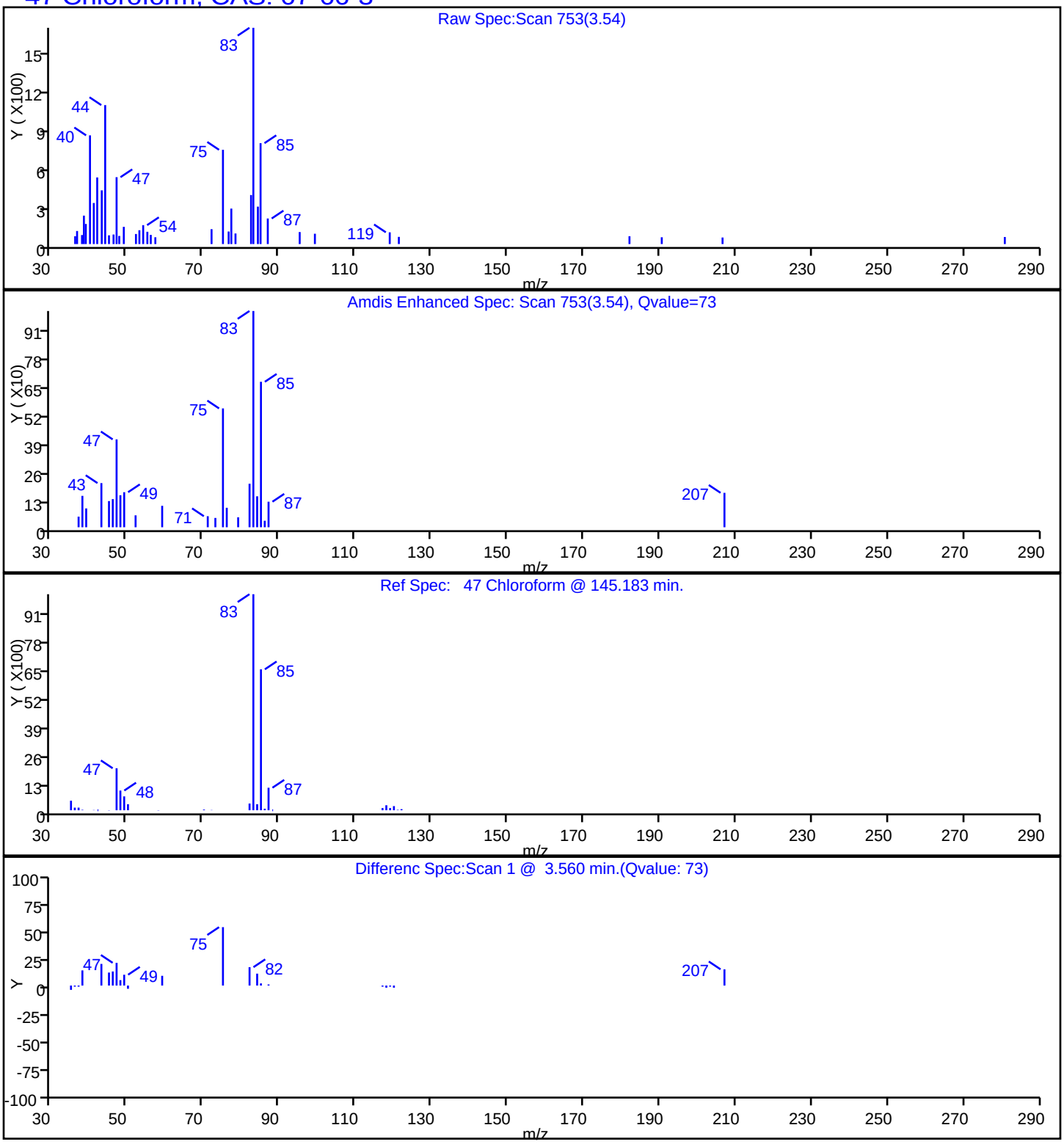
Report Date: 15-Mar-2014 13:29:07 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367302.D

Injection Date:	13-Mar-2014 14:37:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-21-A	Lab Sample ID:	460-72174-21		
Client ID:	PMP-10SW-SD				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

47 Chloroform, CAS: 67-66-3



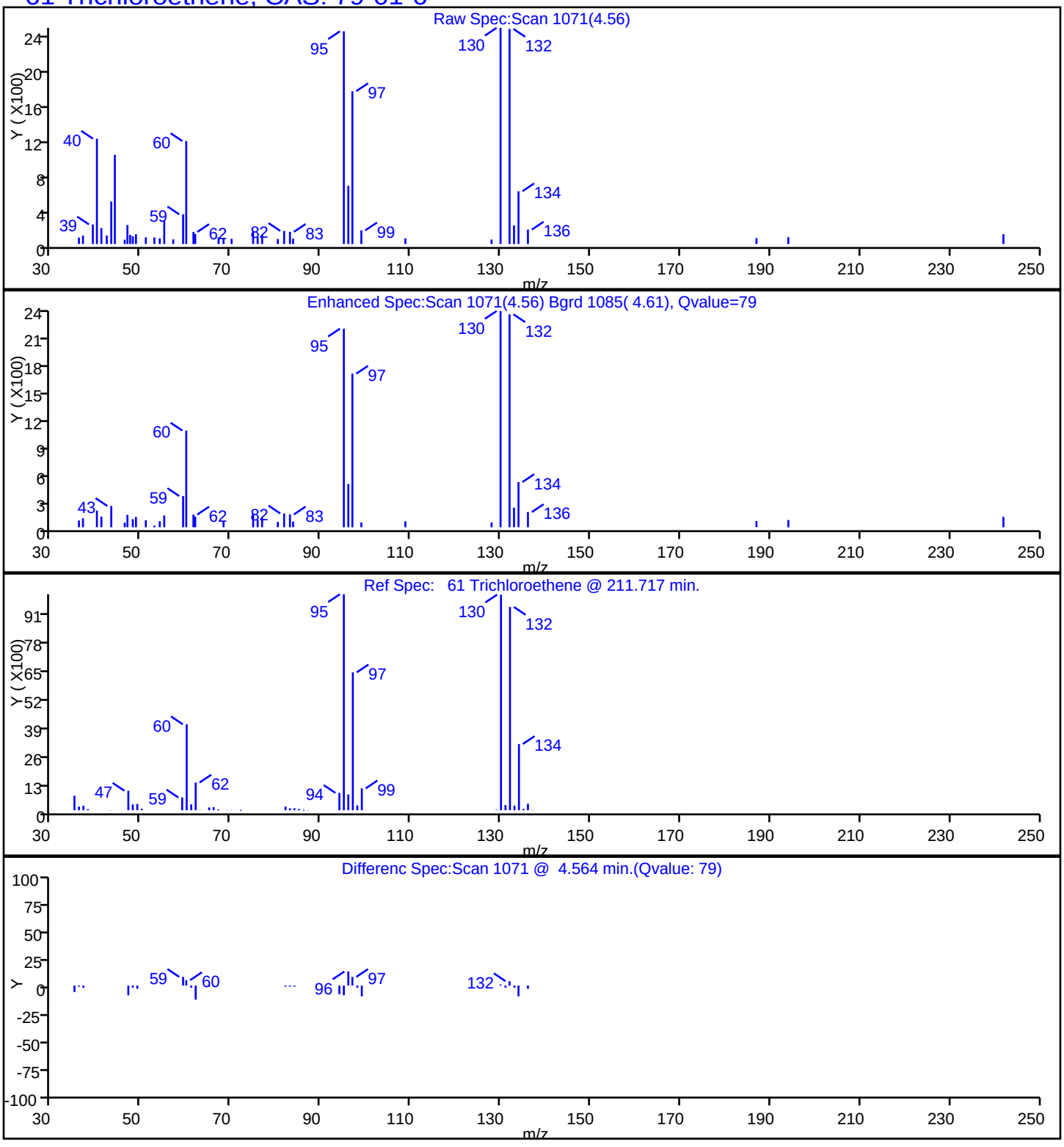
Report Date: 15-Mar-2014 13:29:07 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367302.D

Injection Date:	13-Mar-2014 14:37:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-21-A	Lab Sample ID:	460-72174-21		
Client ID:	PMP-10SW-SD				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

61 Trichloroethene, CAS: 79-01-6



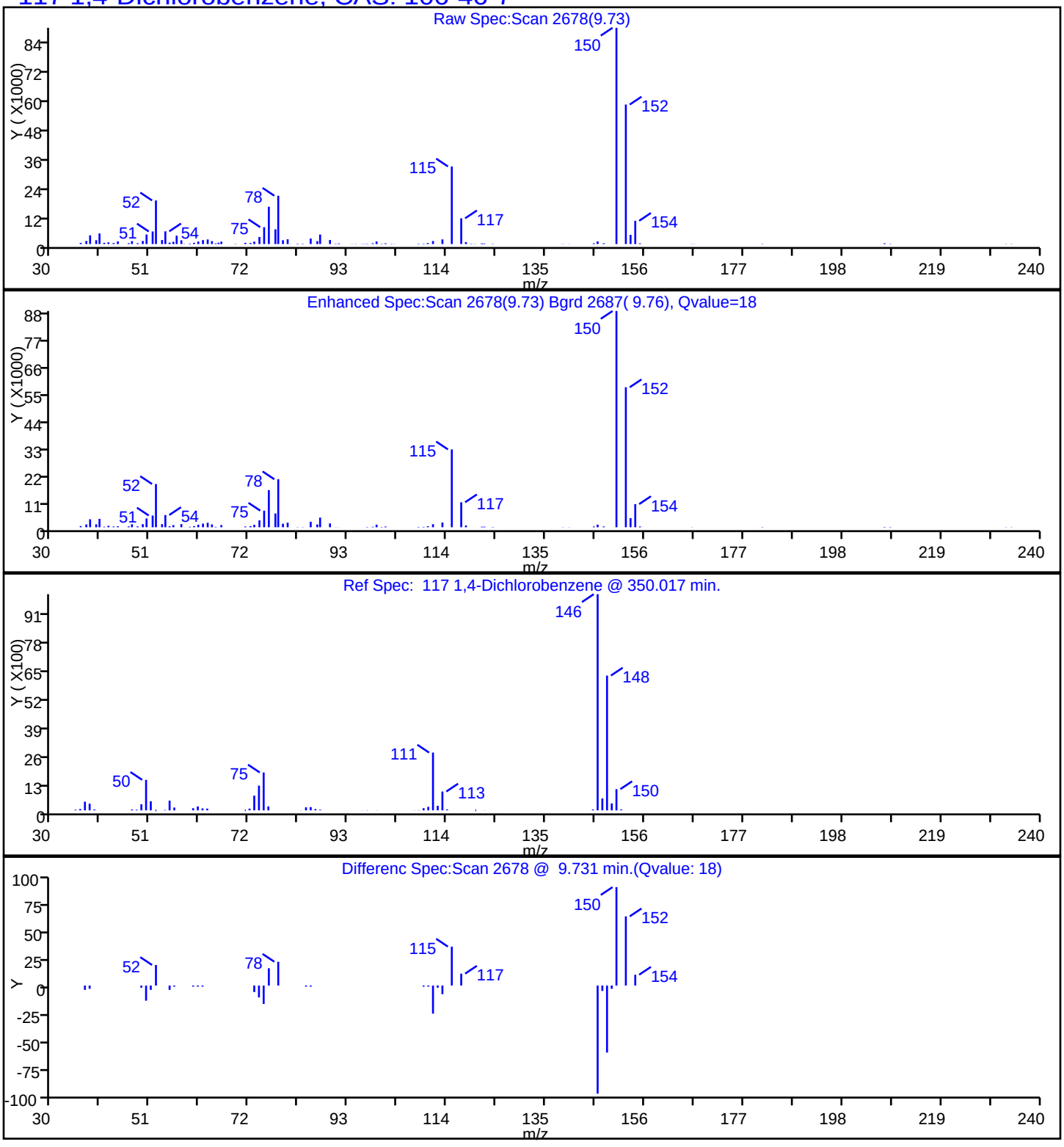
Report Date: 15-Mar-2014 13:29:07 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367302.D

Injection Date:	13-Mar-2014 14:37:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-21-A	Lab Sample ID:	460-72174-21		
Client ID:	PMP-10SW-SD				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

117 1,4-Dichlorobenzene, CAS: 106-46-7



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-WT Lab Sample ID: 460-72174-22

Matrix: Solid Lab File ID: J10089.D

Analysis Method: 8260B Date Collected: 03/06/2014 16:15

Sample wt/vol: 10.364(g) Date Analyzed: 03/16/2014 18:05

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.0 Level: (low/med) Medium

Analysis Batch No.: 212905 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	5.4	U	55	5.4
74-83-9	Bromomethane	10	U	55	10
75-01-4	Vinyl chloride	8.0	U	55	8.0
75-00-3	Chloroethane	9.4	U	55	9.4
75-09-2	Methylene Chloride	10	U	55	10
67-64-1	Acetone	150	U	280	150
75-15-0	Carbon disulfide	7.0	U	55	7.0
75-69-4	Trichlorofluoromethane	8.1	U	55	8.1
75-35-4	1,1-Dichloroethene	4.9	U	55	4.9
75-34-3	1,1-Dichloroethane	7.2	U	55	7.2
156-60-5	trans-1,2-Dichloroethene	7.1	U	55	7.1
156-59-2	cis-1,2-Dichloroethene	9.8	U	55	9.8
67-66-3	Chloroform	4.4	U	55	4.4
78-93-3	2-Butanone	130	U	280	130
107-06-2	1,2-Dichloroethane	10	U	55	10
71-55-6	1,1,1-Trichloroethane	3.4	U	55	3.4
56-23-5	Carbon tetrachloride	3.2	U	55	3.2
71-43-2	Benzene	4.6	U	55	4.6
75-25-2	Bromoform	11	U	55	11
100-42-5	Styrene	6.6	U	55	6.6
100-41-4	Ethylbenzene	5.3	U	55	5.3
108-90-7	Chlorobenzene	6.1	U	55	6.1
110-82-7	Cyclohexane	8.8	U	55	8.8
98-82-8	Isopropylbenzene	4.2	U	55	4.2
591-78-6	2-Hexanone	28	U *	280	28
1634-04-4	MTBE	7.6	U	55	7.6
76-13-1	Freon TF	4.5	U	55	4.5
79-20-9	Methyl acetate	19	U	280	19
123-91-1	1,4-Dioxane	2000	U	2800	2000
79-01-6	Trichloroethene	5.1	U	55	5.1
108-88-3	Toluene	8.3	U	55	8.3
10061-02-6	trans-1,3-Dichloropropene	13	U	55	13
108-10-1	4-Methyl-2-pentanone	55	U	280	55
10061-01-5	cis-1,3-Dichloropropene	10	U	55	10
95-50-1	1,2-Dichlorobenzene	11	U	55	11
541-73-1	1,3-Dichlorobenzene	7.5	U	55	7.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-WT | Lab Sample ID: 460-72174-22

Matrix: Solid | Lab File ID: J10089.D

Analysis Method: 8260B | Date Collected: 03/06/2014 16:15

Sample wt/vol: 10.364(g) | Date Analyzed: 03/16/2014 18:05

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.0 | Level: (low/med) Medium

Analysis Batch No.: 212905 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	13	U	55	13
120-82-1	1,2,4-Trichlorobenzene	2000		55	19
87-61-6	1,2,3-Trichlorobenzene	470		55	28
78-87-5	1,2-Dichloropropane	4.8	U	55	4.8
108-87-2	Methylcyclohexane	7.5	U	55	7.5
127-18-4	Tetrachloroethene	5.4	U	55	5.4
1330-20-7	Xylenes, Total	100	J	110	20
96-12-8	1,2-Dibromo-3-Chloropropane	22	U	55	22
79-34-5	1,1,2,2-Tetrachloroethane	8.7	U	55	8.7
79-00-5	1,1,2-Trichloroethane	10	U	55	10
124-48-1	Dibromochloromethane	11	U	55	11
106-93-4	1,2-Dibromoethane	15	U	55	15
75-71-8	Dichlorodifluoromethane	12	U	55	12
74-97-5	Bromochloromethane	15	U	55	15
75-27-4	Bromodichloromethane	6.9	U	55	6.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		75-135
2037-26-5	Toluene-d8 (Surr)	76		59-150
460-00-4	Bromofluorobenzene	76		72-133
1868-53-7	Dibromofluoromethane (Surr)	79		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-WT Lab Sample ID: 460-72174-22

Matrix: Solid Lab File ID: J10089.D

Analysis Method: 8260B Date Collected: 03/06/2014 16:15

Sample wt/vol: 10.364(g) Date Analyzed: 03/16/2014 18:05

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.0 Level: (low/med) Medium

Analysis Batch No.: 212905 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 42800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	11.16	5500	J N
3454-07-7	Benzene, 1-ethenyl-4-ethyl-	11.47	3600	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.67	4600	J N
933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	11.92	6600	J N
2049-95-8	Benzene, (1,1-dimethylpropyl)-	12.14	5200	J N
17057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethyl-	12.22	4800	J N
4810-04-2	Benzene, 1,3,5-trimethyl-2-propyl-	12.68	2900	J N
1685-82-1	1H-Indene, 2,3-dihydro-4,6-dimethyl-	12.72	3300	J N
54340-88-4	1H-Indene, 2,3-dihydro-1,5,7-trimethyl-	12.97	3400	J N
13065-07-1	Naphthalene, 1,2,3,4-tetrahydro-2,7-dime	13.10	2900	J N

Report Date: 17-Mar-2014 15:48:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10089.D
Lims ID: 460-72174-A-22-A Lab Sample ID: 460-72174-22
Client ID: PMP-13SW-WT
Sample Type: Client
Inject. Date: 16-Mar-2014 18:05:30 ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-72174-A-22-A
Misc. Info.: 460-0010935-029
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 17-Mar-2014 15:48:46 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: patelv1 Date: 17-Mar-2014 15:48:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	3.187	3.180	0.007	79	428830	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	4.726	4.726	0.0	93	175050	39.7	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.079	5.084	-0.005	98	246432	40.9	
* 59 Fluorobenzene	96	5.355	5.354	0.001	97	802779	50.0	
* 150 1,4-Dioxane-d8	96	6.060	6.059	0.001	75	55157	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.024	7.023	0.001	98	648069	38.1	
* 87 Chlorobenzene-d5	117	8.816	8.815	0.001	86	692321	50.0	
92 o-Xylene	106	9.556	9.555	0.001	86	12433	1.87	
$ 99 4-Bromofluorobenzene	174	10.085	10.084	0.001	84	226239	38.1	
* 116 1,4-Dichlorobenzene-d4	152	10.960	10.960	0.0	90	405613	50.0	
124 1,2,4-Trichlorobenzene	180	12.188	12.193	-0.005	91	198078	35.8	
128 1,2,3-Trichlorobenzene	180	12.523	12.522	0.001	59	42543	8.40	
S 131 Xylenes, Total	100				0		1.87	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10089.D
Lims ID: 460-72174-A-22-A Lab Sample ID: 460-72174-22
Client ID: PMP-13SW-WT
Sample Type: Client
Inject. Date: 16-Mar-2014 18:05:30 ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-72174-A-22-A
Misc. Info.: 460-0010935-029
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 17-Mar-2014 15:48:46 Calib Date: 09-Mar-2014 13:34:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 20

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: patelv1 Date: 17-Mar-2014 15:48:46

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
1758-88-9 Benzene, 2-ethyl-1,4-dimethyl-								
11.160	5261908	98.8	116	96	14379	C10H14	134	
3454-07-7 Benzene, 1-ethenyl-4-ethyl-								
11.471	3443663	64.7	116	50	13588	C10H12	132	
95-93-2 Benzene, 1,2,4,5-tetramethyl-								
11.665	4458468	83.7	116	94	14355	C10H14	134	
933-98-2 Benzene, 1-ethyl-2,3-dimethyl-								
11.918	6317618	118.6	116	94	14369	C10H14	134	I
2049-95-8 Benzene, (1,1-dimethylpropyl)-								
12.135	5040135	94.6	116	53	21818	C11H16	148	
17057-82-8 1H-Indene, 2,3-dihydro-1,2-dimethyl-								
12.218	4629557	86.9	116	89	20741	C11H14	146	
4810-04-2 Benzene, 1,3,5-trimethyl-2-propyl-								
12.682	2780547	52.2	116	43	30694	C12H18	162	
1685-82-1 1H-Indene, 2,3-dihydro-4,6-dimethyl-								
12.717	3178767	59.7	116	95	20745	C11H14	146	
54340-88-4 1H-Indene, 2,3-dihydro-1,5,7-trimethyl-								
12.970	3241942	60.9	116	83	29418	C12H16	160	
13065-07-1 Naphthalene, 1,2,3,4-tetrahydro-2,7-dime								
13.099	2754280	51.7	116	90	29448	C12H16	160	

Report Date: 17-Mar-2014 15:48:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10089.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.960	2662935	50.0

QC Flag Legend

Processing Flags

Review Flags
l - User Selected Library Match

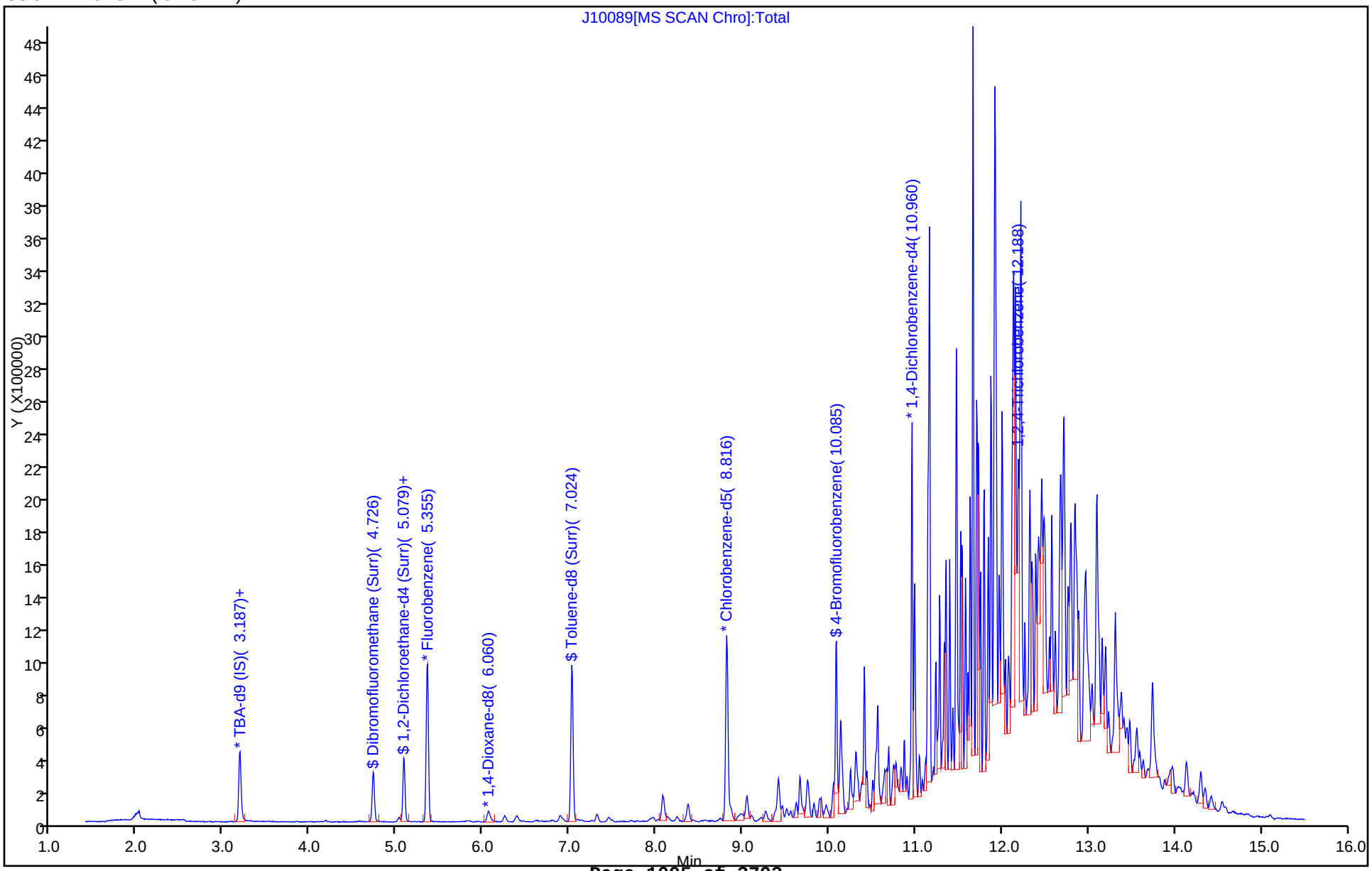
Report Date: 17-Mar-2014 15:48:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10089.D

Injection Date:	16-Mar-2014 18:05:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-72174-A-22-A	Lab Sample ID:	460-72174-22	Worklist Smp#:	29
Client ID:	PMP-13SW-WT				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	28
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



Report Date: 17-Mar-2014 15:48:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10089.D

Injection Date: 16-Mar-2014 18:05:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-22-A Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

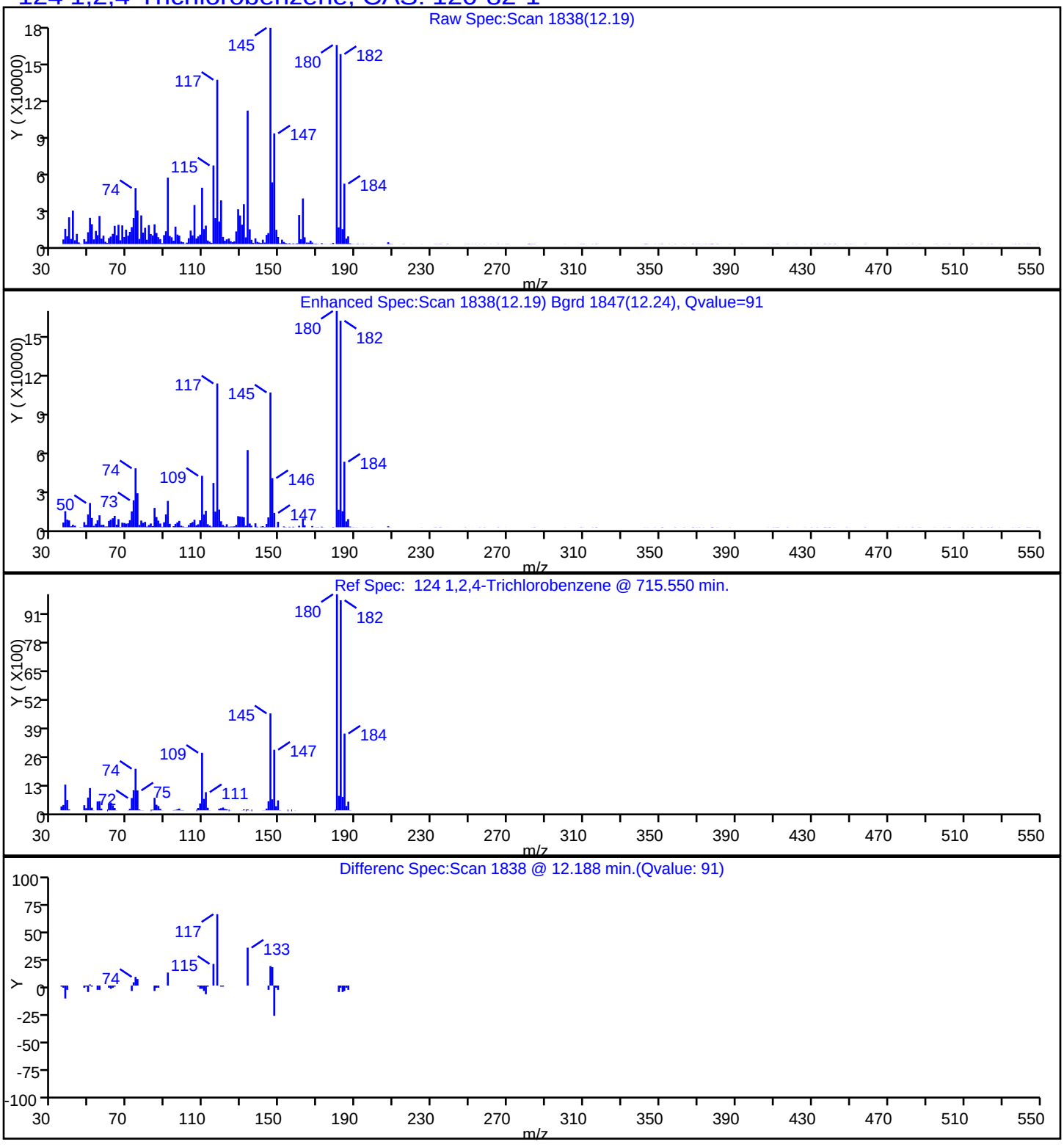
Operator ID: ALS Bottle#: 28 Worklist Smp#: 29

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



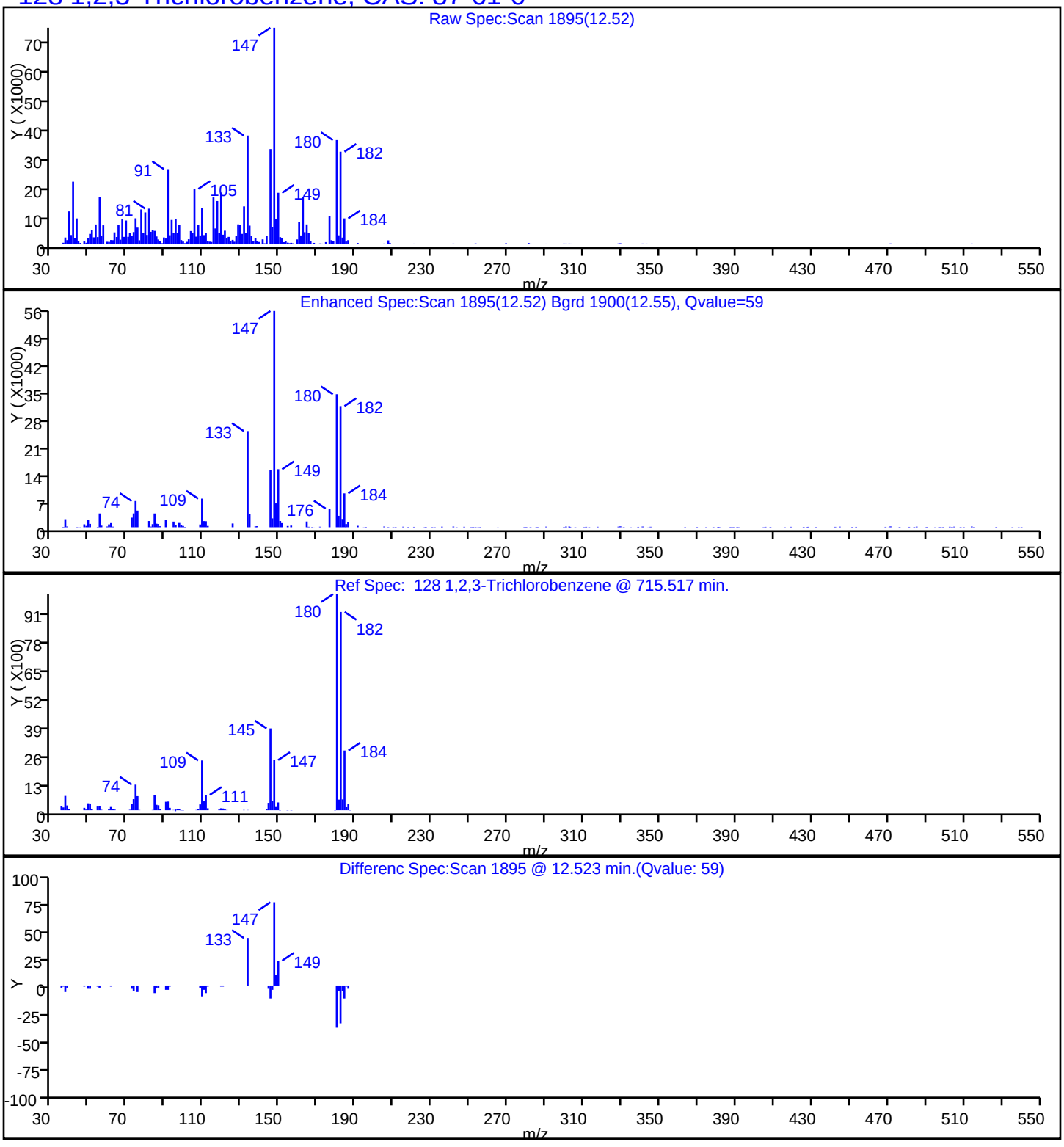
Report Date: 17-Mar-2014 15:48:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10089.D

Injection Date:	16-Mar-2014 18:05:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-22-A	Lab Sample ID:	460-72174-22		
Client ID:	PMP-13SW-WT				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



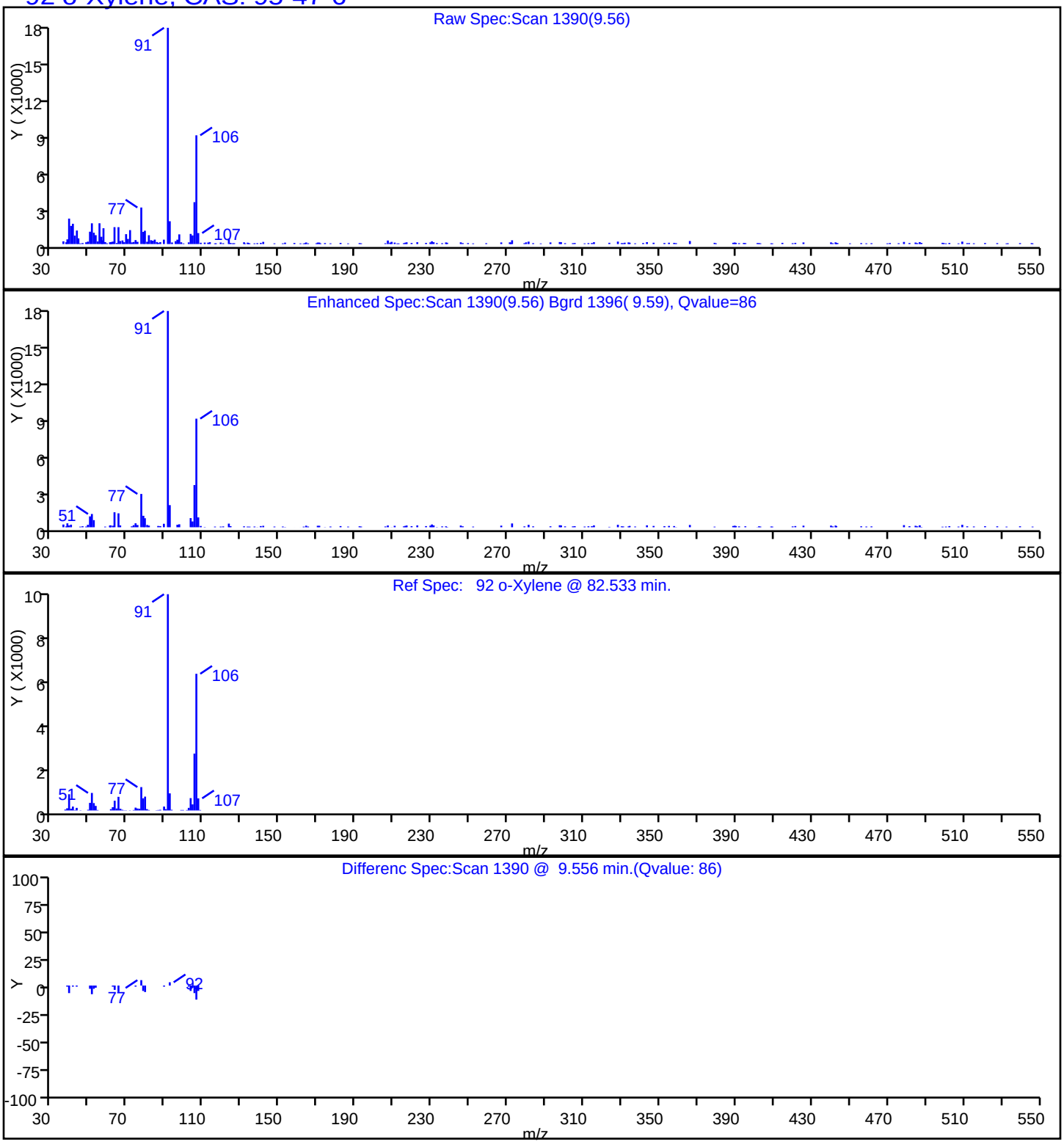
Report Date: 17-Mar-2014 15:48:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10089.D

Injection Date:	16-Mar-2014 18:05:30	Instrument ID:	CVOAMS8
Lims ID:	460-72174-A-22-A	Lab Sample ID:	460-72174-22
Client ID:	PMP-13SW-WT		
Operator ID:		ALS Bottle#:	28 Worklist Smp#: 29
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

92 o-Xylene, CAS: 95-47-6



Report Date: 17-Mar-2014 15:48:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10089.D

Injection Date: 16-Mar-2014 18:05:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-22-A Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

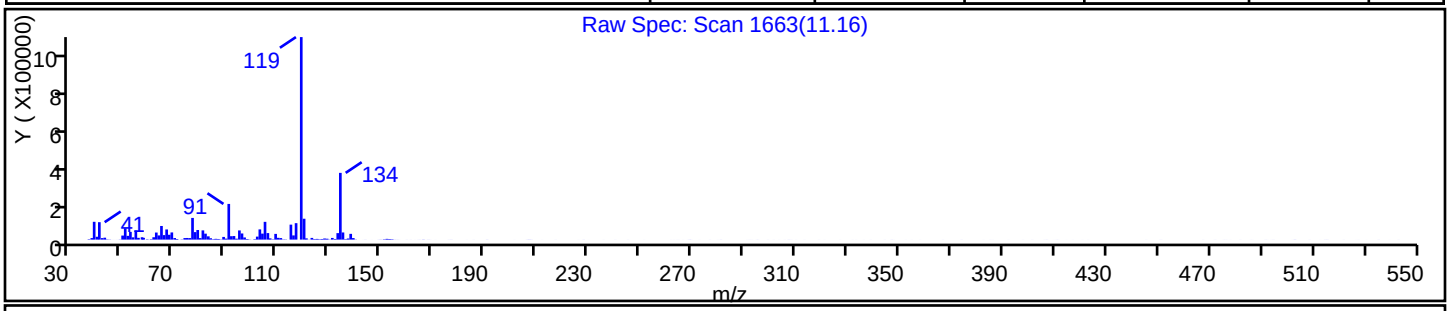
Operator ID: ALS Bottle#: 28 Worklist Smp#: 29

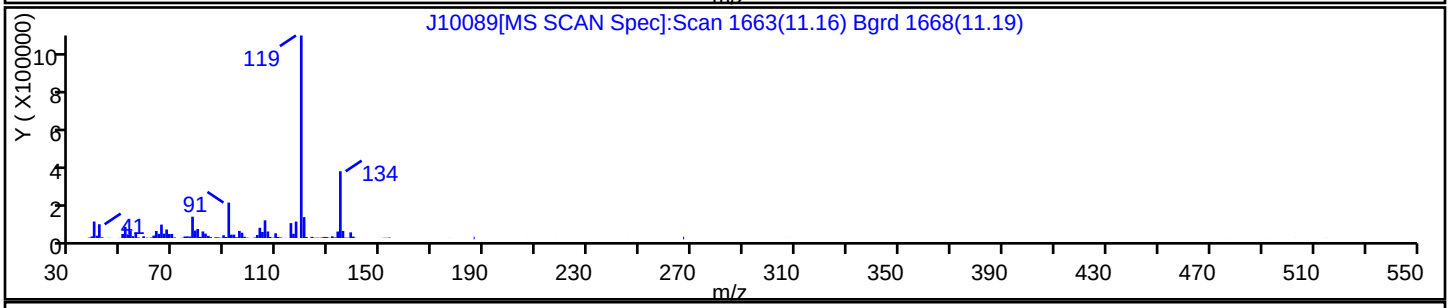
Purge Vol: 5.000 mL Dil. Factor: 50.0000

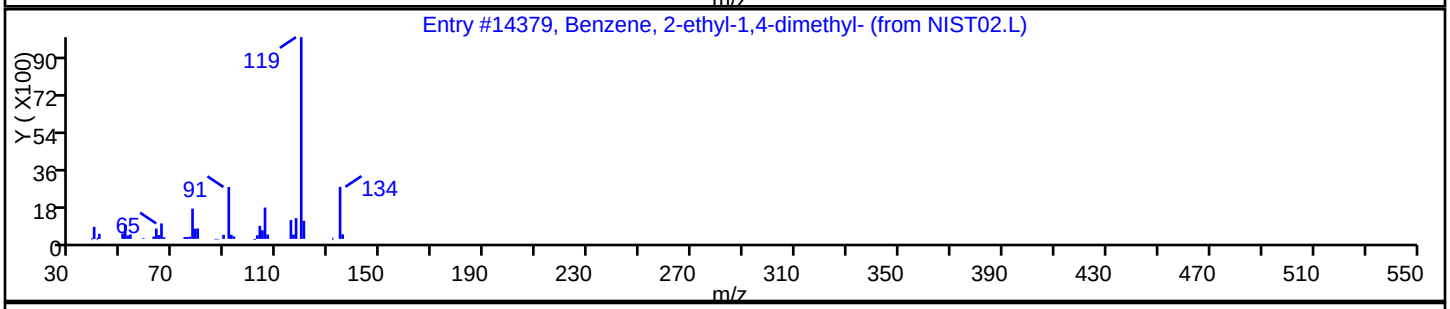
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

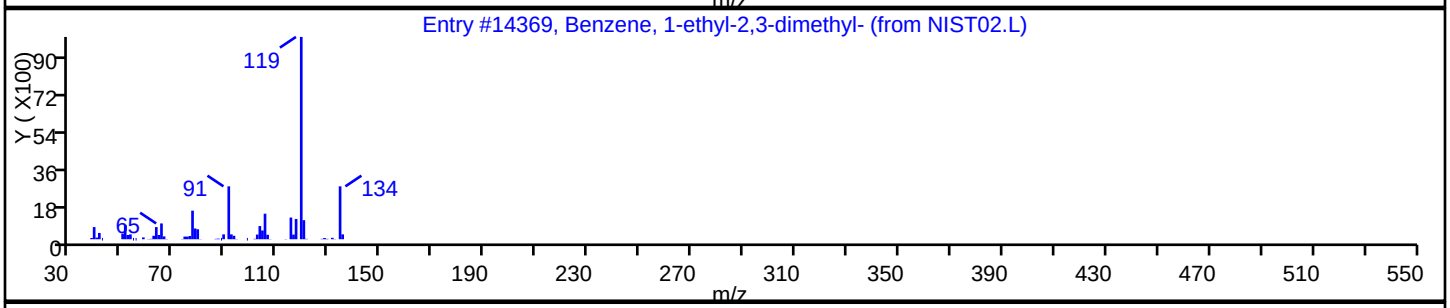
Column: Detector MS SCAN

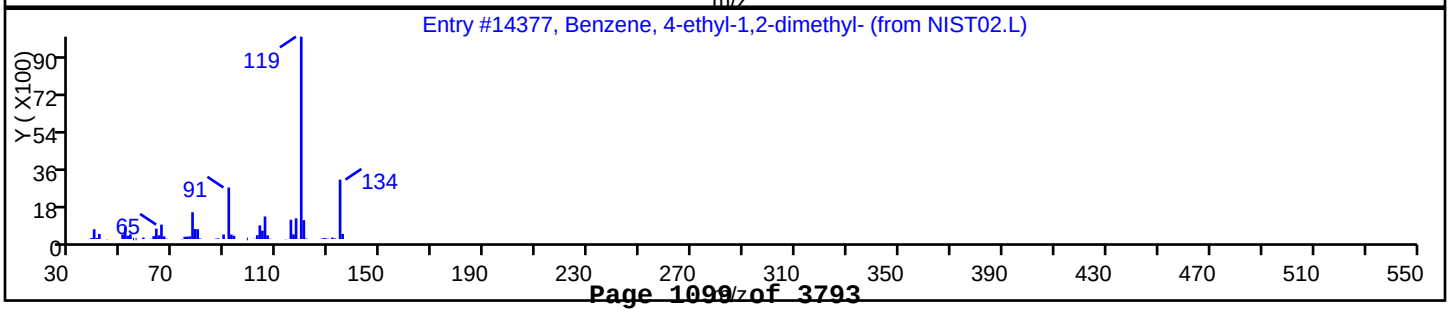
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.L	14379	C10H14	134	96
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.L	14369	C10H14	134	95
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.L	14377	C10H14	134	95











Report Date: 17-Mar-2014 15:48:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10089.D

Injection Date: 16-Mar-2014 18:05:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-22-A Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

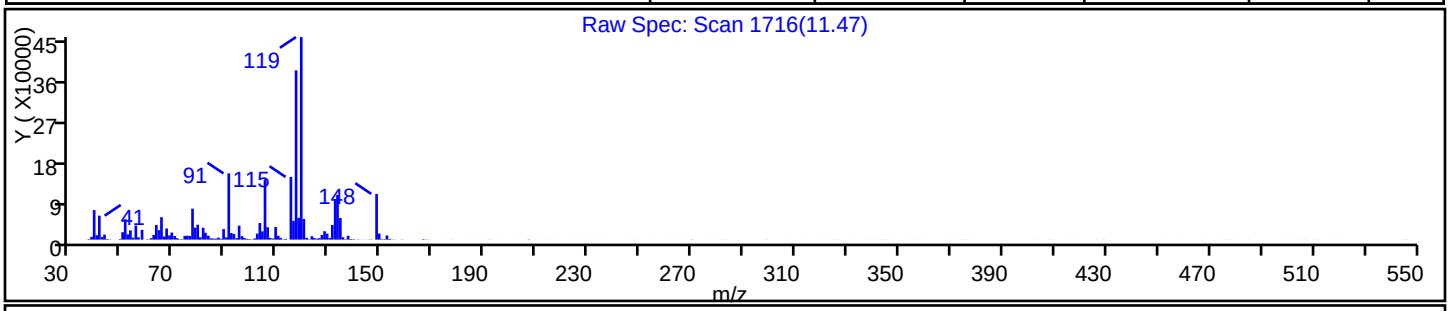
Operator ID: ALS Bottle#: 28 Worklist Smp#: 29

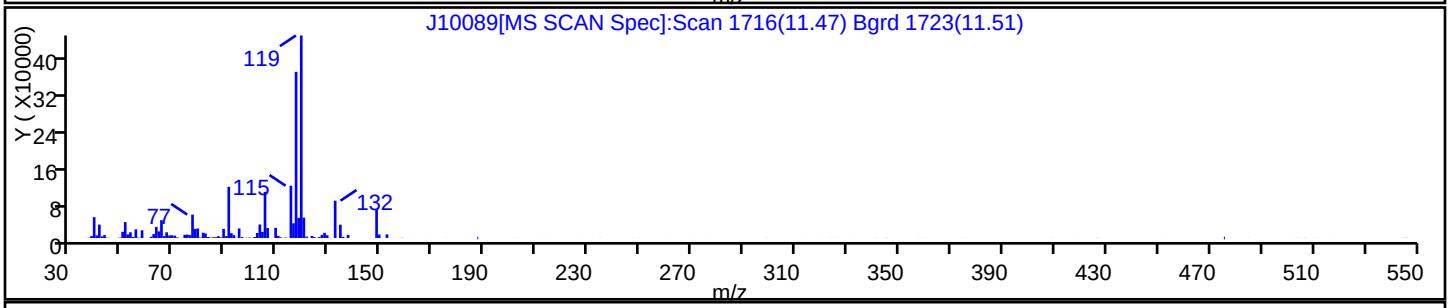
Purge Vol: 5.000 mL Dil. Factor: 50.0000

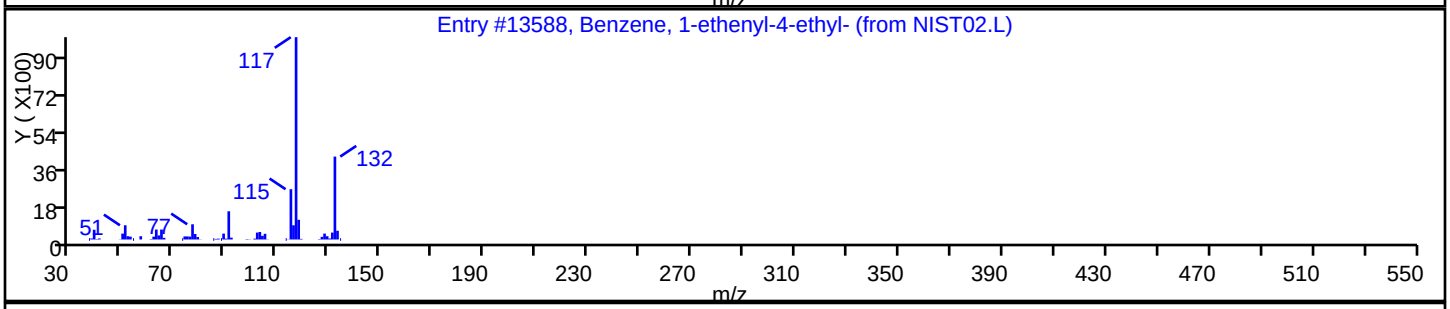
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

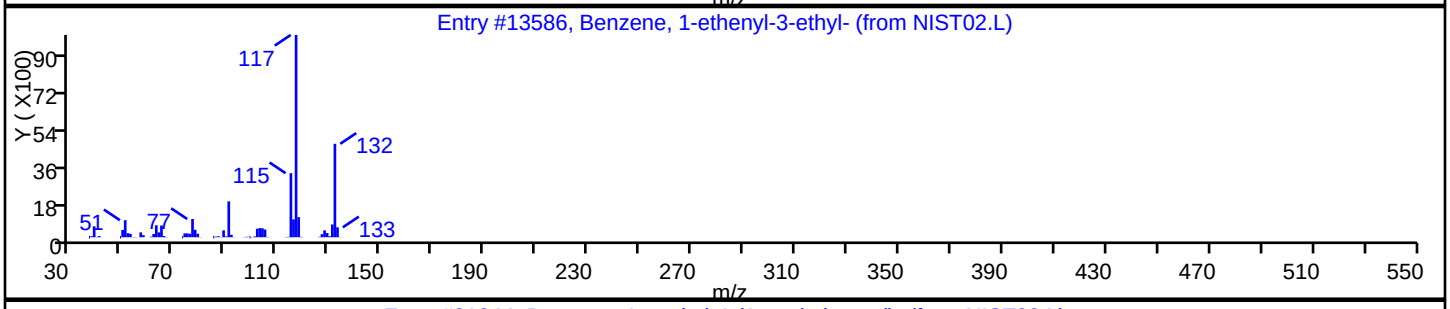
Column: Detector MS SCAN

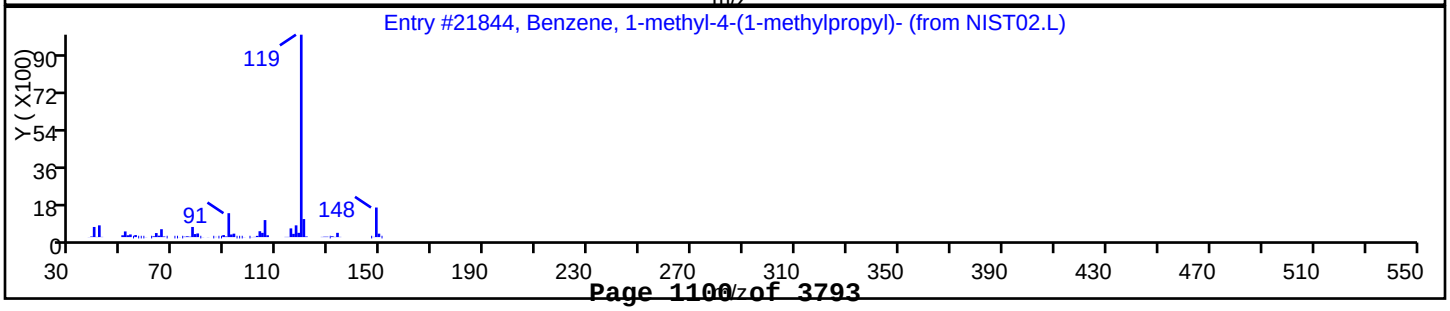
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.L	13588	C10H12	132	50
Benzene, 1-ethenyl-3-ethyl-	7525-62-4	NIST02.L	13586	C10H12	132	45
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	C11H16	148	43











Report Date: 17-Mar-2014 15:48:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10089.D

Injection Date: 16-Mar-2014 18:05:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-22-A Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

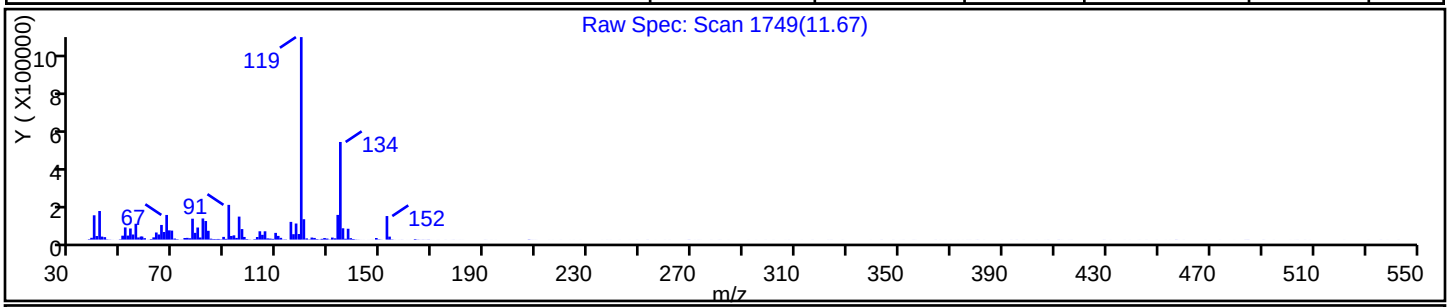
Operator ID: ALS Bottle#: 28 Worklist Smp#: 29

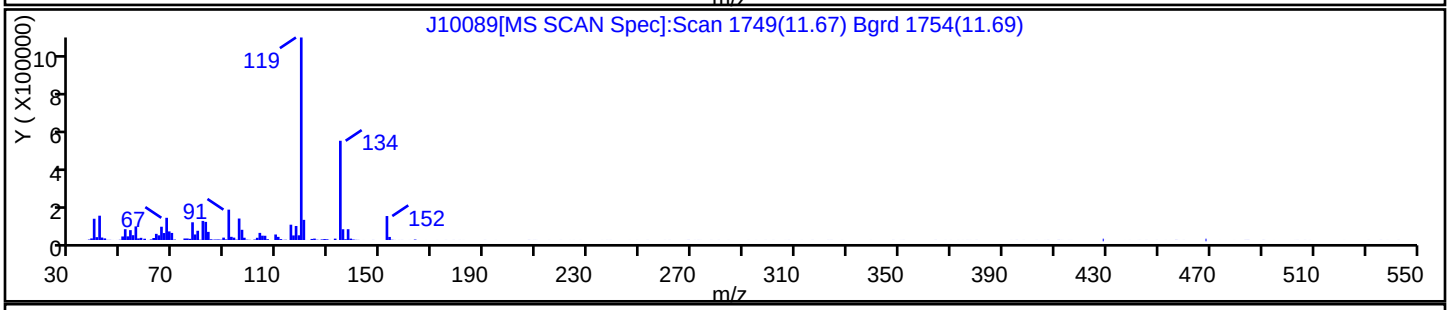
Purge Vol: 5.000 mL Dil. Factor: 50.0000

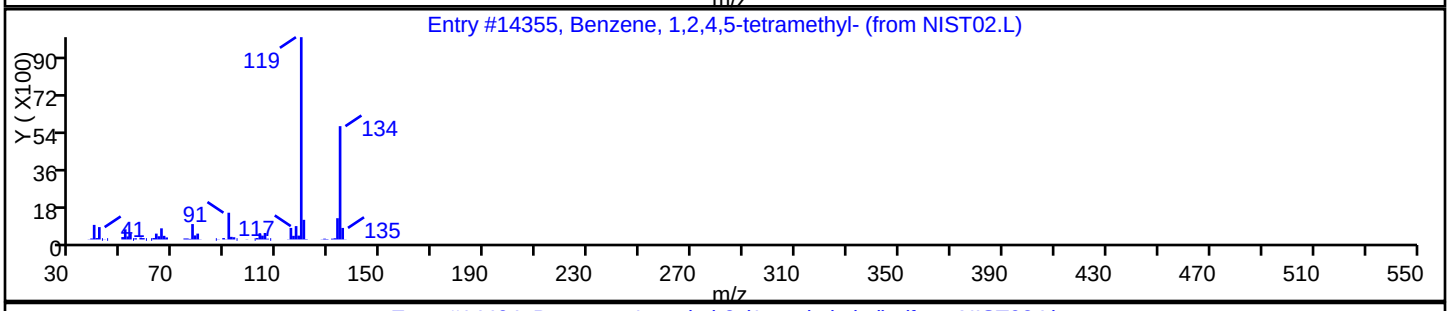
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

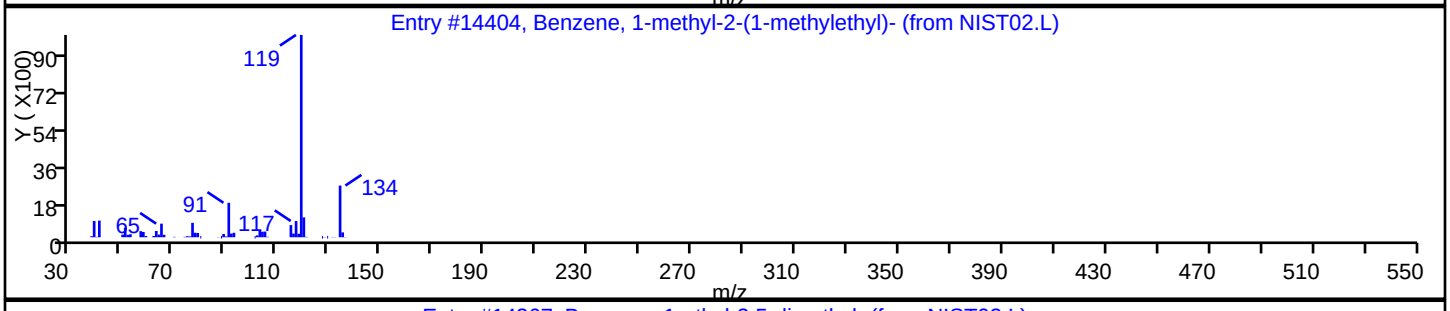
Column: Detector MS SCAN

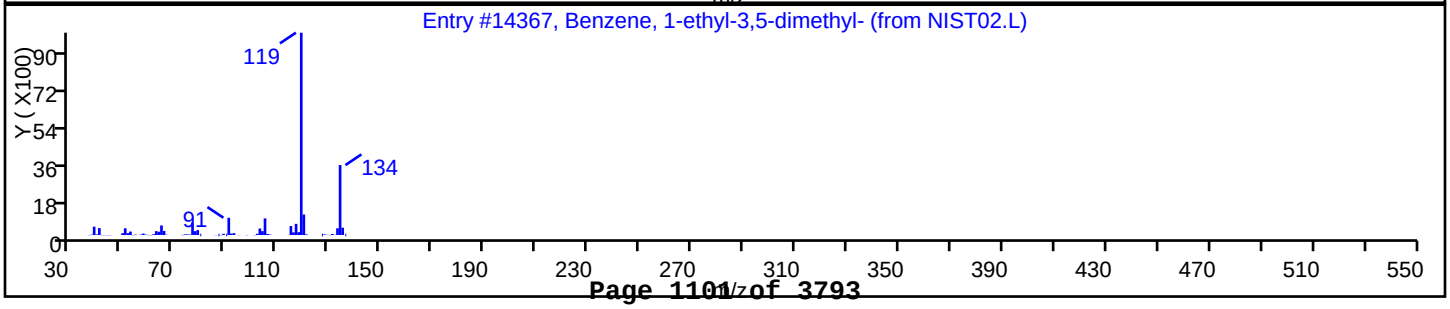
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14355	C10H14	134	94
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14404	C10H14	134	93
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.L	14367	C10H14	134	93











Report Date: 17-Mar-2014 15:48:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10089.D

Injection Date: 16-Mar-2014 18:05:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-22-A Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

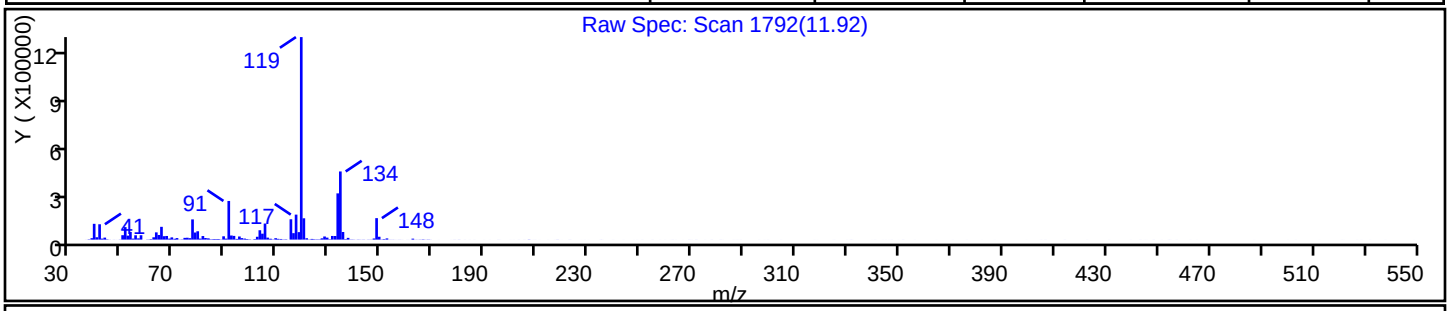
Operator ID: ALS Bottle#: 28 Worklist Smp#: 29

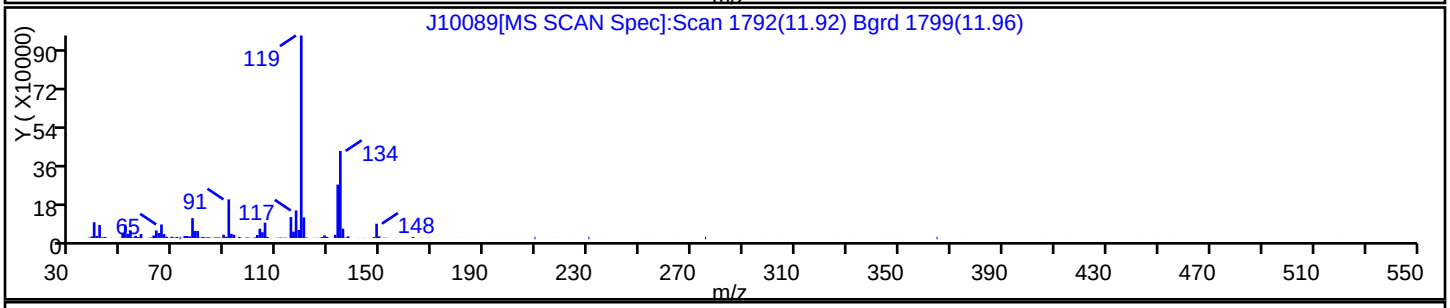
Purge Vol: 5.000 mL Dil. Factor: 50.0000

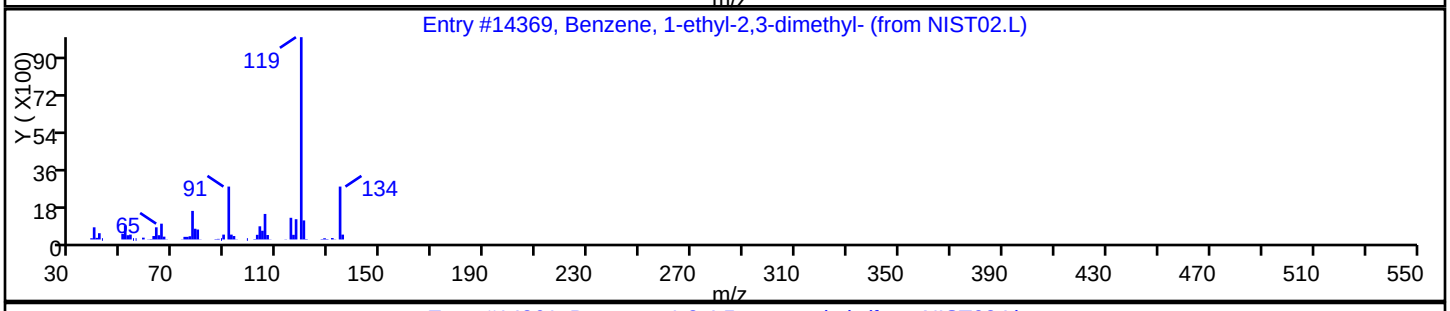
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

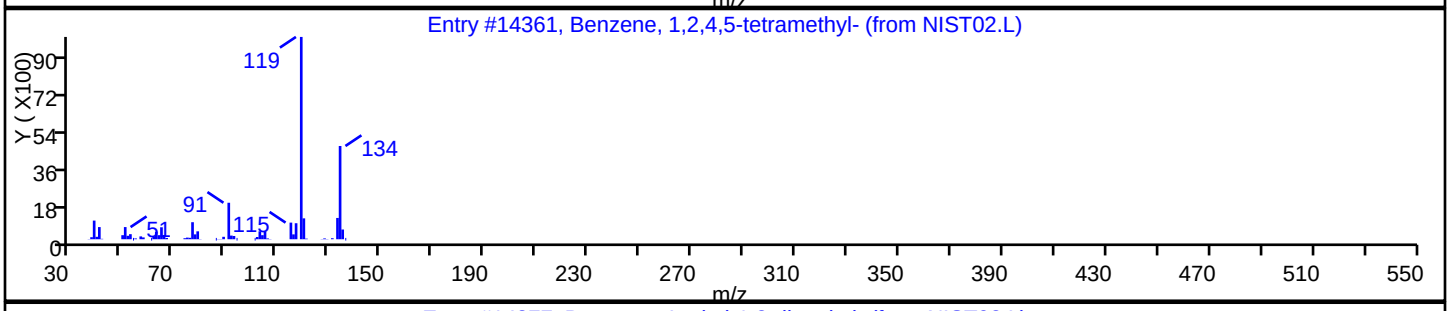
Column: Detector MS SCAN

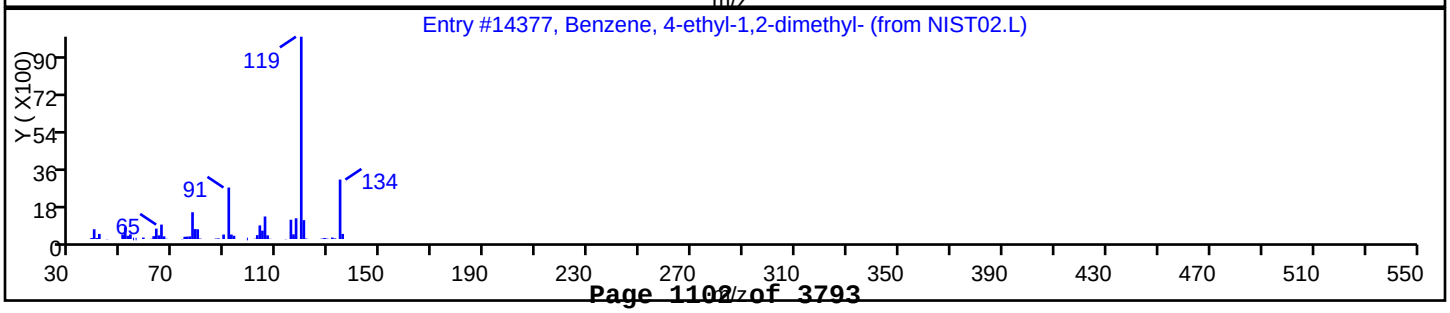
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.L	14369	C10H14	134	94
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	C10H14	134	94
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.L	14377	C10H14	134	94











Report Date: 17-Mar-2014 15:48:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10089.D

Injection Date: 16-Mar-2014 18:05:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-22-A Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

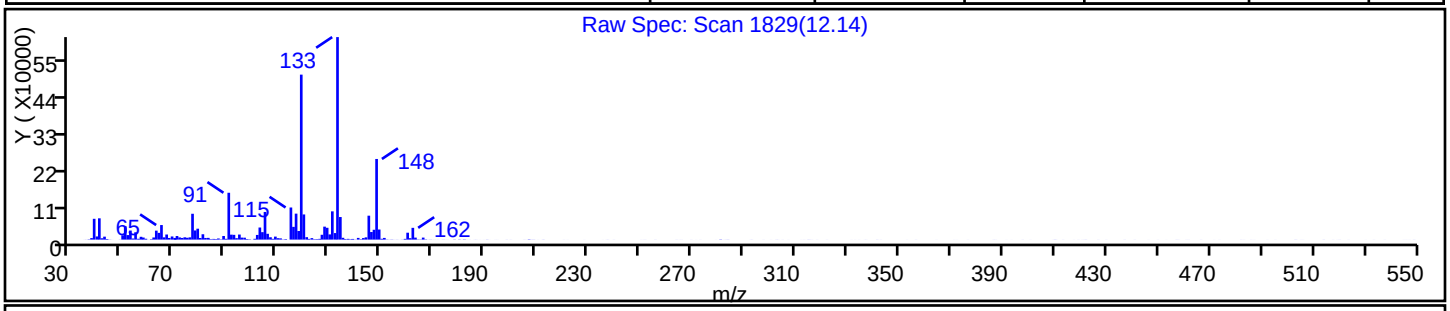
Operator ID: ALS Bottle#: 28 Worklist Smp#: 29

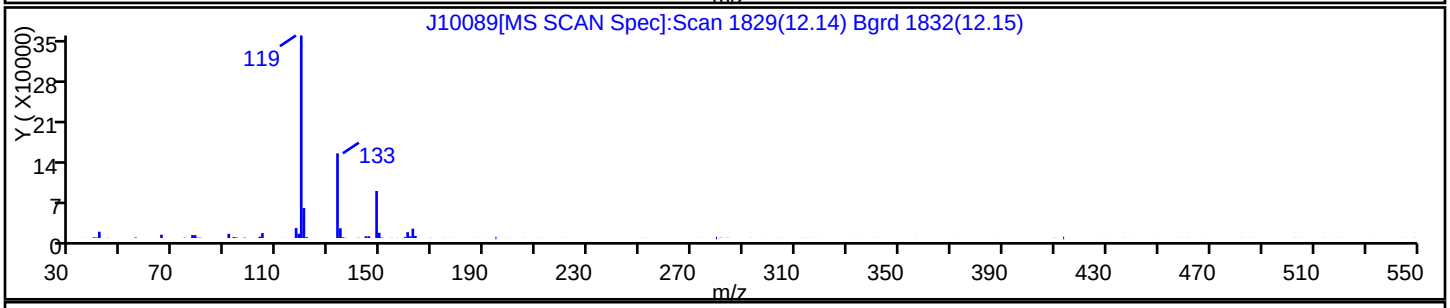
Purge Vol: 5.000 mL Dil. Factor: 50.0000

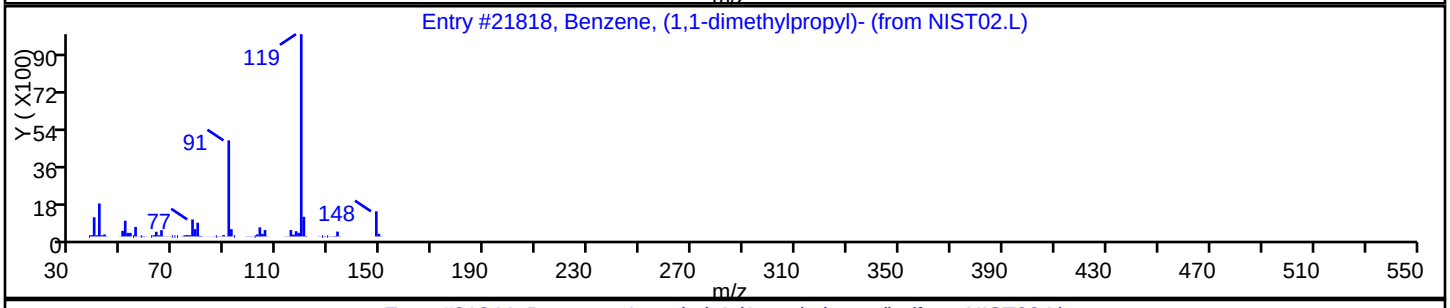
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

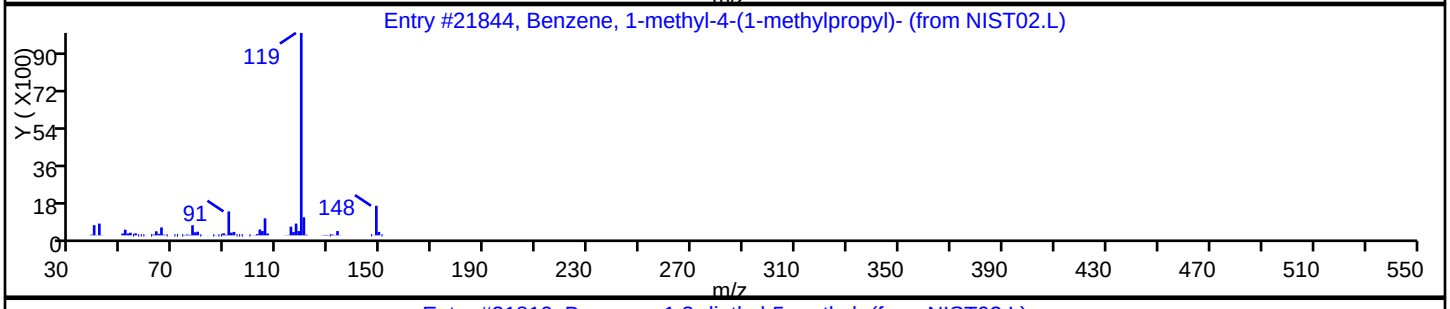
Column: Detector MS SCAN

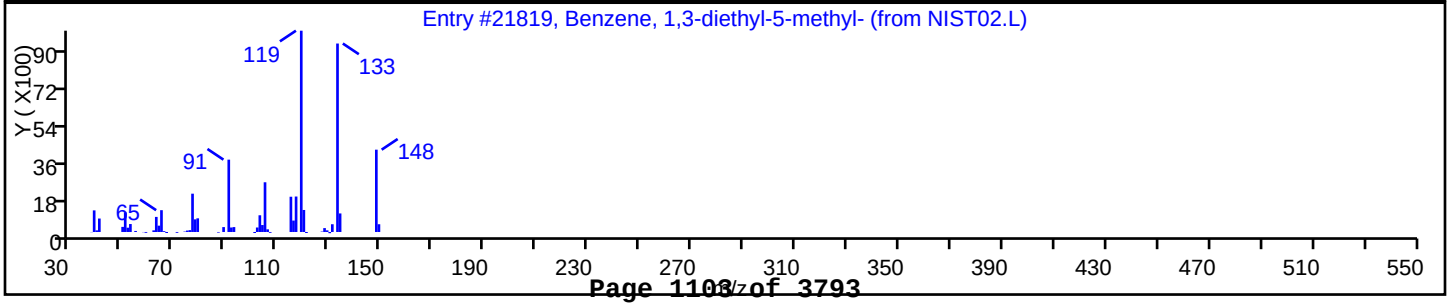
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, (1,1-dimethylpropyl)-	2049-95-8	NIST02.L	21818	C11H16	148	53
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	C11H16	148	53
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.L	21819	C11H16	148	50











Report Date: 17-Mar-2014 15:48:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10089.D

Injection Date: 16-Mar-2014 18:05:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-22-A Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

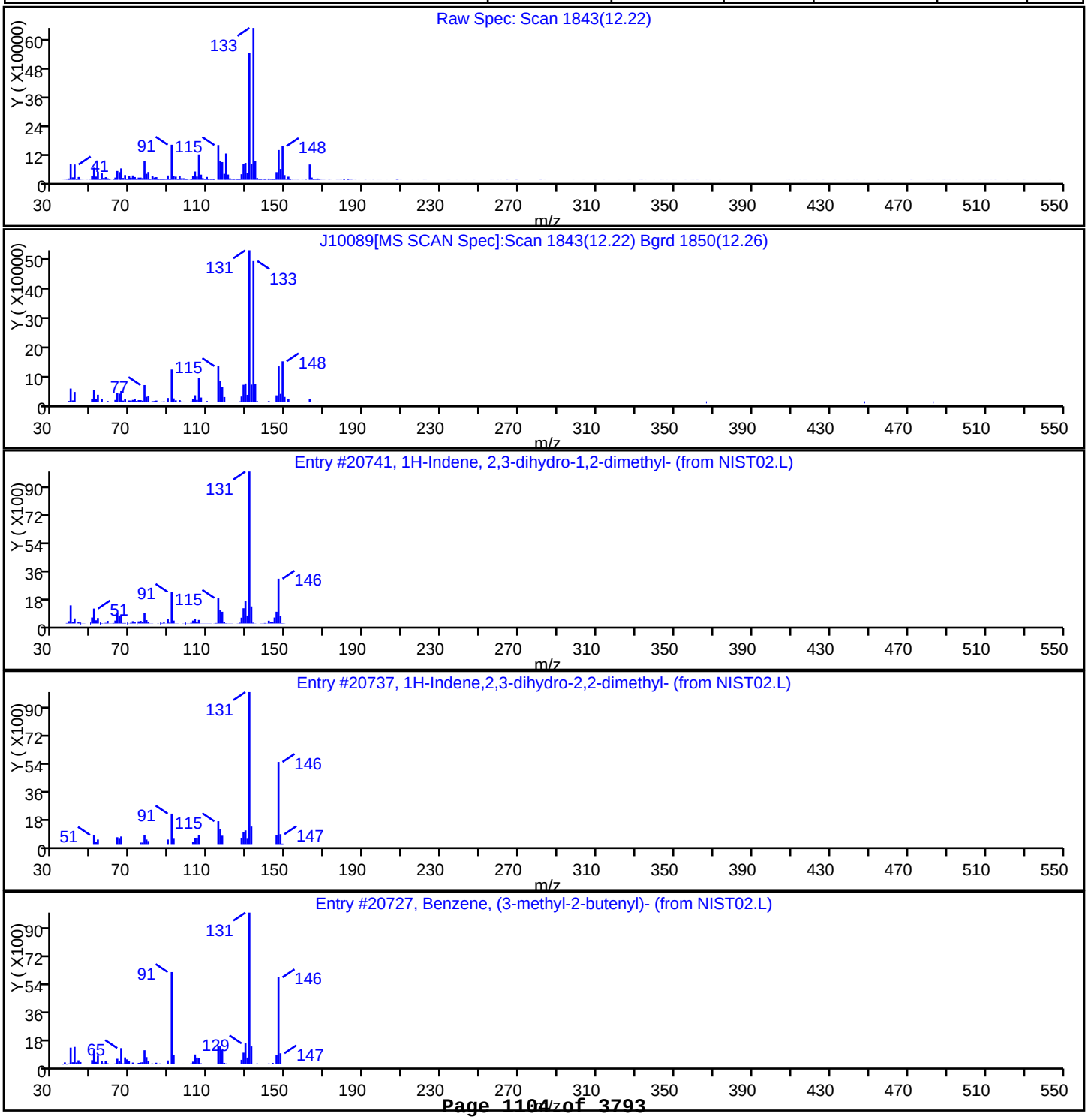
Operator ID: ALS Bottle#: 28 Worklist Smp#: 29

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Indene, 2,3-dihydro-1,2-dimethyl-	17057-82-8	NIST02.L	20741	C11H14	146	89
1H-Indene,2,3-dihydro-2,2-dimethyl-	20836-11-7	NIST02.L	20737	C11H14	146	70
Benzene, (3-methyl-2-butenyl)-	4489-84-3	NIST02.L	20727	C11H14	146	70



Report Date: 17-Mar-2014 15:48:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10089.D

Injection Date: 16-Mar-2014 18:05:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-22-A Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

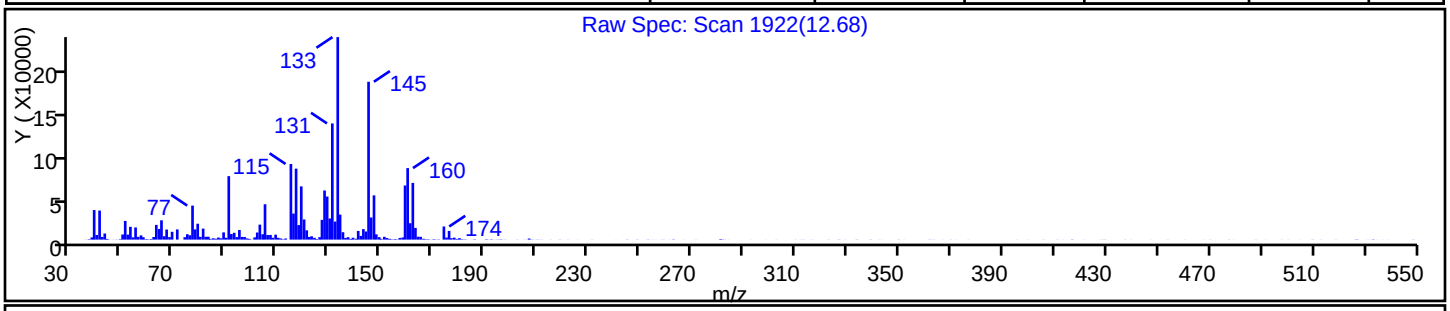
Operator ID: ALS Bottle#: 28 Worklist Smp#: 29

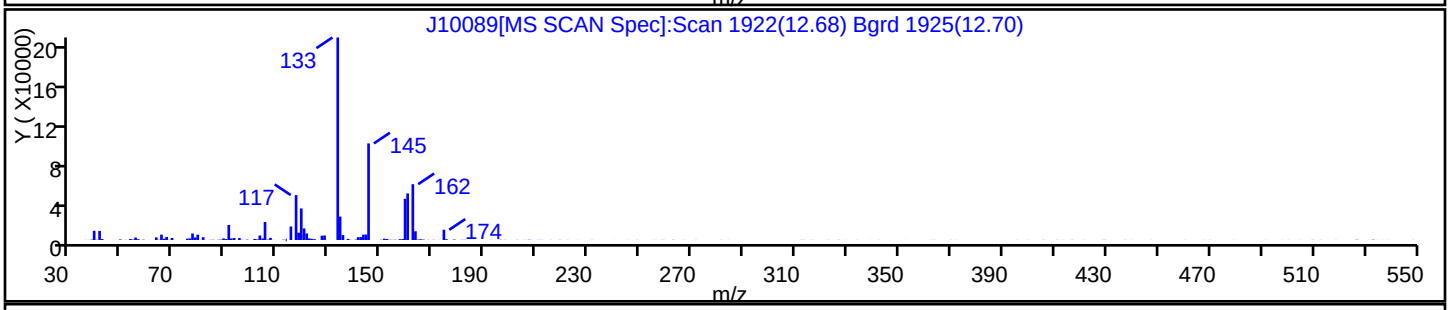
Purge Vol: 5.000 mL Dil. Factor: 50.0000

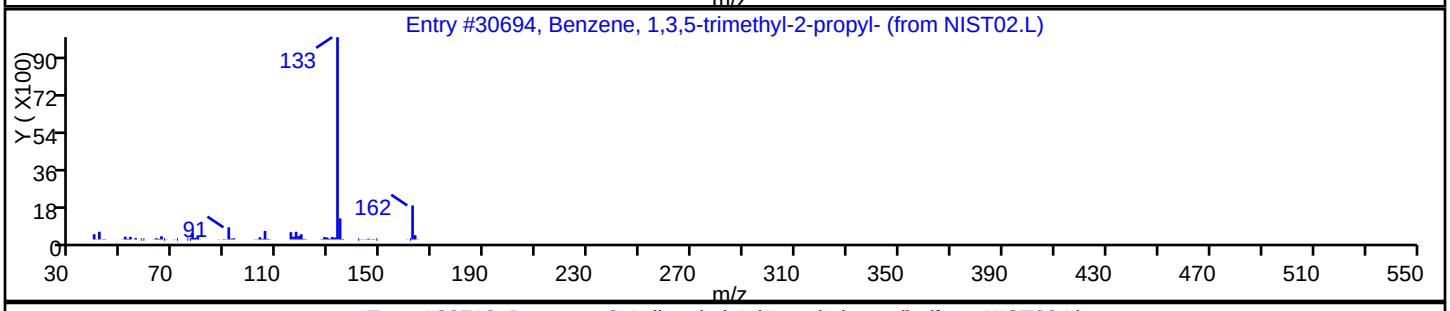
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

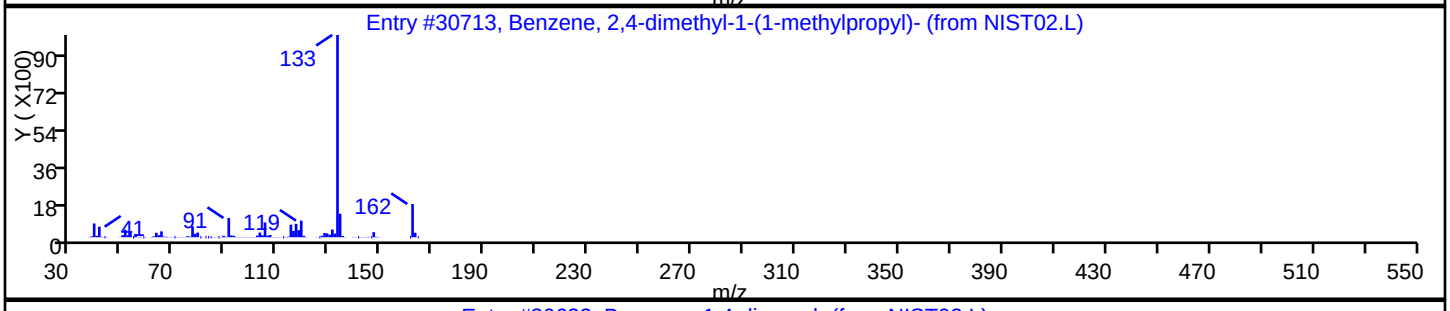
Column: Detector MS SCAN

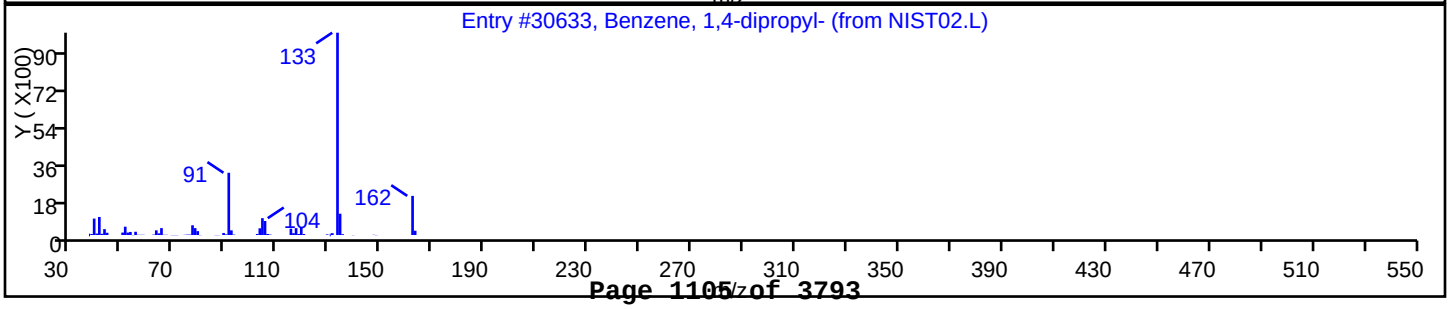
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,3,5-trimethyl-2-propyl-	4810-04-2	NIST02.L	30694	C12H18	162	43
Benzene, 2,4-dimethyl-1-(1-methylpropyl)	1483-60-9	NIST02.L	30713	C12H18	162	43
Benzene, 1,4-dipropyl-	4815-57-0	NIST02.L	30633	C12H18	162	43











Report Date: 17-Mar-2014 15:48:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10089.D

Injection Date: 16-Mar-2014 18:05:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-22-A Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

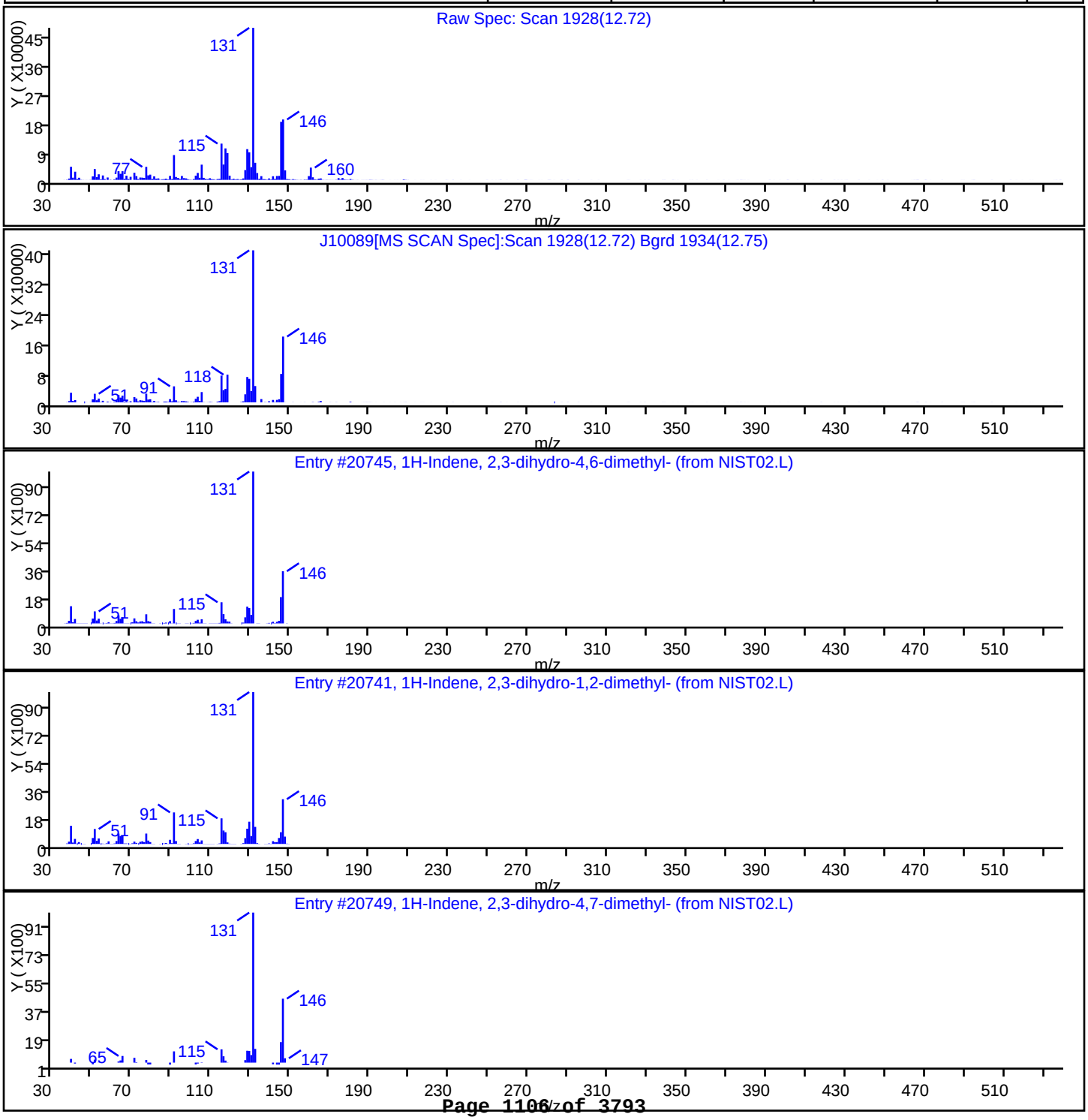
Operator ID: ALS Bottle#: 28 Worklist Smp#: 29

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Indene, 2,3-dihydro-4,6-dimethyl-	1685-82-1	NIST02.L	20745	C11H14	146	95
1H-Indene, 2,3-dihydro-1,2-dimethyl-	17057-82-8	NIST02.L	20741	C11H14	146	94
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20749	C11H14	146	93



Report Date: 17-Mar-2014 15:48:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10089.D

Injection Date: 16-Mar-2014 18:05:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-22-A Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

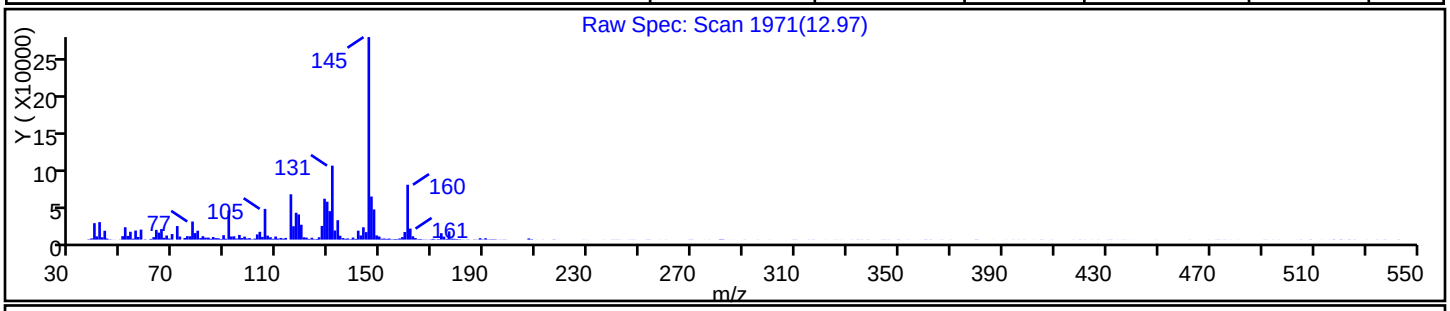
Operator ID: ALS Bottle#: 28 Worklist Smp#: 29

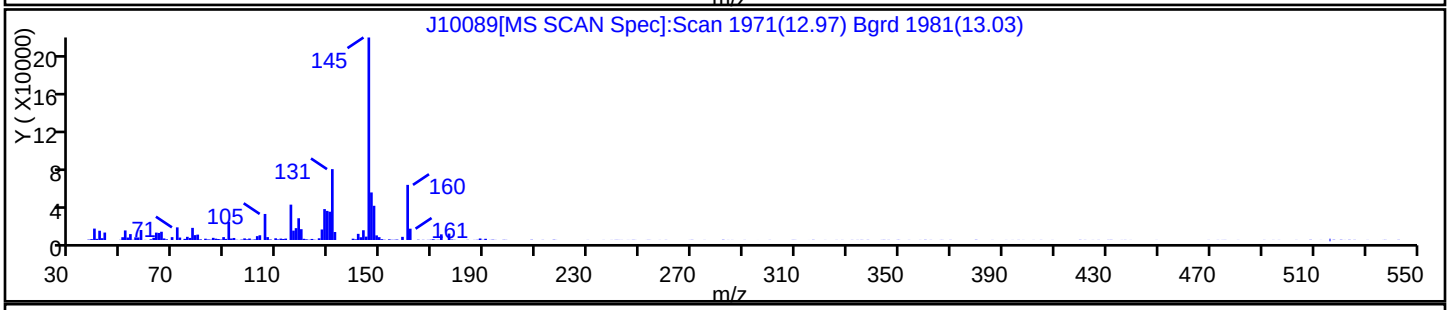
Purge Vol: 5.000 mL Dil. Factor: 50.0000

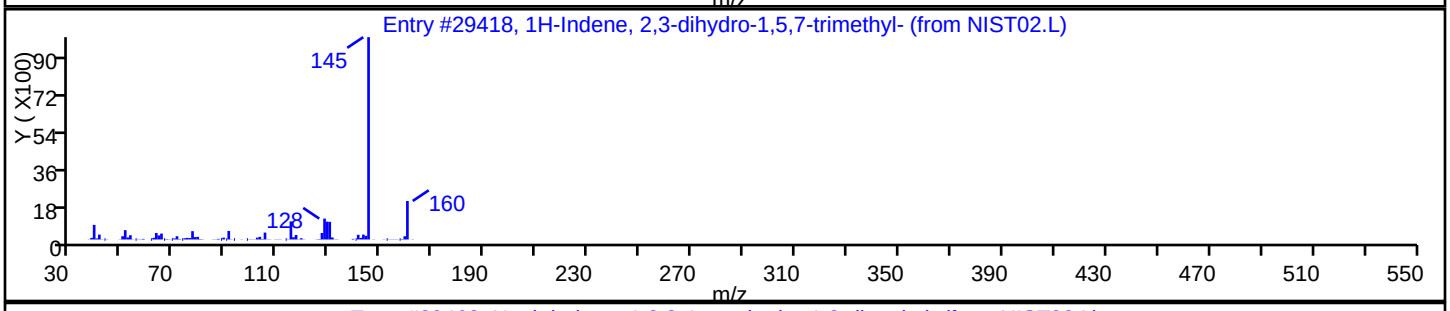
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

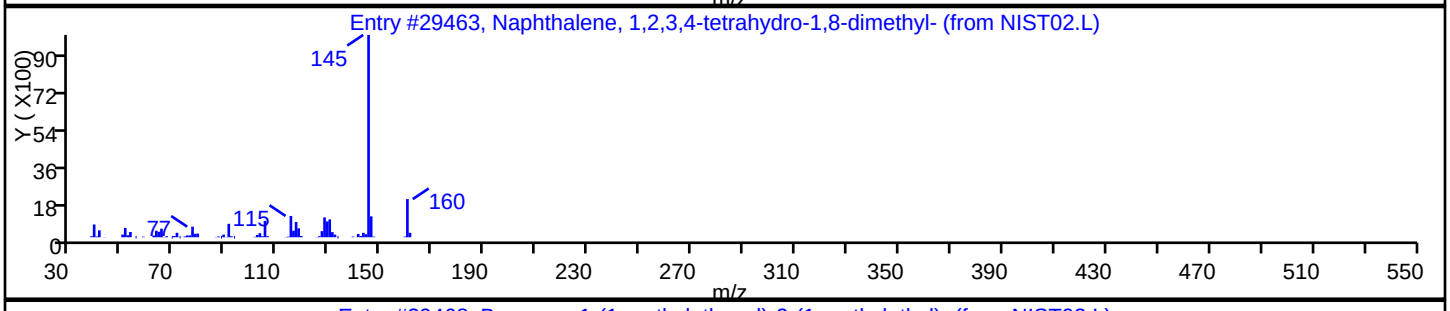
Column: Detector MS SCAN

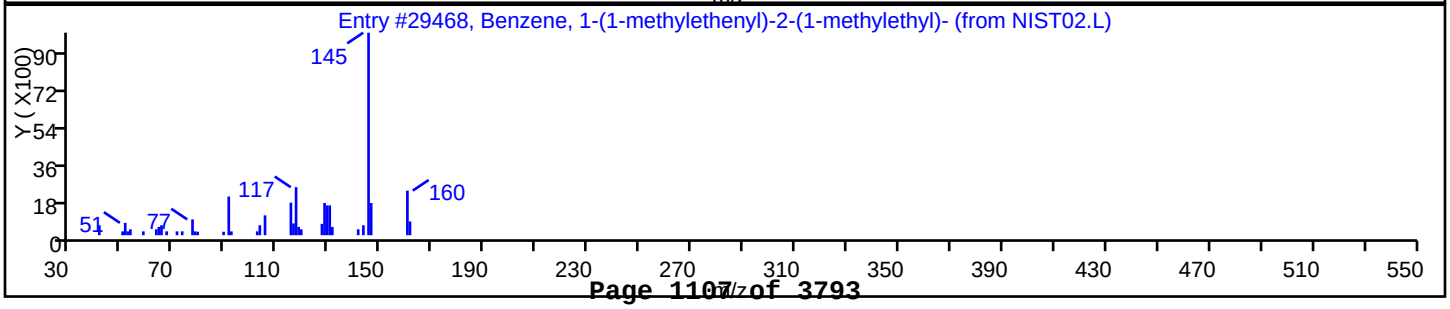
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Indene, 2,3-dihydro-1,5,7-trimethyl-	54340-88-4	NIST02.L	29418	C12H16	160	83
Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	25419-33-4	NIST02.L	29463	C12H16	160	81
Benzene, 1-(1-methylethenyl)-2-(1-methyl	5557-93-7	NIST02.L	29468	C12H16	160	81











Report Date: 17-Mar-2014 15:48:47 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10089.D

Injection Date: 16-Mar-2014 18:05:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-22-A Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

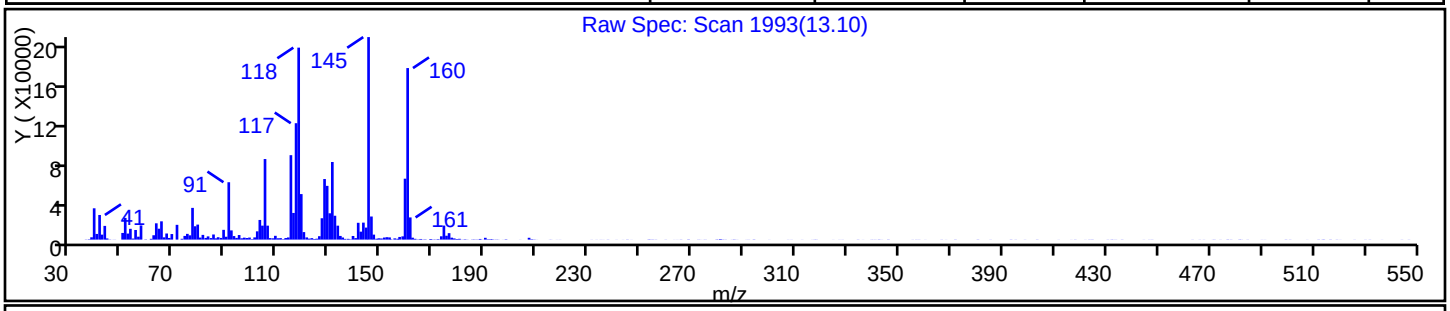
Operator ID: ALS Bottle#: 28 Worklist Smp#: 29

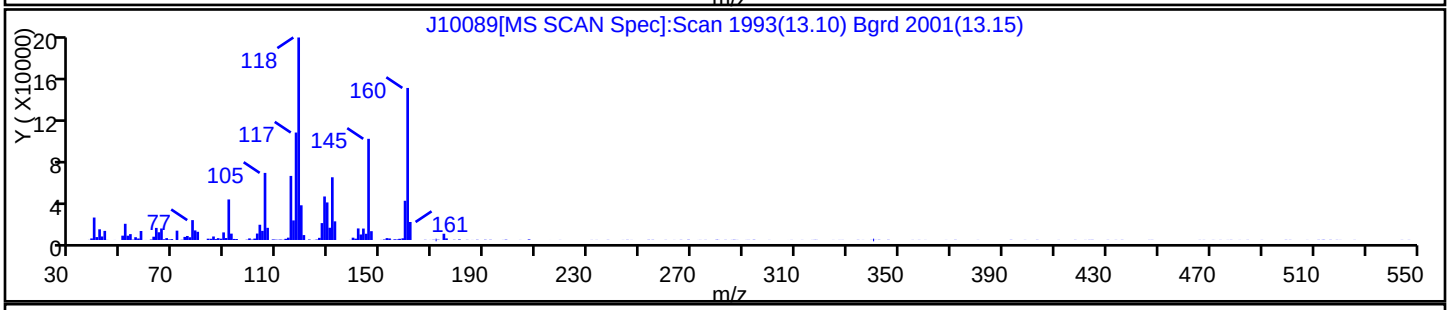
Purge Vol: 5.000 mL Dil. Factor: 50.0000

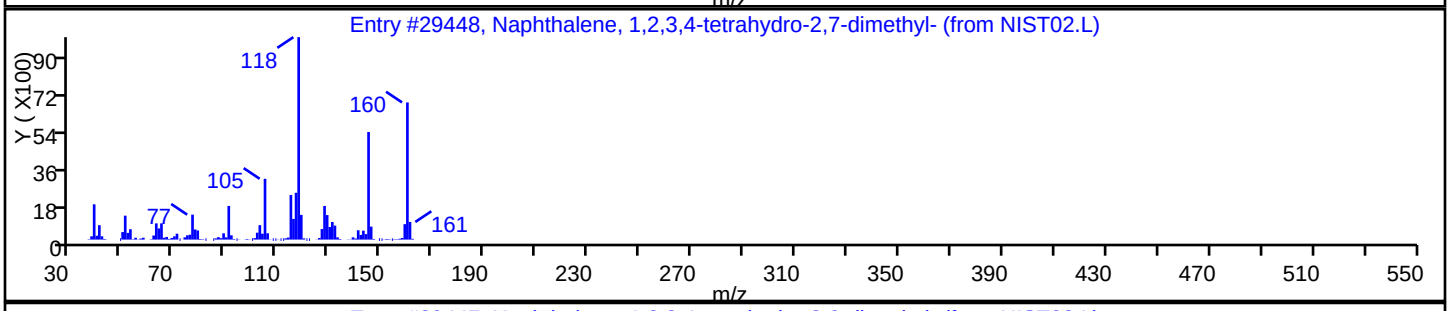
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

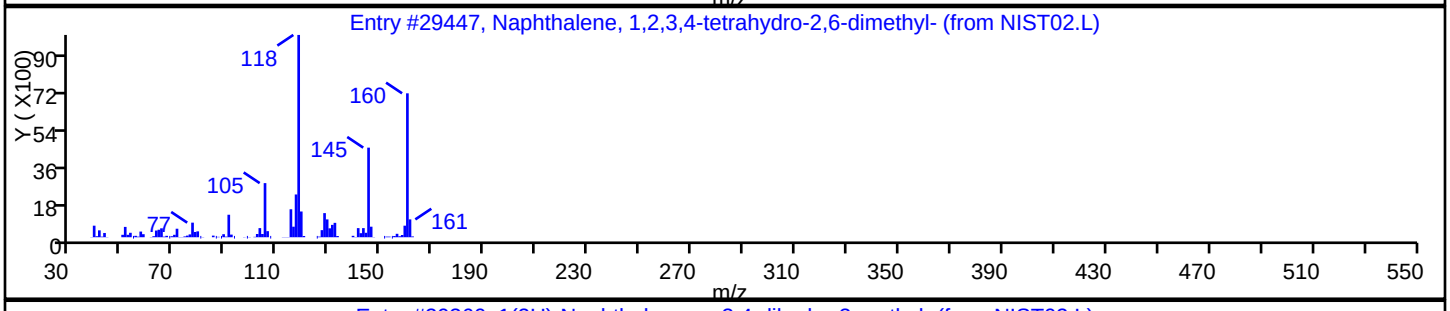
Column: Detector MS SCAN

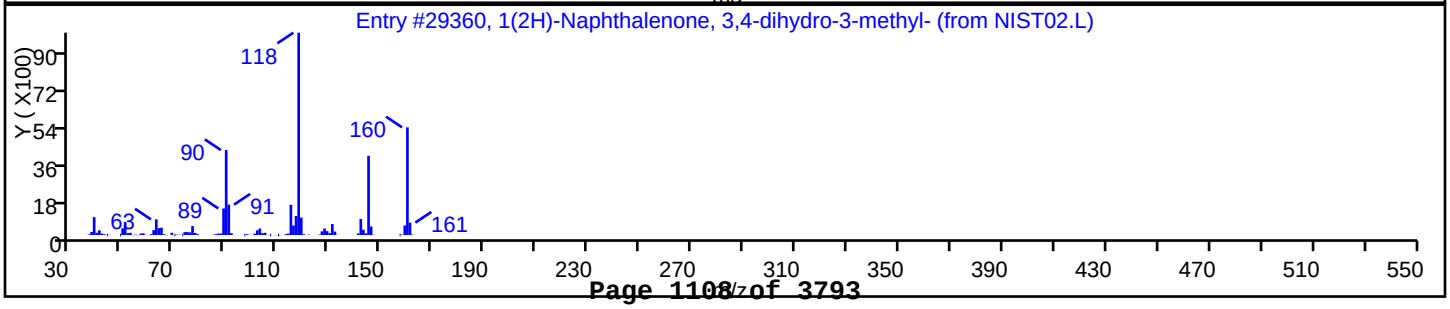
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-2,7-dime	13065-07-1	NIST02.L	29448	C12H16	160	90
Naphthalene, 1,2,3,4-tetrahydro-2,6-dime	7524-63-2	NIST02.L	29447	C12H16	160	76
1(2H)-Naphthalenone, 3,4-dihydro-3-methy	14944-23-1	NIST02.L	29360	C11H12O	160	62











FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-SI | Lab Sample ID: 460-72174-23

Matrix: Solid | Lab File ID: D367303.D

Analysis Method: 8260B | Date Collected: 03/06/2014 16:20

Sample wt/vol: 6.395(g) | Date Analyzed: 03/13/2014 15:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.3 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.14	U	0.87	0.14
74-83-9	Bromomethane	0.37	U	0.87	0.37
75-01-4	Vinyl chloride	0.30	U	0.87	0.30
75-00-3	Chloroethane	0.29	U	0.87	0.29
75-09-2	Methylene Chloride	0.13	U	0.87	0.13
67-64-1	Acetone	7.7	B	4.4	1.5
75-15-0	Carbon disulfide	0.13	U	0.87	0.13
75-69-4	Trichlorofluoromethane	0.14	U	0.87	0.14
75-35-4	1,1-Dichloroethene	0.17	U	0.87	0.17
75-34-3	1,1-Dichloroethane	0.096	U	0.87	0.096
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.87	0.11
156-59-2	cis-1,2-Dichloroethene	1.7		0.87	0.096
67-66-3	Chloroform	8.0		0.87	0.21
78-93-3	2-Butanone	0.55	U	4.4	0.55
107-06-2	1,2-Dichloroethane	0.16	U	0.87	0.16
71-55-6	1,1,1-Trichloroethane	0.11	U	0.87	0.11
56-23-5	Carbon tetrachloride	0.13	U	0.87	0.13
71-43-2	Benzene	0.13	U	0.87	0.13
75-25-2	Bromoform	0.15	U	0.87	0.15
100-42-5	Styrene	0.24	U	0.87	0.24
100-41-4	Ethylbenzene	0.15	U	0.87	0.15
108-90-7	Chlorobenzene	0.16	U	0.87	0.16
110-82-7	Cyclohexane	0.11	U	0.87	0.11
98-82-8	Isopropylbenzene	0.096	U	0.87	0.096
591-78-6	2-Hexanone	0.11	U	4.4	0.11
1634-04-4	MTBE	0.096	U	0.87	0.096
76-13-1	Freon TF	2.4		0.87	0.096
79-20-9	Methyl acetate	0.28	U	4.4	0.28
123-91-1	1,4-Dioxane	11	U	17	11
79-01-6	Trichloroethene	13		0.87	0.10
108-88-3	Toluene	0.24	J	0.87	0.12
10061-02-6	trans-1,3-Dichloropropene	0.087	U	0.87	0.087
108-10-1	4-Methyl-2-pentanone	0.17	U	4.4	0.17
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.87	0.12
95-50-1	1,2-Dichlorobenzene	0.087	U	0.87	0.087
541-73-1	1,3-Dichlorobenzene	0.14	U	0.87	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-SI | Lab Sample ID: 460-72174-23

Matrix: Solid | Lab File ID: D367303.D

Analysis Method: 8260B | Date Collected: 03/06/2014 16:20

Sample wt/vol: 6.395(g) | Date Analyzed: 03/13/2014 15:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.3 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.096	U	0.87	0.096
120-82-1	1,2,4-Trichlorobenzene	0.56	J	0.87	0.17
87-61-6	1,2,3-Trichlorobenzene	0.53	J	0.87	0.14
78-87-5	1,2-Dichloropropane	0.13	U	0.87	0.13
108-87-2	Methylcyclohexane	0.087	U	0.87	0.087
127-18-4	Tetrachloroethene	0.10	U	0.87	0.10
1330-20-7	Xylenes, Total	0.58	U	1.7	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	0.87	0.38
79-34-5	1,1,2,2-Tetrachloroethane	0.078	U	0.87	0.078
79-00-5	1,1,2-Trichloroethane	0.12	U	0.87	0.12
124-48-1	Dibromochloromethane	0.087	U	0.87	0.087
106-93-4	1,2-Dibromoethane	0.13	U	0.87	0.13
75-71-8	Dichlorodifluoromethane	0.19	U	0.87	0.19
74-97-5	Bromochloromethane	0.096	U	0.87	0.096
75-27-4	Bromodichloromethane	0.28	U	0.87	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	Bromofluorobenzene	91		70-130
1868-53-7	Dibromofluoromethane (Surr)	90		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-SI | Lab Sample ID: 460-72174-23

Matrix: Solid | Lab File ID: D367303.D

Analysis Method: 8260B | Date Collected: 03/06/2014 16:20

Sample wt/vol: 6.395(g) | Date Analyzed: 03/13/2014 15:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.3 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 139.2

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1120-21-4	Undecane	9.92	16	J N
112-40-3	Dodecane	10.67	16	J N
527-53-7	Benzene, 1,2,3,5-tetramethyl-	10.79	17	J N
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	11.05	13	J N
629-50-5	Tridecane	11.33	14	J N
3891-98-3	Dodecane, 2,6,10-trimethyl-	11.90	9.2	J N
629-59-4	Tetradecane	12.03	15	J N
91-57-6	Naphthalene, 2-methyl-	12.30	13	J N
17312-82-2	Undecane, 4,6-dimethyl-	12.58	15	J N
629-62-9	Pentadecane	12.89	11	J N

Report Date: 15-Mar-2014 13:09:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367303.D
Lims ID: 460-72174-B-23-A Lab Sample ID: 460-72174-23
Client ID: PMP-13SW-SI
Sample Type: Client
Inject. Date: 13-Mar-2014 15:00:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-23-A
Misc. Info.: 460-0010815-023
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 13:09:44 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: starzecm Date: 13-Mar-2014 19:25:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.049	2.049	0.0	75	12840	2.75	M
19 Acetone	43	2.416	2.419	-0.003	81	6151	8.84	
* 151 TBA-d9 (IS)	65	2.628	2.628	0.0	64	140316	1000.0	
42 cis-1,2-Dichloroethene	96	3.323	3.326	-0.004	81	6985	1.92	
47 Chloroform	83	3.554	3.554	0.0	84	49776	9.20	
$ 152 Dibromofluoromethane (Surr)	113	3.699	3.702	-0.003	90	92617	45.0	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.149	4.152	-0.003	94	86530	48.2	
* 59 Fluorobenzene	96	4.412	4.409	0.003	88	468492	50.0	
61 Trichloroethene	95	4.573	4.567	0.006	81	46938	14.4	
* 150 1,4-Dioxane-d8	96	5.367	5.377	-0.010	1	9629	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.075	6.072	0.003	90	438422	45.3	
77 Toluene	91	6.133	6.133	0.0	68	3928	0.2752	
* 87 Chlorobenzene-d5	117	7.779	7.776	0.003	87	280119	50.0	
92 o-Xylene	106	8.367	8.367	0.0	86	2031	0.3648	
$ 99 4-Bromofluorobenzene	174	8.859	8.853	0.006	77	92611	45.5	
* 116 1,4-Dichlorobenzene-d4	152	9.721	9.721	0.0	91	138379	50.0	
124 1,2,4-Trichlorobenzene	180	11.087	11.091	-0.004	34	2541	0.6393	
128 1,2,3-Trichlorobenzene	180	11.448	11.448	0.0	12	2023	0.6058	
S 131 Xylenes, Total	100				0		0.3648	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367303.D
Lims ID: 460-72174-B-23-A Lab Sample ID: 460-72174-23
Client ID: PMP-13SW-SI
Sample Type: Client
Inject. Date: 13-Mar-2014 15:00:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-23-A
Misc. Info.: 460-0010815-023
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 13:09:44 Calib Date: 12-Mar-2014 20:41:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 40

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: starzecm Date: 13-Mar-2014 19:25:24

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	1120-21-4 Undecane							
9.917	288039	17.8	116	87	27118	C11H24	156	
	112-40-3 Dodecane							
10.669	303796	18.8	116	81	36159	C12H26	170	
	527-53-7 Benzene, 1,2,3,5-tetramethyl-							
10.792	316131	19.5	116	80	14356	C10H14	134	
	54676-39-0 Cyclohexane, 2-butyl-1,1,3-trimethyl-							
11.052	241603	14.9	116	86	44161	C13H26	182	
	629-50-5 Tridecane							
11.325	265342	16.4	116	72	45540	C13H28	184	
	3891-98-3 Dodecane, 2,6,10-trimethyl-							
11.898	170976	10.6	116	86	64585	C15H32	212	
	629-59-4 Tetradecane							
12.026	276022	17.1	116	93	55009	C14H30	198	
	91-57-6 Naphthalene, 2-methyl-							
12.300	247655	15.3	116	74	18501	C11H10	142	
	17312-82-2 Undecane, 4,6-dimethyl-							
12.583	273824	16.9	116	87	45578	C13H28	184	
	629-62-9 Pentadecane							
12.885	199579	12.3	116	91	64574	C15H32	212	

Report Date: 15-Mar-2014 13:09:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367303.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	9.721	809257	50.0

QC Flag Legend

Processing Flags

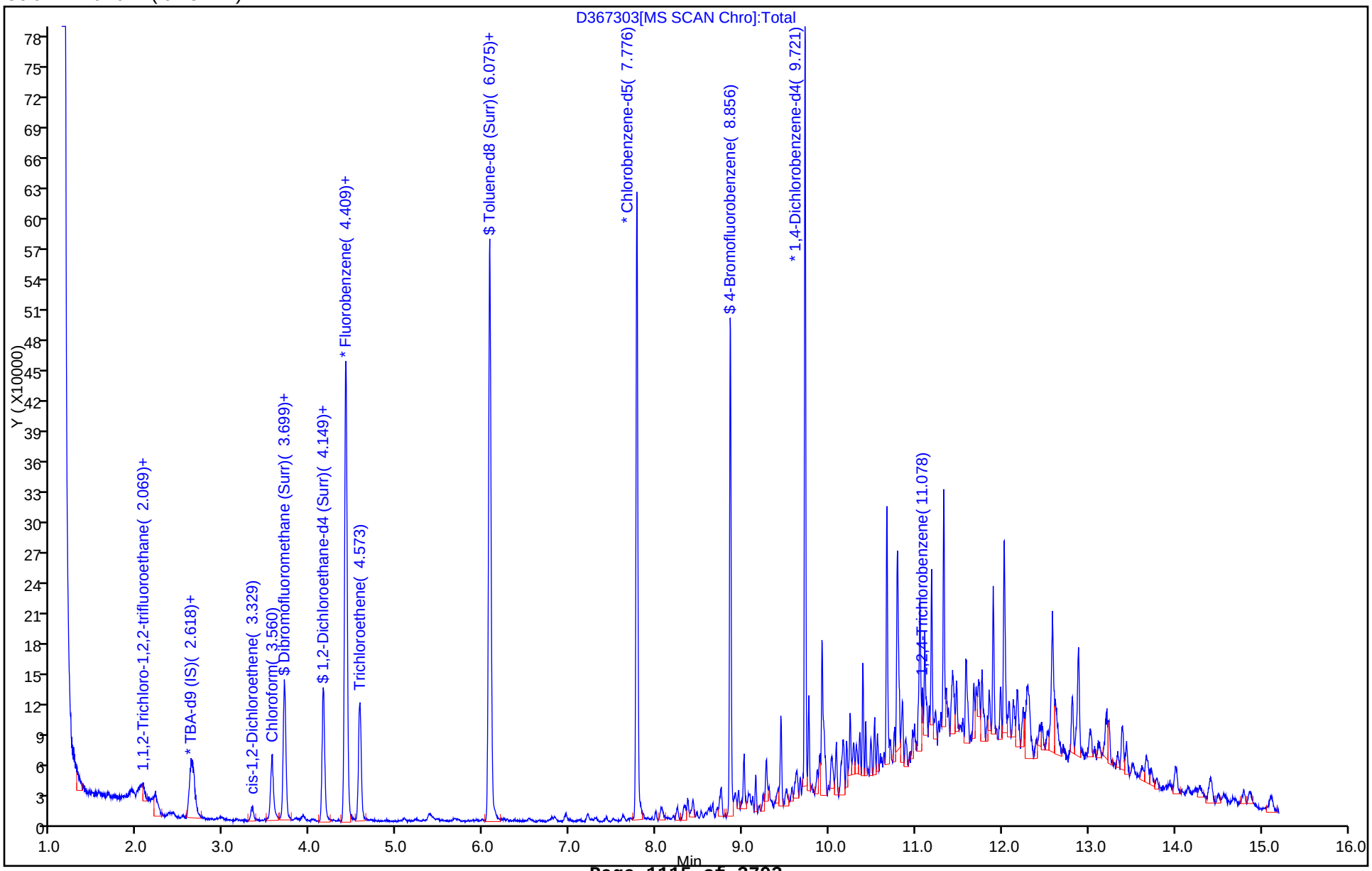
Report Date: 15-Mar-2014 13:09:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367303.D

Injection Date:	13-Mar-2014 15:00:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-B-23-A	Lab Sample ID:	460-72174-23	Worklist Smp#:	23
Client ID:	PMP-13SW-SI				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)

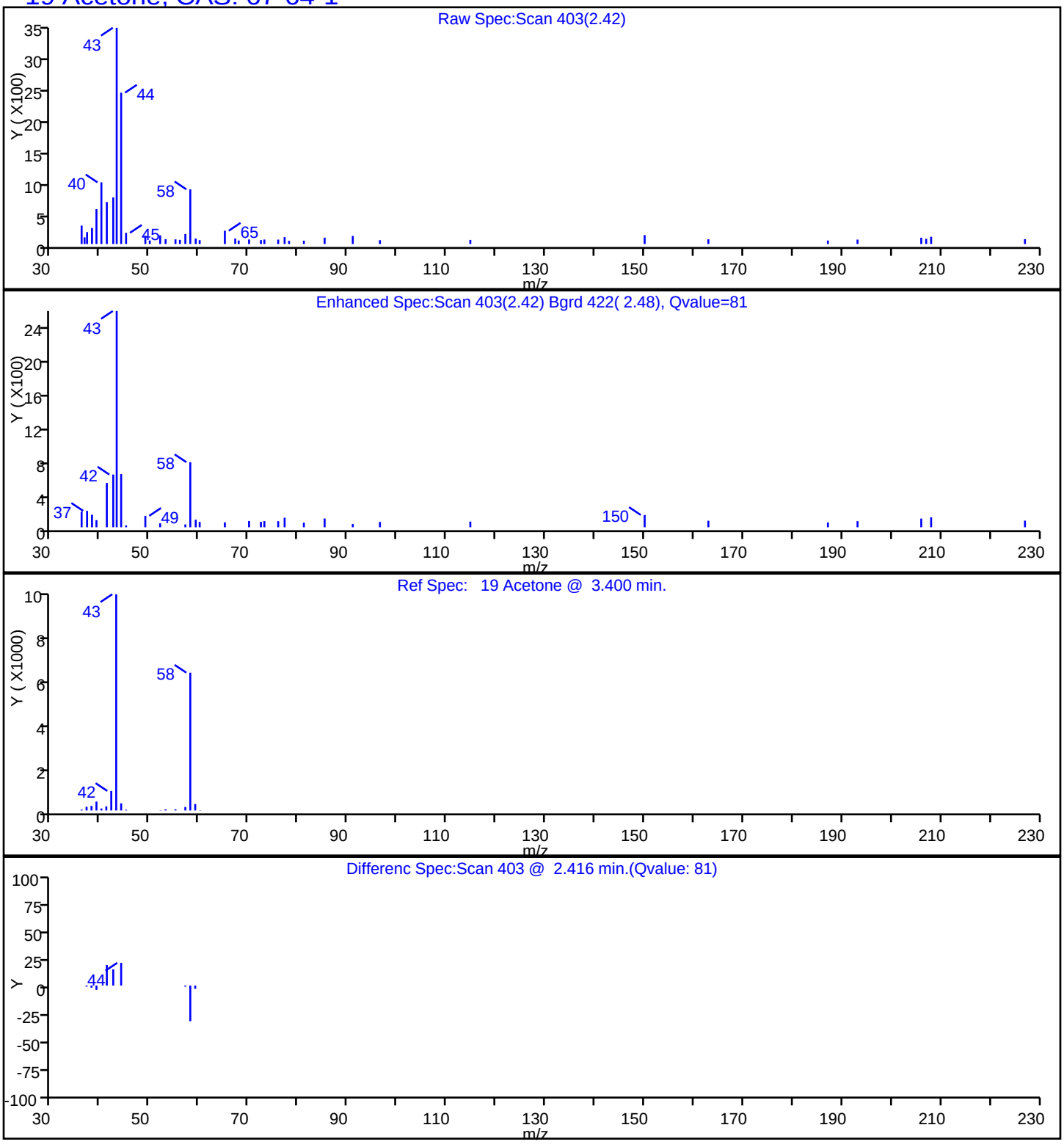


Report Date: 15-Mar-2014 13:09:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367303.D				
Injection Date:	13-Mar-2014 15:00:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-23-A	Lab Sample ID:	460-72174-23		
Client ID:	PMP-13SW-SI				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

19 Acetone, CAS: 67-64-1



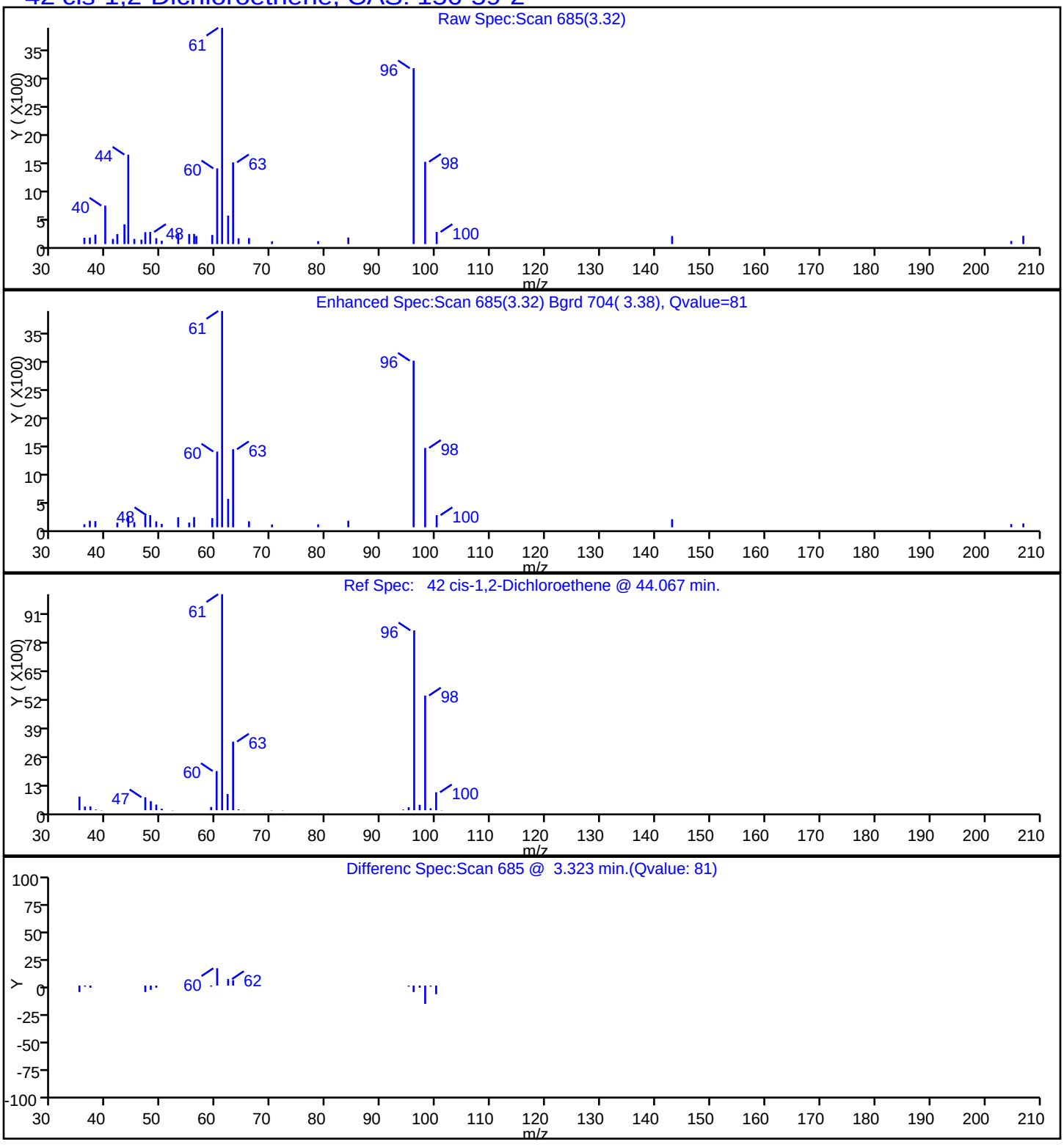
Report Date: 15-Mar-2014 13:09:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367303.D

Injection Date:	13-Mar-2014 15:00:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-23-A	Lab Sample ID:	460-72174-23		
Client ID:	PMP-13SW-SI				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

42 cis-1,2-Dichloroethene, CAS: 156-59-2



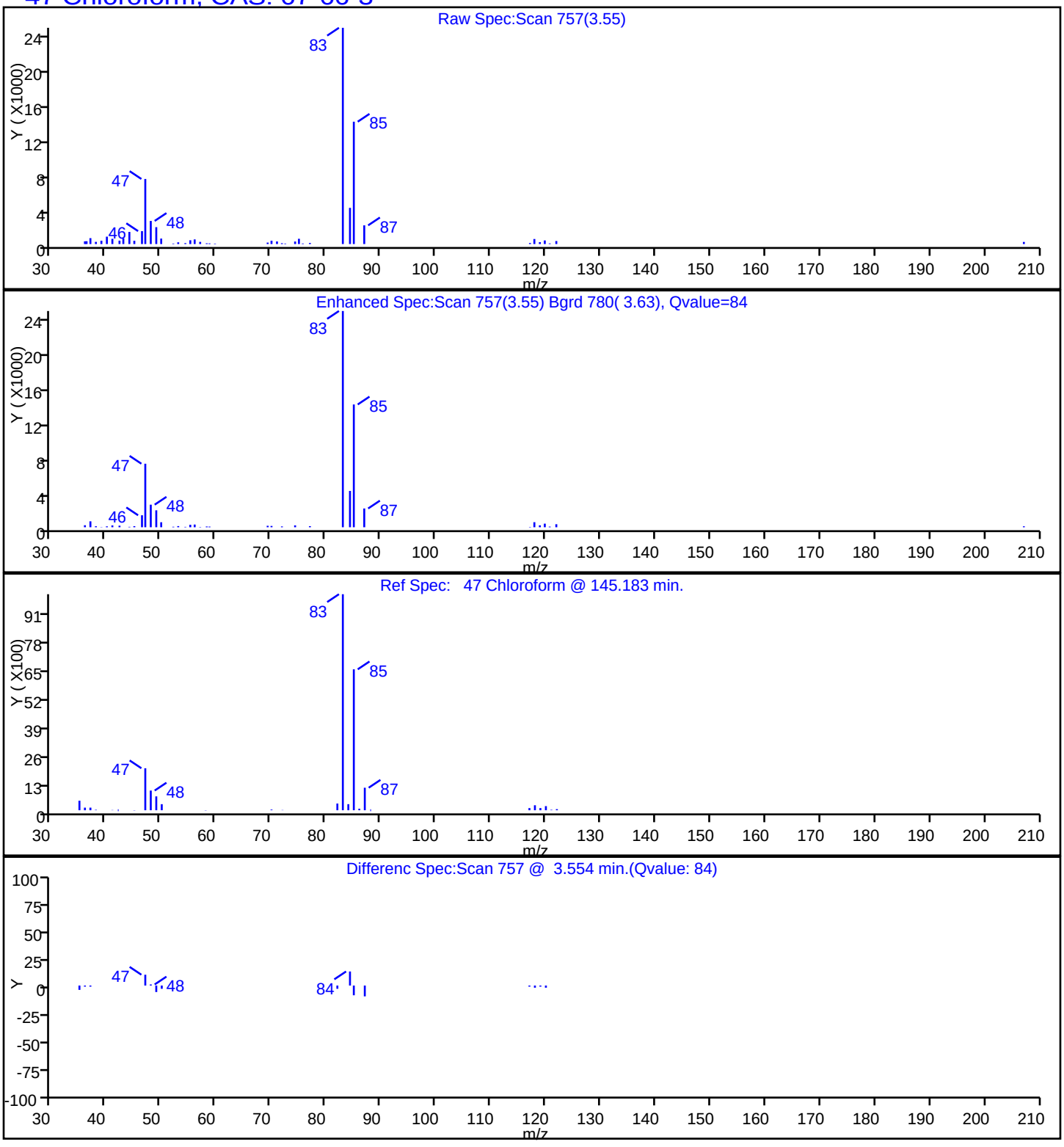
Report Date: 15-Mar-2014 13:09:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367303.D

Injection Date:	13-Mar-2014 15:00:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-23-A	Lab Sample ID:	460-72174-23		
Client ID:	PMP-13SW-SI				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

47 Chloroform, CAS: 67-66-3



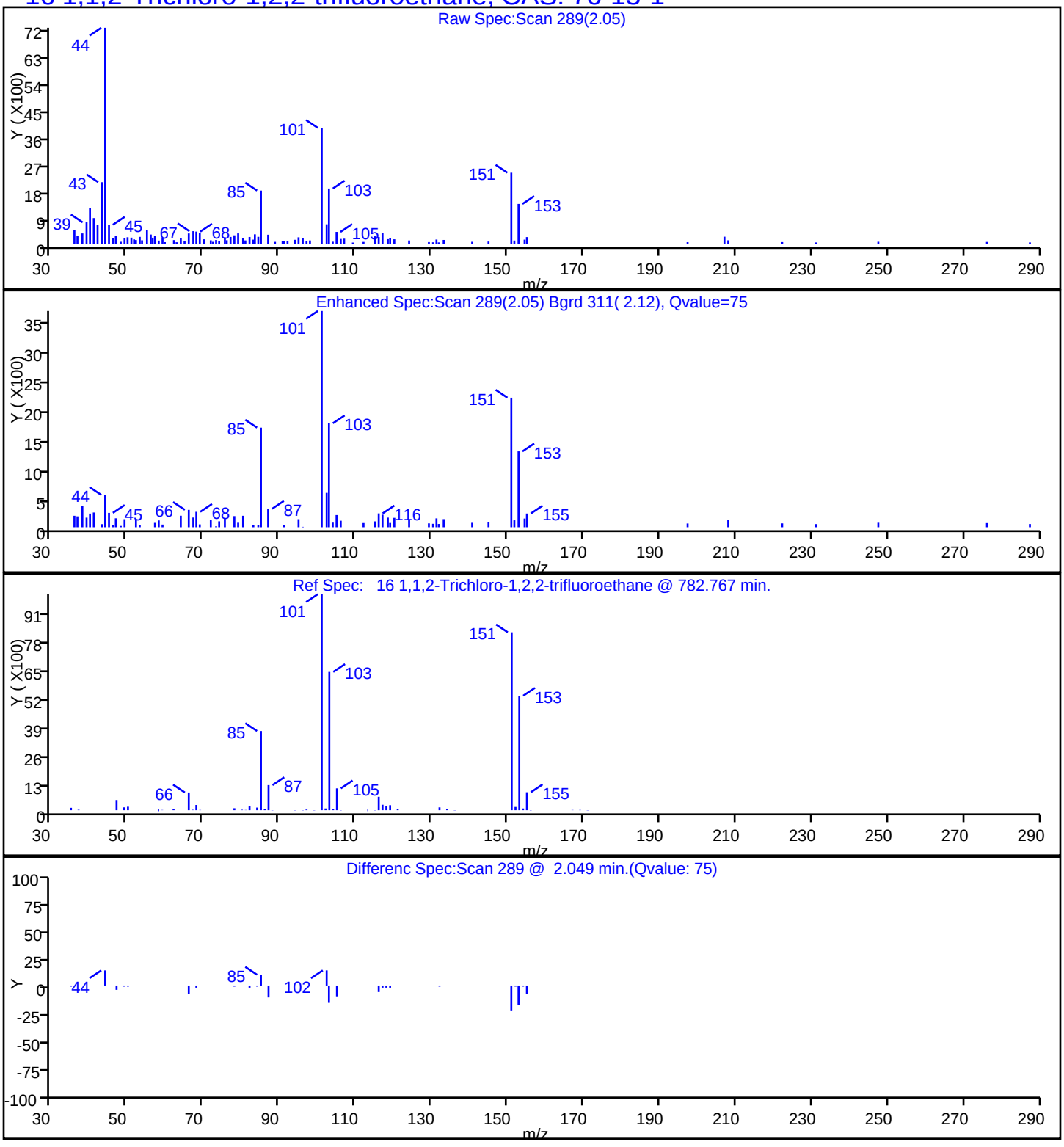
Report Date: 15-Mar-2014 13:09:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367303.D

Injection Date:	13-Mar-2014 15:00:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-23-A	Lab Sample ID:	460-72174-23		
Client ID:	PMP-13SW-SI				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

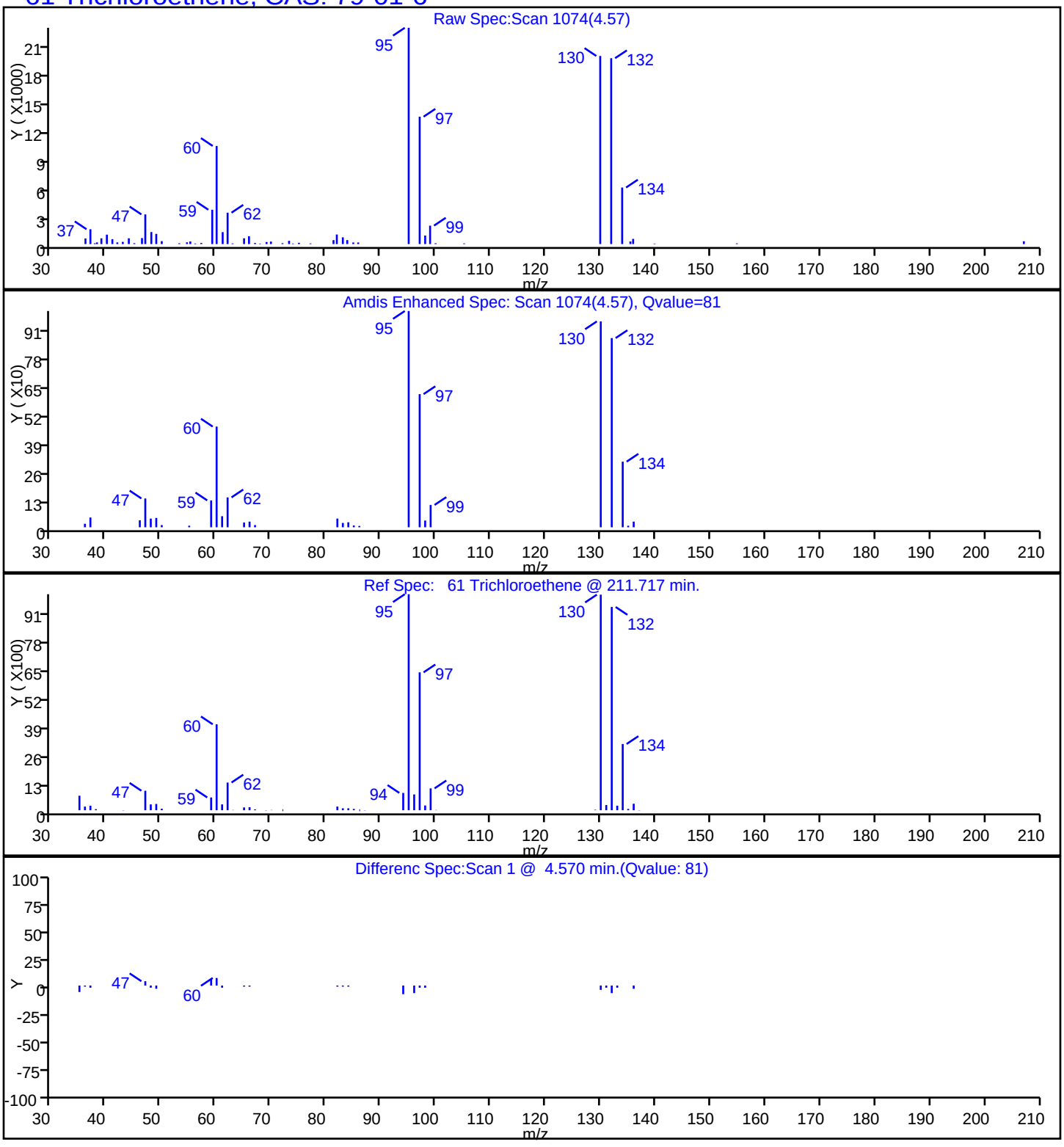


Report Date: 15-Mar-2014 13:09:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367303.D				
Injection Date:	13-Mar-2014 15:00:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-23-A	Lab Sample ID:	460-72174-23		
Client ID:	PMP-13SW-SI				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

61 Trichloroethene, CAS: 79-01-6

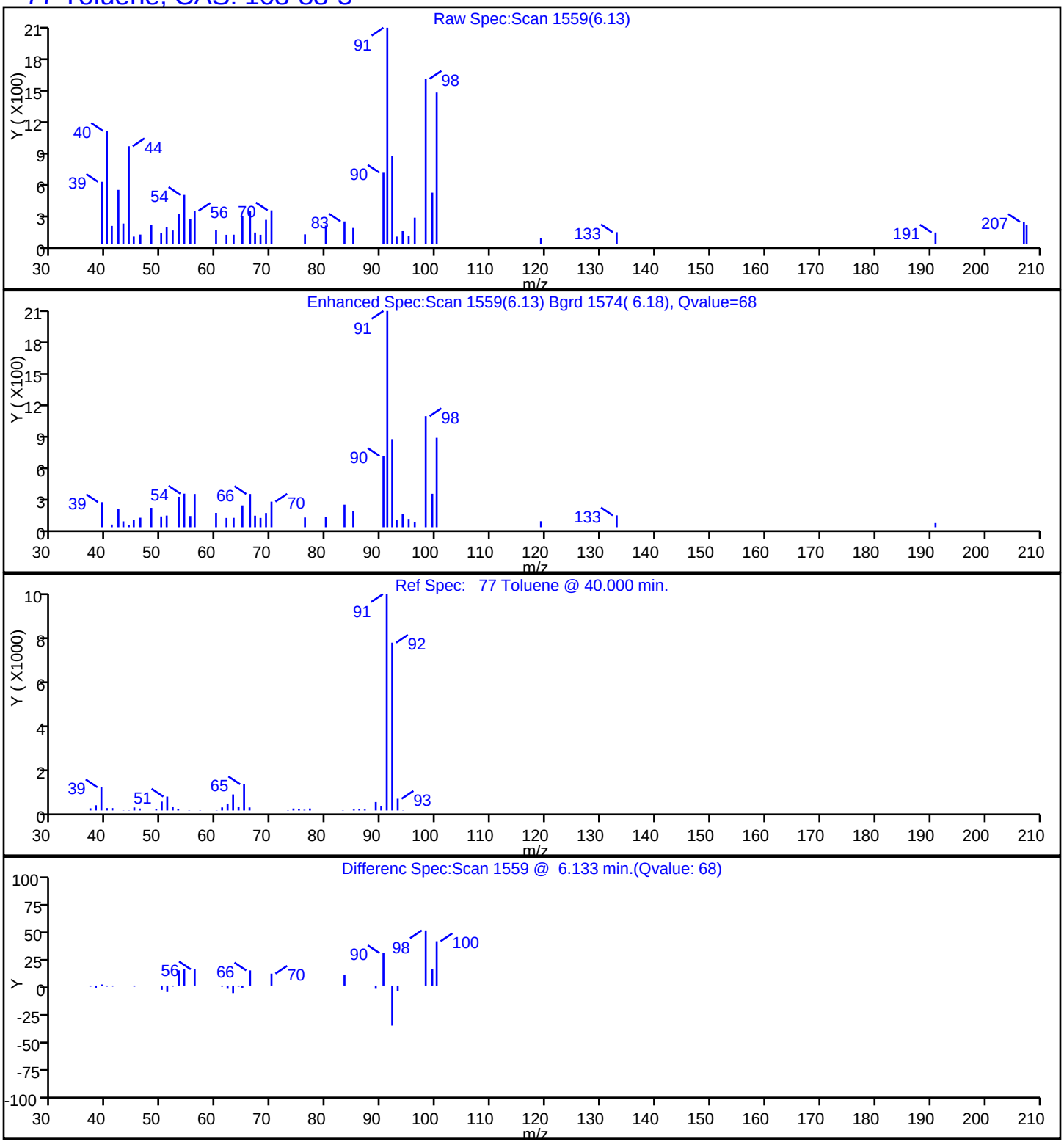


Report Date: 15-Mar-2014 13:09:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367303.D				
Injection Date:	13-Mar-2014 15:00:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-23-A	Lab Sample ID:	460-72174-23		
Client ID:	PMP-13SW-SI				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

77 Toluene, CAS: 108-88-3

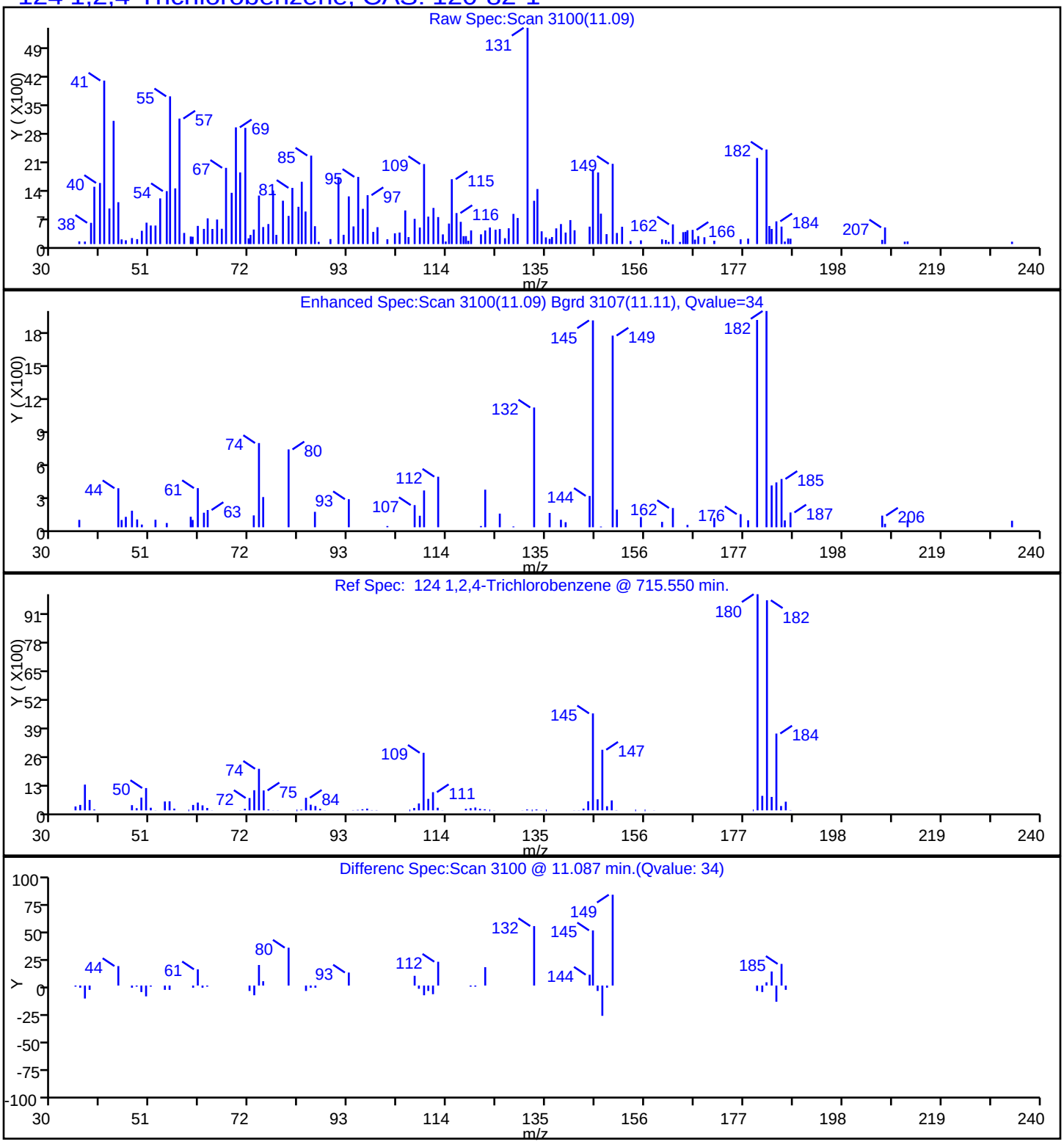


Report Date: 15-Mar-2014 13:09:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367303.D				
Injection Date:	13-Mar-2014 15:00:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-23-A	Lab Sample ID:	460-72174-23		
Client ID:	PMP-13SW-SI				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



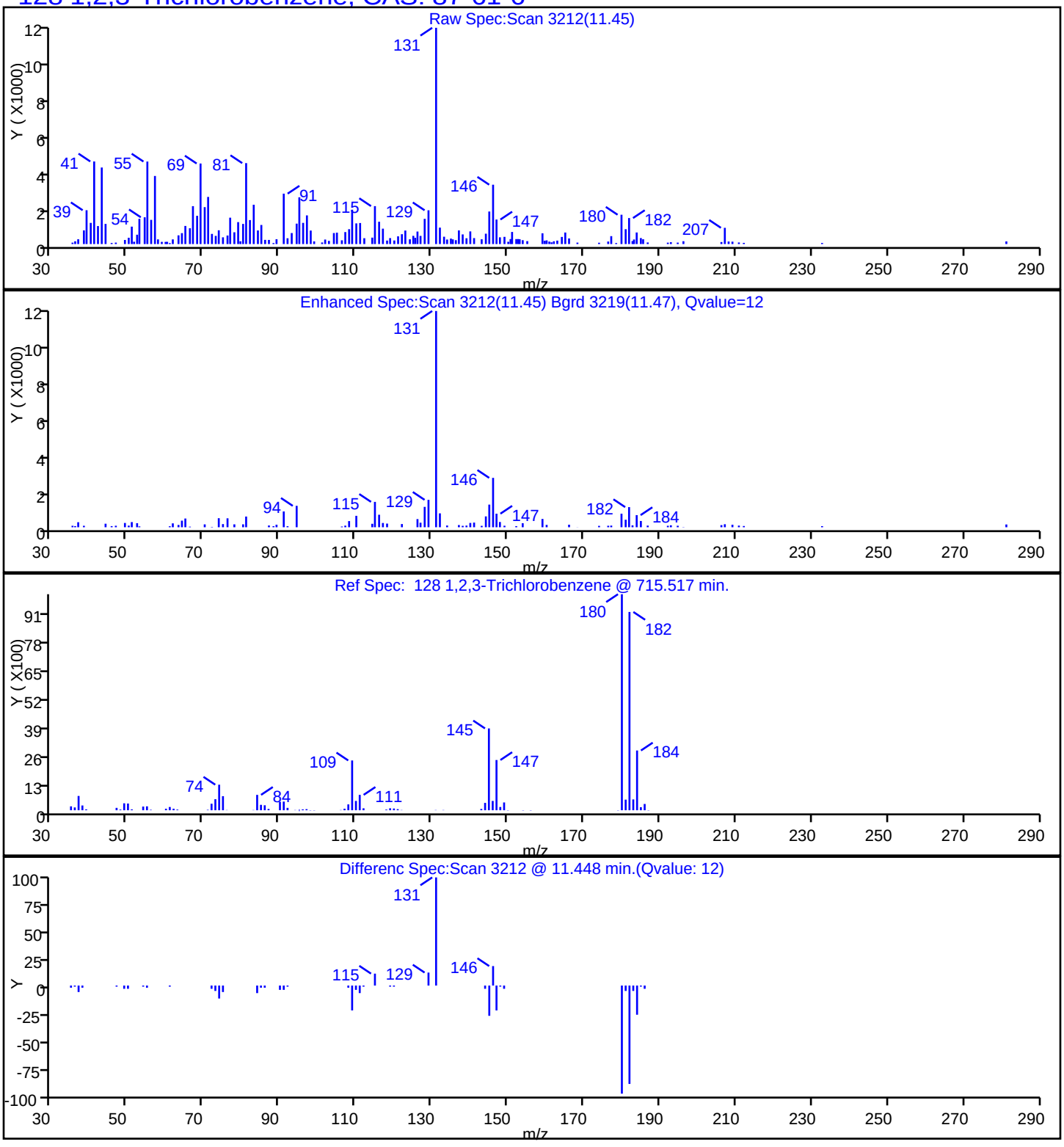
Report Date: 15-Mar-2014 13:09:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367303.D

Injection Date:	13-Mar-2014 15:00:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-23-A	Lab Sample ID:	460-72174-23		
Client ID:	PMP-13SW-SI				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



Manual Integration/User Assign Peak Report

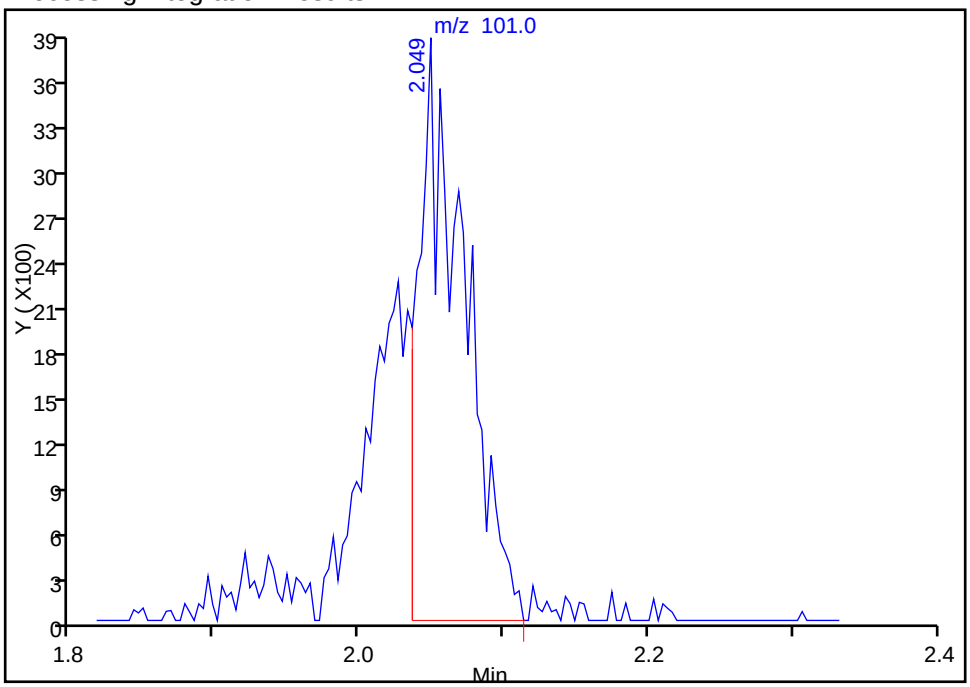
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367303.D				
Injection Date:	13-Mar-2014 15:00:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-23-A	Lab Sample ID:	460-72174-23		
Client ID:	PMP-13SW-SI				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

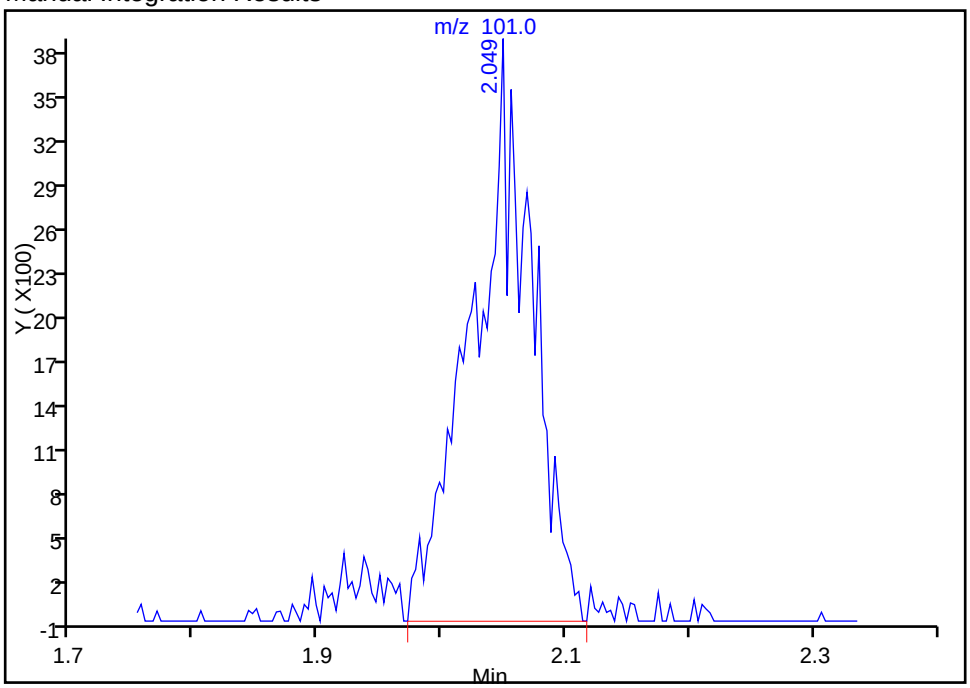
Processing Integration Results

RT: 2.05
Response: 8399
Amount: 1.798324



Manual Integration Results

RT: 2.05
Response: 12840
Amount: 2.749194



Reviewer: baronm, 15-Mar-2014 13:09:44
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Report Date: 15-Mar-2014 13:09:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367303.D

Injection Date: 13-Mar-2014 15:00:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-23-A Lab Sample ID: 460-72174-23

Client ID: PMP-13SW-SI

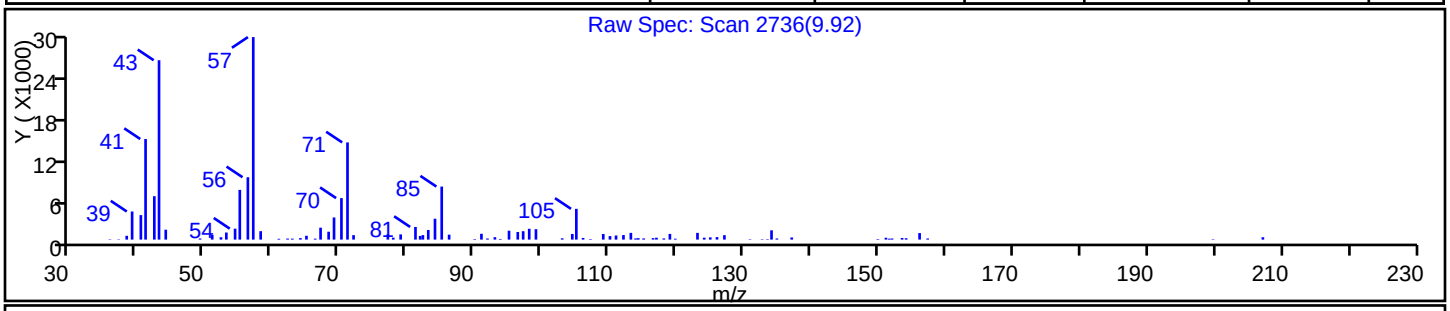
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23

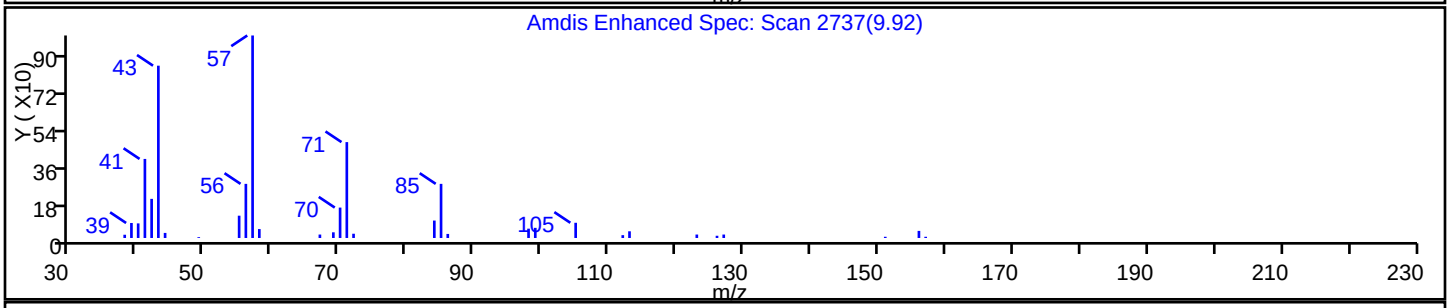
Purge Vol: 5.000 mL Dil. Factor: 1.0000

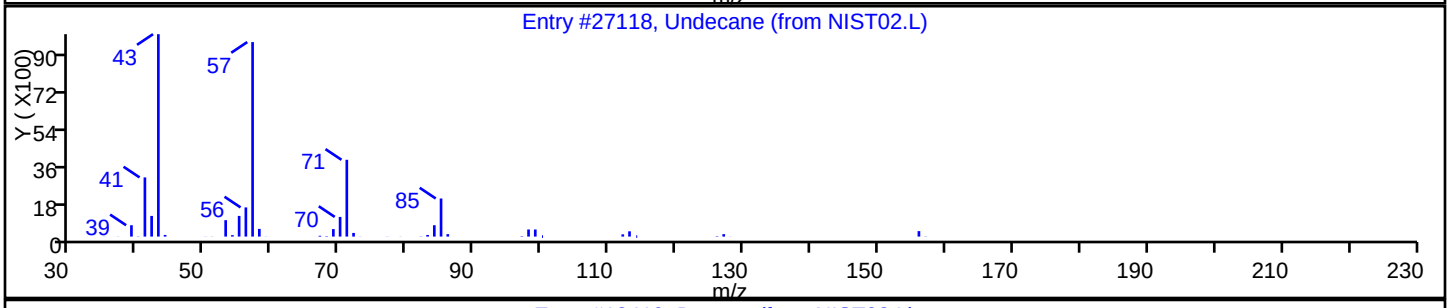
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

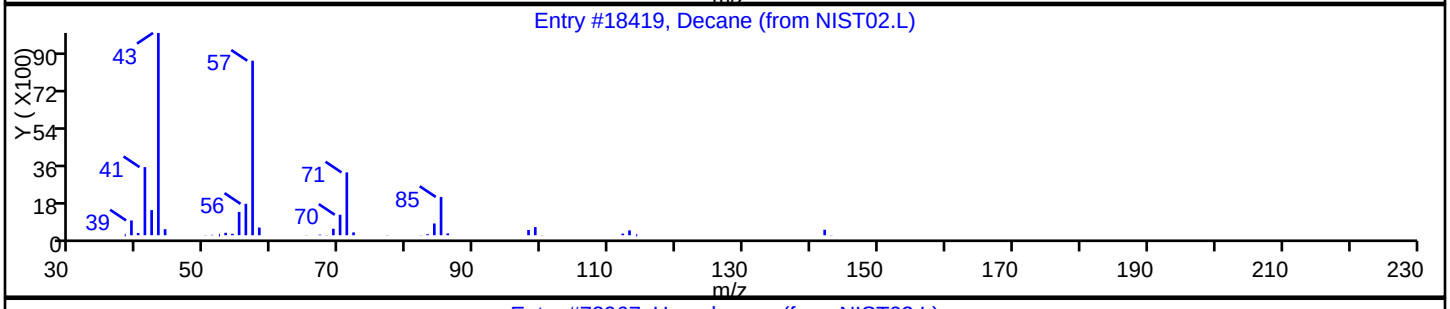
Column: Detector MS SCAN

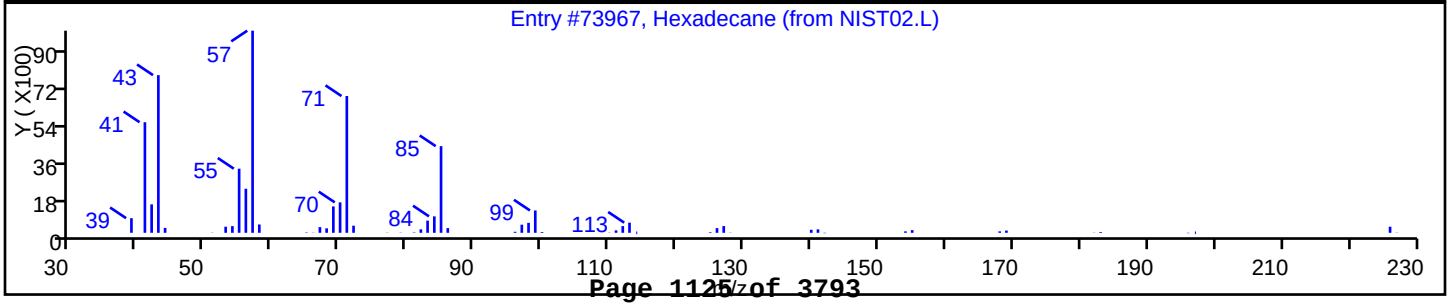
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Undecane	1120-21-4	NIST02.L	27118	C11H24	156	87
Decane	124-18-5	NIST02.L	18419	C10H22	142	83
Hexadecane	544-76-3	NIST02.L	73967	C16H34	226	83











Report Date: 15-Mar-2014 13:09:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367303.D

Injection Date: 13-Mar-2014 15:00:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-23-A Lab Sample ID: 460-72174-23

Client ID: PMP-13SW-SI

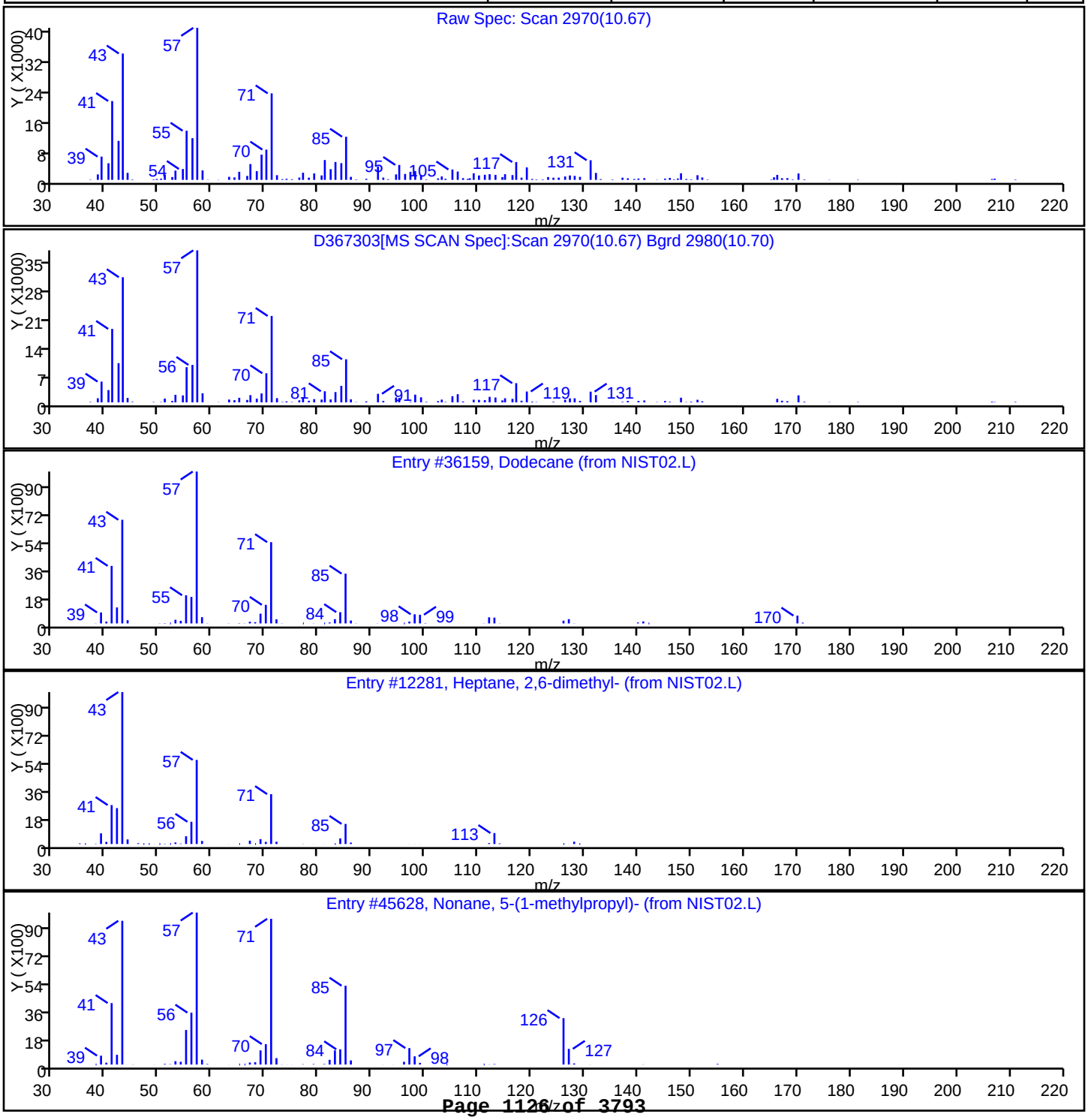
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane	112-40-3	NIST02.L	36159	C12H26	170	81
Heptane, 2,6-dimethyl-	1072-05-5	NIST02.L	12281	C9H20	128	52
Nonane, 5-(1-methylpropyl)-	62185-54-0	NIST02.L	45628	C13H28	184	50



Report Date: 15-Mar-2014 13:09:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367303.D

Injection Date: 13-Mar-2014 15:00:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-23-A Lab Sample ID: 460-72174-23

Client ID: PMP-13SW-SI

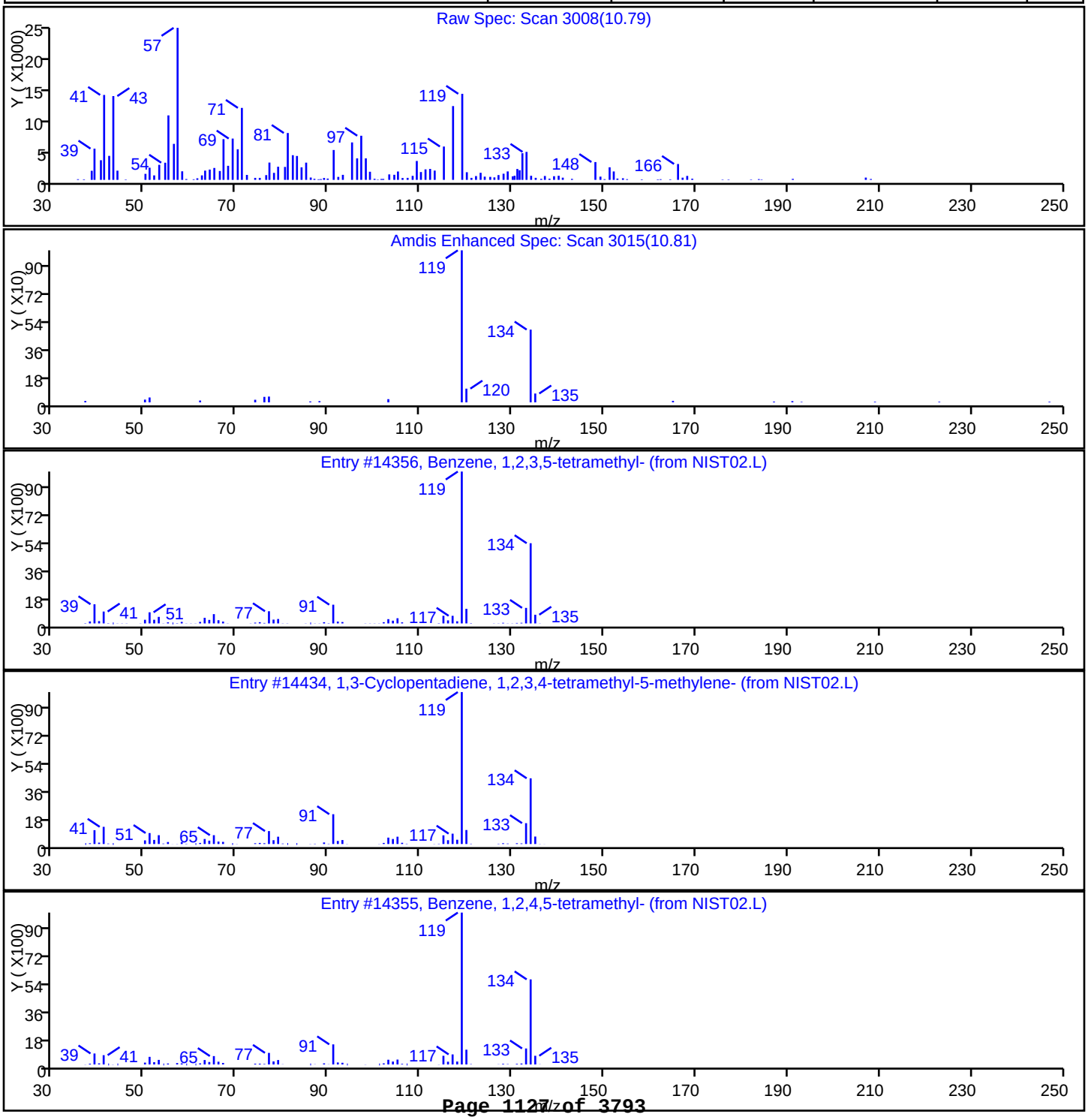
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.L	14356	C10H14	134	80
1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	76089-59-3	NIST02.L	14434	C10H14	134	80
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14355	C10H14	134	80



Report Date: 15-Mar-2014 13:09:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367303.D

Injection Date: 13-Mar-2014 15:00:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-23-A Lab Sample ID: 460-72174-23

Client ID: PMP-13SW-SI

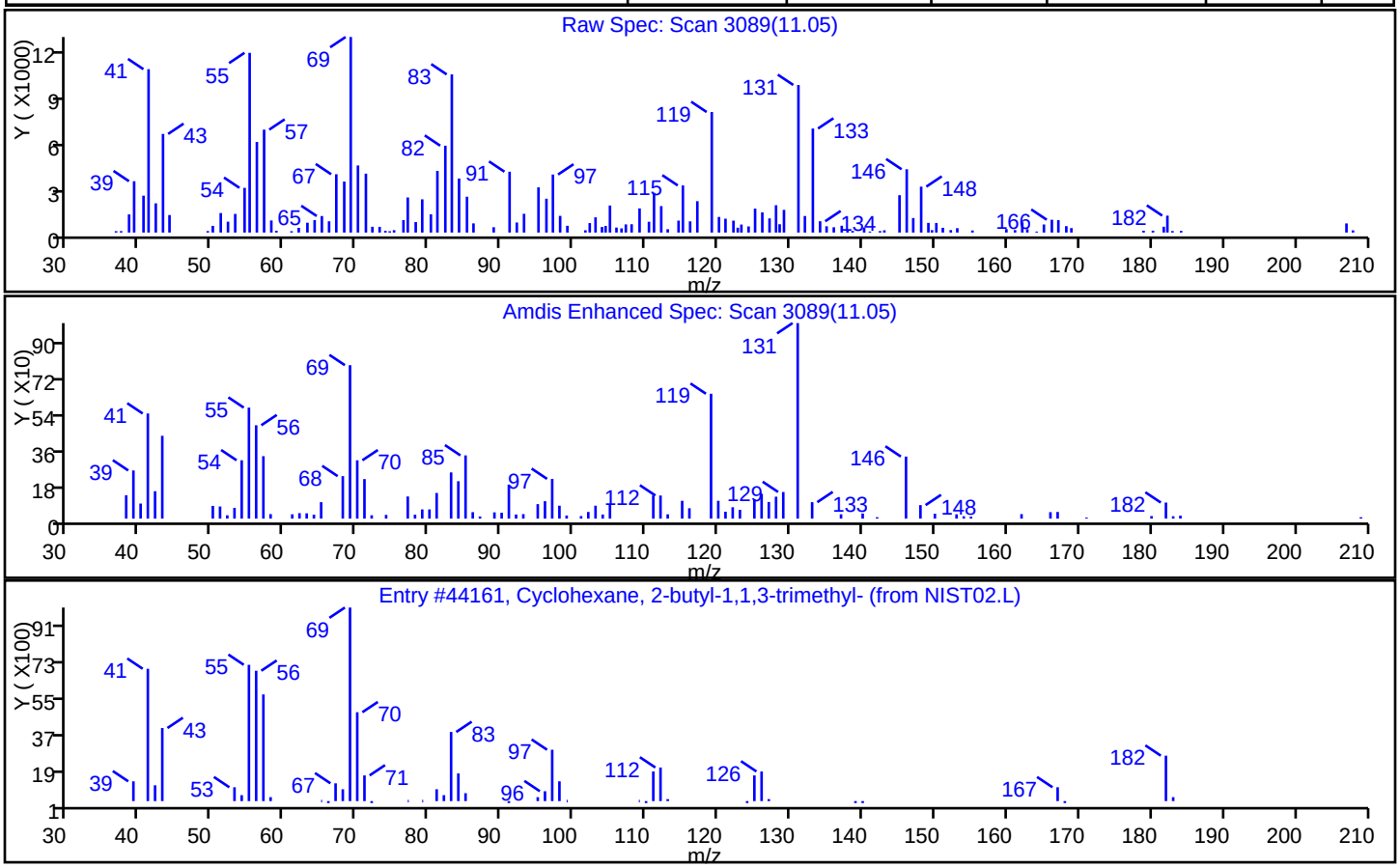
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, 2-butyl-1,1,3-trimethyl-	54676-39-0	NIST02.L	44161	C13H26	182	86



Report Date: 15-Mar-2014 13:09:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367303.D

Injection Date: 13-Mar-2014 15:00:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-23-A Lab Sample ID: 460-72174-23

Client ID: PMP-13SW-SI

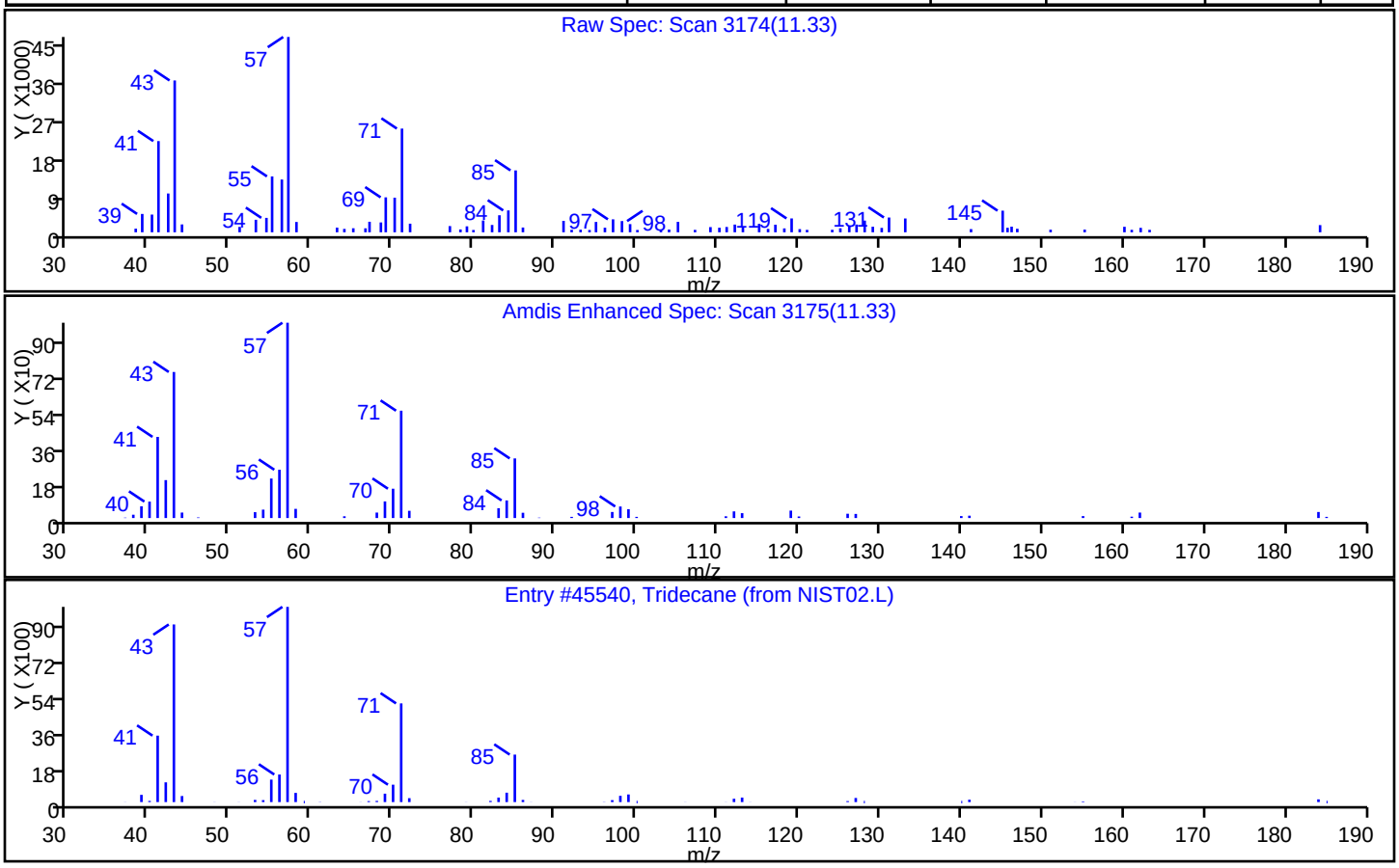
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tridecane	629-50-5	NIST02.L	45540	C13H28	184	72



Report Date: 15-Mar-2014 13:09:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367303.D

Injection Date: 13-Mar-2014 15:00:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-23-A Lab Sample ID: 460-72174-23

Client ID: PMP-13SW-SI

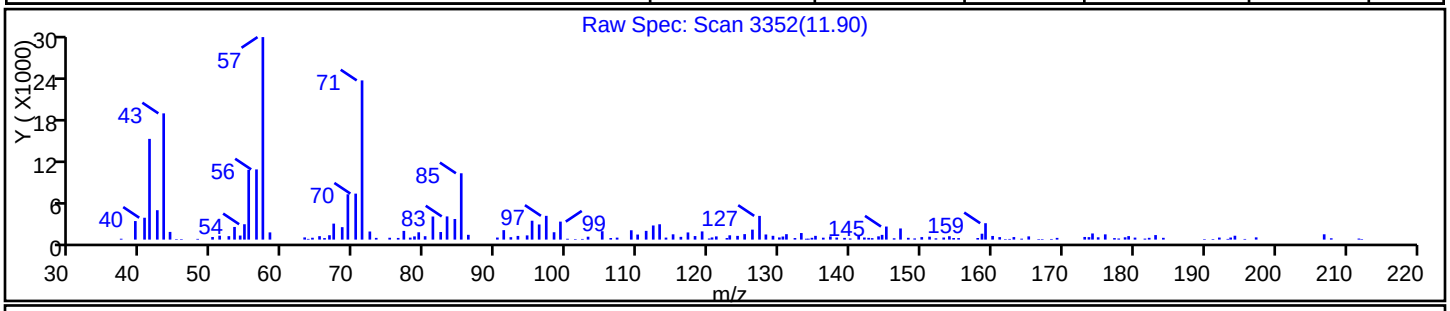
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23

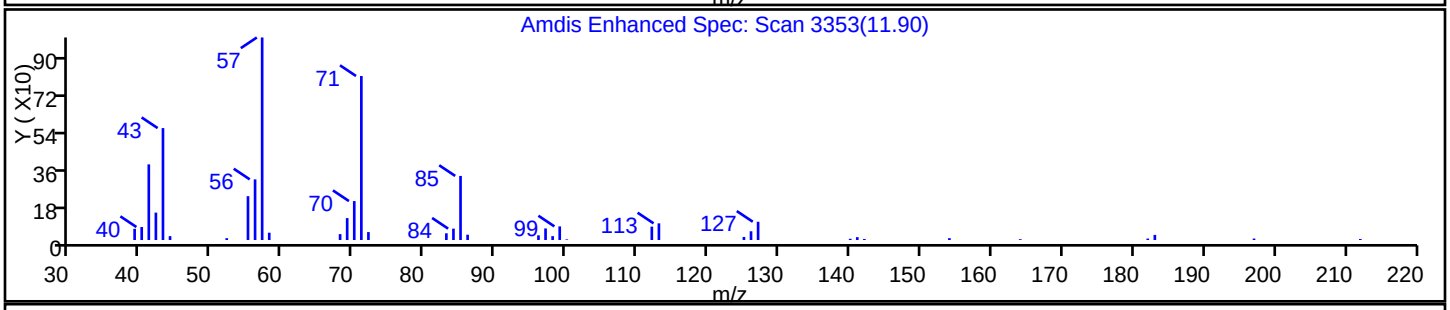
Purge Vol: 5.000 mL Dil. Factor: 1.0000

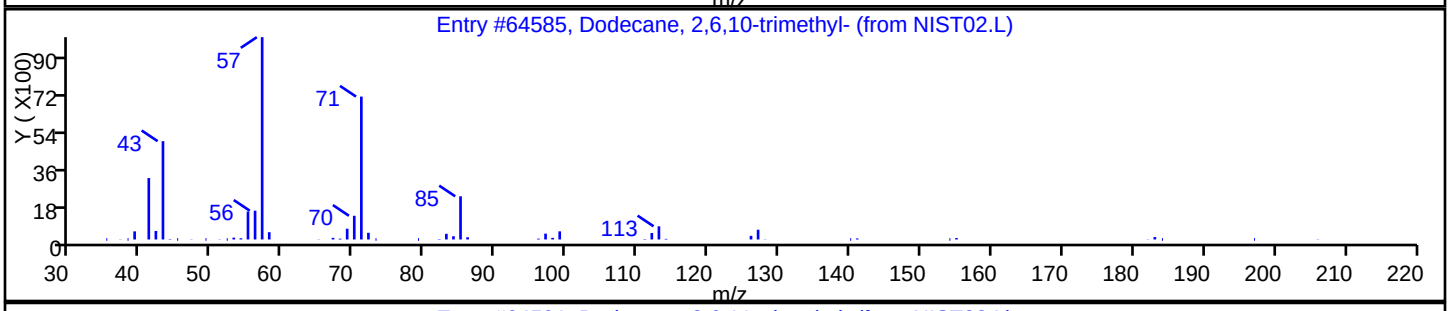
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

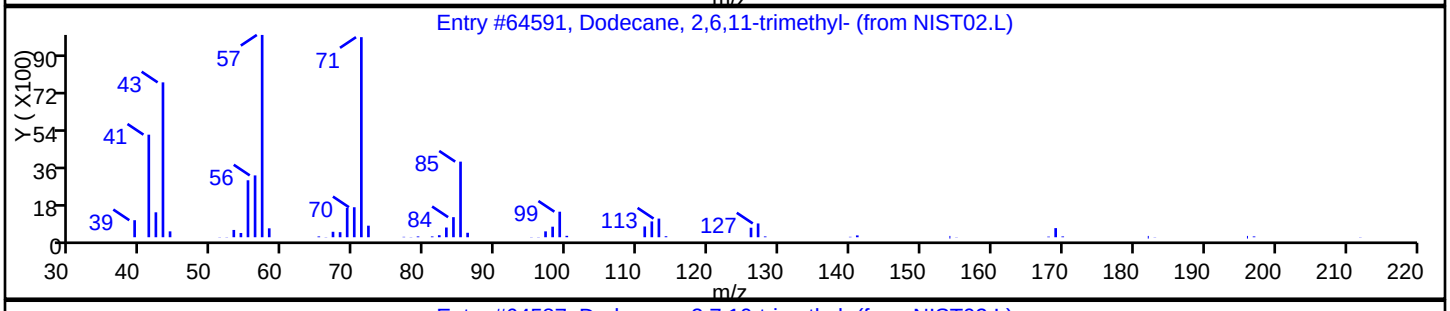
Column: Detector MS SCAN

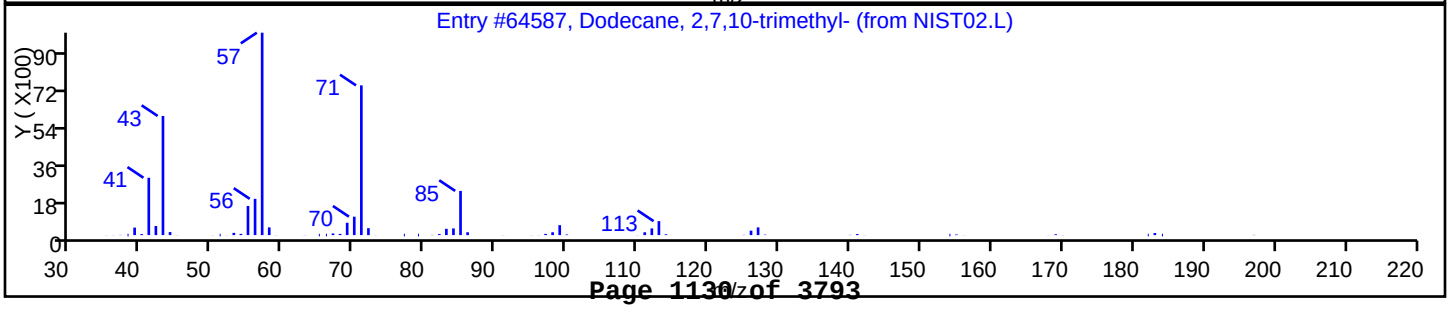
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64585	C15H32	212	86
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64591	C15H32	212	86
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	72











Report Date: 15-Mar-2014 13:09:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367303.D

Injection Date: 13-Mar-2014 15:00:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-23-A Lab Sample ID: 460-72174-23

Client ID: PMP-13SW-SI

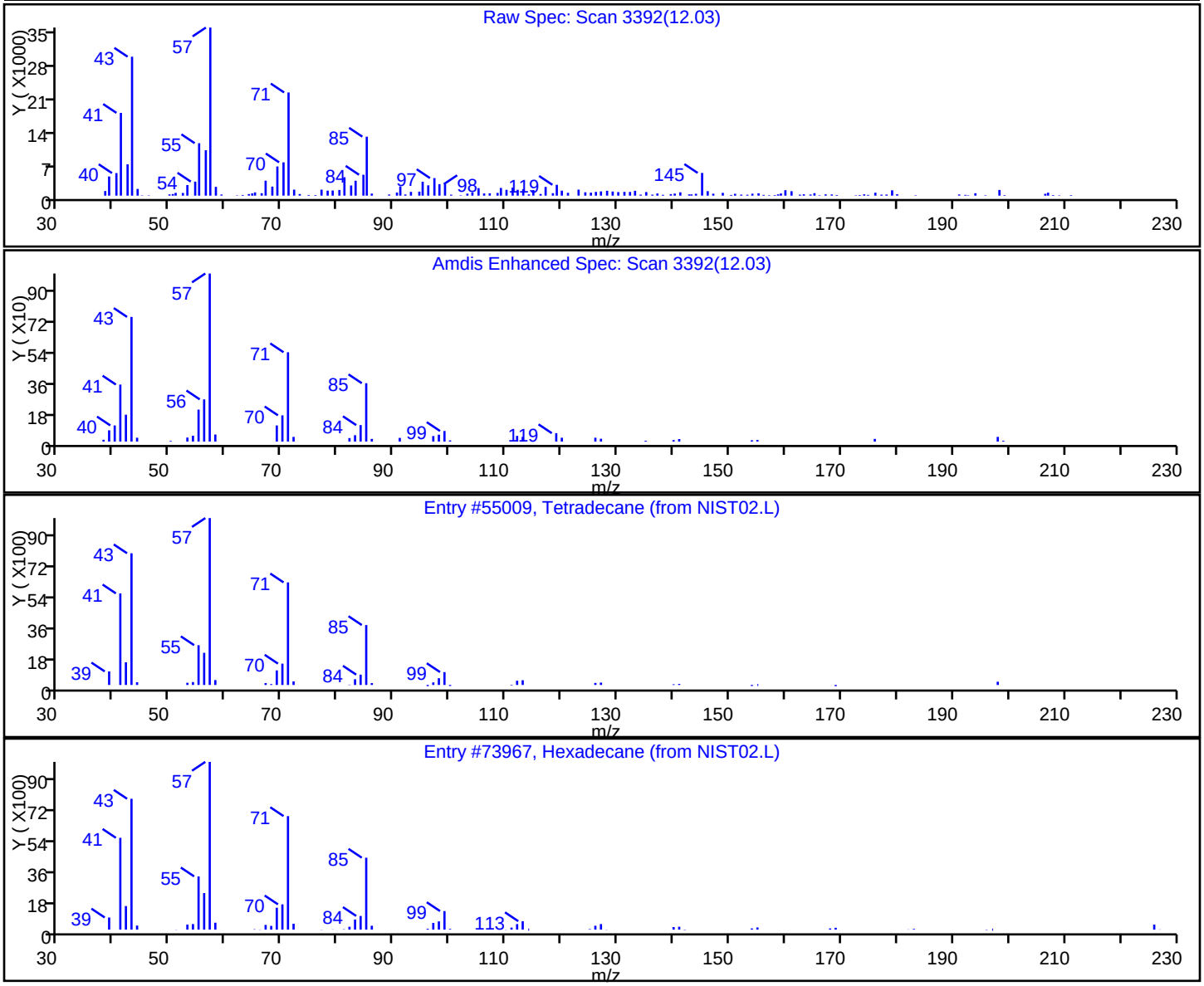
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetradecane	629-59-4	NIST02.L	55009	C14H30	198	93
Hexadecane	544-76-3	NIST02.L	73967	C16H34	226	80



Report Date: 15-Mar-2014 13:09:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367303.D

Injection Date: 13-Mar-2014 15:00:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-23-A Lab Sample ID: 460-72174-23

Client ID: PMP-13SW-SI

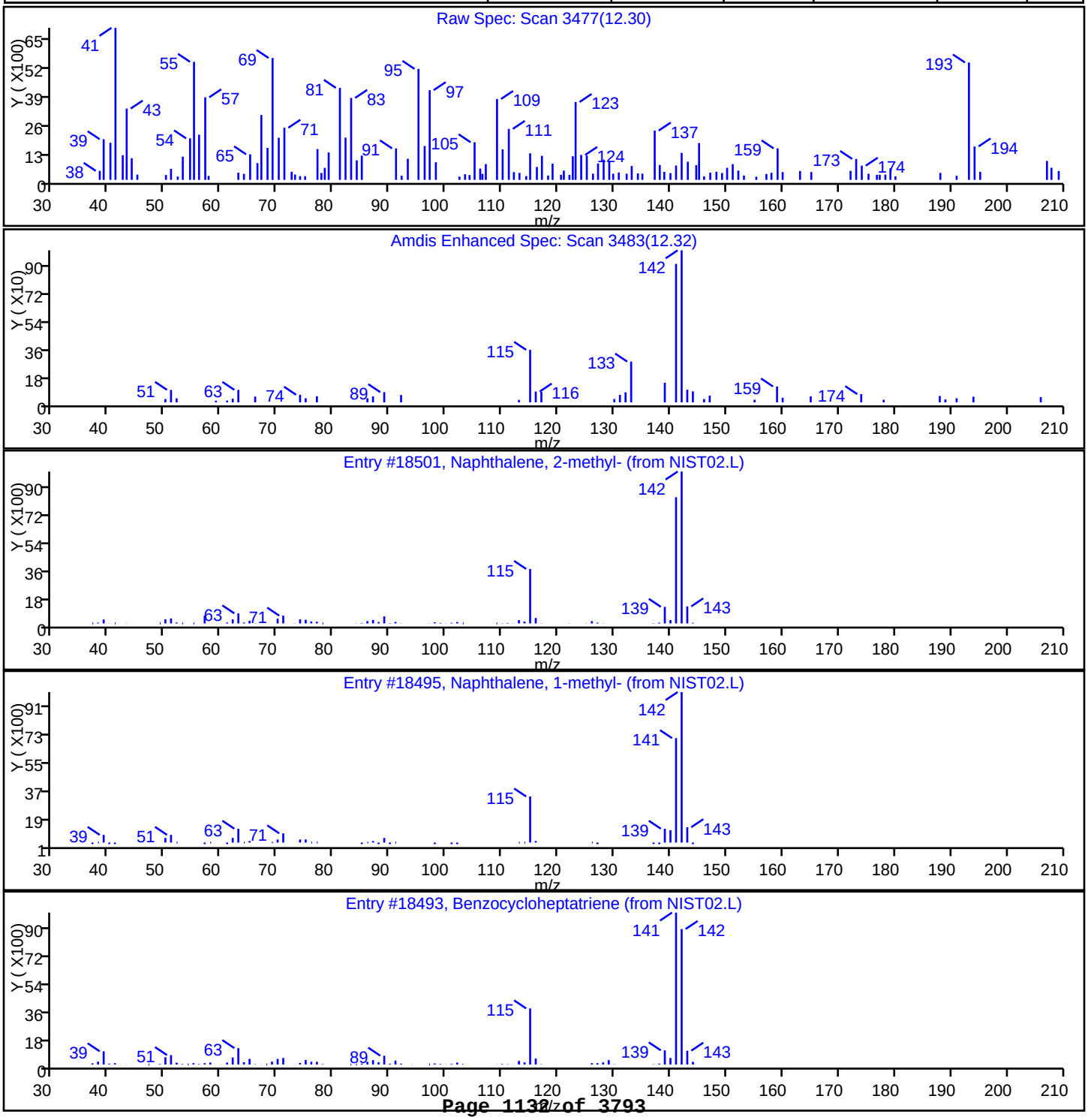
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	C11H10	142	74
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18495	C11H10	142	72
Benzocycloheptatriene	264-09-5	NIST02.L	18493	C11H10	142	72



Report Date: 15-Mar-2014 13:09:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367303.D

Injection Date: 13-Mar-2014 15:00:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-23-A Lab Sample ID: 460-72174-23

Client ID: PMP-13SW-SI

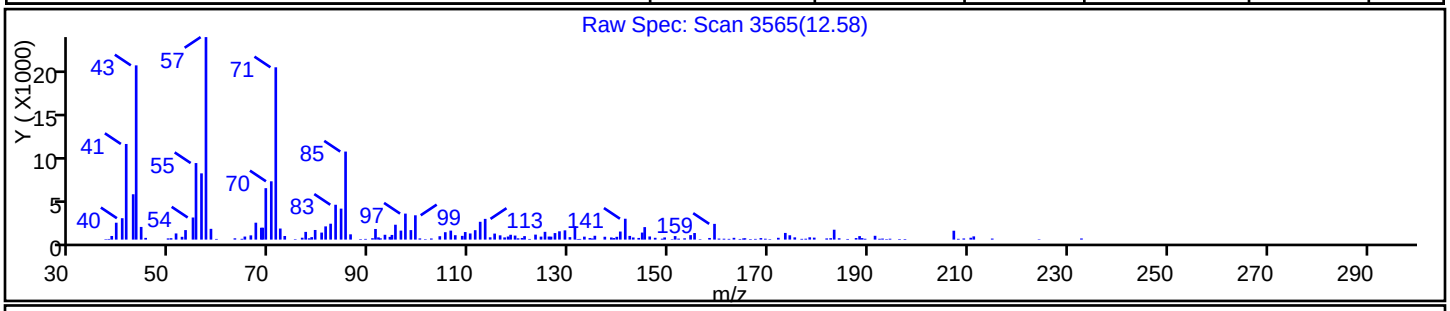
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23

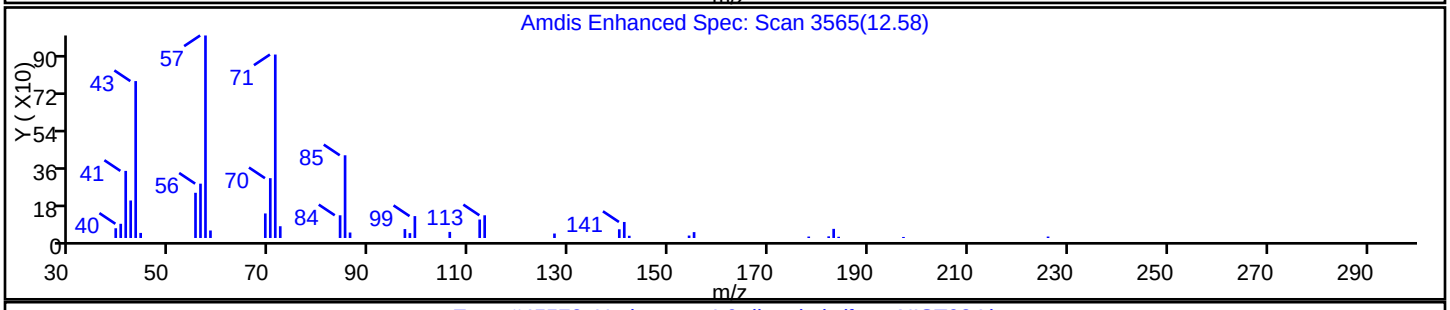
Purge Vol: 5.000 mL Dil. Factor: 1.0000

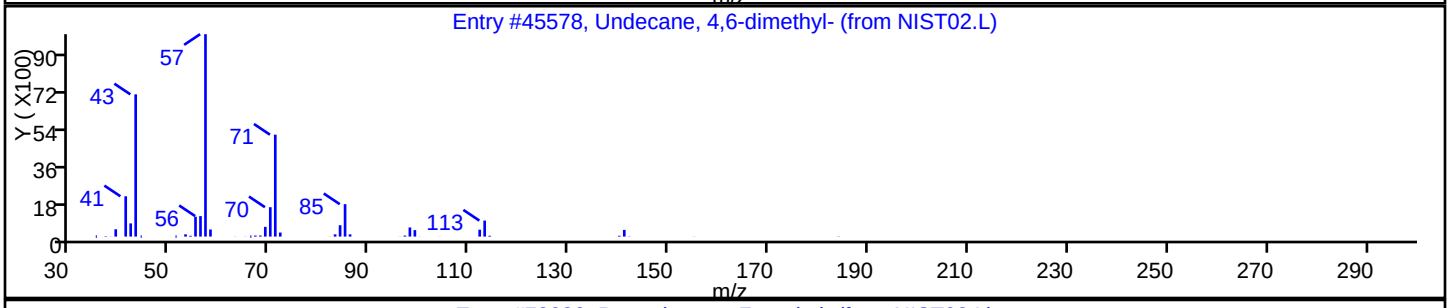
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

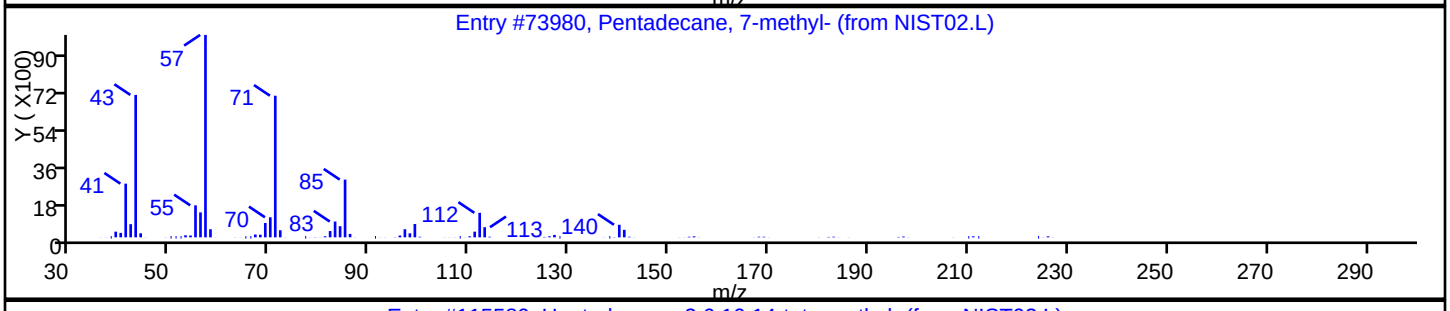
Column: Detector MS SCAN

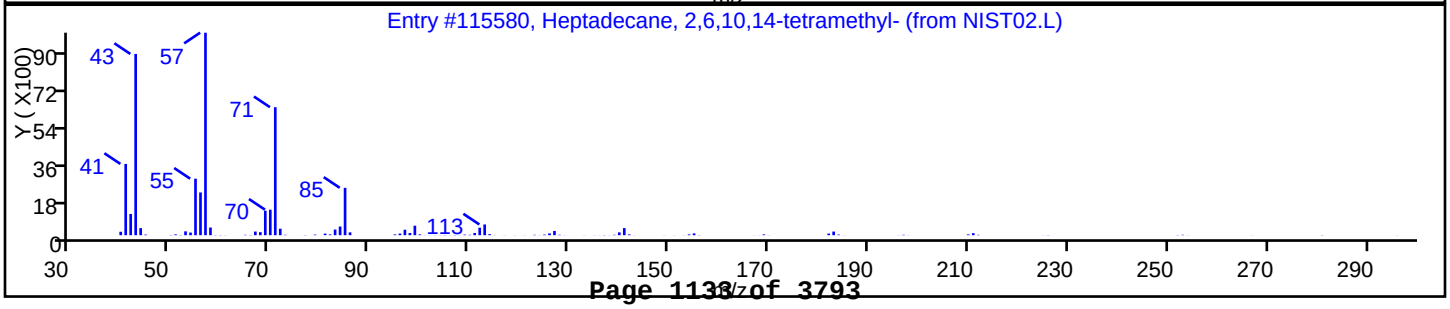
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.L	45578	C13H28	184	87
Pentadecane, 7-methyl-	6165-40-8	NIST02.L	73980	C16H34	226	81
Heptadecane, 2,6,10,14-tetramethyl-	18344-37-1	NIST02.L	115580	C21H44	296	80











Report Date: 15-Mar-2014 13:09:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367303.D

Injection Date: 13-Mar-2014 15:00:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-23-A Lab Sample ID: 460-72174-23

Client ID: PMP-13SW-SI

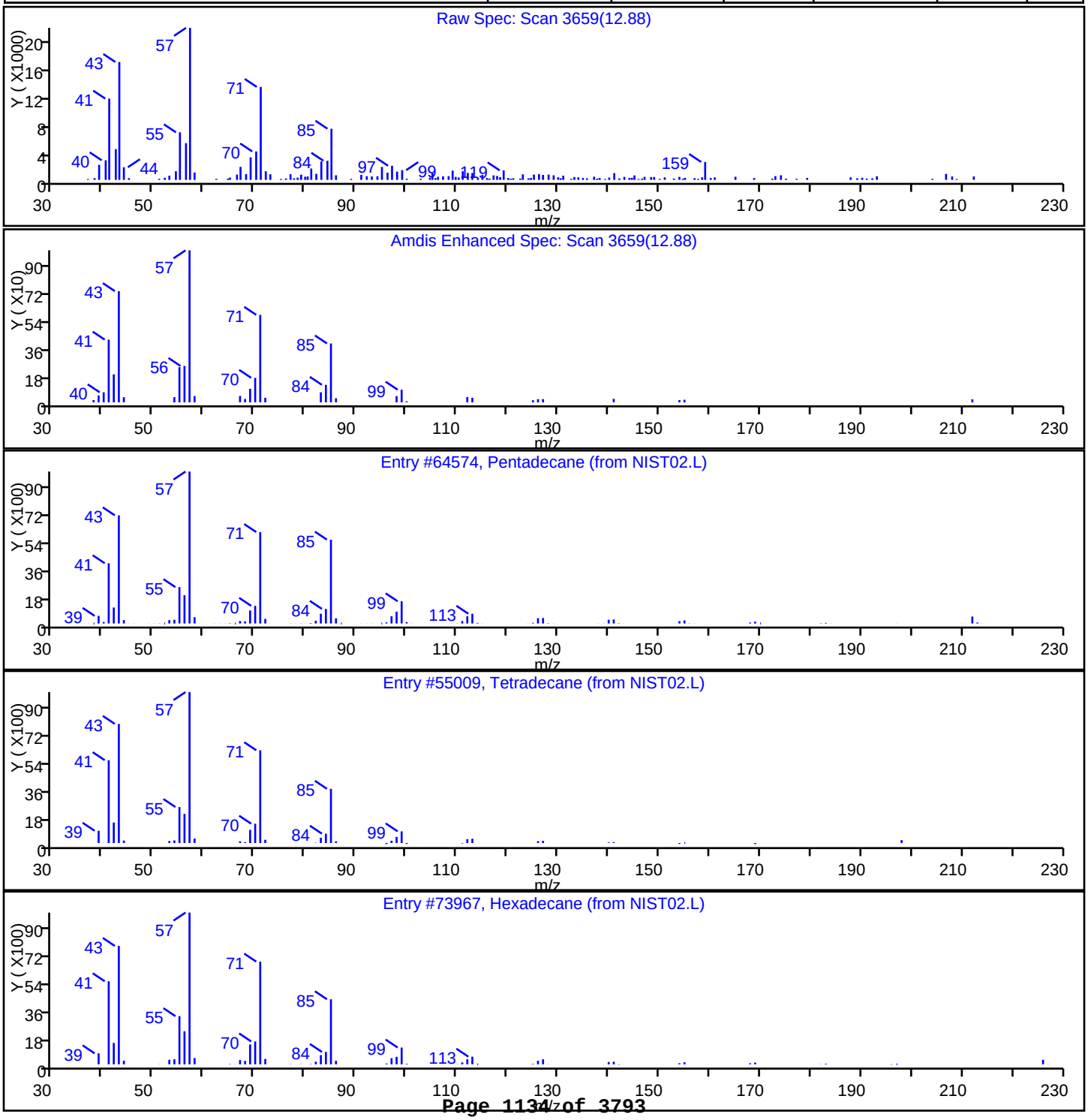
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane	629-62-9	NIST02.L	64574	C15H32	212	91
Tetradecane	629-59-4	NIST02.L	55009	C14H30	198	86
Hexadecane	544-76-3	NIST02.L	73967	C16H34	226	86



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-SD | Lab Sample ID: 460-72174-24

Matrix: Solid | Lab File ID: J10037.D

Analysis Method: 8260B | Date Collected: 03/06/2014 16:25

Sample wt/vol: 6.42(g) | Date Analyzed: 03/15/2014 09:32

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 18.6 | Level: (low/med) Medium

Analysis Batch No.: 212770 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	9.3	U	96	9.3
74-83-9	Bromomethane	17	U	96	17
75-01-4	Vinyl chloride	14	U	96	14
75-00-3	Chloroethane	16	U	96	16
75-09-2	Methylene Chloride	17	U	96	17
67-64-1	Acetone	260	U	480	260
75-15-0	Carbon disulfide	12	U	96	12
75-69-4	Trichlorofluoromethane	14	U	96	14
75-35-4	1,1-Dichloroethene	8.5	U	96	8.5
75-34-3	1,1-Dichloroethane	12	U	96	12
156-60-5	trans-1,2-Dichloroethene	12	U	96	12
156-59-2	cis-1,2-Dichloroethene	39	J	96	17
67-66-3	Chloroform	7.5	U	96	7.5
78-93-3	2-Butanone	220	U	480	220
107-06-2	1,2-Dichloroethane	18	U	96	18
71-55-6	1,1,1-Trichloroethane	5.9	U	96	5.9
56-23-5	Carbon tetrachloride	5.5	U	96	5.5
71-43-2	Benzene	7.9	U	96	7.9
75-25-2	Bromoform	18	U	96	18
100-42-5	Styrene	11	U	96	11
100-41-4	Ethylbenzene	9.2	U	96	9.2
108-90-7	Chlorobenzene	11	U	96	11
110-82-7	Cyclohexane	15	U	96	15
98-82-8	Isopropylbenzene	7.3	U	96	7.3
591-78-6	2-Hexanone	48	U *	480	48
1634-04-4	MTBE	13	U	96	13
76-13-1	Freon TF	7.8	U	96	7.8
79-20-9	Methyl acetate	32	U	480	32
123-91-1	1,4-Dioxane	3400	U	4800	3400
79-01-6	Trichloroethene	540		96	8.8
108-88-3	Toluene	14	U	96	14
10061-02-6	trans-1,3-Dichloropropene	23	U	96	23
108-10-1	4-Methyl-2-pentanone	94	U	480	94
10061-01-5	cis-1,3-Dichloropropene	18	U	96	18
95-50-1	1,2-Dichlorobenzene	20	U	96	20
541-73-1	1,3-Dichlorobenzene	13	U	96	13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-SD | Lab Sample ID: 460-72174-24

Matrix: Solid | Lab File ID: J10037.D

Analysis Method: 8260B | Date Collected: 03/06/2014 16:25

Sample wt/vol: 6.42(g) | Date Analyzed: 03/15/2014 09:32

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 18.6 | Level: (low/med) Medium

Analysis Batch No.: 212770 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	22	U	96	22
120-82-1	1,2,4-Trichlorobenzene	33	U	96	33
87-61-6	1,2,3-Trichlorobenzene	49	U	96	49
78-87-5	1,2-Dichloropropane	8.2	U	96	8.2
108-87-2	Methylcyclohexane	13	U	96	13
127-18-4	Tetrachloroethene	25	J	96	9.3
1330-20-7	Xylenes, Total	34	U	190	34
96-12-8	1,2-Dibromo-3-Chloropropane	38	U	96	38
79-34-5	1,1,2,2-Tetrachloroethane	15	U	96	15
79-00-5	1,1,2-Trichloroethane	18	U	96	18
124-48-1	Dibromochloromethane	19	U	96	19
106-93-4	1,2-Dibromoethane	26	U	96	26
75-71-8	Dichlorodifluoromethane	21	U	96	21
74-97-5	Bromochloromethane	26	U	96	26
75-27-4	Bromodichloromethane	12	U	96	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		75-135
2037-26-5	Toluene-d8 (Surr)	79		59-150
460-00-4	Bromofluorobenzene	81		72-133
1868-53-7	Dibromofluoromethane (Surr)	77		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-SD Lab Sample ID: 460-72174-24

Matrix: Solid Lab File ID: J10037.D

Analysis Method: 8260B Date Collected: 03/06/2014 16:25

Sample wt/vol: 6.42(g) Date Analyzed: 03/15/2014 09:32

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 18.6 Level: (low/med) Medium

Analysis Batch No.: 212770 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Report Date: 15-Mar-2014 17:38:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10892.b\J10037.D
Lims ID: 460-72174-A-24-A Lab Sample ID: 460-72174-24
Client ID: PMP-13SW-SD
Sample Type: Client
Inject. Date: 15-Mar-2014 09:32:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-72174-A-24-A
Misc. Info.: 460-0010892-023
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140314-10892.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 17:26:49 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: baronm Date: 15-Mar-2014 17:38:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	3.197	3.180	0.017	69	491599	1000.0	
42 cis-1,2-Dichloroethene	96	4.284	4.290	-0.006	67	1607	0.4032	
$ 152 Dibromofluoromethane (Surr)	113	4.730	4.725	0.005	95	161620	38.5	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.083	5.083	0.0	96	234959	41.0	
* 59 Fluorobenzene	96	5.353	5.354	-0.001	97	762910	50.0	
61 Trichloroethene	95	5.711	5.706	0.005	91	20736	5.69	
* 150 1,4-Dioxane-d8	96	6.064	6.053	0.011	77	59086	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.028	7.028	0.0	99	627582	39.4	
80 Tetrachloroethene	166	7.709	7.716	-0.007	11	900	0.2641	
* 87 Chlorobenzene-d5	117	8.820	8.820	0.0	88	648419	50.0	
$ 99 4-Bromofluorobenzene	174	10.083	10.084	-0.001	90	224511	40.4	
* 116 1,4-Dichlorobenzene-d4	152	10.958	10.959	-0.001	96	391957	50.0	

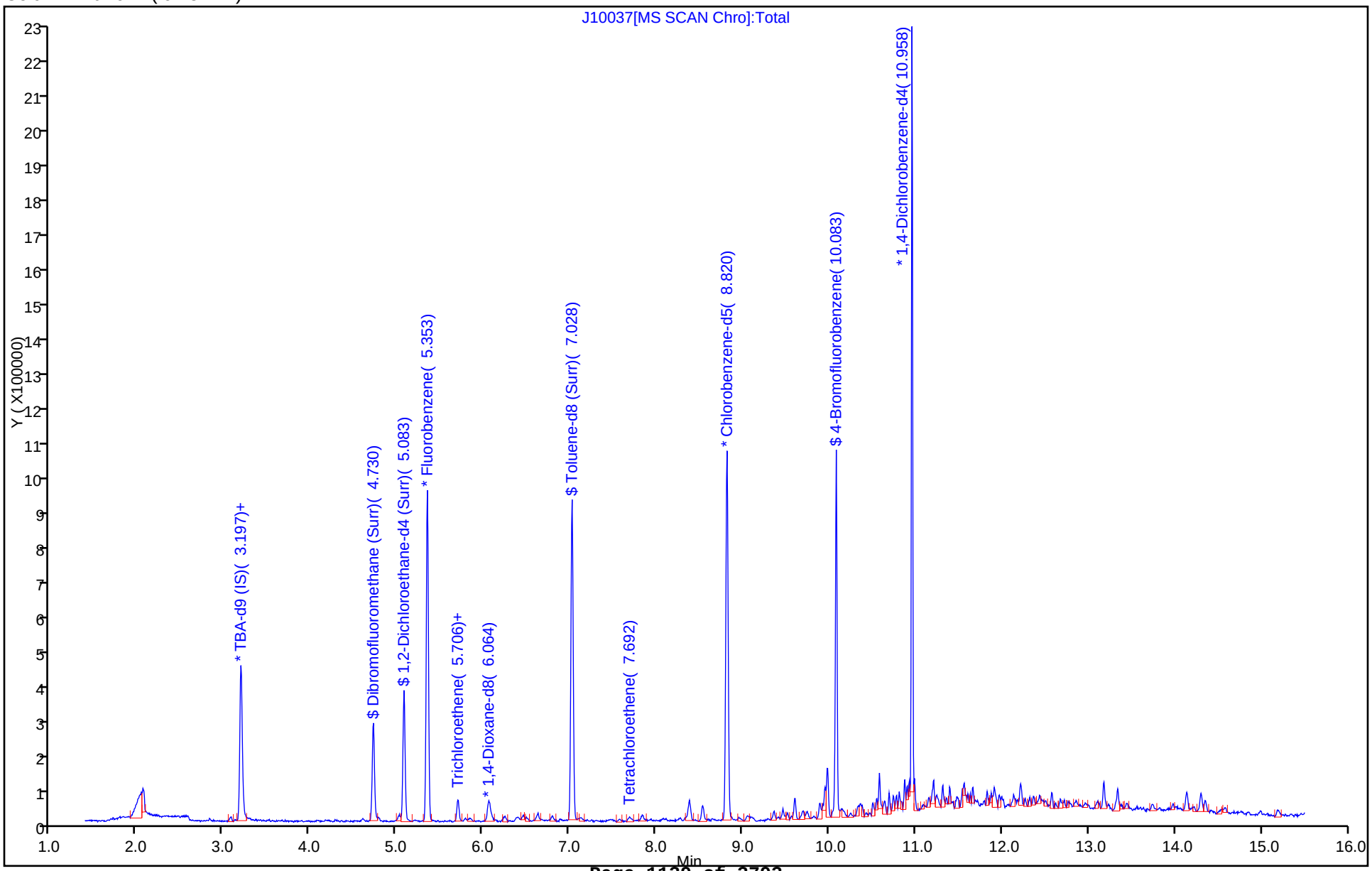
Report Date: 15-Mar-2014 17:38:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10892.b\J10037.D

Injection Date:	15-Mar-2014 09:32:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-72174-A-24-A	Lab Sample ID:	460-72174-24	Worklist Smp#:	23
Client ID:	PMP-13SW-SD				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	22
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



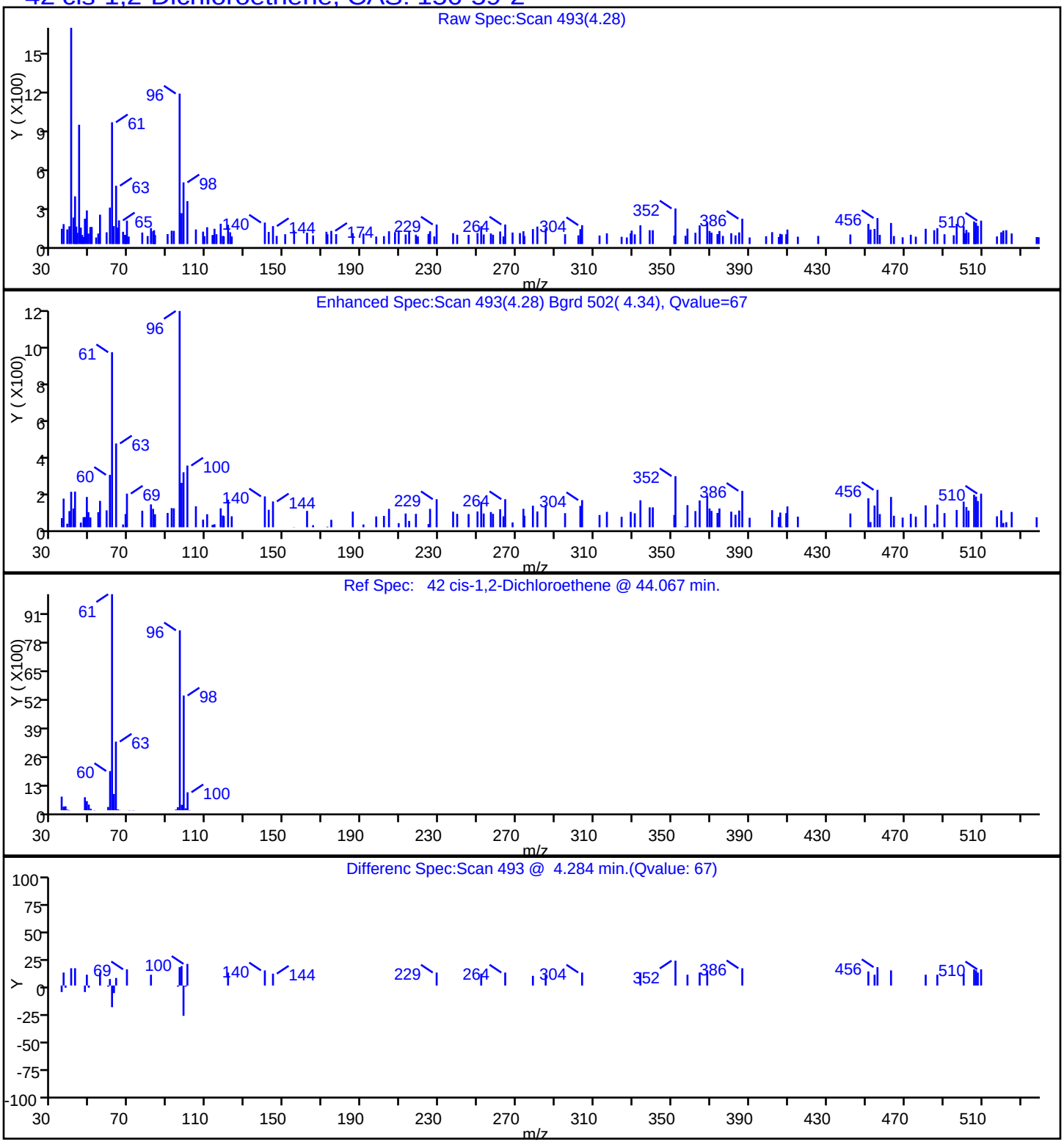
Report Date: 15-Mar-2014 17:38:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10892.b\J10037.D

Injection Date:	15-Mar-2014 09:32:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-24-A	Lab Sample ID:	460-72174-24		
Client ID:	PMP-13SW-SD				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

42 cis-1,2-Dichloroethene, CAS: 156-59-2



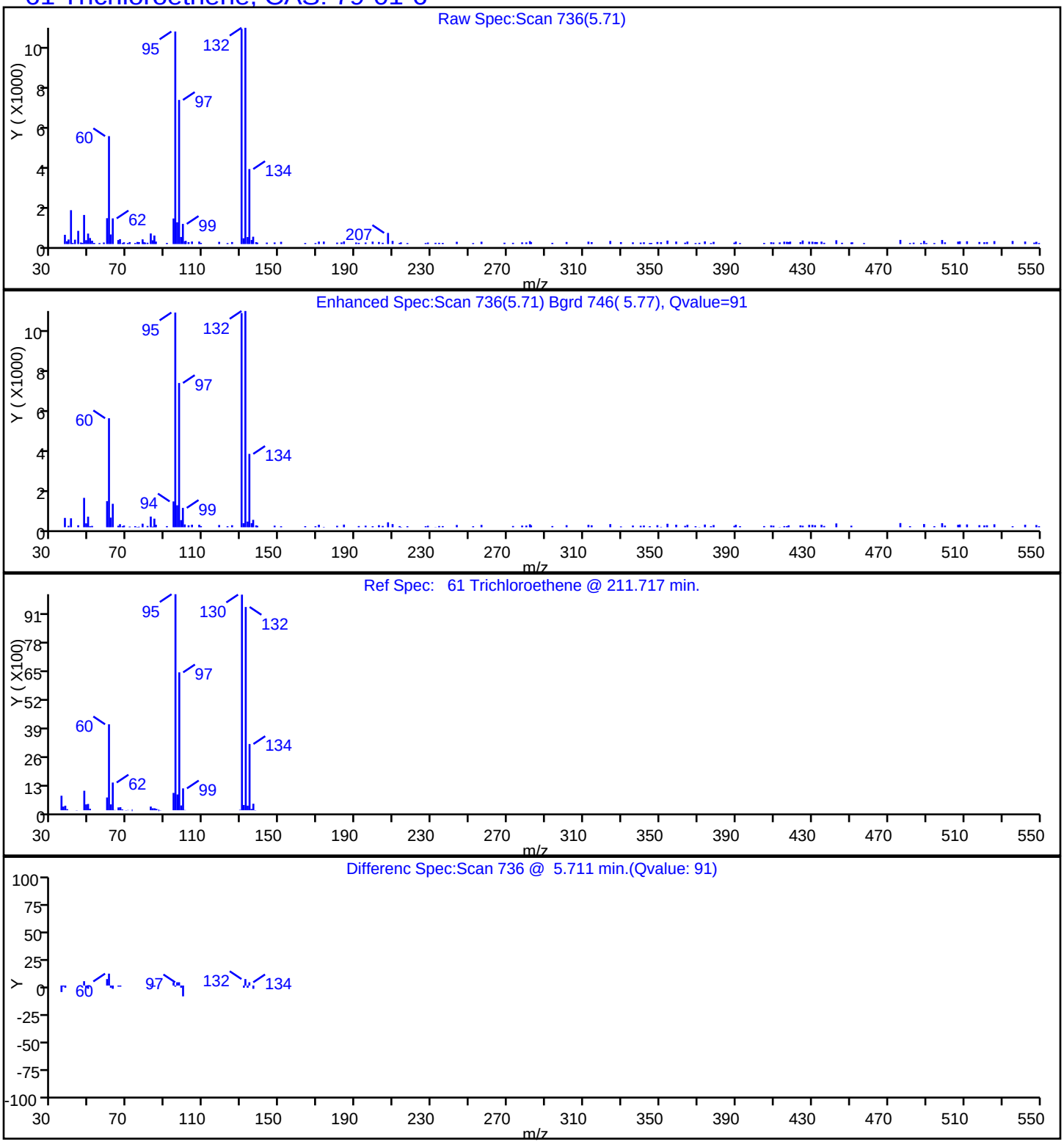
Report Date: 15-Mar-2014 17:38:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10892.b\J10037.D

Injection Date:	15-Mar-2014 09:32:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-24-A	Lab Sample ID:	460-72174-24		
Client ID:	PMP-13SW-SD				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

61 Trichloroethene, CAS: 79-01-6



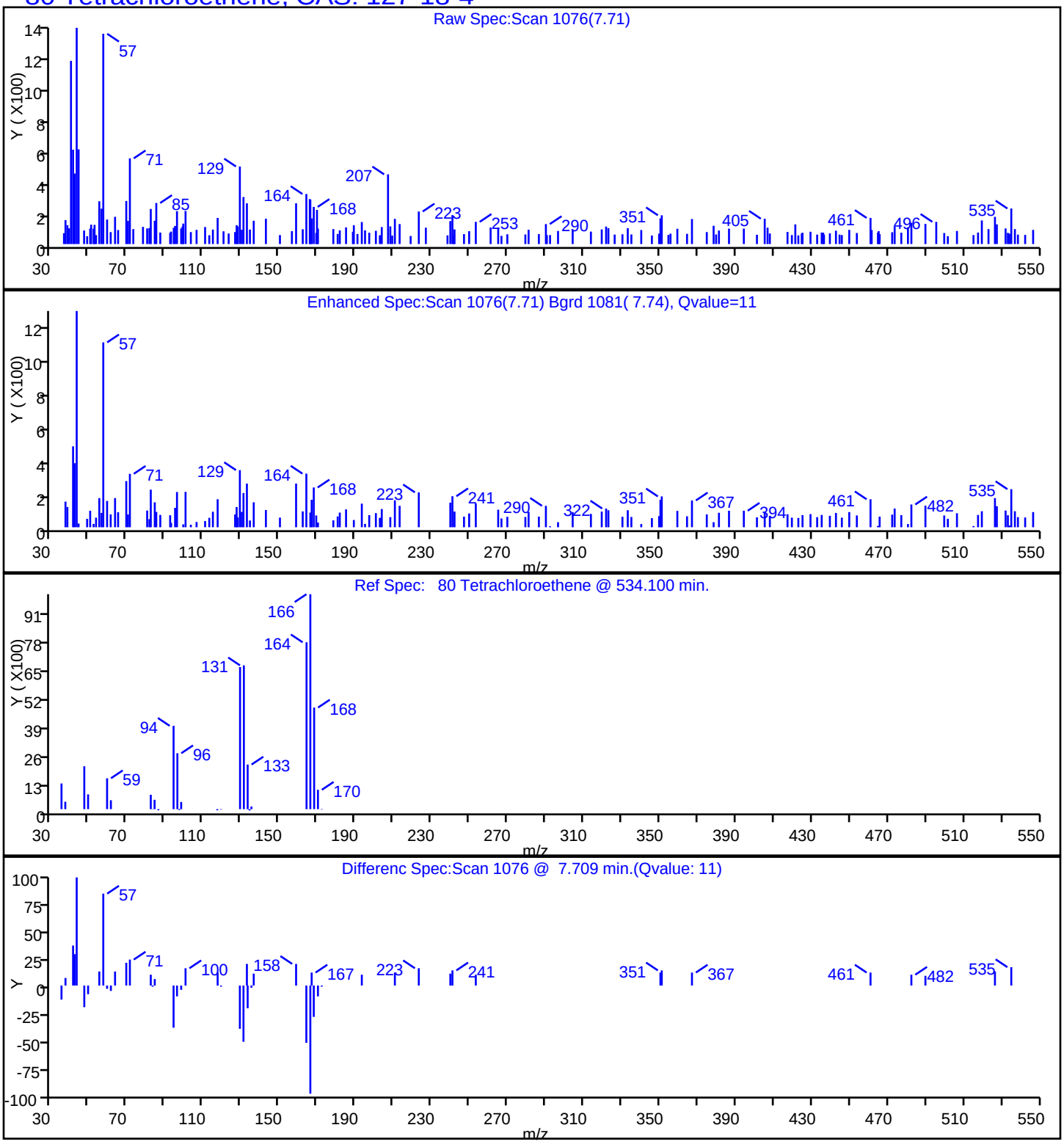
Report Date: 15-Mar-2014 17:38:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10892.b\J10037.D

Injection Date:	15-Mar-2014 09:32:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-24-A	Lab Sample ID:	460-72174-24		
Client ID:	PMP-13SW-SD				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

80 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-VD | Lab Sample ID: 460-72174-25

Matrix: Solid | Lab File ID: D367304.D

Analysis Method: 8260B | Date Collected: 03/06/2014 16:45

Sample wt/vol: 5.125(g) | Date Analyzed: 03/13/2014 15:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.1 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.44	U	1.0	0.44
75-01-4	Vinyl chloride	0.35	U	1.0	0.35
75-00-3	Chloroethane	0.34	U	1.0	0.34
75-09-2	Methylene Chloride	0.15	U	1.0	0.15
67-64-1	Acetone	1.7	U	5.1	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.25	U	1.0	0.25
78-93-3	2-Butanone	0.65	U	5.1	0.65
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.29	U	1.0	0.29
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.19	U	1.0	0.19
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	5.1	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.33	U	5.1	0.33
123-91-1	1,4-Dioxane	13	U	21	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.21	U	5.1	0.21
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-VD | Lab Sample ID: 460-72174-25

Matrix: Solid | Lab File ID: D367304.D

Analysis Method: 8260B | Date Collected: 03/06/2014 16:45

Sample wt/vol: 5.125(g) | Date Analyzed: 03/13/2014 15:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.1 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.56	J	1.0	0.20
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.69	U	2.1	0.69
96-12-8	1,2-Dibromo-3-Chloropropane	0.45	U	1.0	0.45
79-34-5	1,1,2,2-Tetrachloroethane	0.093	U	1.0	0.093
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.23	U	1.0	0.23
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.33	U	1.0	0.33

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	Bromofluorobenzene	102		70-130
1868-53-7	Dibromofluoromethane (Surr)	92		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-VD | Lab Sample ID: 460-72174-25

Matrix: Solid | Lab File ID: D367304.D

Analysis Method: 8260B | Date Collected: 03/06/2014 16:45

Sample wt/vol: 5.125(g) | Date Analyzed: 03/13/2014 15:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.1 | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 191

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	11.43	13	J
	Unknown	11.71	11	J
	Unknown	12.24	13	J
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	12.29	17	J N
	Unknown	12.65	12	J
475-20-7	1,4-Methanoazulene, decahydro-4,8,8-trim	12.72	48	J N
	Unknown	12.81	12	J
	Unknown	13.03	12	J
1743-61-9	Cyclohexene, 4-ethenyl-1,4-dimethyl-	13.16	26	J N
	Unknown	13.26	27	J

Report Date: 15-Mar-2014 13:30:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367304.D
Lims ID: 460-72174-B-25-A Lab Sample ID: 460-72174-25
Client ID: PMP-28SW-VD
Sample Type: Client
Inject. Date: 13-Mar-2014 15:23:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-25-A
Misc. Info.: 460-0010815-024
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 13:27:34 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: starzecm Date: 13-Mar-2014 19:29:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.635	2.628	0.007	67	144622	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.699	3.702	-0.003	90	92990	46.0	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.149	4.152	-0.003	93	85508	48.5	
* 59 Fluorobenzene	96	4.413	4.409	0.004	88	460200	50.0	
* 150 1,4-Dioxane-d8	96	5.371	5.377	-0.006	1	8370	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.078	6.072	0.006	90	438964	46.7	
* 87 Chlorobenzene-d5	117	7.776	7.776	0.0	87	271969	50.0	
$ 99 4-Bromofluorobenzene	174	8.856	8.853	0.003	74	93416	51.1	
* 116 1,4-Dichlorobenzene-d4	152	9.721	9.721	0.0	88	124496	50.0	
124 1,2,4-Trichlorobenzene	180	11.091	11.091	0.0	38	1930	0.5398	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367304.D				
Lims ID:	460-72174-B-25-A	Lab Sample ID:	460-72174-25		
Client ID:	PMP-28SW-VD				
Sample Type:	Client				
Inject. Date:	13-Mar-2014 15:23:30	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-72174-B-25-A				
Misc. Info.:	460-0010815-024				
Operator ID:		Instrument ID:	CVOAMS4		
Method:	\\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\8260S_4.m				
Limit Group:	VOA - 8260B Water and Solid				
Last Update:	15-Mar-2014 13:27:34	Calib Date:	12-Mar-2014 20:41:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L				
Min. Match:	40				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK012				
First Level Reviewer: starzecm		Date:	13-Mar-2014 19:29:00		

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	Unknown							
11.432	190324	12.3	116	0	0		0	
	Unknown							
11.705	171827	11.1	116	0	0		0	
	Unknown							
12.239	194601	12.6	116	0	0		0	
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal							
12.290	250982	16.2	116	92	61716	C15H28	208	
	Unknown							
12.647	179349	11.6	116					
475-20-7	1,4-Methanoazulene, decahydro-4,8,8-trim							
12.718	718801	46.4	116	78	58866	C15H24	204	
	Unknown							
12.814	181704	11.7	116	0	0		0	
	Unknown							
13.027	176725	11.4	116	0	0		0	
1743-61-9	Cyclohexene, 4-ethenyl-1,4-dimethyl-							
13.162	391323	25.3	116	89	15252	C10H16	136	
	Unknown							
13.255	410920	26.5	116	0	0		0	

Report Date: 15-Mar-2014 13:30:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367304.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	9.721	774503	50.0

QC Flag Legend

Processing Flags

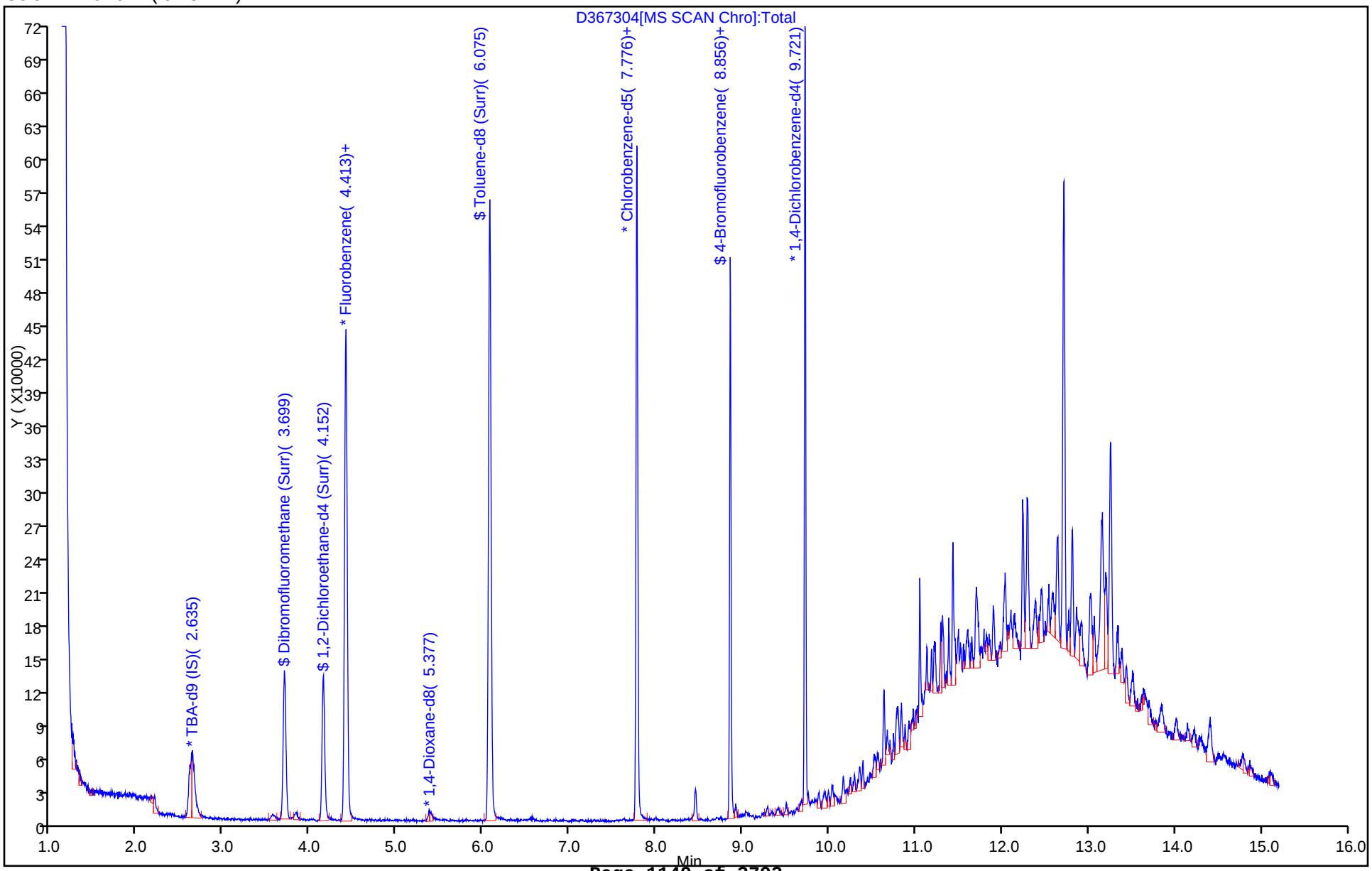
Report Date: 15-Mar-2014 13:30:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367304.D

Injection Date:	13-Mar-2014 15:23:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-B-25-A	Lab Sample ID:	460-72174-25	Worklist Smp#:	24
Client ID:	PMP-28SW-VD				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)

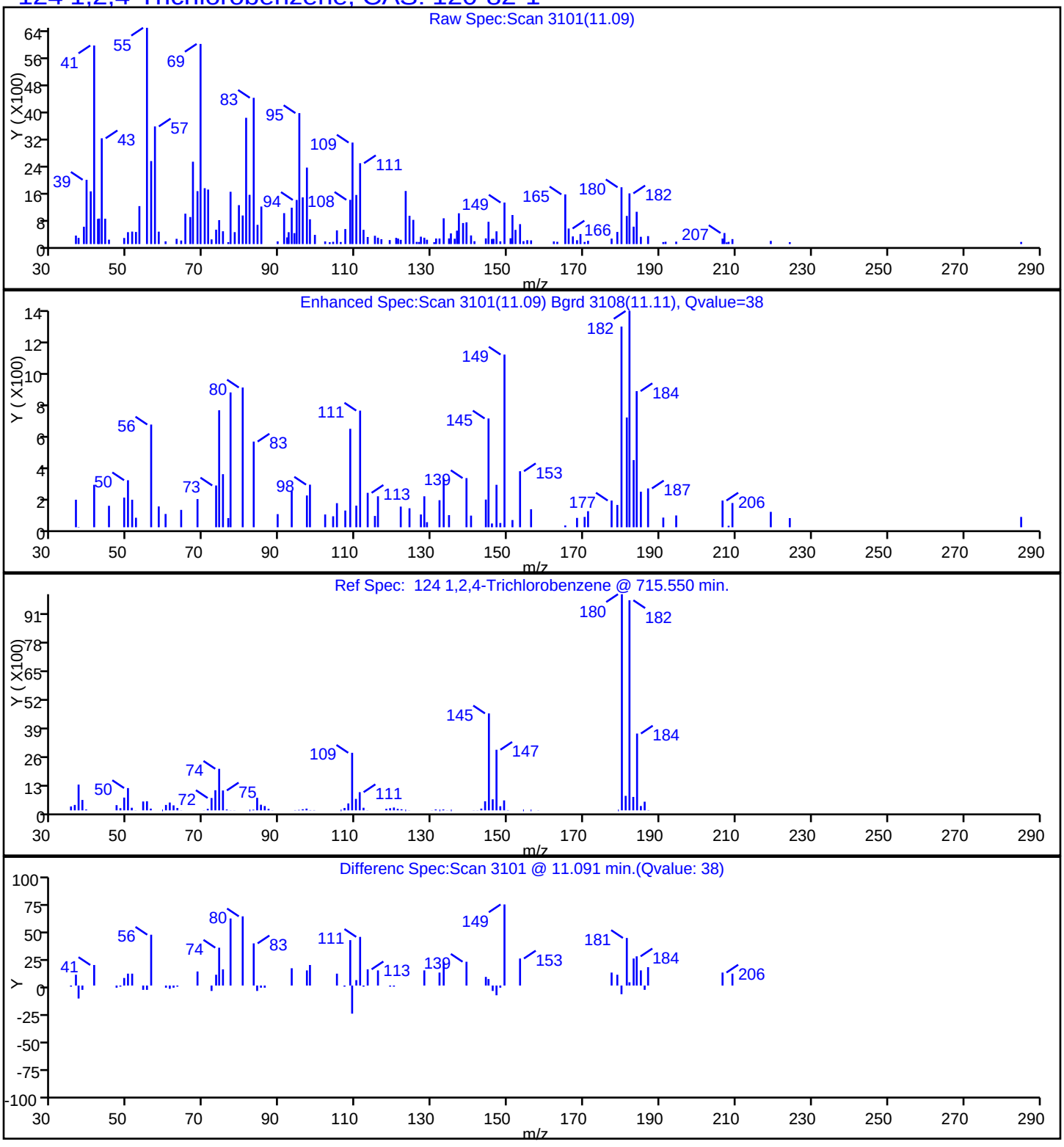


Report Date: 15-Mar-2014 13:30:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367304.D				
Injection Date:	13-Mar-2014 15:23:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-25-A	Lab Sample ID:	460-72174-25		
Client ID:	PMP-28SW-VD				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



Report Date: 15-Mar-2014 13:30:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367304.D

Injection Date: 13-Mar-2014 15:23:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-25-A Lab Sample ID: 460-72174-25

Client ID: PMP-28SW-VD

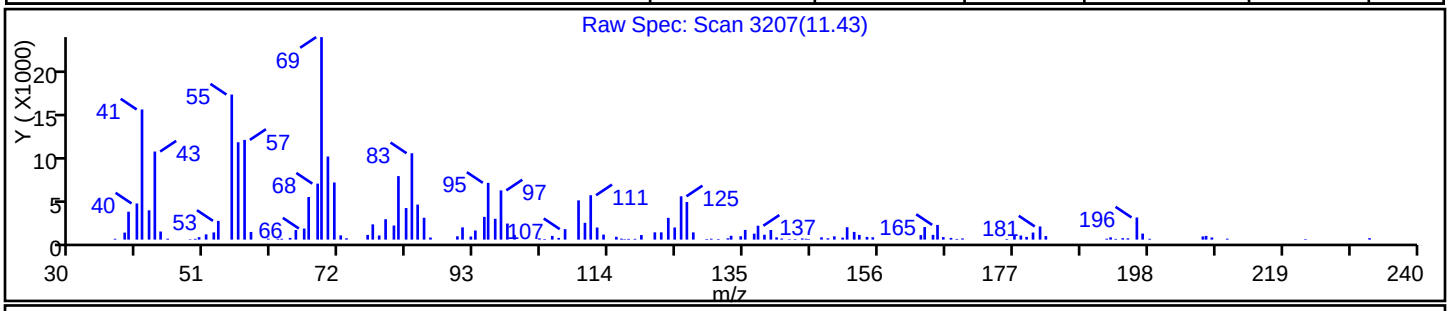
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

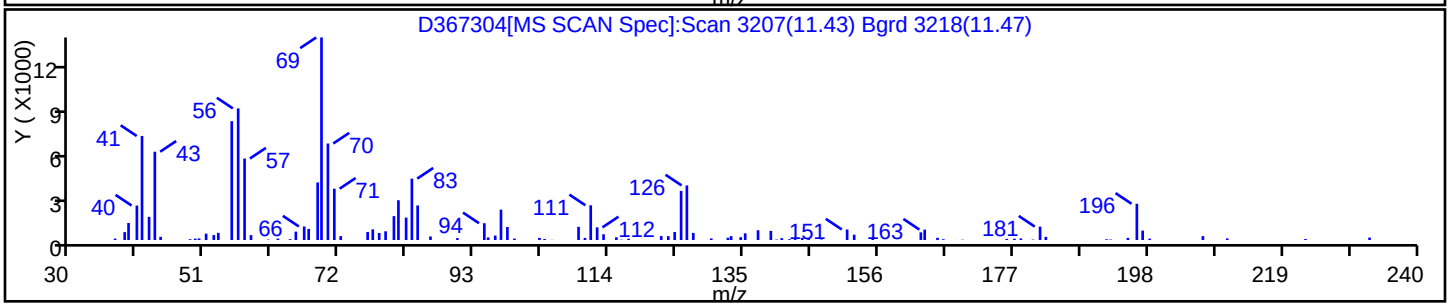
Purge Vol: 5.000 mL Dil. Factor: 1.0000

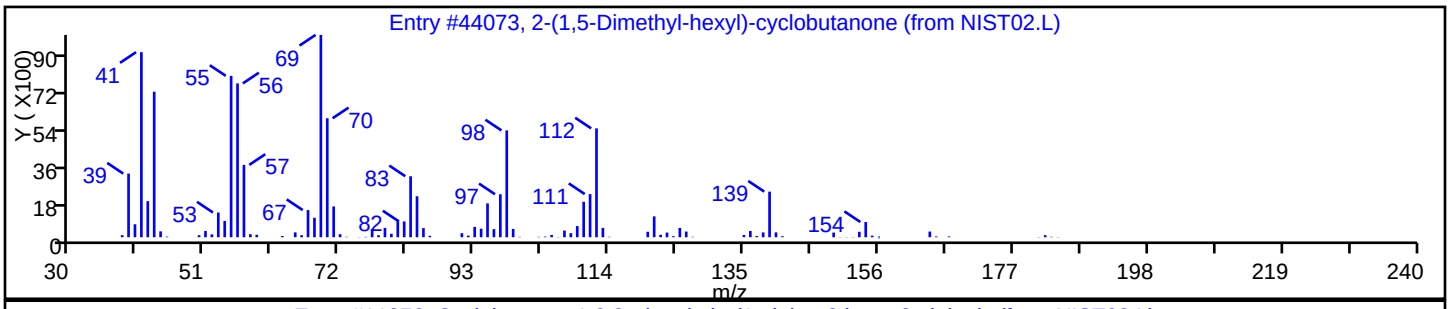
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

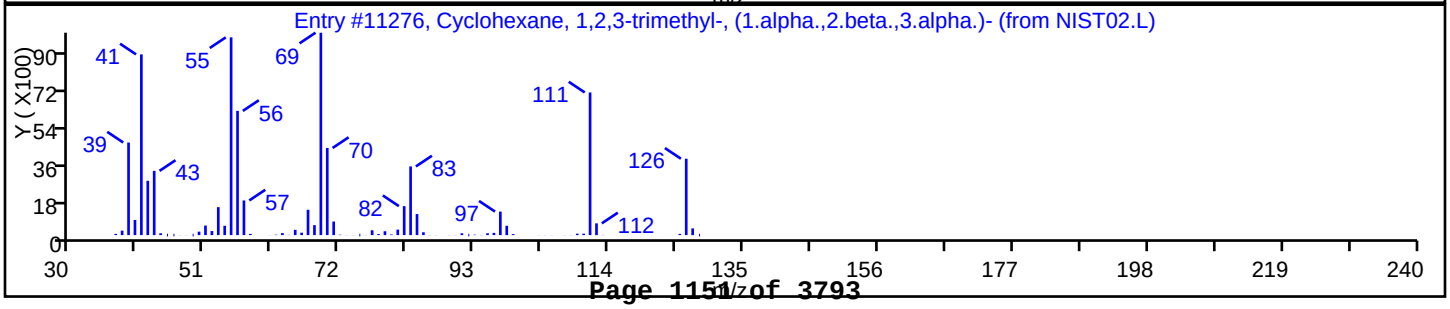
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown		NIST02.L	0		0	0
2-(1,5-Dimethyl-hexyl)-cyclobutanone	1000187-17-	NIST02.L	44073	C12H22O	182	81
Cyclohexane, 1,2,3-trimethyl-, (1.alpha.	1678-81-5	NIST02.L	11276	C9H18	126	68









Report Date: 15-Mar-2014 13:30:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367304.D

Injection Date: 13-Mar-2014 15:23:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-25-A Lab Sample ID: 460-72174-25

Client ID: PMP-28SW-VD

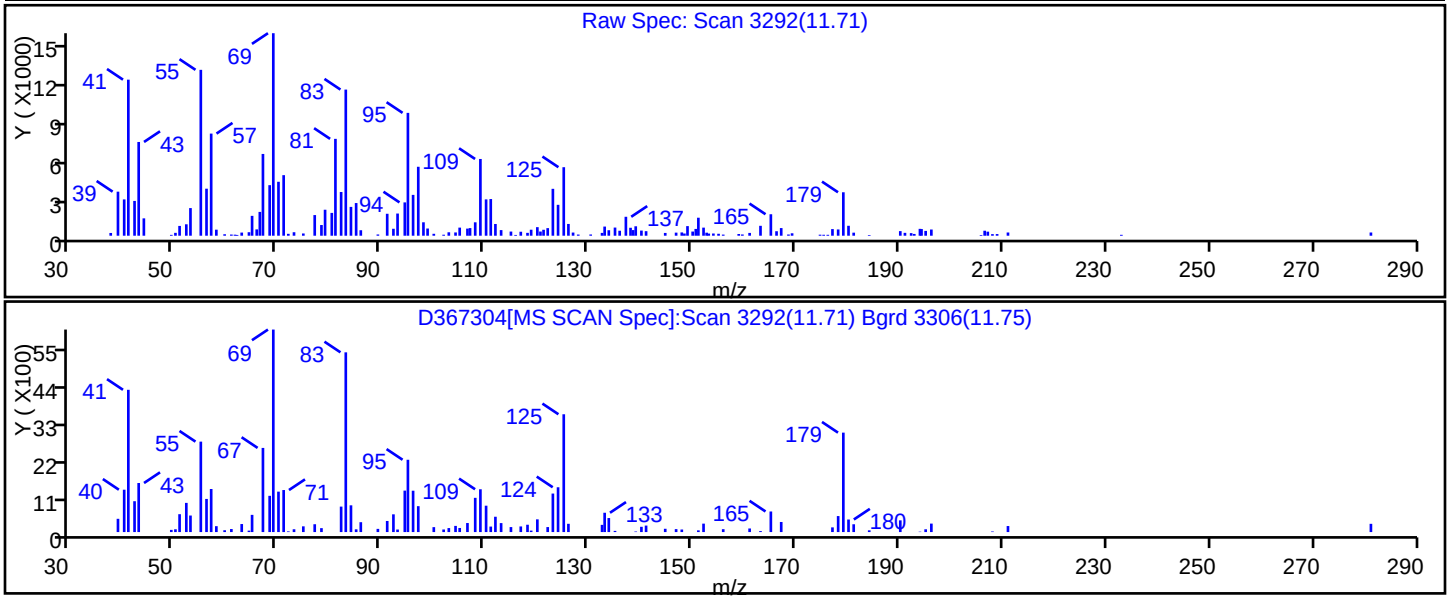
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

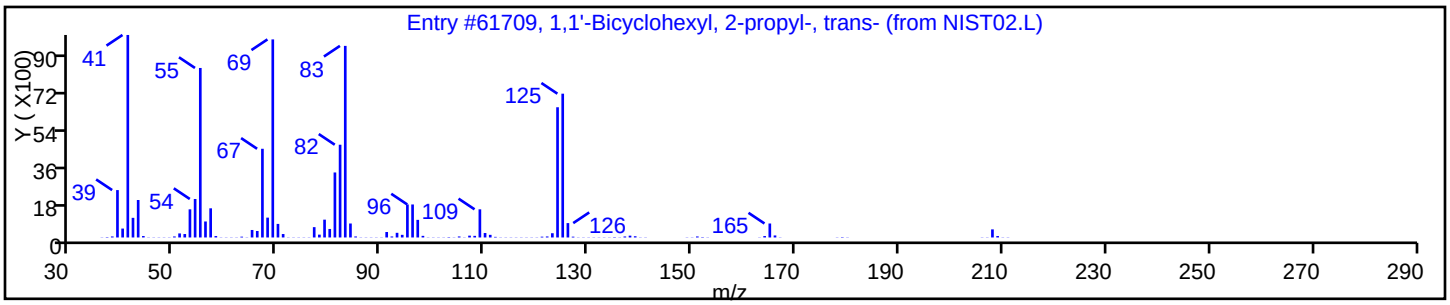
Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown		NIST02.L	0		0	0
1,1'-Bicyclohexyl, 2-propyl-, trans-	54934-89-3	NIST02.L	61709	C15H28	208	42





Report Date: 15-Mar-2014 13:30:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367304.D

Injection Date: 13-Mar-2014 15:23:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-25-A Lab Sample ID: 460-72174-25

Client ID: PMP-28SW-VD

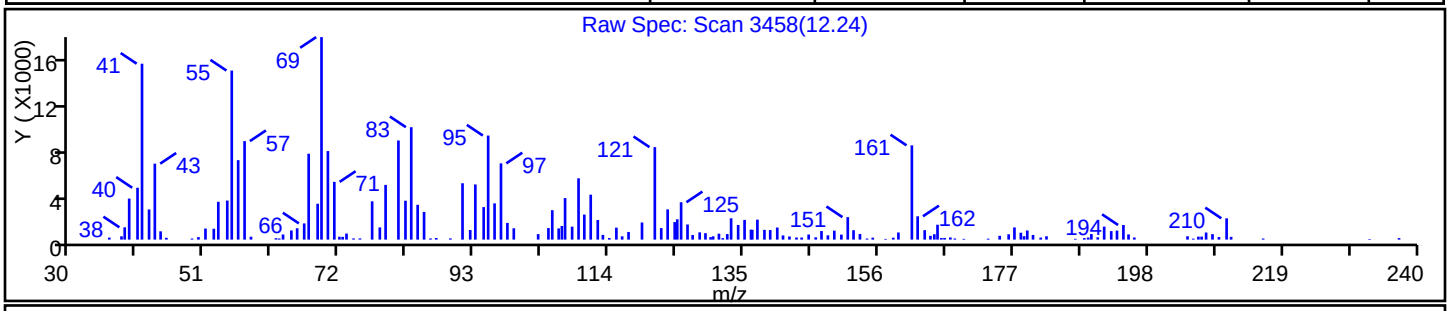
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

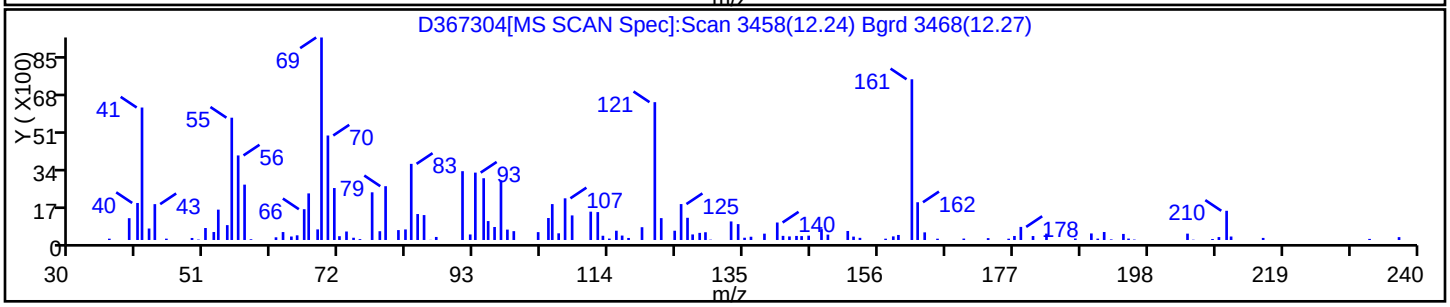
Purge Vol: 5.000 mL Dil. Factor: 1.0000

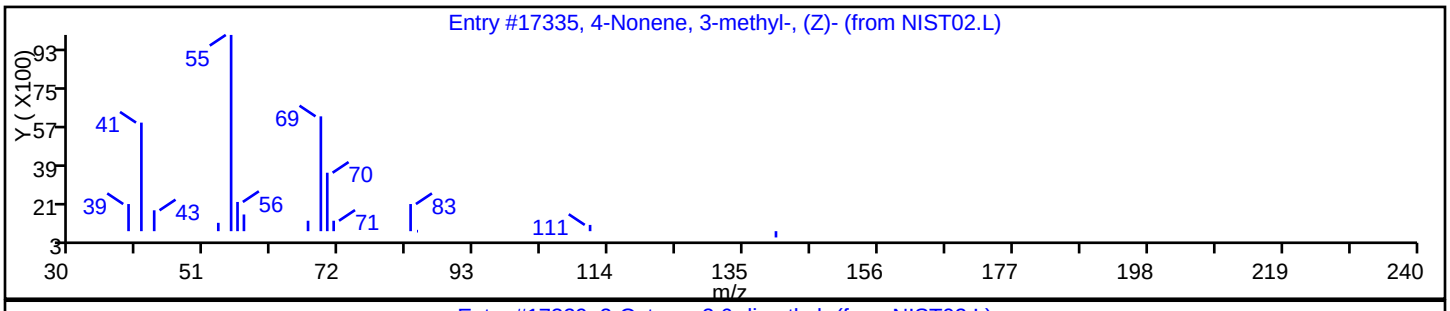
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

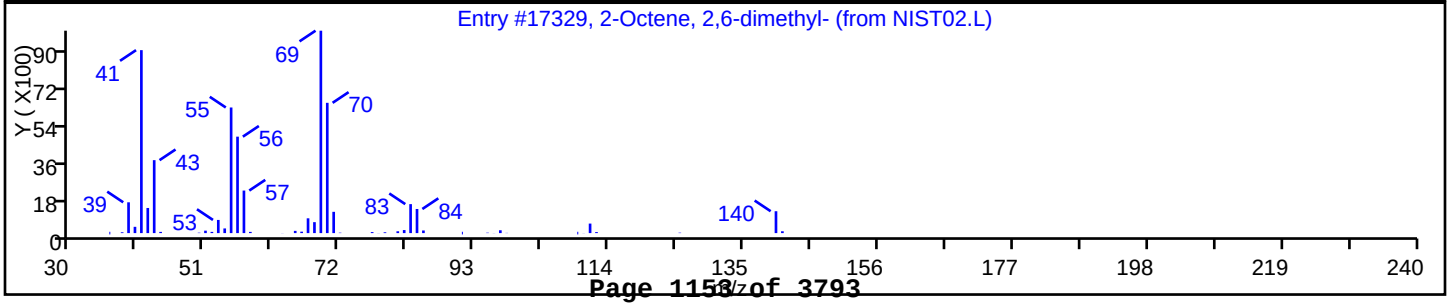
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown		NIST02.L	0		0	0
4-Nonene, 3-methyl-, (Z)-	63830-69-3	NIST02.L	17335	C10H20	140	46
2-Octene, 2,6-dimethyl-	4057-42-5	NIST02.L	17329	C10H20	140	45









Report Date: 15-Mar-2014 13:30:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367304.D

Injection Date: 13-Mar-2014 15:23:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-25-A Lab Sample ID: 460-72174-25

Client ID: PMP-28SW-VD

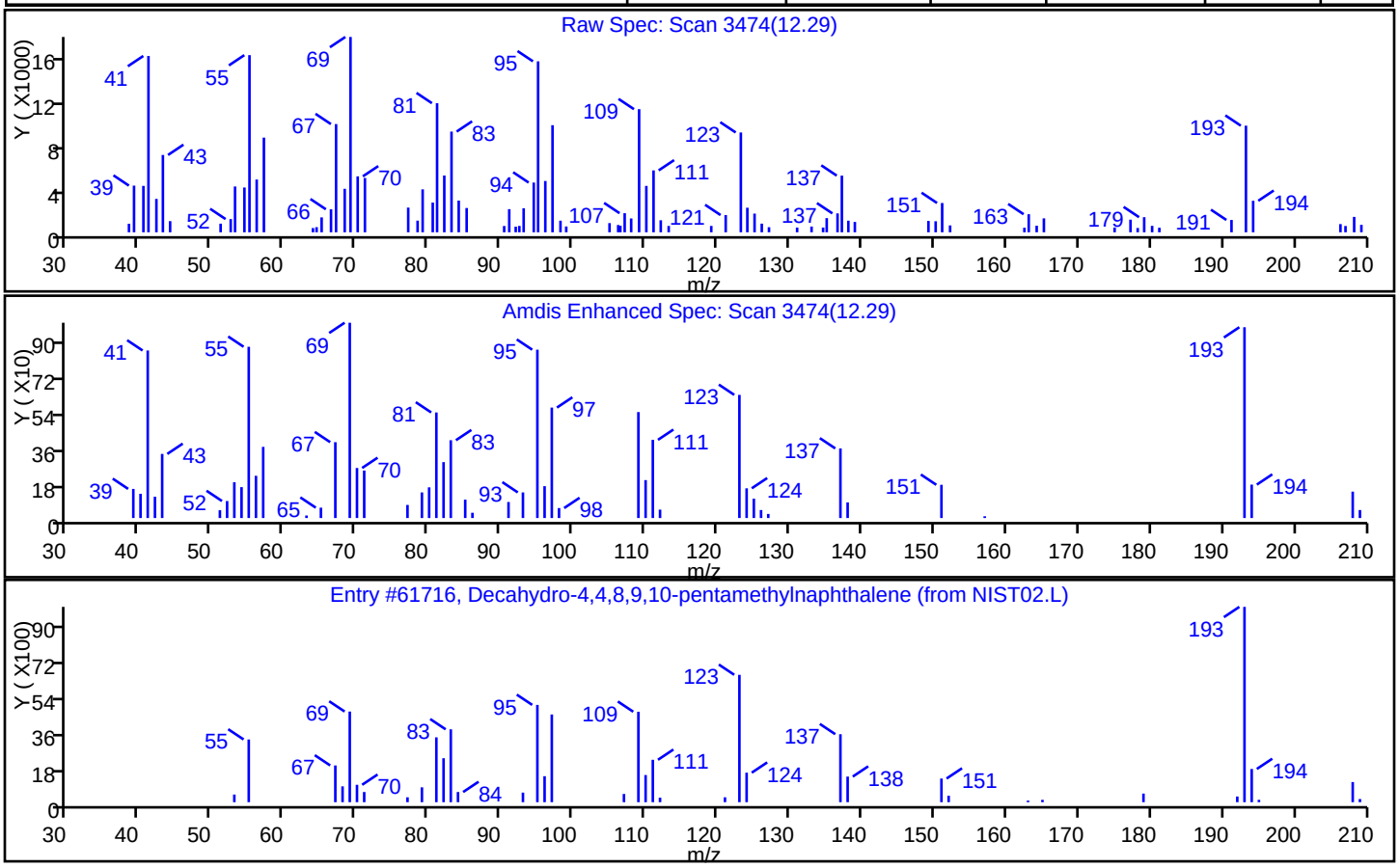
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	C15H28	208	92



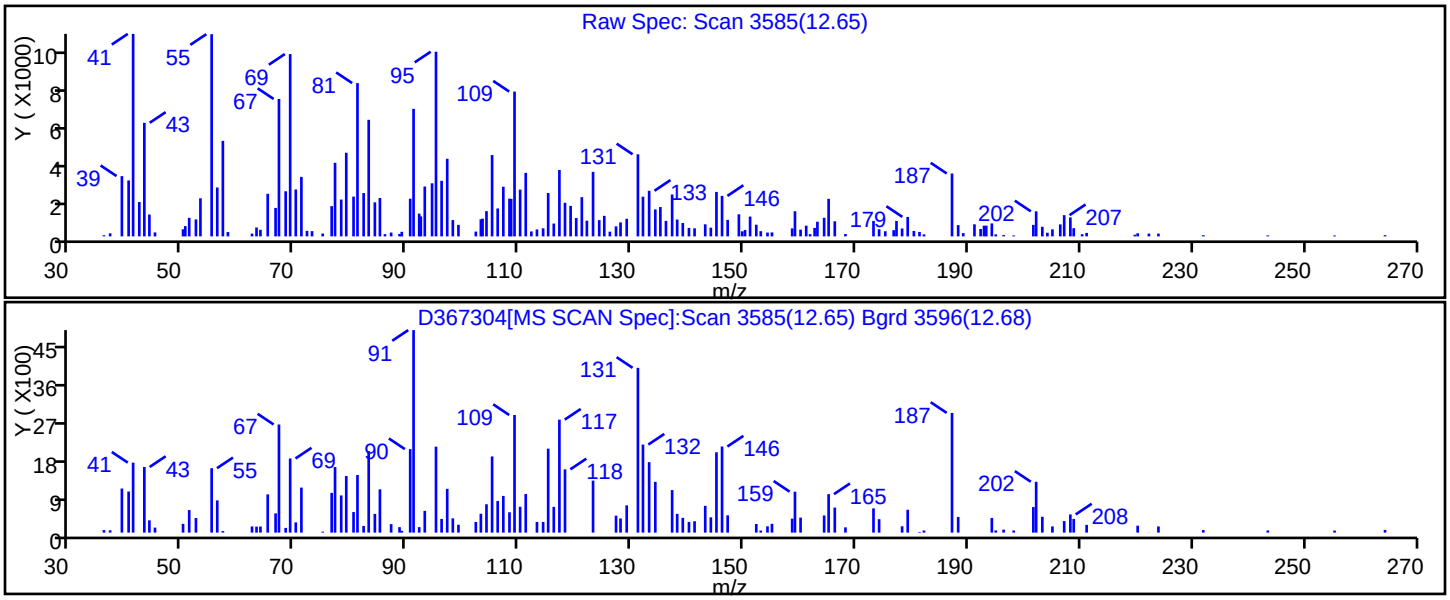
Report Date: 15-Mar-2014 13:30:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367304.D

Injection Date:	13-Mar-2014 15:23:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-25-A	Lab Sample ID:	460-72174-25		
Client ID:	PMP-28SW-VD				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 40



Report Date: 15-Mar-2014 13:30:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367304.D

Injection Date: 13-Mar-2014 15:23:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-25-A Lab Sample ID: 460-72174-25

Client ID: PMP-28SW-VD

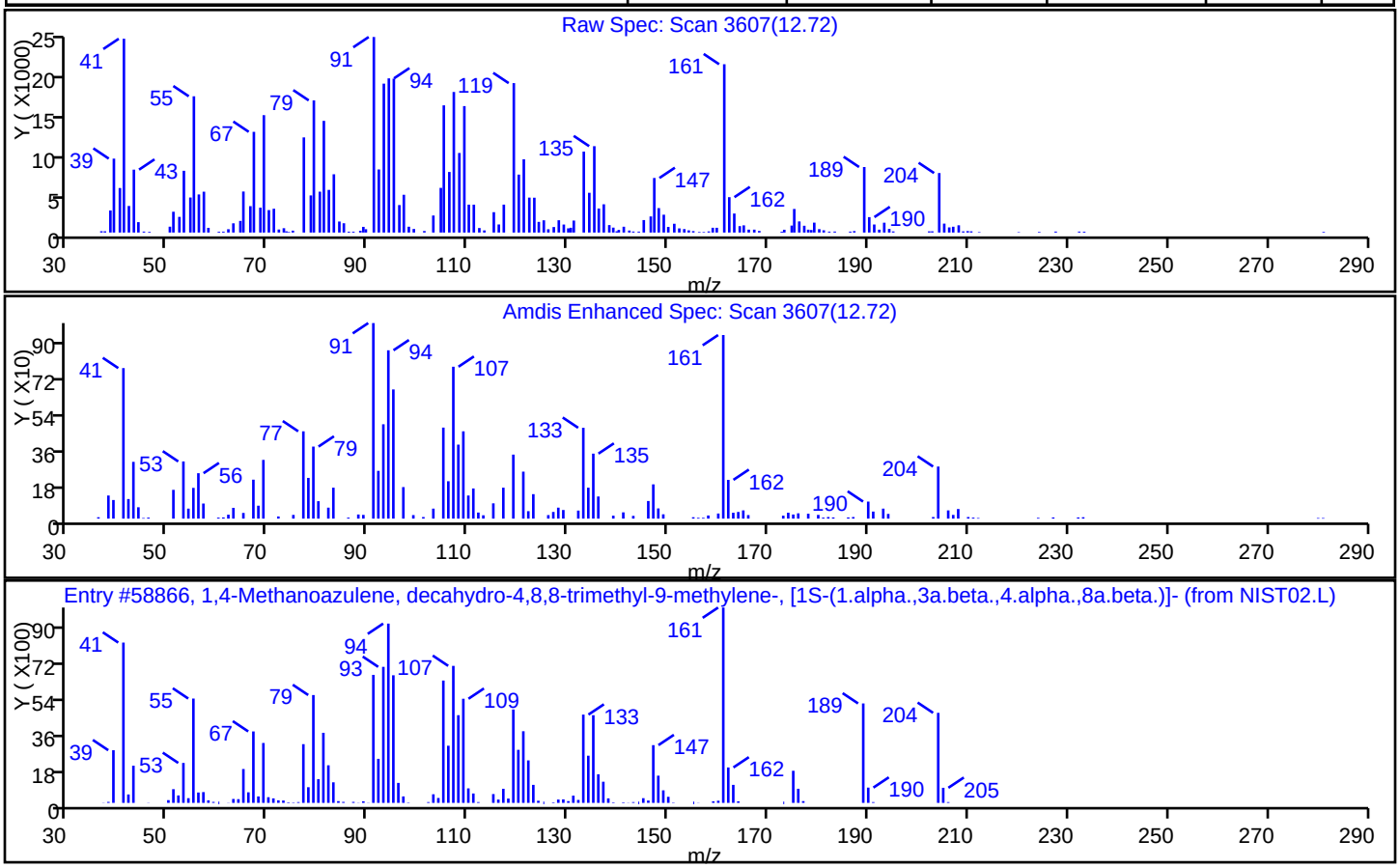
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,4-Methanoazulene, decahydro-4,8,8-trim	475-20-7	NIST02.L	58866	C15H24	204	78



Report Date: 15-Mar-2014 13:30:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367304.D

Injection Date: 13-Mar-2014 15:23:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-25-A Lab Sample ID: 460-72174-25

Client ID: PMP-28SW-VD

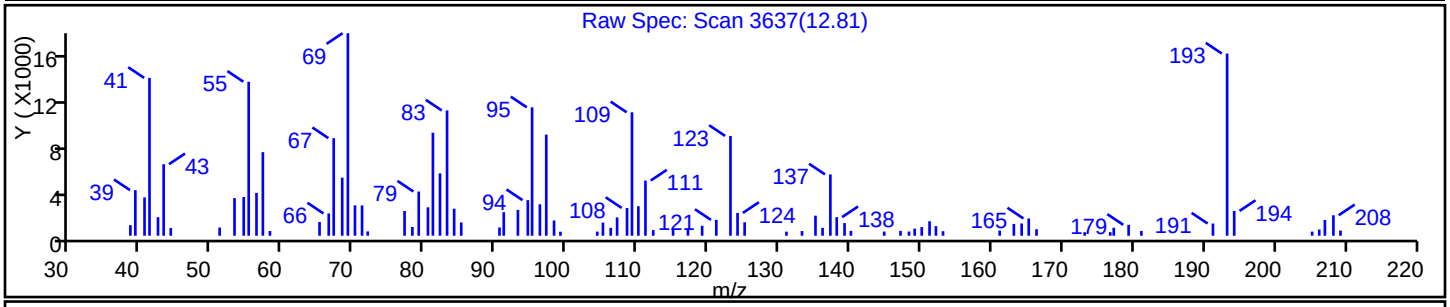
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

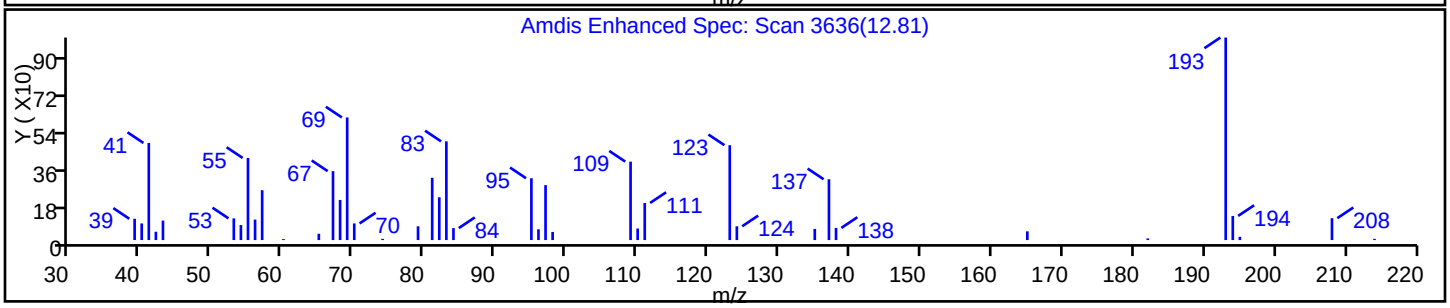
Purge Vol: 5.000 mL Dil. Factor: 1.0000

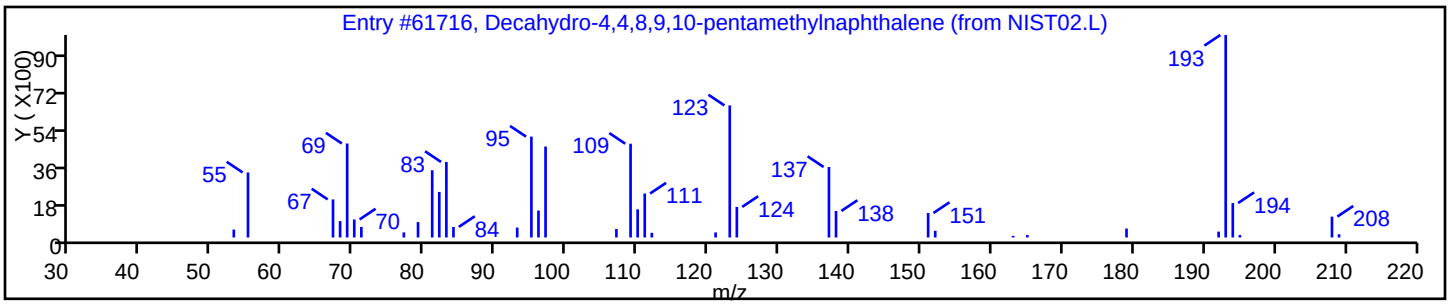
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown		NIST02.L	0		0	0
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	C15H28	208	72







Report Date: 15-Mar-2014 13:30:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367304.D

Injection Date: 13-Mar-2014 15:23:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-25-A Lab Sample ID: 460-72174-25

Client ID: PMP-28SW-VD

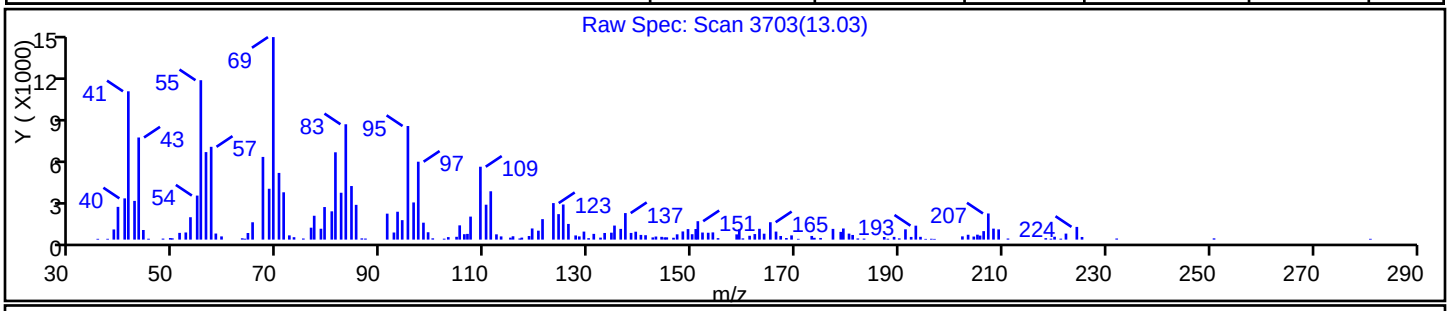
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

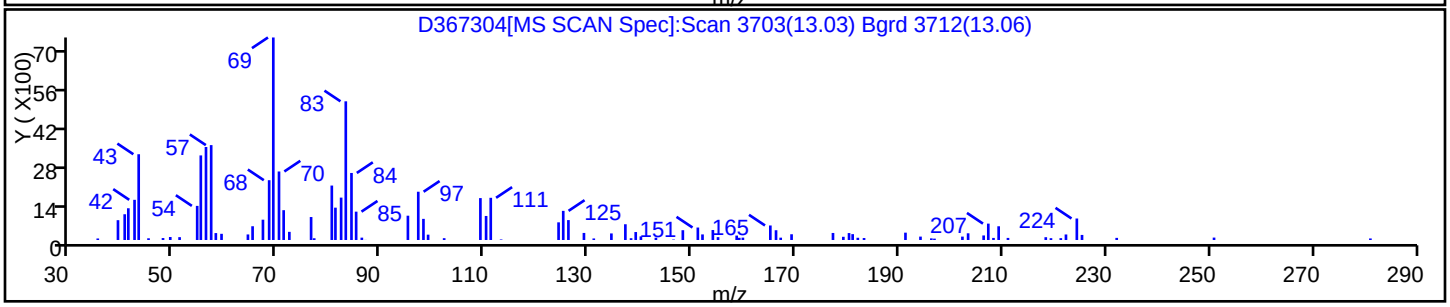
Purge Vol: 5.000 mL Dil. Factor: 1.0000

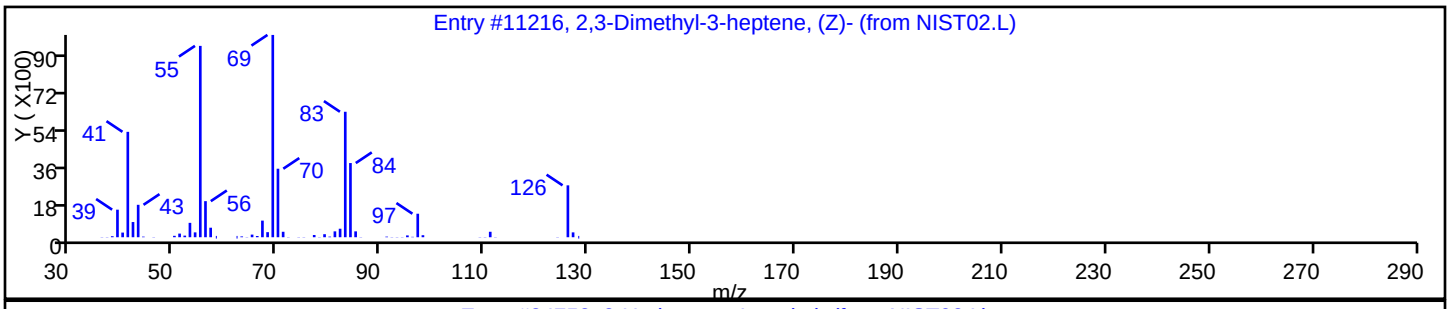
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

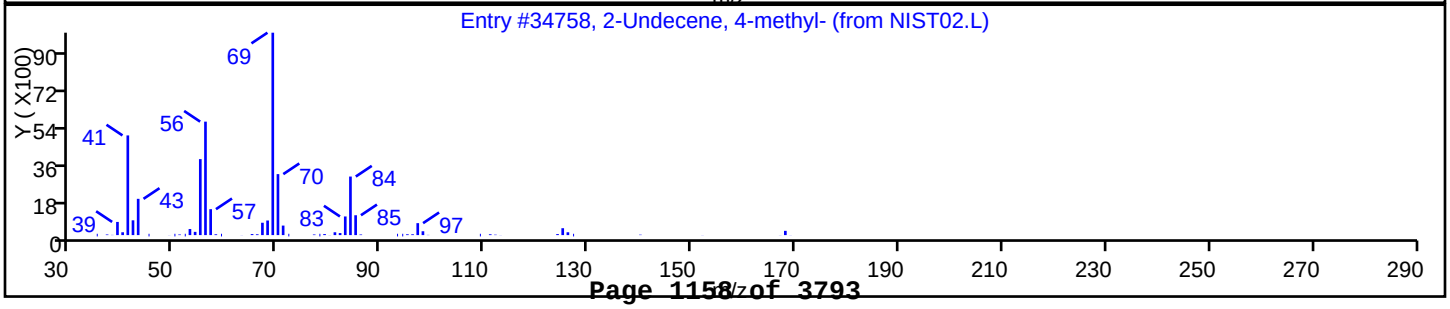
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown		NIST02.L	0		0	0
2,3-Dimethyl-3-heptene, (Z)-	59643-73-1	NIST02.L	11216	C9H18	126	47
2-Undecene, 4-methyl-	91695-32-8	NIST02.L	34758	C12H24	168	43









Report Date: 15-Mar-2014 13:30:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367304.D

Injection Date: 13-Mar-2014 15:23:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-25-A Lab Sample ID: 460-72174-25

Client ID: PMP-28SW-VD

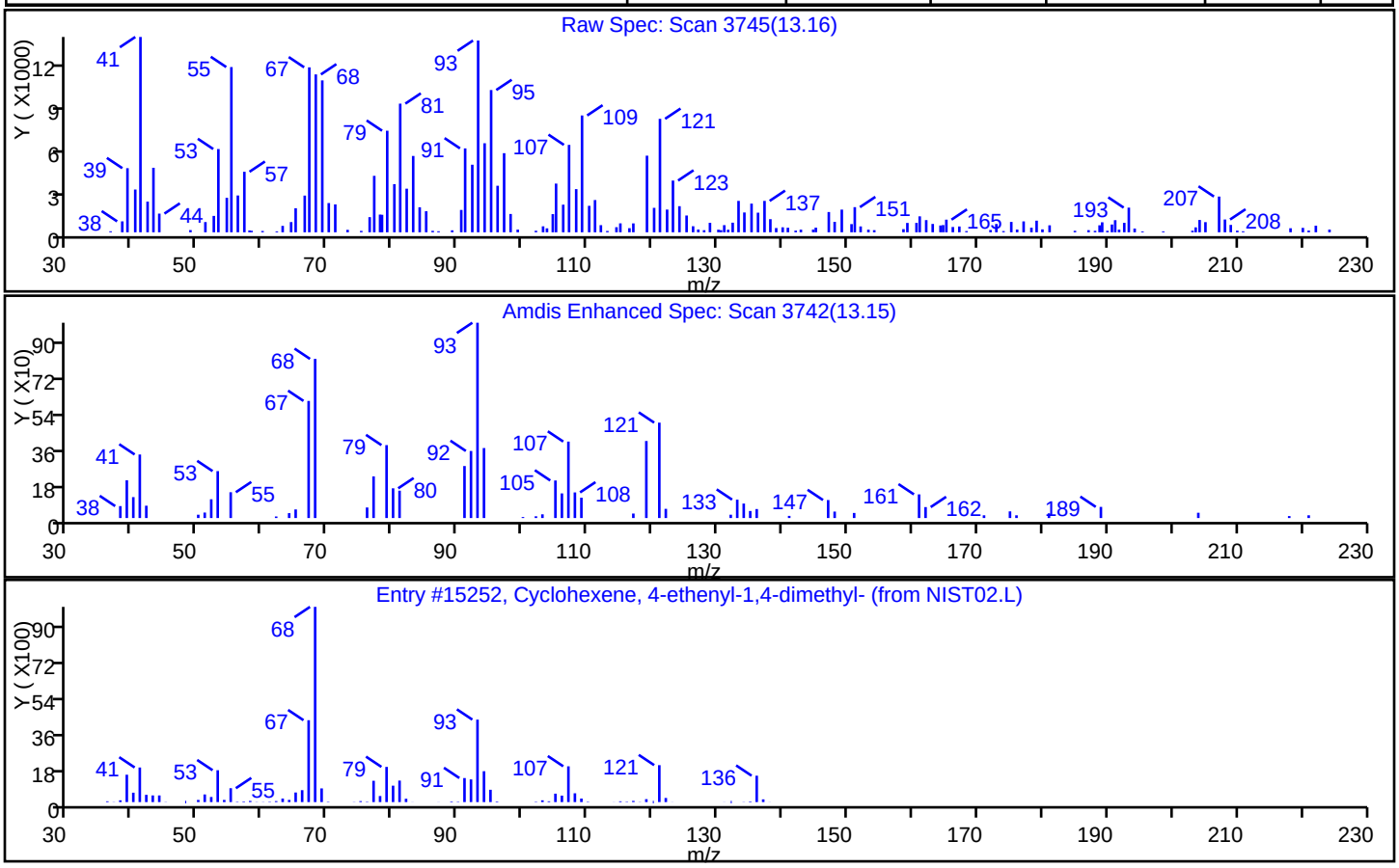
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexene, 4-ethenyl-1,4-dimethyl-	1743-61-9	NIST02.L	15252	C10H16	136	89



Report Date: 15-Mar-2014 13:30:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367304.D

Injection Date: 13-Mar-2014 15:23:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-25-A Lab Sample ID: 460-72174-25

Client ID: PMP-28SW-VD

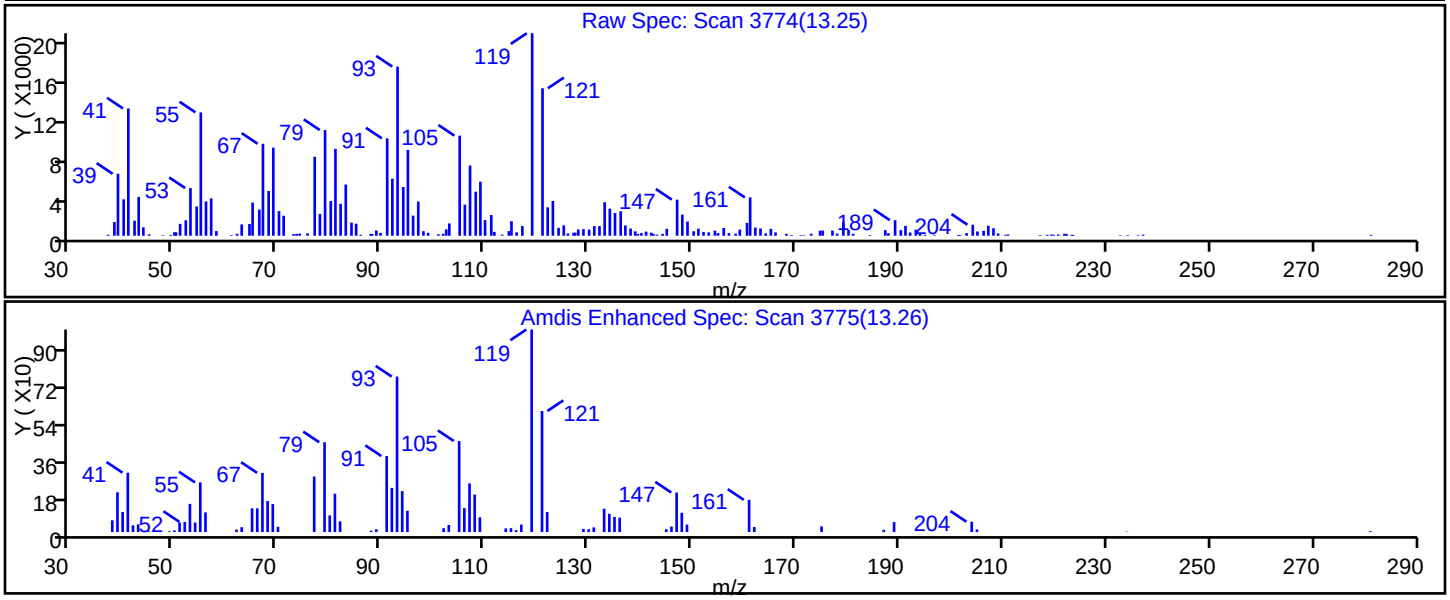
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

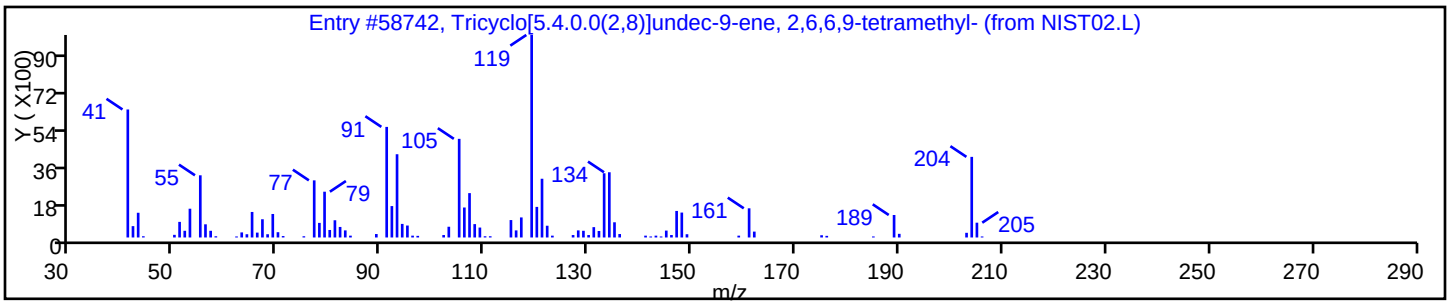
Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown		NIST02.L	0		0	0
Tricyclo[5.4.0.0(2,8)]undec-9-ene, 2,6,6	5989-08-2	NIST02.L	58742	C15H24	204	74





FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-WT Lab Sample ID: 460-72174-26

Matrix: Solid Lab File ID: J09968.D

Analysis Method: 8260B Date Collected: 03/06/2014 16:40

Sample wt/vol: 5.456(g) Date Analyzed: 03/13/2014 23:47

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.6 Level: (low/med) Medium

Analysis Batch No.: 212509 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	10	U	110	10
74-83-9	Bromomethane	19	U	110	19
75-01-4	Vinyl chloride	15	U	110	15
75-00-3	Chloroethane	18	U	110	18
75-09-2	Methylene Chloride	19	U	110	19
67-64-1	Acetone	280	U	530	280
75-15-0	Carbon disulfide	13	U	110	13
75-69-4	Trichlorofluoromethane	15	U	110	15
75-35-4	1,1-Dichloroethene	9.4	U	110	9.4
75-34-3	1,1-Dichloroethane	14	U	110	14
156-60-5	trans-1,2-Dichloroethene	14	U	110	14
156-59-2	cis-1,2-Dichloroethene	19	U	110	19
67-66-3	Chloroform	8.3	U	110	8.3
78-93-3	2-Butanone	250	U	530	250
107-06-2	1,2-Dichloroethane	20	U	110	20
71-55-6	1,1,1-Trichloroethane	6.6	U	110	6.6
56-23-5	Carbon tetrachloride	6.0	U	110	6.0
71-43-2	Benzene	8.8	U	110	8.8
75-25-2	Bromoform	20	U	110	20
100-42-5	Styrene	13	U	110	13
100-41-4	Ethylbenzene	10	U	110	10
108-90-7	Chlorobenzene	12	U	110	12
110-82-7	Cyclohexane	17	U	110	17
98-82-8	Isopropylbenzene	8.1	U	110	8.1
591-78-6	2-Hexanone	53	U *	530	53
1634-04-4	MTBE	15	U	110	15
76-13-1	Freon TF	8.7	U	110	8.7
79-20-9	Methyl acetate	36	U	530	36
123-91-1	1,4-Dioxane	3800	U	5300	3800
79-01-6	Trichloroethene	23	J	110	9.8
108-88-3	Toluene	16	U	110	16
10061-02-6	trans-1,3-Dichloropropene	26	U	110	26
108-10-1	4-Methyl-2-pentanone	100	U	530	100
10061-01-5	cis-1,3-Dichloropropene	20	U	110	20
95-50-1	1,2-Dichlorobenzene	22	U	110	22
541-73-1	1,3-Dichlorobenzene	14	U	110	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-WT | Lab Sample ID: 460-72174-26

Matrix: Solid | Lab File ID: J09968.D

Analysis Method: 8260B | Date Collected: 03/06/2014 16:40

Sample wt/vol: 5.456(g) | Date Analyzed: 03/13/2014 23:47

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.6 | Level: (low/med) Medium

Analysis Batch No.: 212509 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	25	U	110	25
120-82-1	1,2,4-Trichlorobenzene	3700		110	36
87-61-6	1,2,3-Trichlorobenzene	810		110	54
78-87-5	1,2-Dichloropropane	9.1	U	110	9.1
108-87-2	Methylcyclohexane	14	U	110	14
127-18-4	Tetrachloroethene	10	U	110	10
1330-20-7	Xylenes, Total	38	U	210	38
96-12-8	1,2-Dibromo-3-Chloropropane	42	U	110	42
79-34-5	1,1,2,2-Tetrachloroethane	17	U	110	17
79-00-5	1,1,2-Trichloroethane	20	U	110	20
124-48-1	Dibromochloromethane	21	U	110	21
106-93-4	1,2-Dibromoethane	29	U	110	29
75-71-8	Dichlorodifluoromethane	23	U	110	23
74-97-5	Bromochloromethane	29	U	110	29
75-27-4	Bromodichloromethane	13	U	110	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		75-135
2037-26-5	Toluene-d8 (Surr)	85		59-150
460-00-4	Bromofluorobenzene	84		72-133
1868-53-7	Dibromofluoromethane (Surr)	86		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-WT Lab Sample ID: 460-72174-26

Matrix: Solid Lab File ID: J09968.D

Analysis Method: 8260B Date Collected: 03/06/2014 16:40

Sample wt/vol: 5.456(g) Date Analyzed: 03/13/2014 23:47

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.6 Level: (low/med) Medium

Analysis Batch No.: 212509 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 13440

CAS NO.	COMPOUND NAME	RT	RESULT	Q
493-02-7	Naphthalene, decahydro-, trans-	11.14	1700	J N
74793-36-5	Zinc, bis[2-(1,1-dimethylethyl)-3,3-dime	11.26	880	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.54	2100	J N
2958-75-0	1-Methyldecahydronaphthalene	11.67	2100	J N
2958-75-0	1-Methyldecahydronaphthalene	11.91	1400	J N
35031-55-1	1-Propanone, 1-(2,4-dimethylphenyl)-	12.00	1500	J N
1000111-72-3	cis,trans-1,6-Dimethylspiro[4.5]decane	12.32	990	J N
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-	12.58	880	J N
1518-83-8	Phenol, 4-cyclopentyl-	12.68	1100	J N
92-51-3	1,1'-Bicyclohexyl	12.86	790	J N

Report Date: 14-Mar-2014 08:01:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09968.D
Lims ID: 460-72174-A-26-A Lab Sample ID: 460-72174-26
Client ID: PMP-28SW-WT
Sample Type: Client
Inject. Date: 13-Mar-2014 23:47:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-72174-A-26-A
Misc. Info.: 460-0010838-007
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 08:00:39 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: delpolitov Date: 14-Mar-2014 08:01:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	3.181	3.176	0.005	80	403441	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	4.727	4.727	-0.001	95	191231	43.1	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.085	5.080	0.005	89	257368	42.5	
* 59 Fluorobenzene	96	5.355	5.356	-0.001	97	806640	50.0	
61 Trichloroethene	95	5.719	5.708	0.011	7	824	0.2140	
* 150 1,4-Dioxane-d8	96	6.060	6.055	0.005	75	50413	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.024	7.024	0.0	98	719121	42.6	
* 87 Chlorobenzene-d5	117	8.816	8.816	0.0	87	687138	50.0	
$ 99 4-Bromofluorobenzene	174	10.085	10.085	0.0	91	246764	41.9	
* 116 1,4-Dichlorobenzene-d4	152	10.960	10.961	-0.001	96	413171	50.0	
124 1,2,4-Trichlorobenzene	180	12.194	12.195	-0.001	92	198255	35.2	
128 1,2,3-Trichlorobenzene	180	12.523	12.524	-0.001	74	39578	7.67	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09968.D				
Lims ID:	460-72174-A-26-A	Lab Sample ID:	460-72174-26		
Client ID:	PMP-28SW-WT				
Sample Type:	Client				
Inject. Date:	13-Mar-2014 23:47:30	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Sample Info:	460-72174-A-26-A				
Misc. Info.:	460-0010838-007				
Operator ID:		Instrument ID:	CVOAMS8		
Method:	\\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\8260_W8.m				
Limit Group:	VOA - 8260B Water and Solid				
Last Update:	14-Mar-2014 08:00:39	Calib Date:	09-Mar-2014 13:34:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L				
Min. Match:	20				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK011				
First Level Reviewer: delpolitov		Date:	14-Mar-2014 08:01:26		

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
493-02-7 Naphthalene, decahydro-, trans-								
11.143	815656	15.9	116	97	16319	C10H18	138	
74793-36-5 Zinc, bis[2-(1,1-dimethylethyl)-3,3-dime								
11.260	424530	8.28	116	72	124962	C18H34Zn	314	
2958-76-1 Naphthalene, decahydro-2-methyl-								
11.536	992200	19.3	116	97	24328	C11H20	152	
2958-75-0 1-Methyldecahydronaphthalene								
11.665	1003246	19.6	116	97	24317	C11H20	152	
2958-75-0 1-Methyldecahydronaphthalene								
11.906	697824	13.6	116	74	24317	C11H20	152	
35031-55-1 1-Propanone, 1-(2,4-dimethylphenyl)-								
12.000	707241	13.8	116	42	30558	C11H14O	162	
1000111-72-3 cis,trans-1,6-Dimethylspiro[4.5]decane								
12.318	480818	9.37	116	53	33341	C12H22	166	
1618-22-0 Naphthalene, decahydro-2,6-dimethyl-								
12.576	425540	8.30	116	50	33325	C12H22	166	
1518-83-8 Phenol, 4-cyclopentyl-								
12.682	509082	9.92	116	35	30523	C11H14O	162	
92-51-3 1,1'-Bicyclohexyl								
12.858	381635	7.44	116	86	33288	C12H22	166	

Report Date: 14-Mar-2014 08:01:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09968.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.960	2564678	50.0

QC Flag Legend

Processing Flags

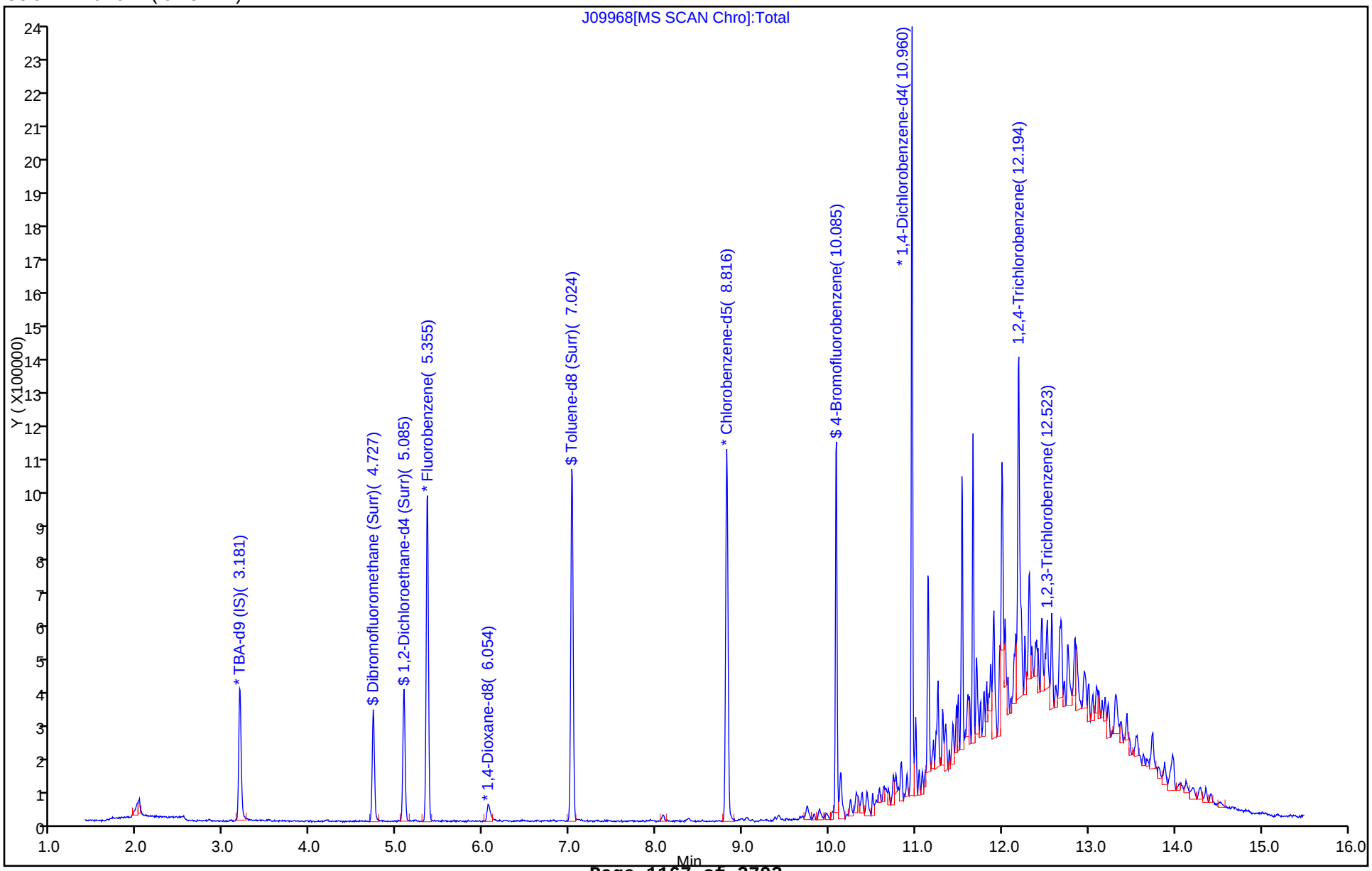
Report Date: 14-Mar-2014 08:01:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09968.D

Injection Date:	13-Mar-2014 23:47:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-72174-A-26-A	Lab Sample ID:	460-72174-26	Worklist Smp#:	7
Client ID:	PMP-28SW-WT				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	6
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



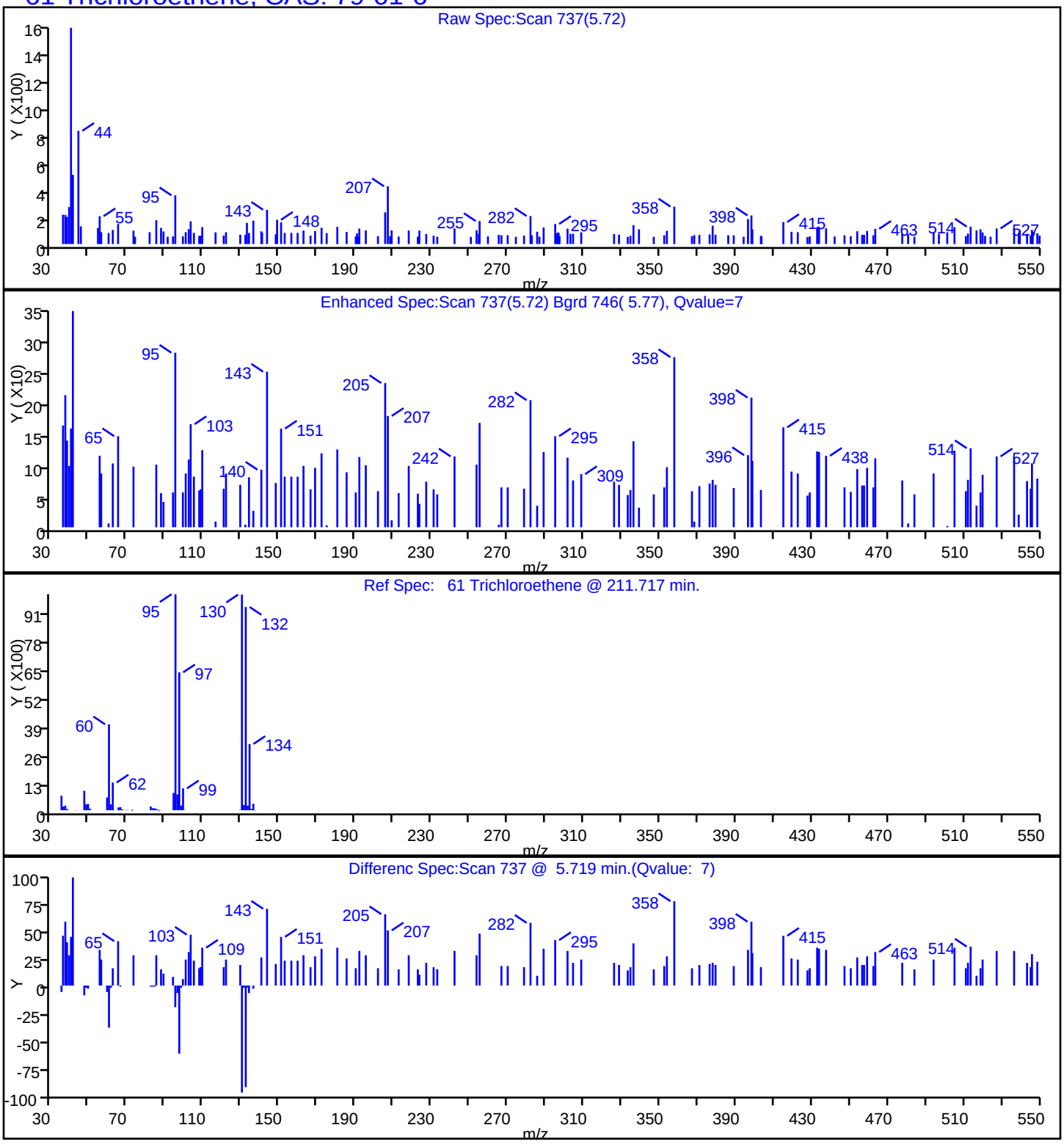
Report Date: 14-Mar-2014 08:01:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09968.D

Injection Date:	13-Mar-2014 23:47:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-26-A	Lab Sample ID:	460-72174-26		
Client ID:	PMP-28SW-WT				
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

61 Trichloroethene, CAS: 79-01-6



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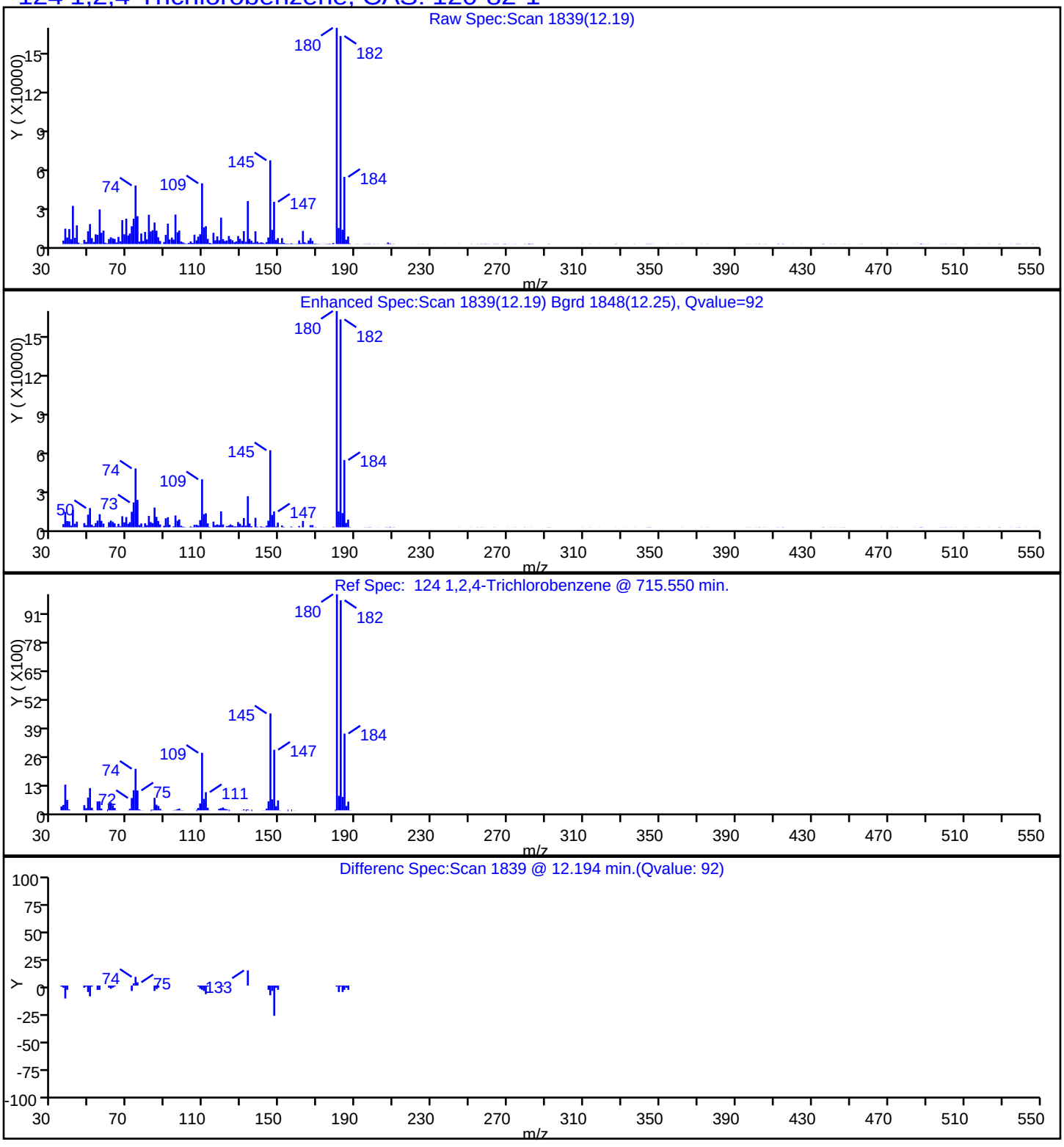
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09968.D

Injection Date:	13-Mar-2014 23:47:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-26-A	Lab Sample ID:	460-72174-26		
Client ID:	PMP-28SW-WT				
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



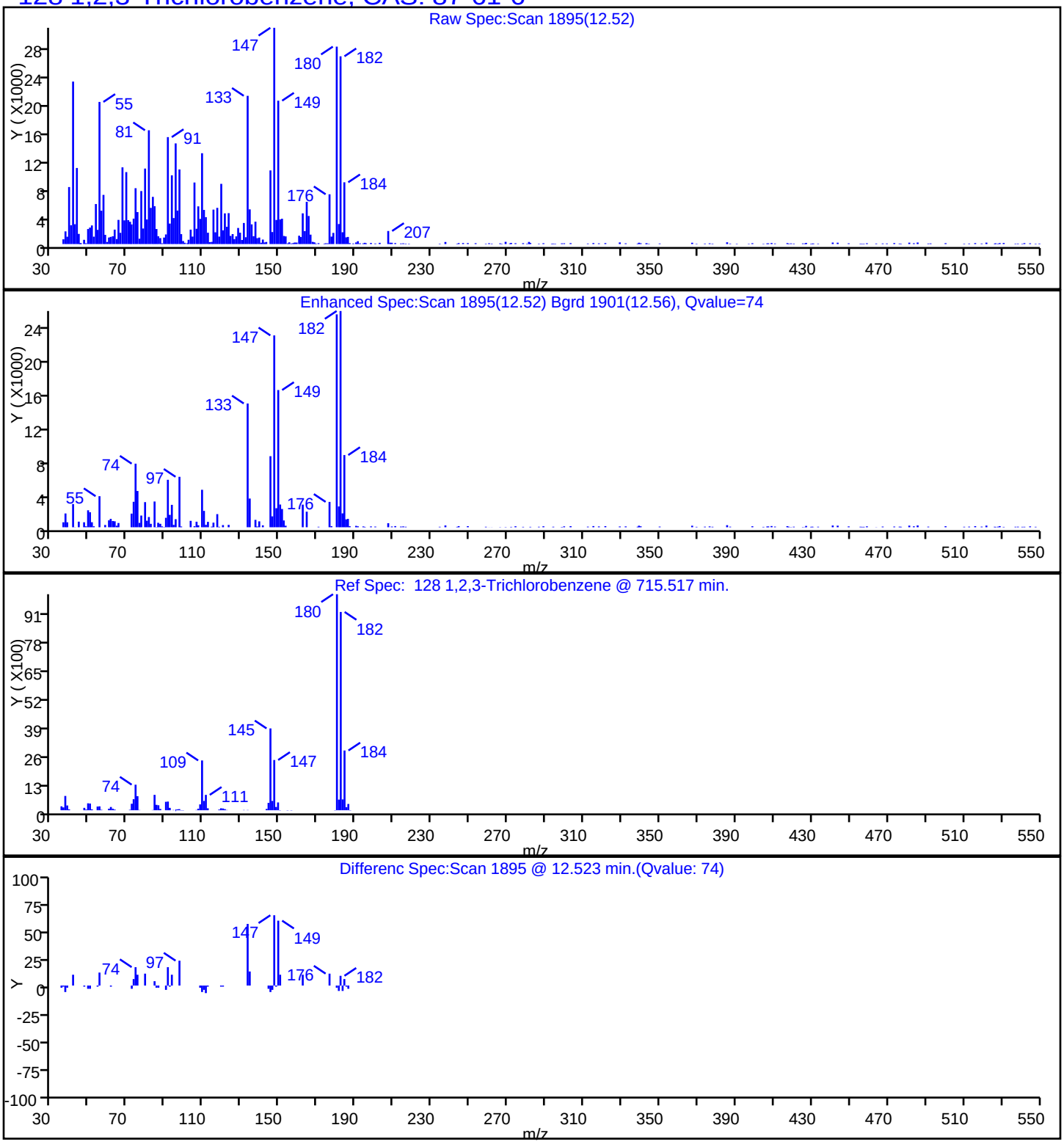
Report Date: 14-Mar-2014 08:01:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09968.D

Injection Date:	13-Mar-2014 23:47:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-26-A	Lab Sample ID:	460-72174-26		
Client ID:	PMP-28SW-WT				
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



Report Date: 14-Mar-2014 08:01:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09968.D

Injection Date: 13-Mar-2014 23:47:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-26-A Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

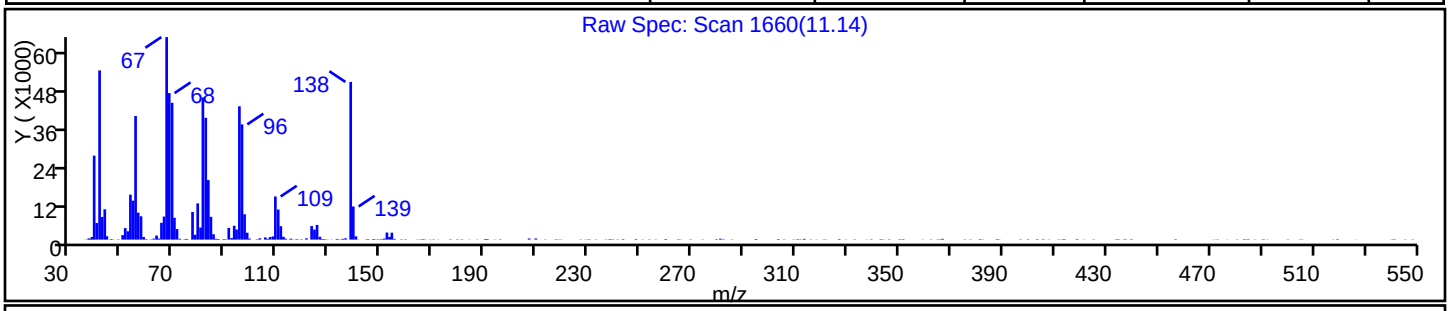
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

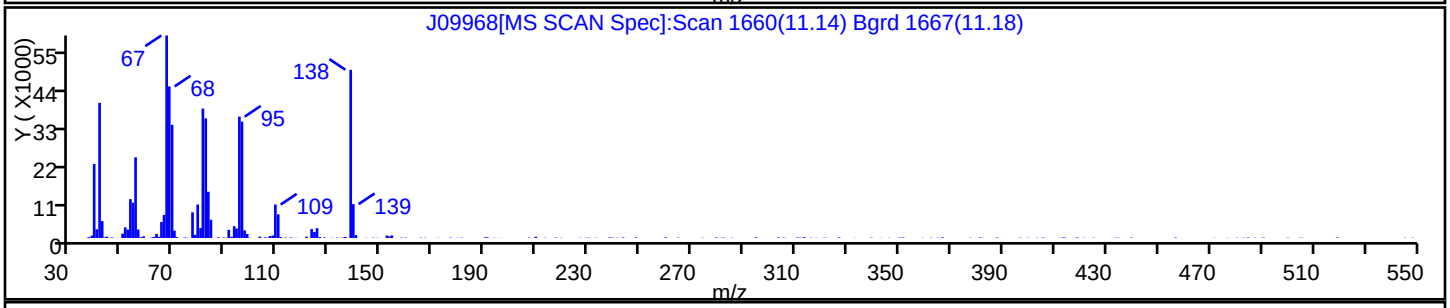
Purge Vol: 5.000 mL Dil. Factor: 50.0000

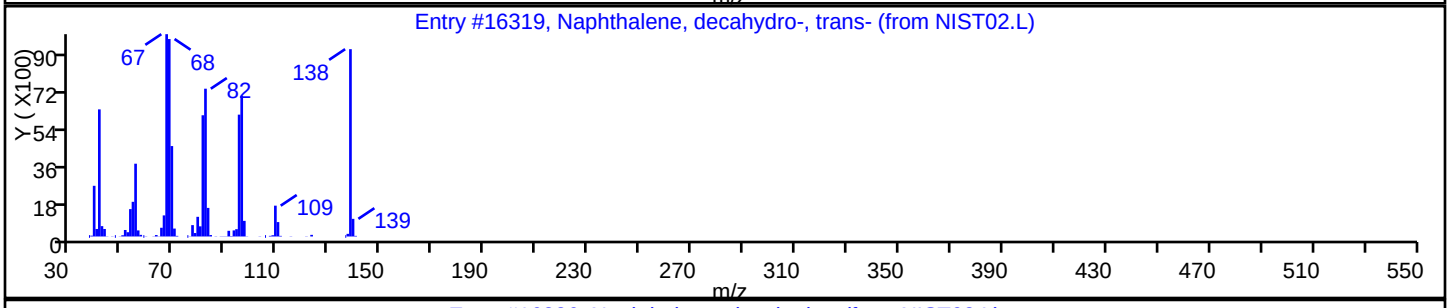
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

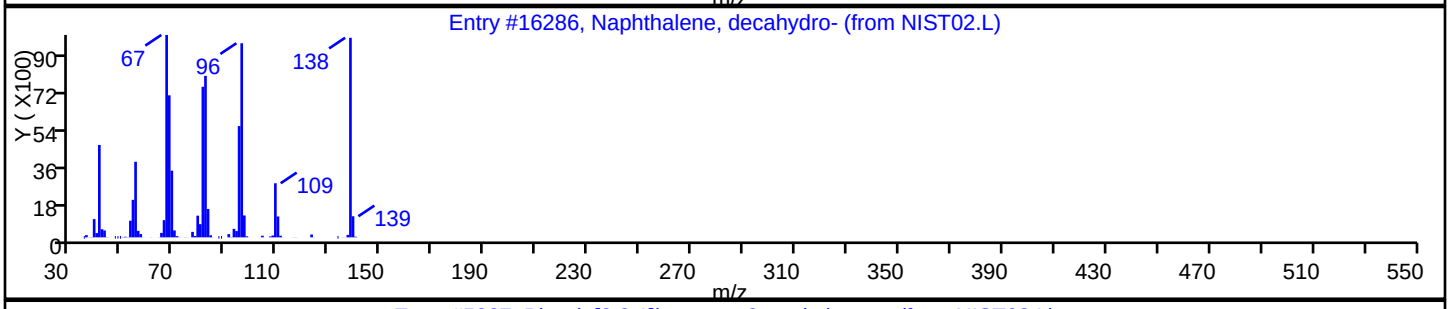
Column: Detector MS SCAN

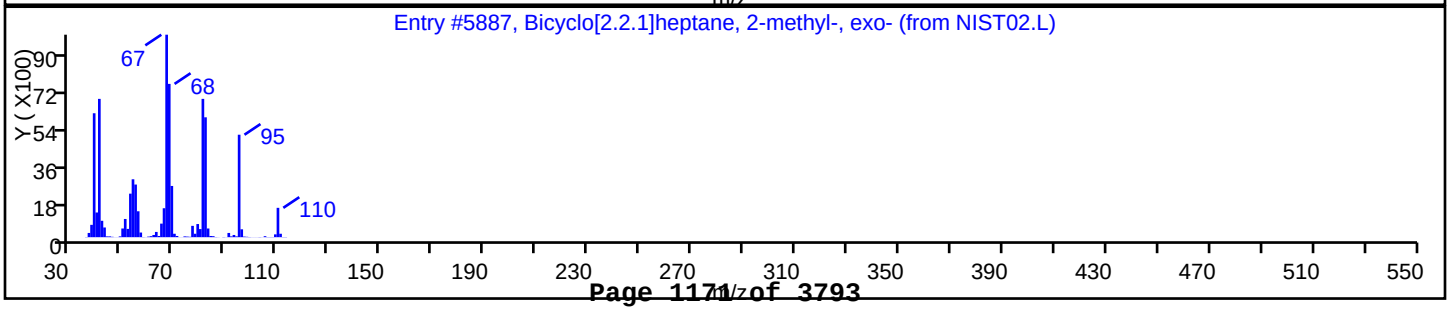
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-, trans-	493-02-7	NIST02.L	16319	C10H18	138	97
Naphthalene, decahydro-	91-17-8	NIST02.L	16286	C10H18	138	90
Bicyclo[2.2.1]heptane, 2-methyl-, exo-	872-78-6	NIST02.L	5887	C8H14	110	90











Report Date: 14-Mar-2014 08:01:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09968.D

Injection Date: 13-Mar-2014 23:47:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-26-A Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

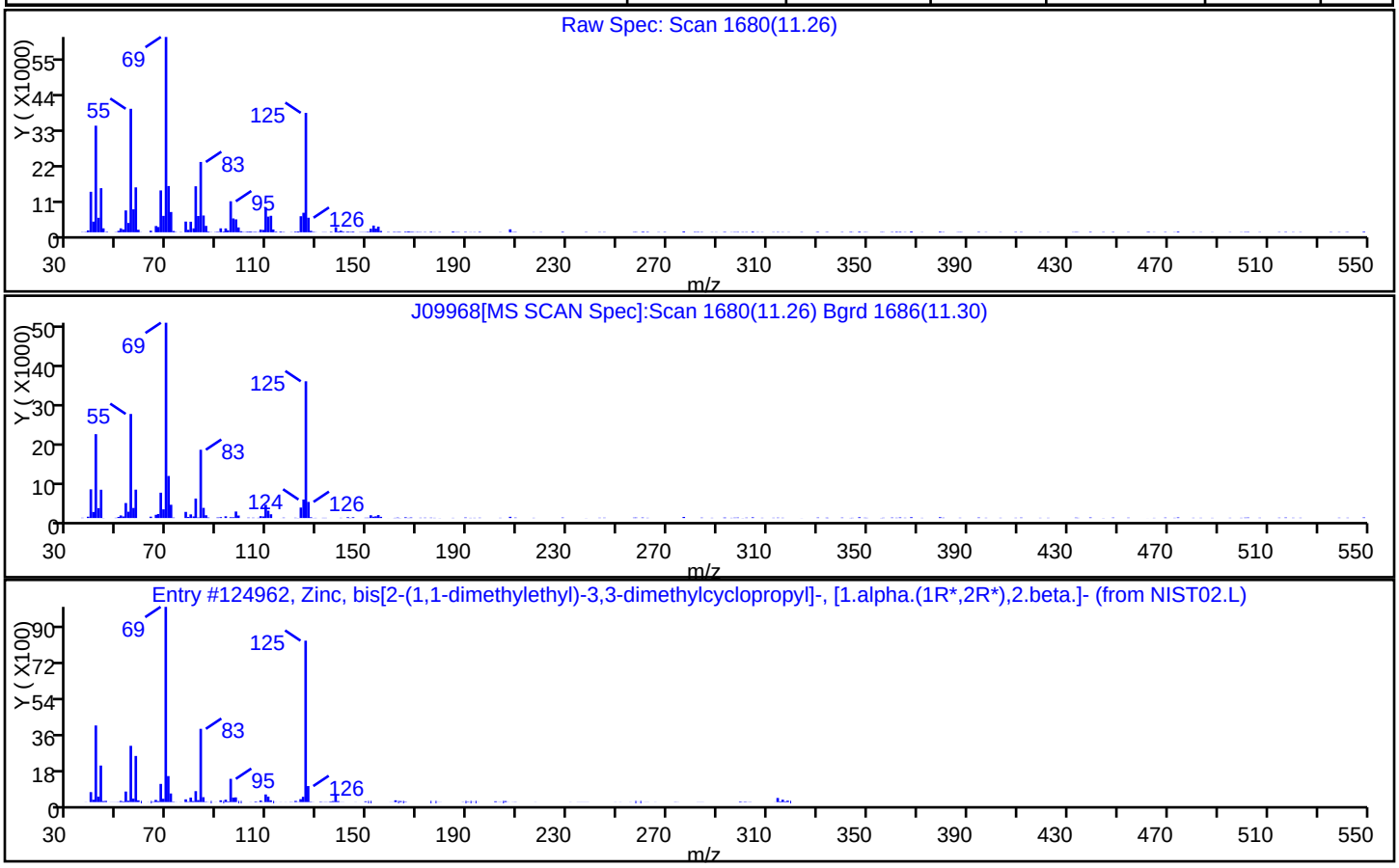
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Zinc, bis[2-(1,1-dimethylethyl)-3,3-dime	74793-36-5	NIST02.L	124962	C18H34Zn	314	72



Report Date: 14-Mar-2014 08:01:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09968.D

Injection Date: 13-Mar-2014 23:47:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-26-A Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

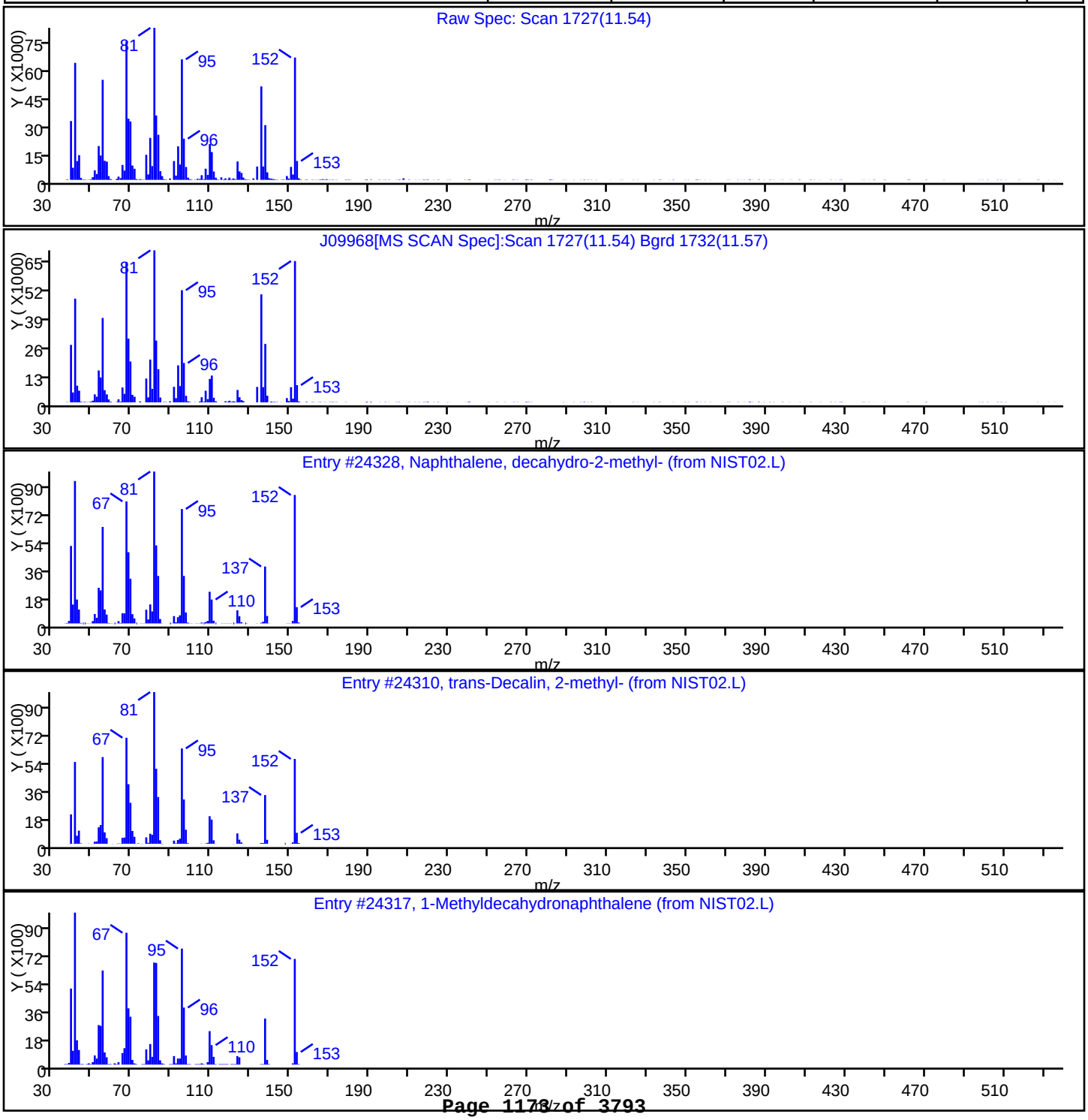
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	C11H20	152	97
trans-Decalin, 2-methyl-	1000152-47-	NIST02.L	24310	C11H20	152	91
1-Methyldecahydronaphthalene	2958-75-0	NIST02.L	24317	C11H20	152	89



Report Date: 14-Mar-2014 08:01:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09968.D

Injection Date: 13-Mar-2014 23:47:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-26-A Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

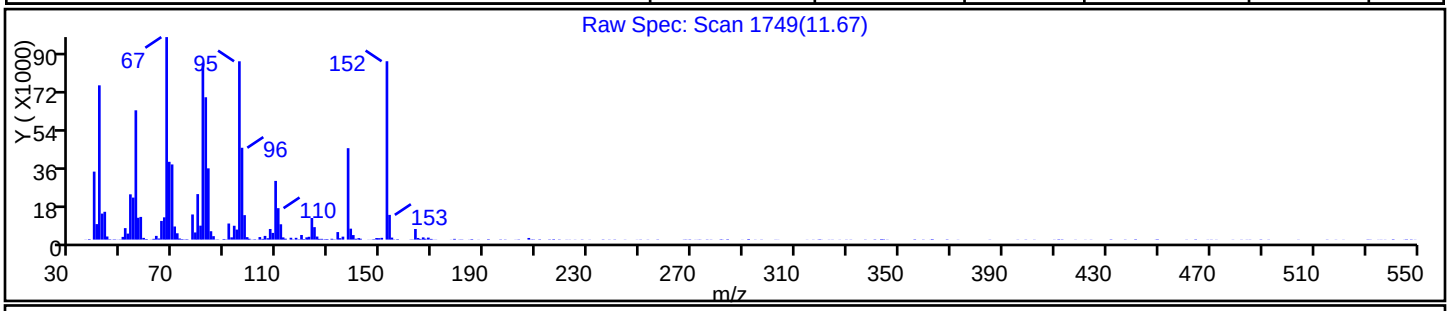
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

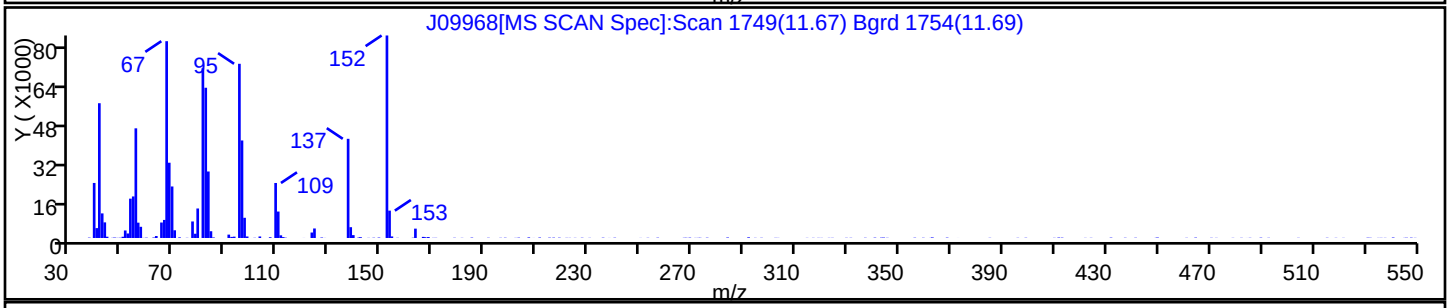
Purge Vol: 5.000 mL Dil. Factor: 50.0000

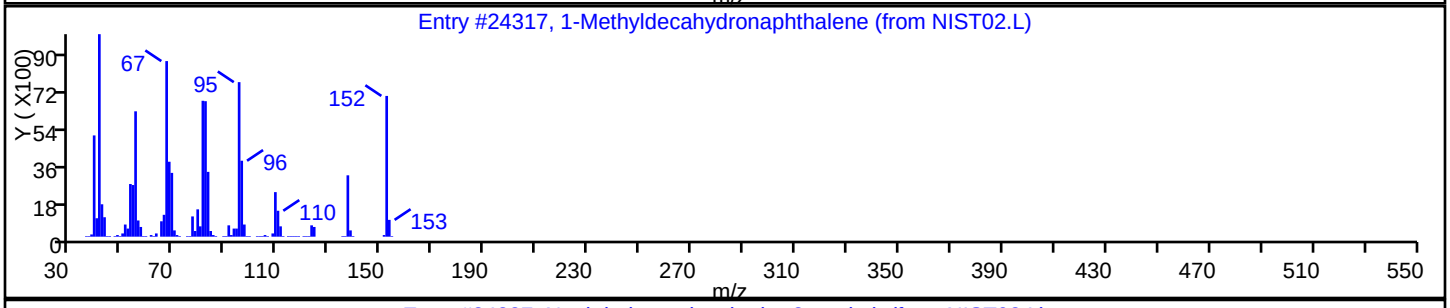
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

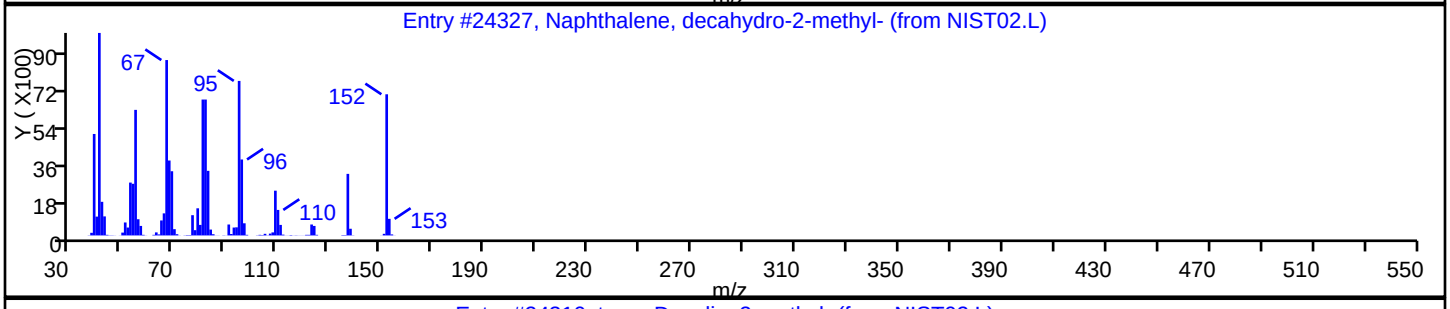
Column: Detector MS SCAN

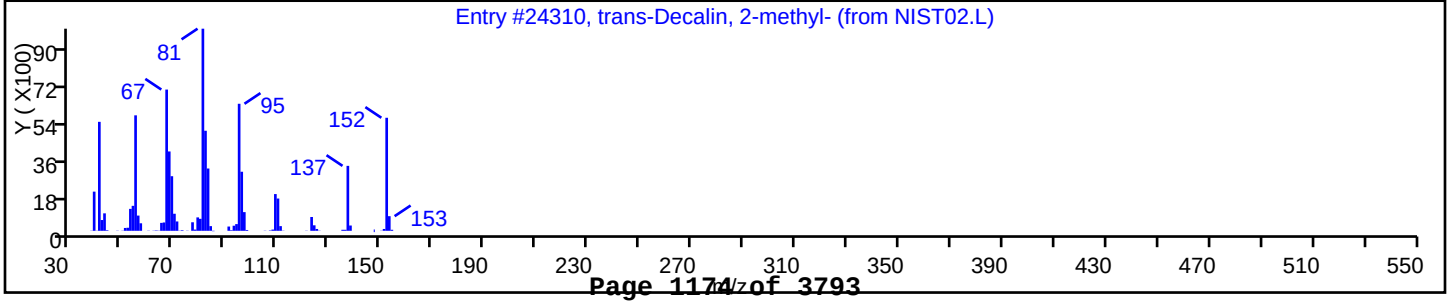
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Methyldecahydronaphthalene	2958-75-0	NIST02.L	24317	C11H20	152	97
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24327	C11H20	152	97
trans-Decalin, 2-methyl-	1000152-47-	NIST02.L	24310	C11H20	152	76











Report Date: 14-Mar-2014 08:01:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09968.D

Injection Date: 13-Mar-2014 23:47:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-26-A Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

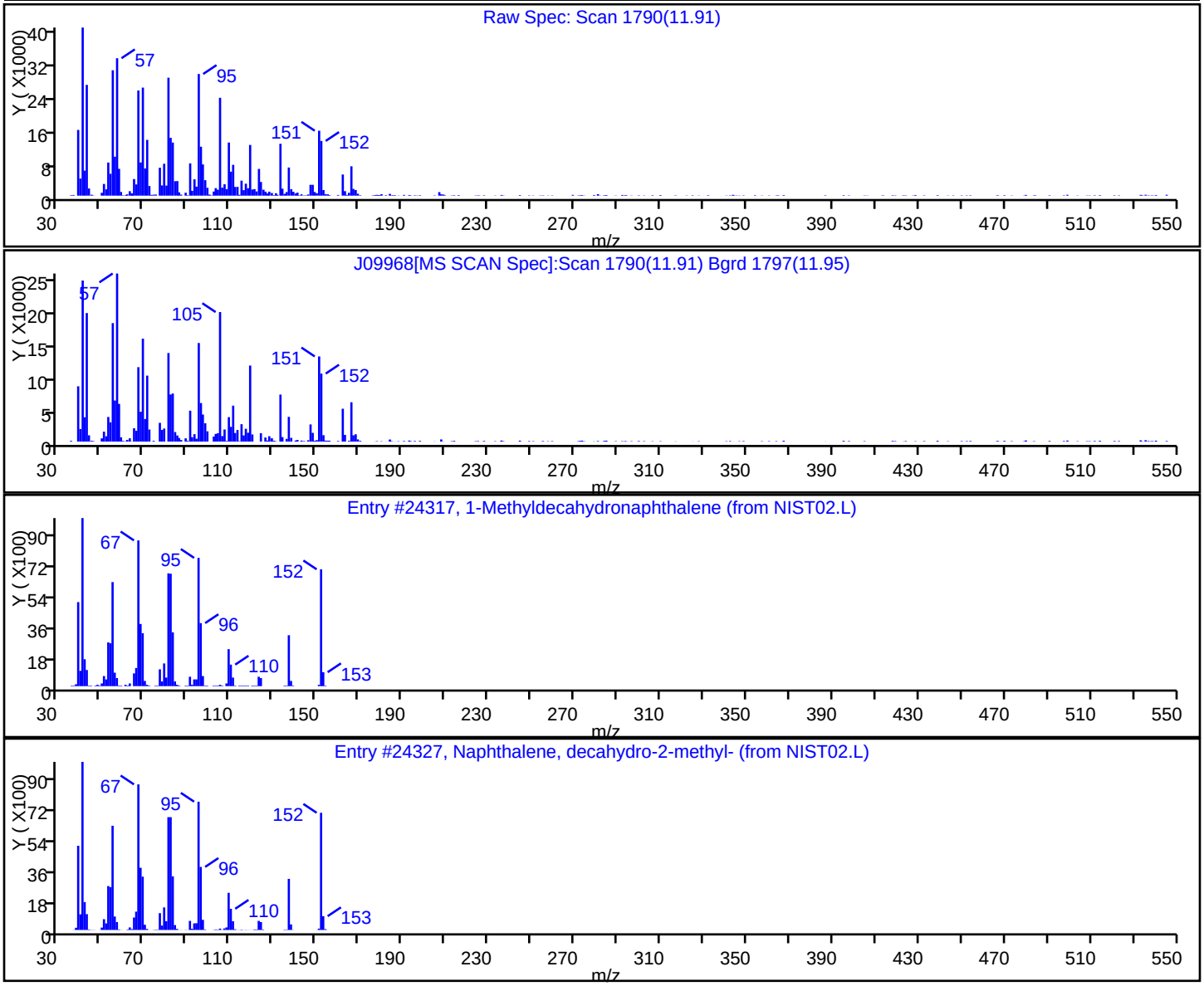
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Methyldecahydronaphthalene	2958-75-0	NIST02.L	24317	C11H20	152	74
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24327	C11H20	152	74



Report Date: 14-Mar-2014 08:01:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09968.D

Injection Date: 13-Mar-2014 23:47:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-26-A Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

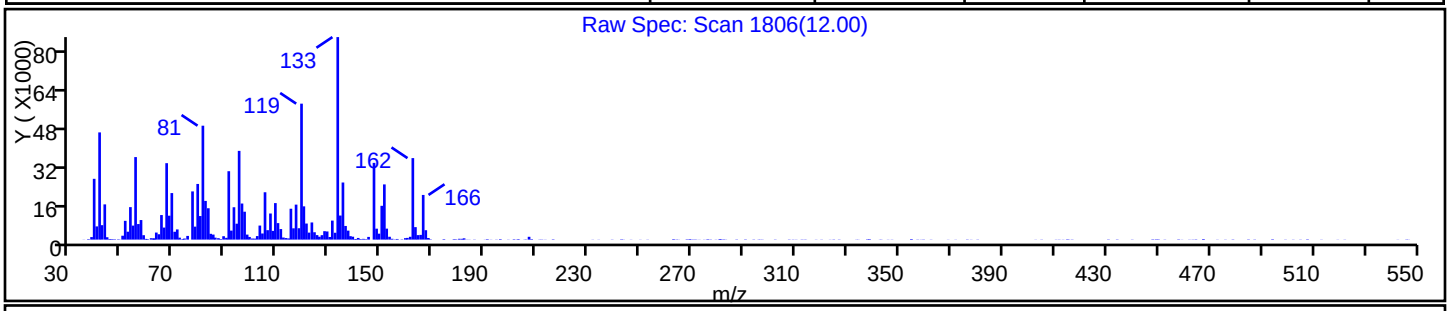
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

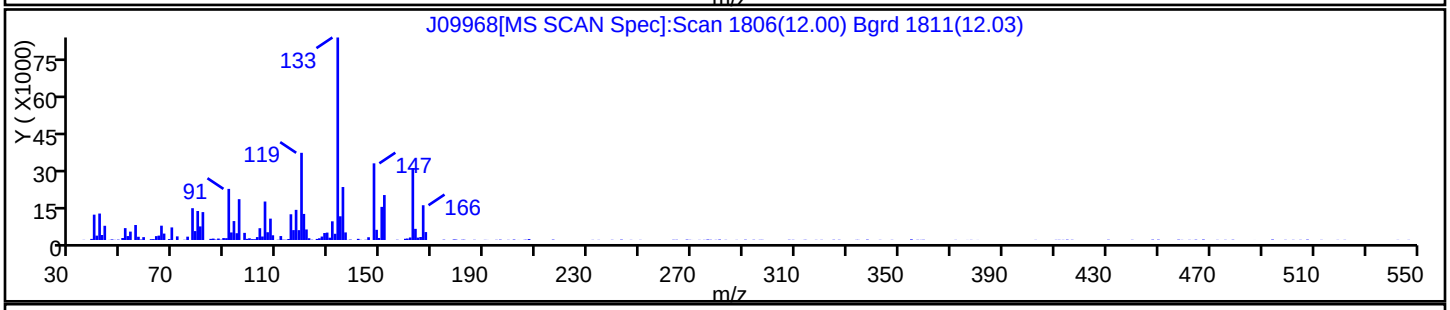
Purge Vol: 5.000 mL Dil. Factor: 50.0000

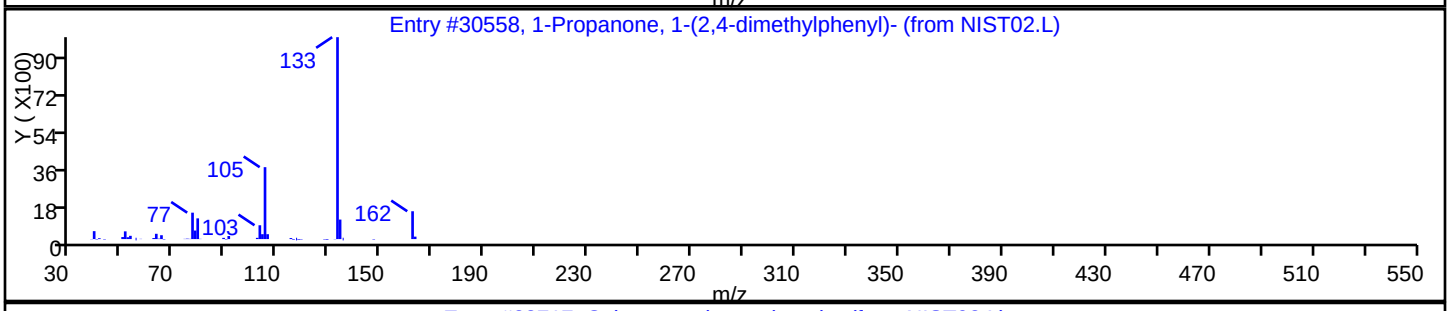
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

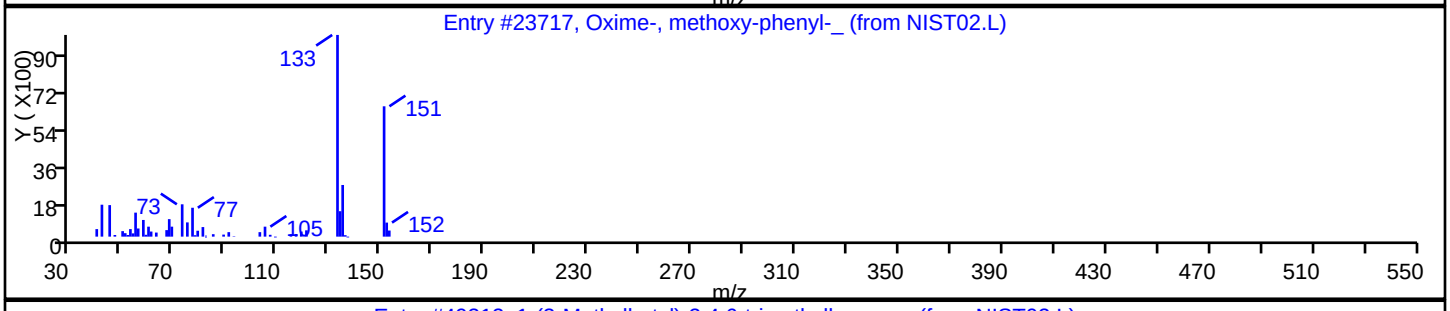
Column: Detector MS SCAN

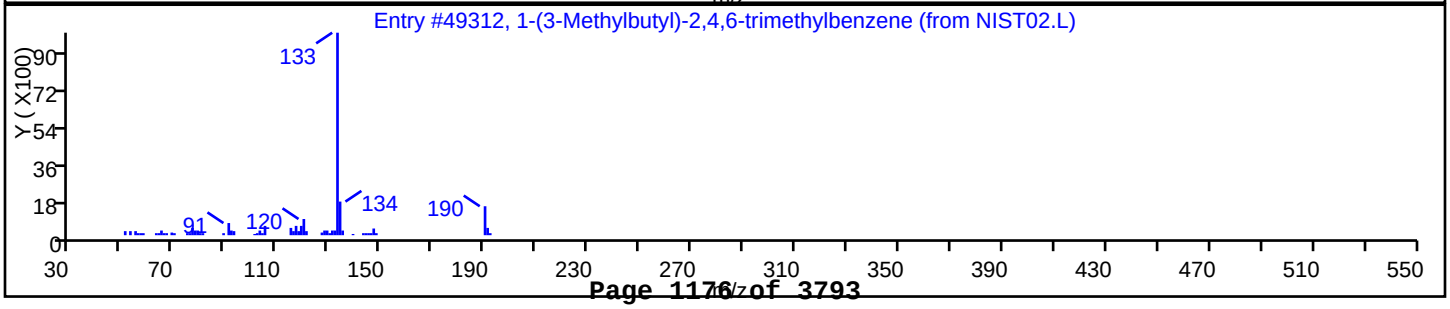
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Propanone, 1-(2,4-dimethylphenyl)-	35031-55-1	NIST02.L	30558	C11H14O	162	42
Oxime-, methoxy-phenyl-_	1000222-86-	NIST02.L	23717	C8H9NO2	151	38
1-(3-Methylbutyl)-2,4,6-trimethylbenzene	16204-65-2	NIST02.L	49312	C14H22	190	38











Report Date: 14-Mar-2014 08:01:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09968.D

Injection Date: 13-Mar-2014 23:47:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-26-A Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

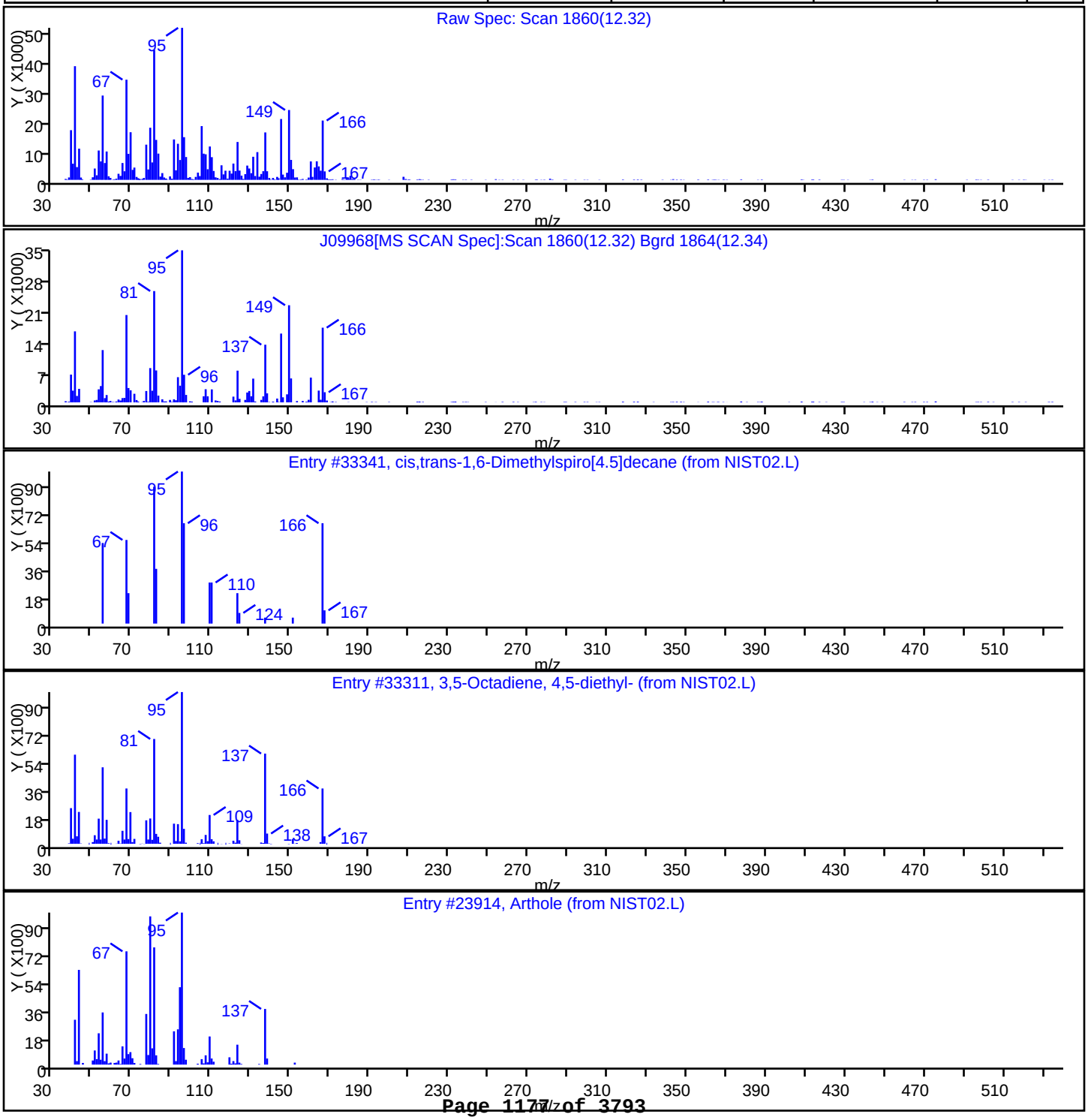
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
cis,trans-1,6-Dimethylspiro[4.5]decane	1000111-72·	NIST02.L	33341	C12H22	166	53
3,5-Octadiene, 4,5-diethyl-	67652-84-0	NIST02.L	33311	C12H22	166	50
Arthole	1000281-70·	NIST02.L	23914	C10H16O	152	47



Report Date: 14-Mar-2014 08:01:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09968.D

Injection Date: 13-Mar-2014 23:47:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-26-A Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

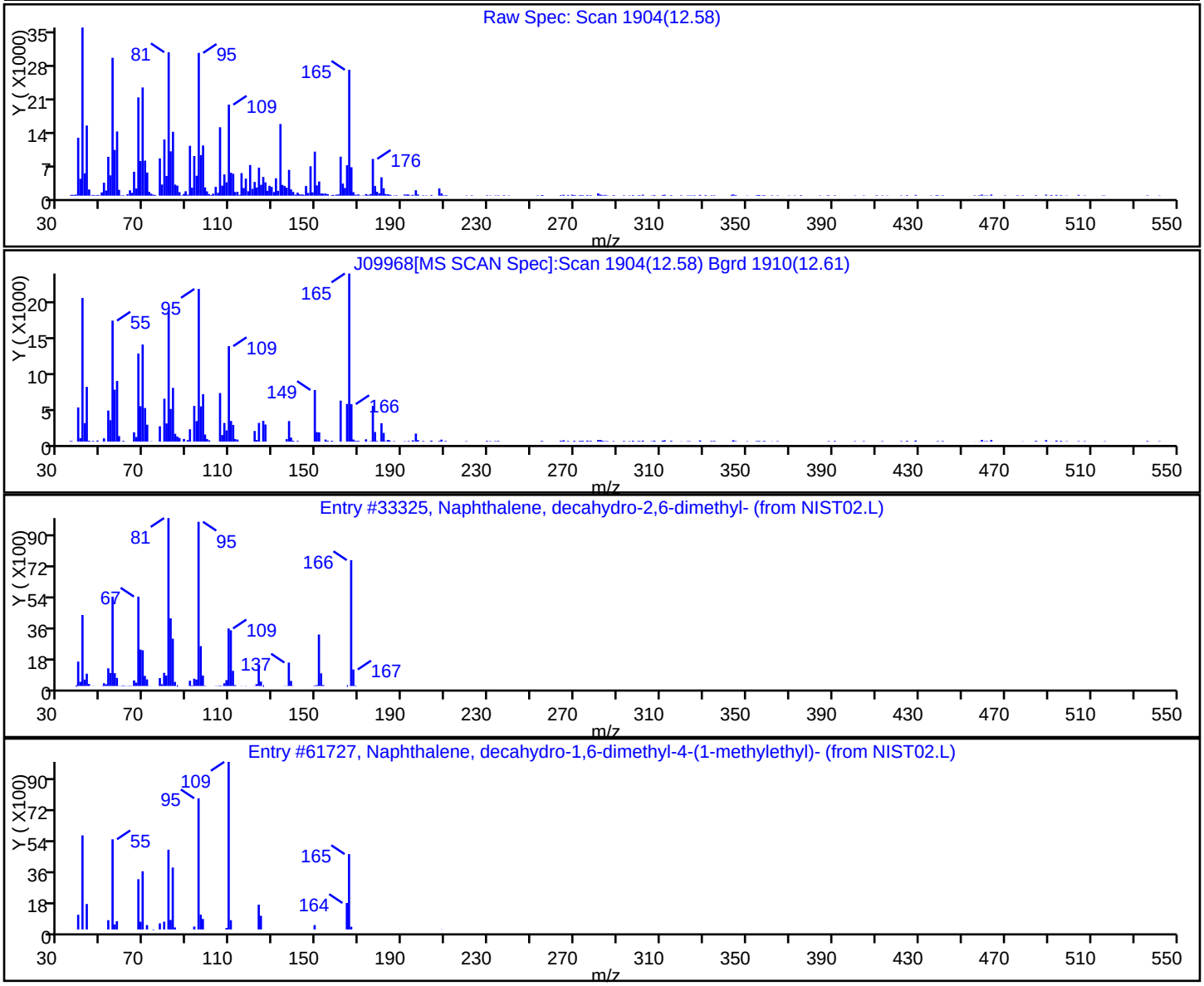
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-2,6-dimethyl-	1618-22-0	NIST02.L	33325	C12H22	166	50
Naphthalene, decahydro-1,6-dimethyl-4-(1	29788-41-8	NIST02.L	61727	C15H28	208	46



Report Date: 14-Mar-2014 08:01:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09968.D

Injection Date: 13-Mar-2014 23:47:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-26-A Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

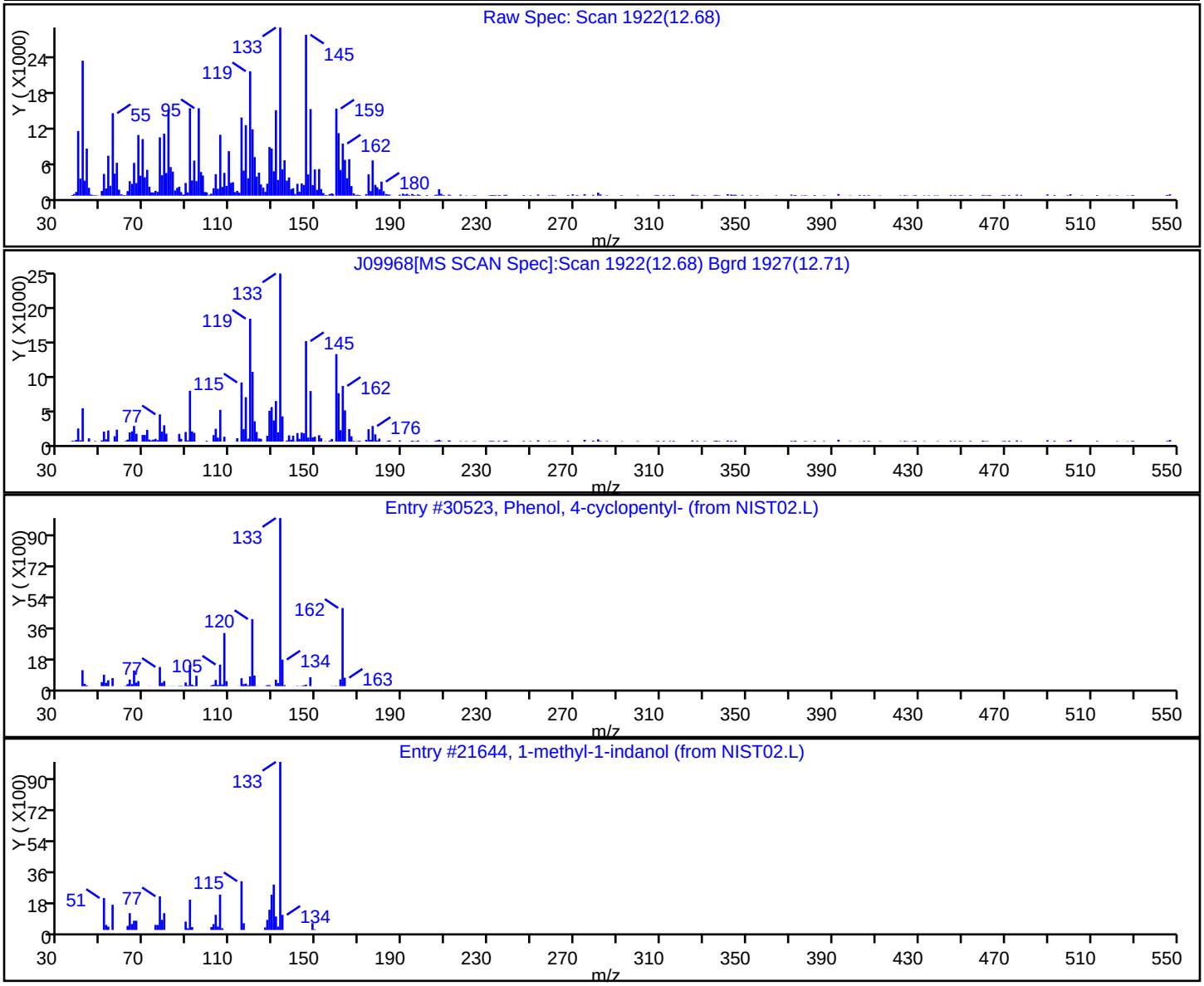
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Phenol, 4-cyclopentyl-	1518-83-8	NIST02.L	30523	C11H14O	162	35
1-methyl-1-indanol	64666-42-8	NIST02.L	21644	C10H12O	148	20



Report Date: 14-Mar-2014 08:01:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09968.D

Injection Date: 13-Mar-2014 23:47:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-26-A Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

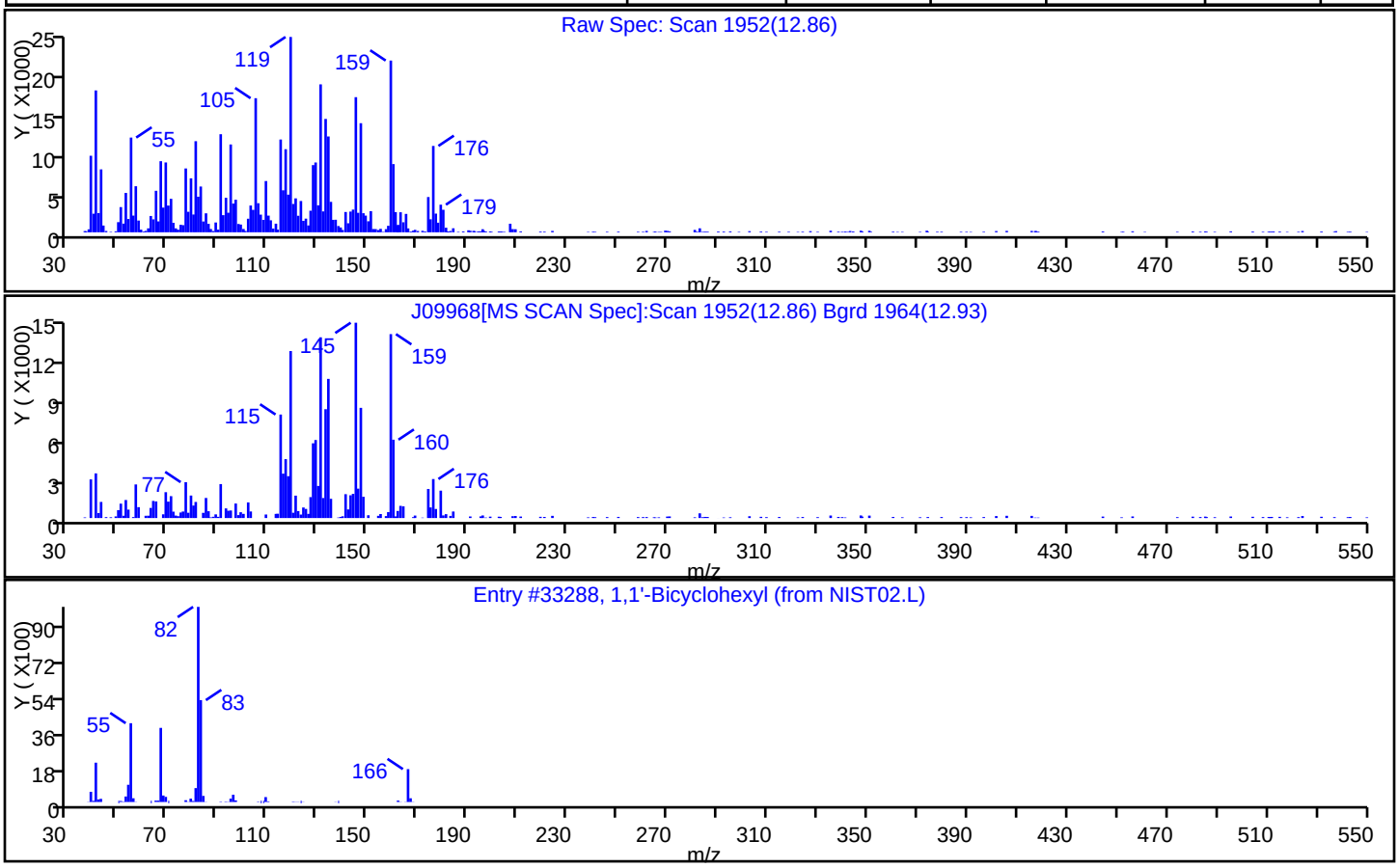
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Bicyclohexyl	92-51-3	NIST02.L	33288	C12H22	166	86



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-SI | Lab Sample ID: 460-72174-27

Matrix: Solid | Lab File ID: D367323.D

Analysis Method: 8260B | Date Collected: 03/06/2014 16:50

Sample wt/vol: 5.299(g) | Date Analyzed: 03/14/2014 00:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.2 | Level: (low/med) Low

Analysis Batch No.: 212478 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.18	U	1.1	0.18
74-83-9	Bromomethane	0.47	U	1.1	0.47
75-01-4	Vinyl chloride	0.37	U	1.1	0.37
75-00-3	Chloroethane	0.36	U	1.1	0.36
75-09-2	Methylene Chloride	0.16	U	1.1	0.16
67-64-1	Acetone	21	B	5.5	1.9
75-15-0	Carbon disulfide	0.16	U	1.1	0.16
75-69-4	Trichlorofluoromethane	0.18	U	1.1	0.18
75-35-4	1,1-Dichloroethene	0.21	U	1.1	0.21
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
156-60-5	trans-1,2-Dichloroethene	0.14	U	1.1	0.14
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
67-66-3	Chloroform	0.26	U	1.1	0.26
78-93-3	2-Butanone	0.69	U	5.5	0.69
107-06-2	1,2-Dichloroethane	0.20	U	1.1	0.20
71-55-6	1,1,1-Trichloroethane	0.14	U	1.1	0.14
56-23-5	Carbon tetrachloride	0.16	U	1.1	0.16
71-43-2	Benzene	0.16	U	1.1	0.16
75-25-2	Bromoform	0.19	U	1.1	0.19
100-42-5	Styrene	0.31	U	1.1	0.31
100-41-4	Ethylbenzene	0.19	U	1.1	0.19
108-90-7	Chlorobenzene	0.20	U	1.1	0.20
110-82-7	Cyclohexane	0.14	U	1.1	0.14
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
591-78-6	2-Hexanone	0.14	U	5.5	0.14
1634-04-4	MTBE	0.12	U	1.1	0.12
76-13-1	Freon TF	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.35	U	5.5	0.35
123-91-1	1,4-Dioxane	14	U	22	14
79-01-6	Trichloroethene	0.13	U	1.1	0.13
108-88-3	Toluene	0.26	J	1.1	0.15
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
108-10-1	4-Methyl-2-pentanone	0.22	U	5.5	0.22
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	0.18	U	1.1	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-SI | Lab Sample ID: 460-72174-27

Matrix: Solid | Lab File ID: D367323.D

Analysis Method: 8260B | Date Collected: 03/06/2014 16:50

Sample wt/vol: 5.299(g) | Date Analyzed: 03/14/2014 00:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.2 | Level: (low/med) Low

Analysis Batch No.: 212478 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.12	U	1.1	0.12
120-82-1	1,2,4-Trichlorobenzene	3.3		1.1	0.21
87-61-6	1,2,3-Trichlorobenzene	1.3		1.1	0.18
78-87-5	1,2-Dichloropropane	0.16	U	1.1	0.16
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
127-18-4	Tetrachloroethene	0.13	U	1.1	0.13
1330-20-7	Xylenes, Total	0.74	U	2.2	0.74
96-12-8	1,2-Dibromo-3-Chloropropane	0.48	U	1.1	0.48
79-34-5	1,1,2,2-Tetrachloroethane	0.099	U	1.1	0.099
79-00-5	1,1,2-Trichloroethane	0.15	U	1.1	0.15
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
106-93-4	1,2-Dibromoethane	0.16	U	1.1	0.16
75-71-8	Dichlorodifluoromethane	0.24	U	1.1	0.24
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.35	U	1.1	0.35

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	Bromofluorobenzene	96		70-130
1868-53-7	Dibromofluoromethane (Surr)	89		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-SI Lab Sample ID: 460-72174-27

Matrix: Solid Lab File ID: D367323.D

Analysis Method: 8260B Date Collected: 03/06/2014 16:50

Sample wt/vol: 5.299(g) Date Analyzed: 03/14/2014 00:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.2 Level: (low/med) Low

Analysis Batch No.: 212478 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 260

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	10.79	30	J
2040-95-1	Cyclopentane, butyl-	11.05	19	J N
17312-82-2	Undecane, 4,6-dimethyl-	11.18	29	J N
161395-29-5	(+)-3-Carene, 4-isopropenyl-	11.32	29	J N
	Unknown	11.70	24	J
31295-56-4	Dodecane, 2,6,11-trimethyl-	11.90	33	J N
629-59-4	Tetradecane	12.03	18	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	12.30	18	J N
6975-98-0	Decane, 2-methyl-	12.58	43	J N
629-50-5	Tridecane	12.89	17	J N

Report Date: 15-Mar-2014 14:29:12 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367323.D
Lims ID: 460-72174-B-27-A Lab Sample ID: 460-72174-27
Client ID: PMP-28SW-SI
Sample Type: Client
Inject. Date: 14-Mar-2014 00:47:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-27-A
Misc. Info.: 460-0010833-016
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 14:27:03 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: baronm Date: 15-Mar-2014 14:29:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	2.413	2.413	0.0	75	9287	18.9	
* 151 TBA-d9 (IS)	65	2.606	2.635	-0.029	60	98895	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.692	3.699	-0.007	90	83606	44.6	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.143	4.146	-0.003	94	72799	44.5	
* 59 Fluorobenzene	96	4.403	4.410	-0.007	87	426872	50.0	
* 150 1,4-Dioxane-d8	96	5.371	5.377	-0.006	1	6204	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.072	6.075	-0.003	90	389997	44.9	
77 Toluene	91	6.130	6.133	-0.003	63	3071	0.2395	
* 87 Chlorobenzene-d5	117	7.773	7.776	-0.003	86	251642	50.0	
92 o-Xylene	106	8.368	8.364	0.004	88	1999	0.3997	M
$ 99 4-Bromofluorobenzene	174	8.859	8.856	0.003	81	82324	47.9	
* 116 1,4-Dichlorobenzene-d4	152	9.721	9.721	0.0	89	116891	50.0	
124 1,2,4-Trichlorobenzene	180	11.091	11.091	0.0	72	10190	3.04	
128 1,2,3-Trichlorobenzene	180	11.445	11.448	-0.003	22	3412	1.21	
S 131 Xylenes, Total	100				0		0.3997	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367323.D
Lims ID: 460-72174-B-27-A Lab Sample ID: 460-72174-27
Client ID: PMP-28SW-SI
Sample Type: Client
Inject. Date: 14-Mar-2014 00:47:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-27-A
Misc. Info.: 460-0010833-016
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 14:27:03 Calib Date: 12-Mar-2014 20:41:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 40

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: baronm Date: 15-Mar-2014 14:29:12

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
10.789	401968	27.5	116					
	2040-95-1	Cyclopentane, butyl-						
11.049	248025	17.0	116	70	11169	C9H18	126	
	17312-82-2	Undecane, 4,6-dimethyl-						
11.184	389254	26.6	116	72	45578	C13H28	184	
	161395-29-5	(+)-3-Carene, 4-isopropenyl-						
11.322	381147	26.1	116	83	39993	C13H20	176	
		Unknown						
11.702	315716	21.6	116					
	31295-56-4	Dodecane, 2,6,11-trimethyl-						
11.898	437690	30.0	116	86	64586	C15H32	212	
	629-59-4	Tetradecane						
12.027	244309	16.7	116	93	55009	C14H30	198	
	80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal						
12.300	238016	16.3	116	90	61716	C15H28	208	
	6975-98-0	Decane, 2-methyl-						
12.583	576143	39.4	116	90	27131	C11H24	156	
	629-50-5	Tridecane						
12.885	227744	15.6	116	90	45541	C13H28	184	

Report Date: 15-Mar-2014 14:29:12 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367323.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	9.721	730632	50.0

QC Flag Legend

Processing Flags

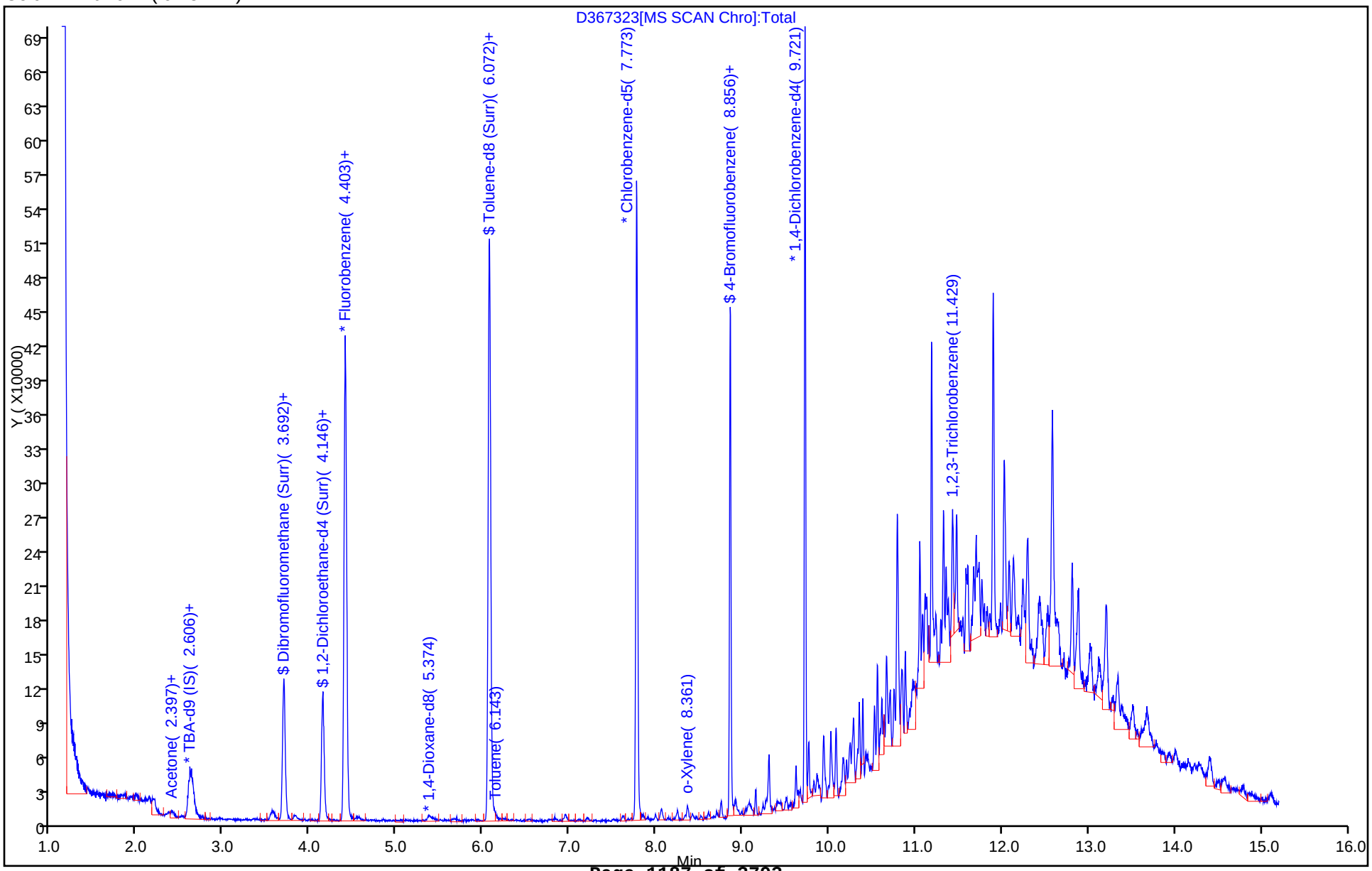
Report Date: 15-Mar-2014 14:29:12 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367323.D

Injection Date:	14-Mar-2014 00:47:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-B-27-A	Lab Sample ID:	460-72174-27	Worklist Smp#:	16
Client ID:	PMP-28SW-SI				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)

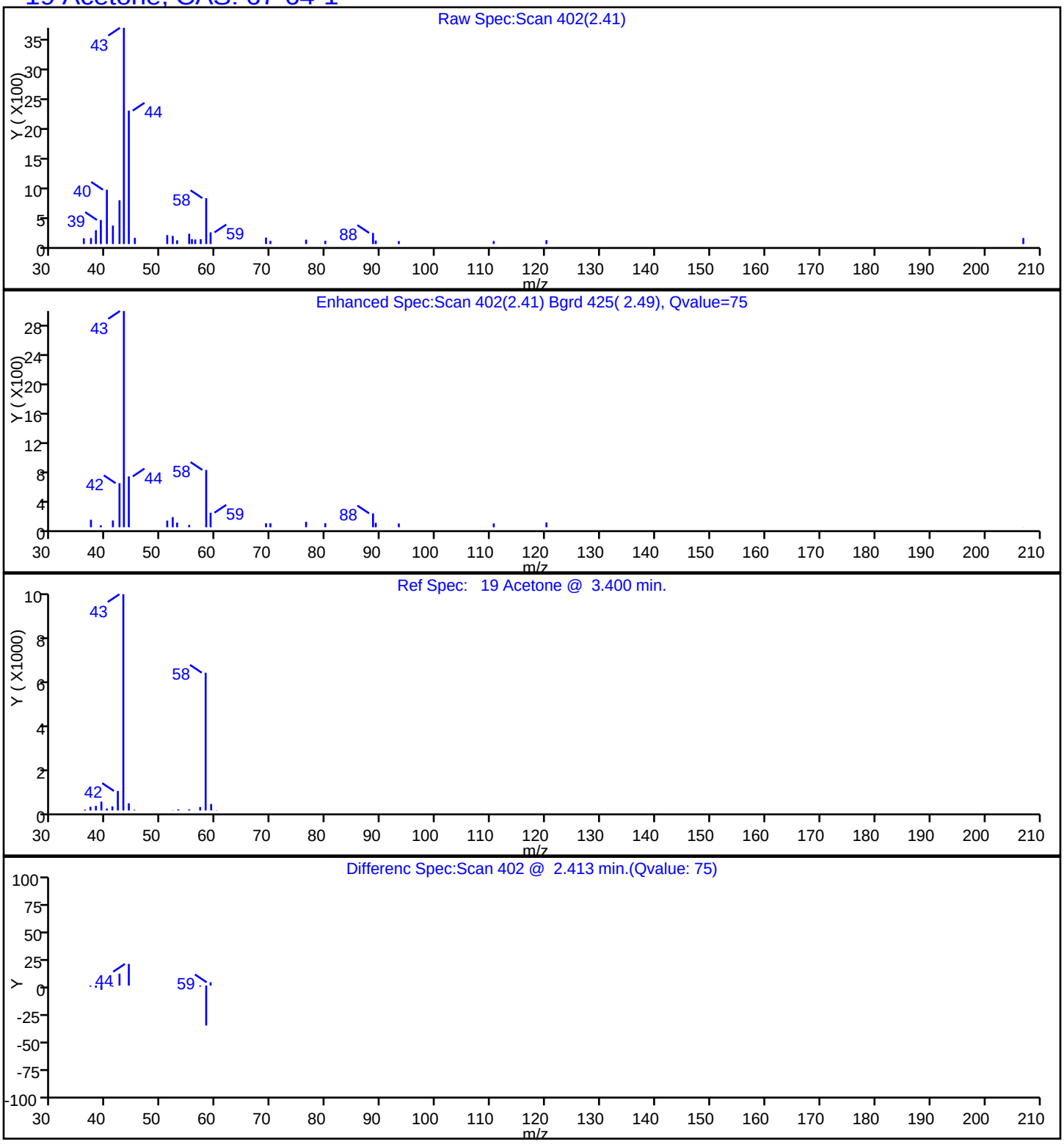


Report Date: 15-Mar-2014 14:29:12 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367323.D				
Injection Date:	14-Mar-2014 00:47:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-27-A	Lab Sample ID:	460-72174-27		
Client ID:	PMP-28SW-SI				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

19 Acetone, CAS: 67-64-1



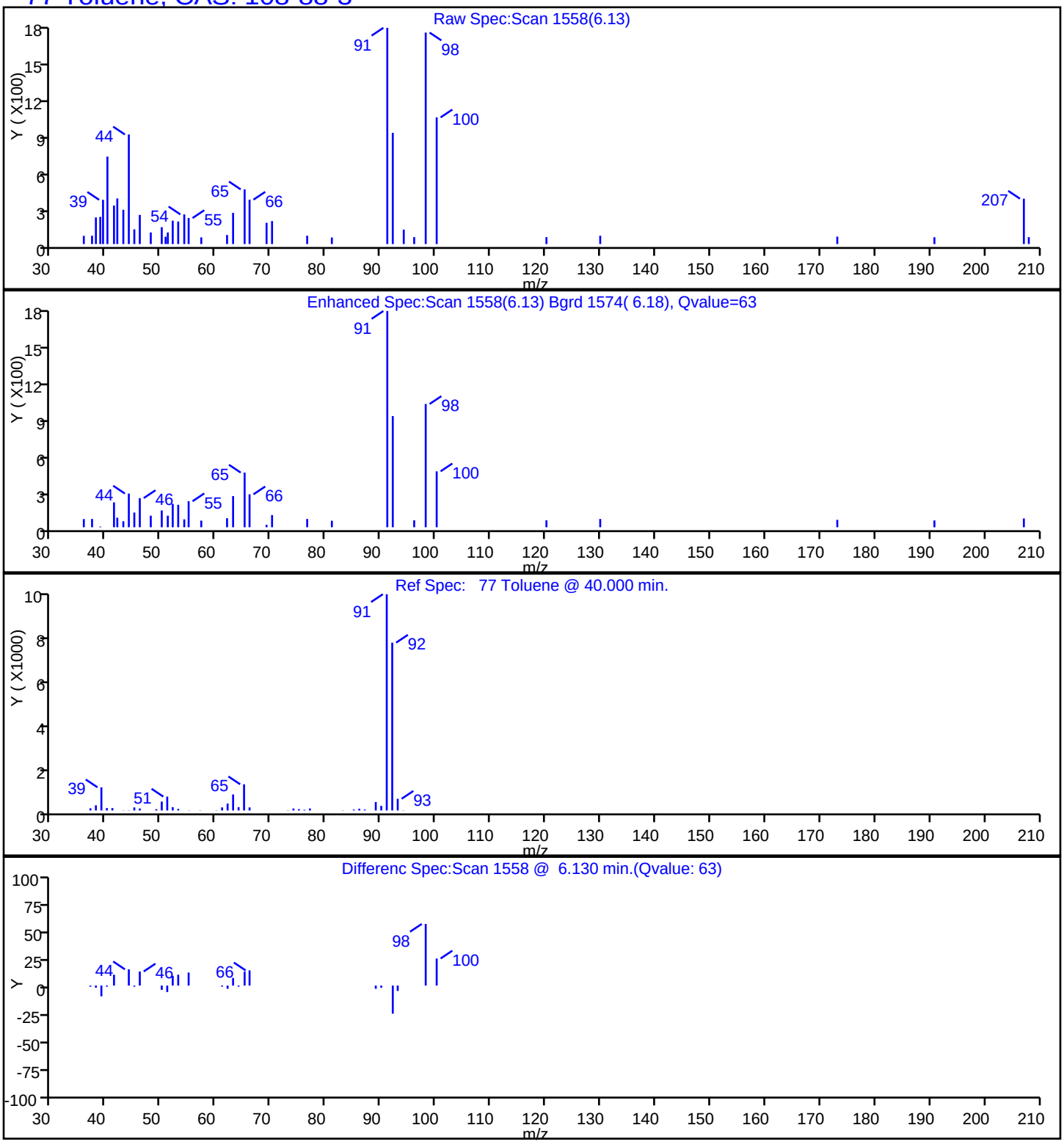
Report Date: 15-Mar-2014 14:29:12 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367323.D

Injection Date:	14-Mar-2014 00:47:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-27-A	Lab Sample ID:	460-72174-27		
Client ID:	PMP-28SW-SI				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

77 Toluene, CAS: 108-88-3



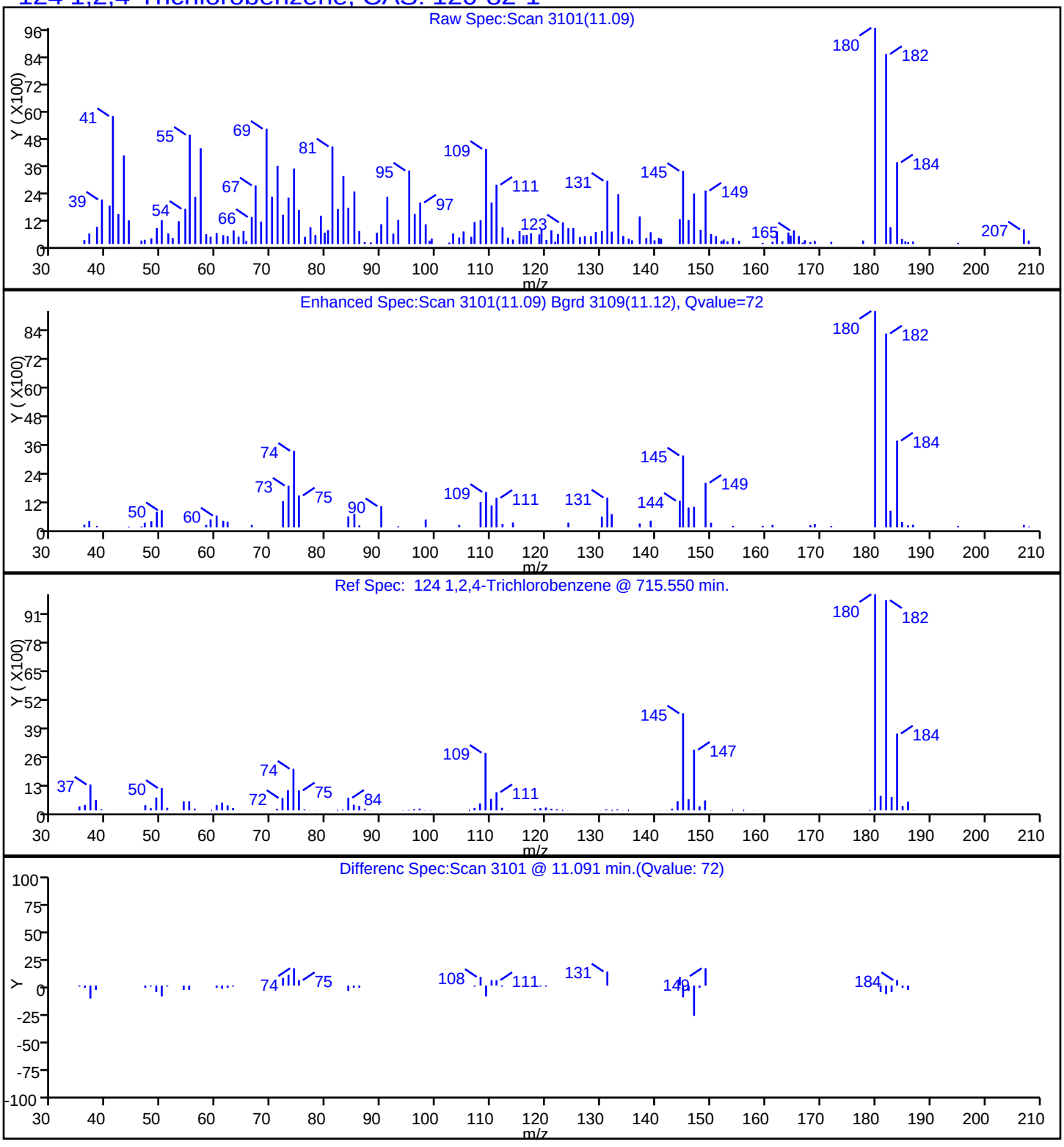
Report Date: 15-Mar-2014 14:29:12 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367323.D

Injection Date:	14-Mar-2014 00:47:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-27-A	Lab Sample ID:	460-72174-27		
Client ID:	PMP-28SW-SI				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1

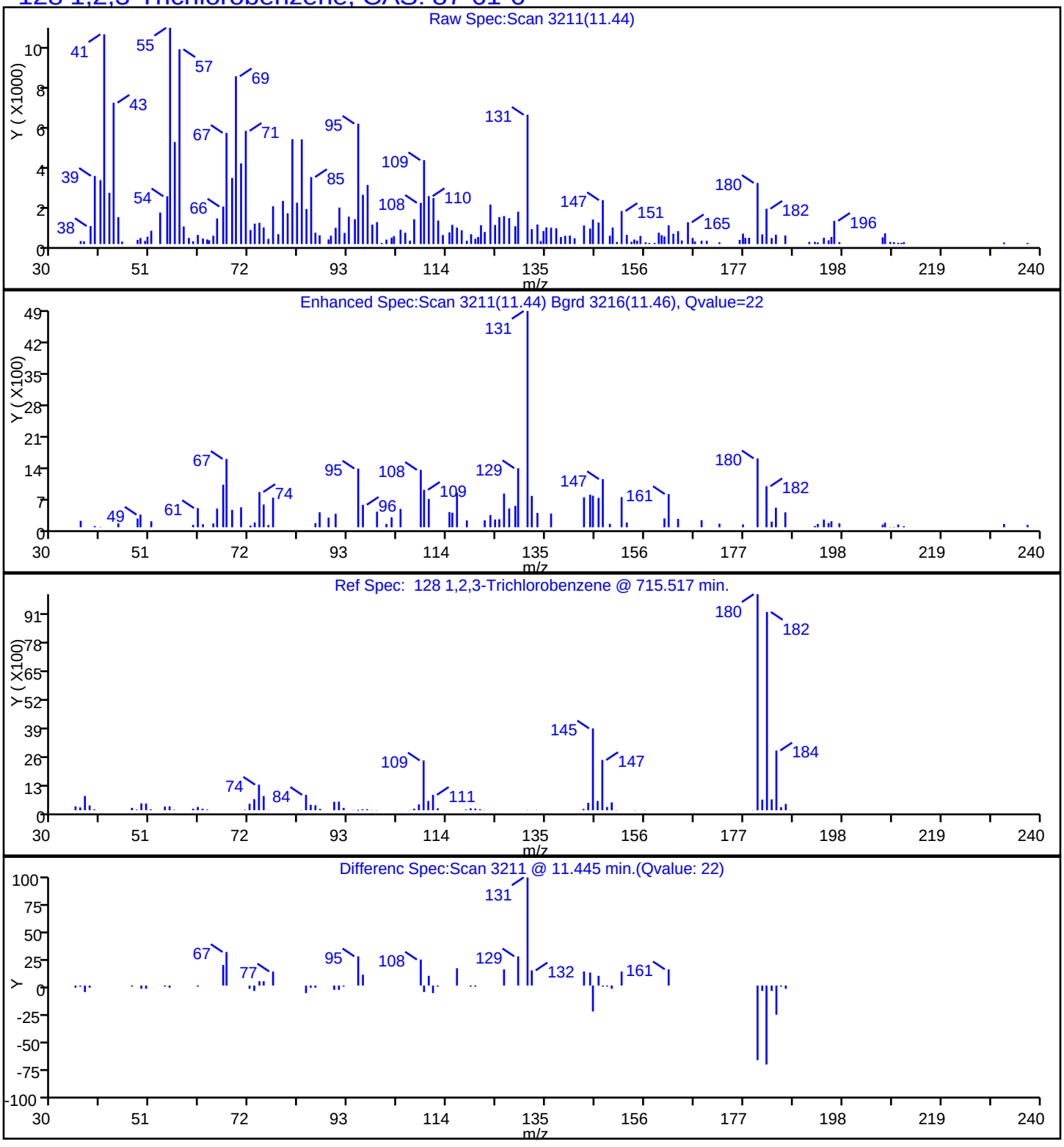


Report Date: 15-Mar-2014 14:29:12 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367323.D				
Injection Date:	14-Mar-2014 00:47:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-27-A	Lab Sample ID:	460-72174-27		
Client ID:	PMP-28SW-SI				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



Manual Integration/User Assign Peak Report

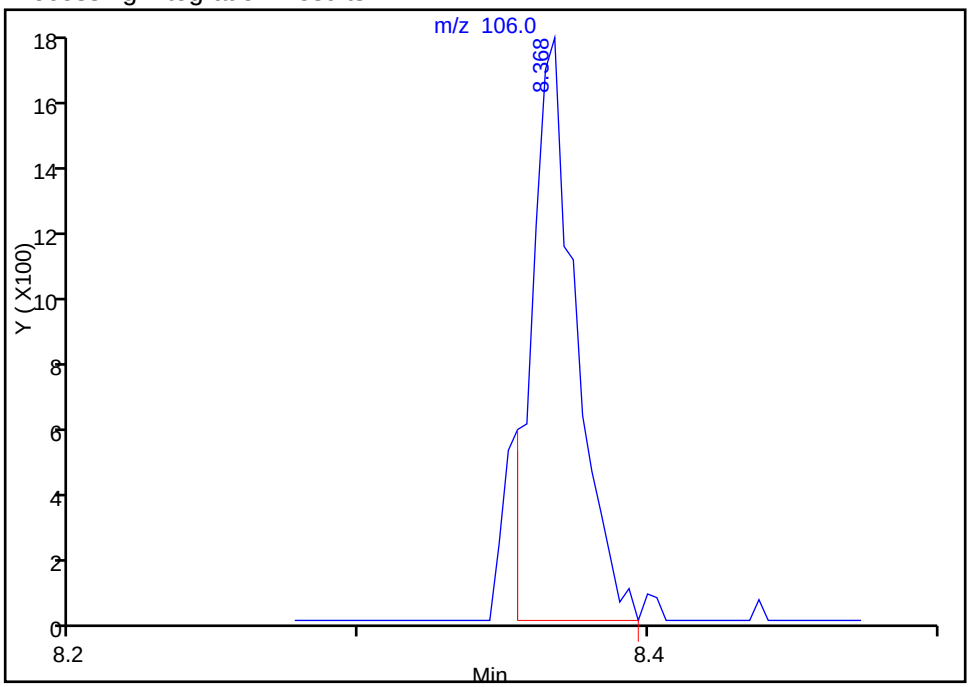
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367323.D		
Injection Date:	14-Mar-2014 00:47:30	Instrument ID:	CVOAMS4
Lims ID:	460-72174-B-27-A	Lab Sample ID:	460-72174-27
Client ID:	PMP-28SW-SI		
Operator ID:		ALS Bottle#:	15 Worklist Smp#: 16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

92 o-Xylene, CAS: 95-47-6

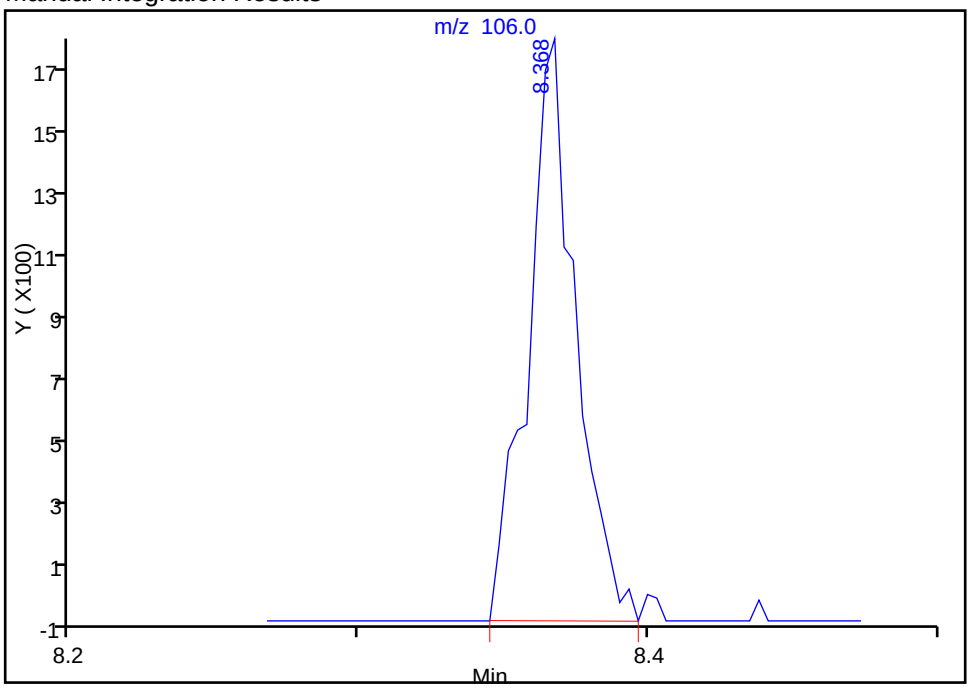
Processing Integration Results

RT: 8.37
Response: 1858
Amount: 0.371524



Manual Integration Results

RT: 8.37
Response: 1999
Amount: 0.399719



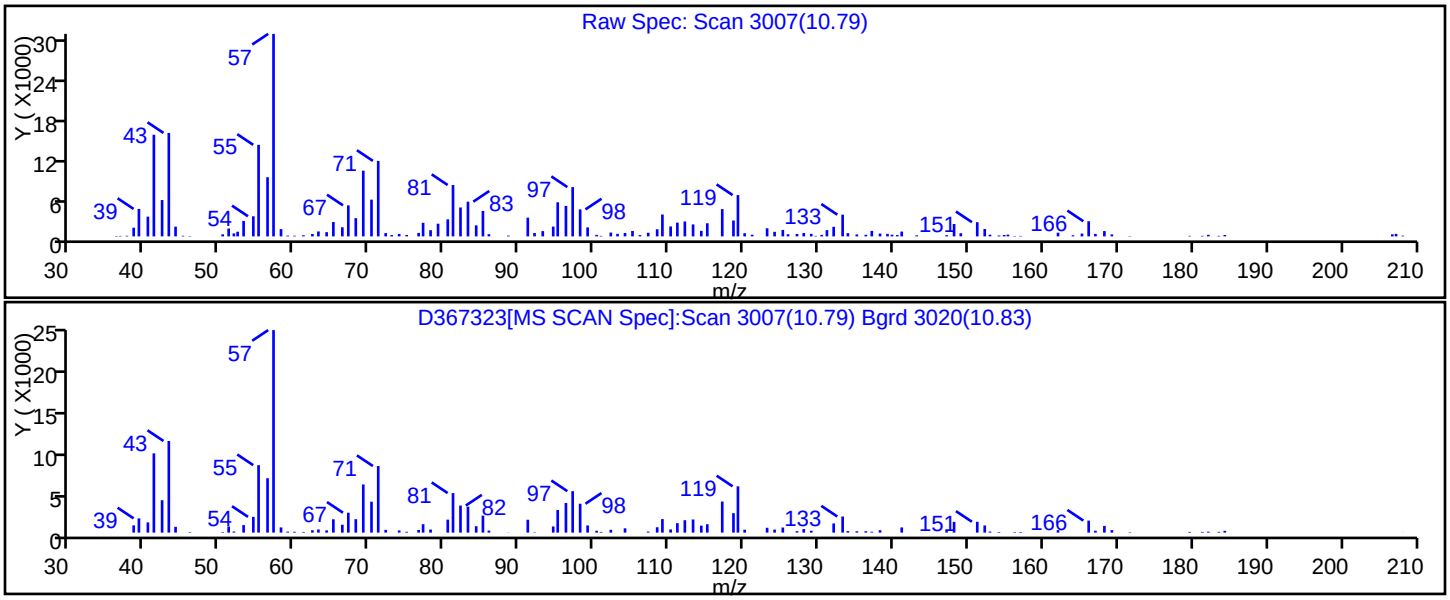
Reviewer: baronm, 15-Mar-2014 14:12:53
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Report Date: 15-Mar-2014 14:29:12 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367323.D

Injection Date:	14-Mar-2014 00:47:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-27-A	Lab Sample ID:	460-72174-27		
Client ID:	PMP-28SW-SI				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Solution:	No Library Matches Found above the Threshold: 40	Detector	MS SCAN		



Report Date: 15-Mar-2014 14:29:12 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367323.D

Injection Date: 14-Mar-2014 00:47:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-27-A Lab Sample ID: 460-72174-27

Client ID: PMP-28SW-SI

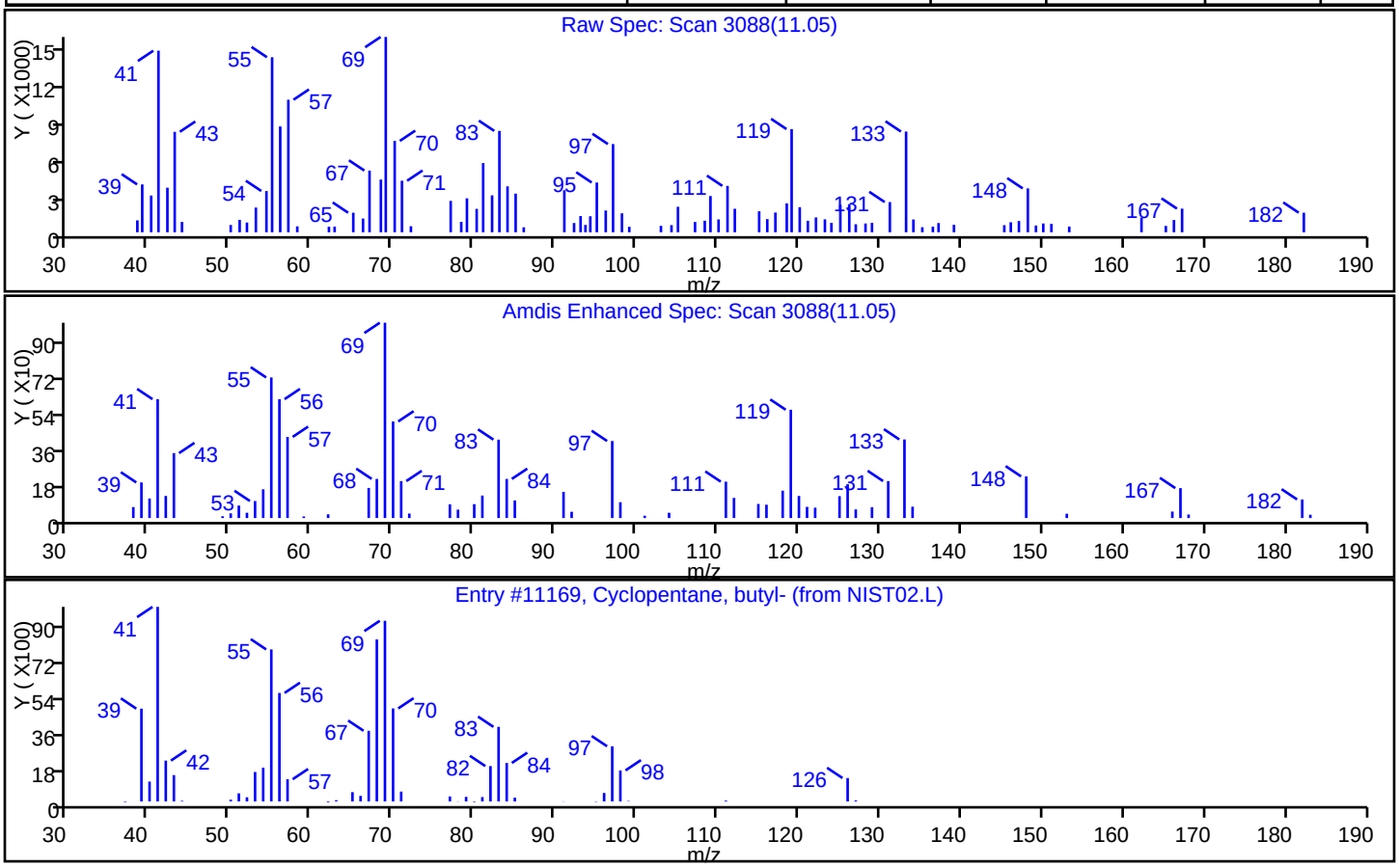
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclopentane, butyl-	2040-95-1	NIST02.L	11169	C9H18	126	70



Report Date: 15-Mar-2014 14:29:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367323.D

Injection Date: 14-Mar-2014 00:47:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-27-A Lab Sample ID: 460-72174-27

Client ID: PMP-28SW-SI

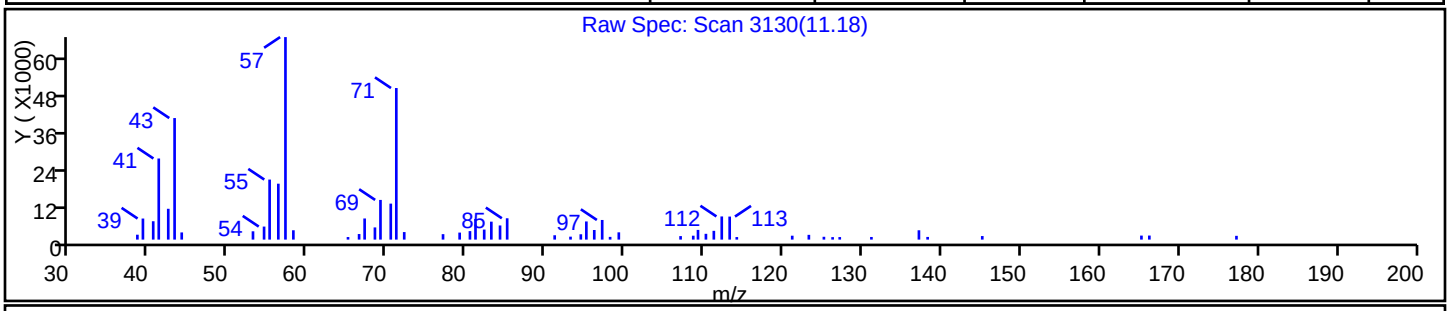
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16

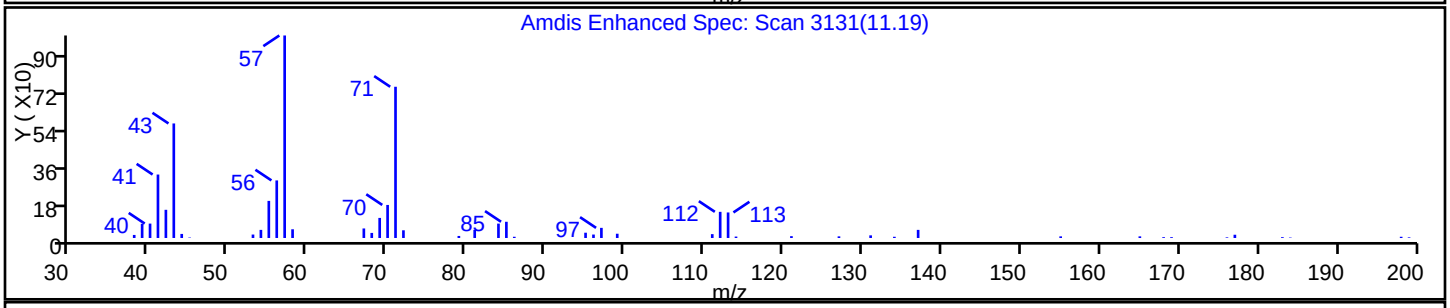
Purge Vol: 5.000 mL Dil. Factor: 1.0000

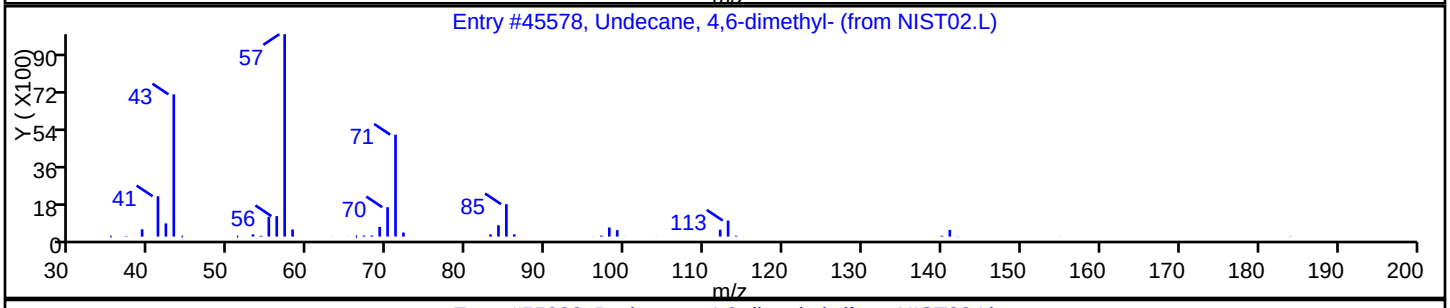
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

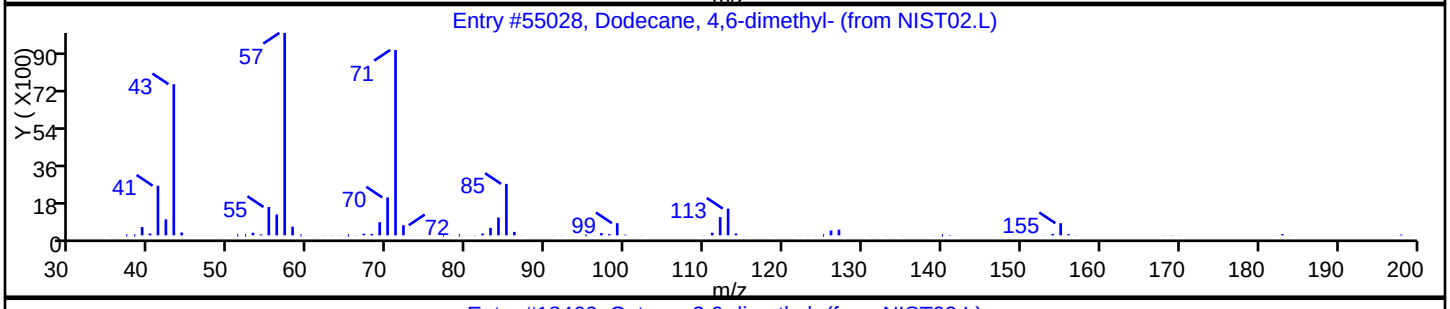
Column: Detector MS SCAN

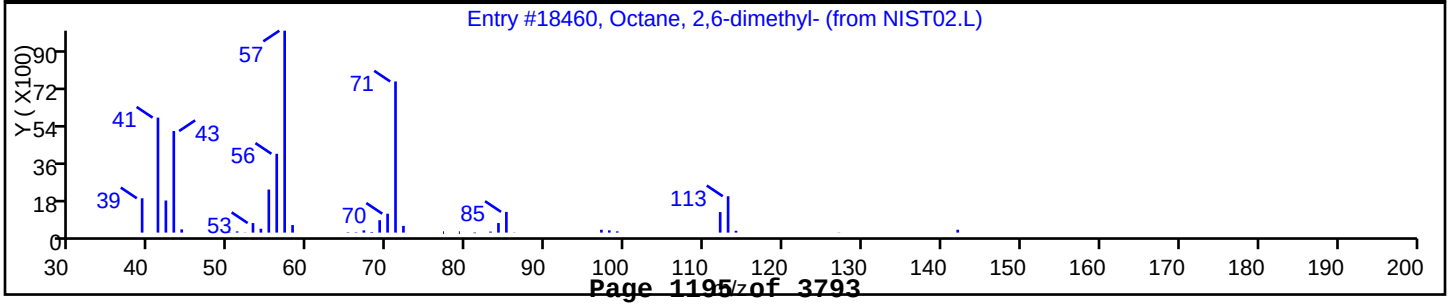
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.L	45578	C13H28	184	72
Dodecane, 4,6-dimethyl-	61141-72-8	NIST02.L	55028	C14H30	198	72
Octane, 2,6-dimethyl-	2051-30-1	NIST02.L	18460	C10H22	142	72











Report Date: 15-Mar-2014 14:29:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367323.D

Injection Date: 14-Mar-2014 00:47:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-27-A Lab Sample ID: 460-72174-27

Client ID: PMP-28SW-SI

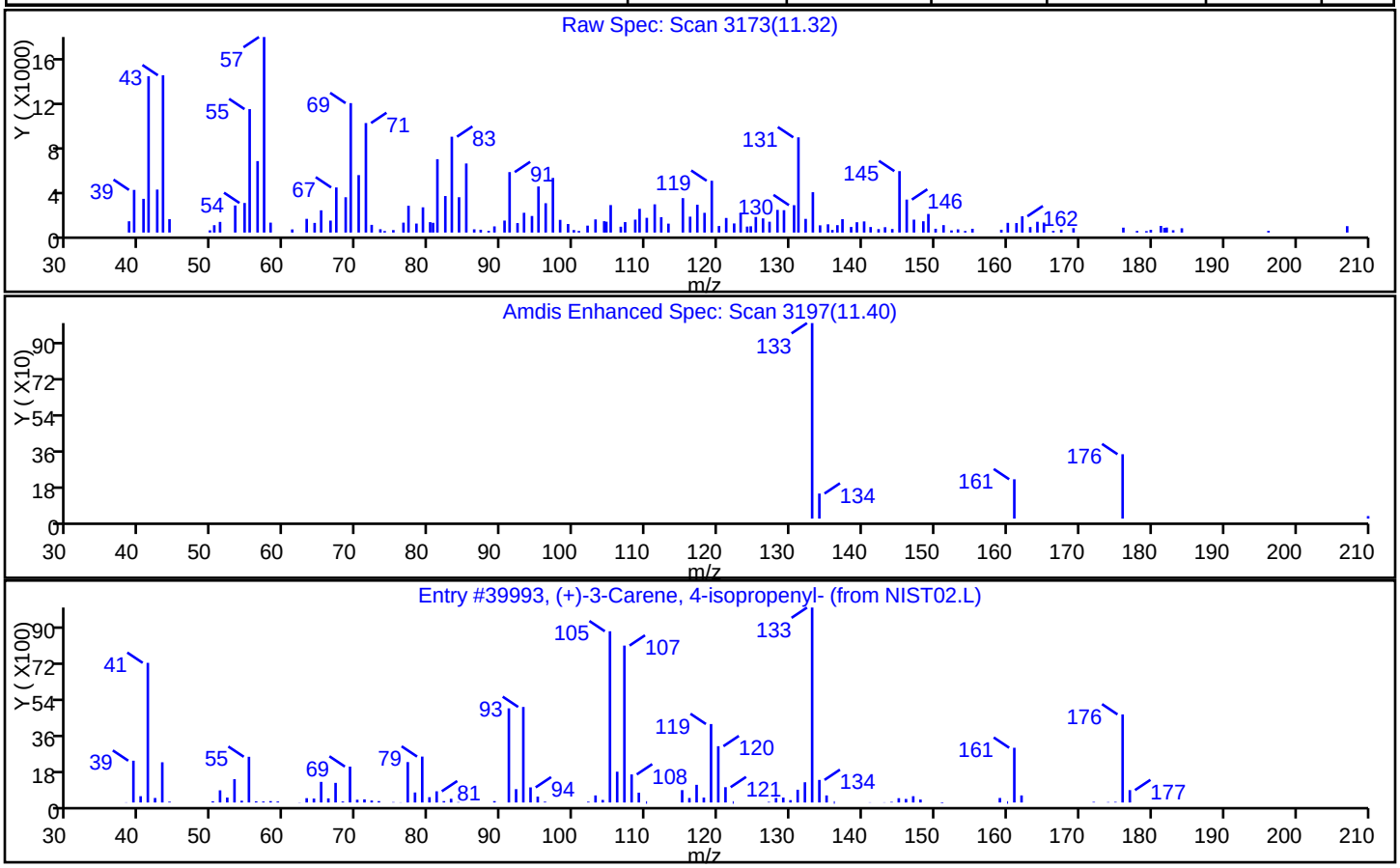
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
(+)-3-Carene, 4-isopropenyl-	161395-29-5	NIST02.L	39993	C13H20	176	83



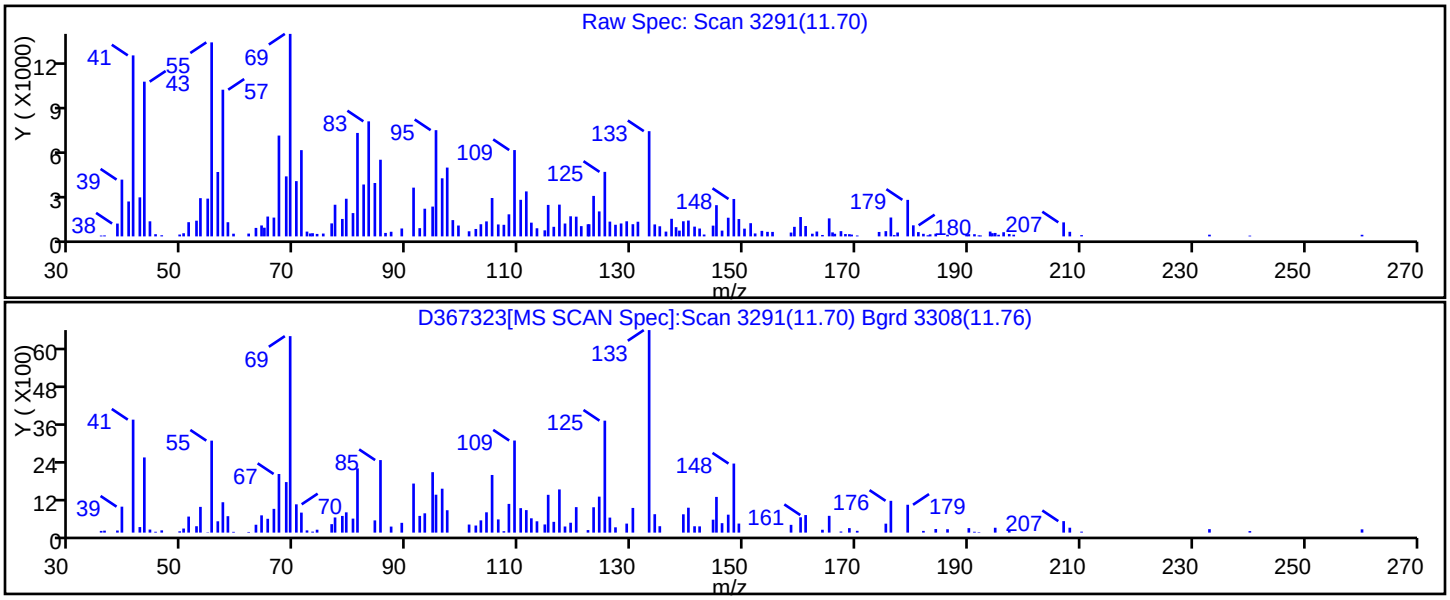
Report Date: 15-Mar-2014 14:29:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367323.D

Injection Date:	14-Mar-2014 00:47:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-27-A	Lab Sample ID:	460-72174-27		
Client ID:	PMP-28SW-SI				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 40



Report Date: 15-Mar-2014 14:29:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367323.D

Injection Date: 14-Mar-2014 00:47:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-27-A Lab Sample ID: 460-72174-27

Client ID: PMP-28SW-SI

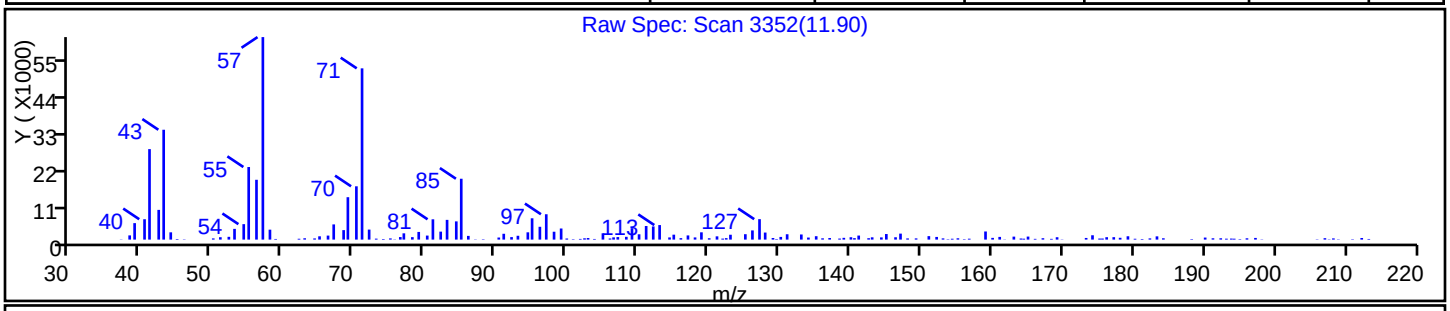
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16

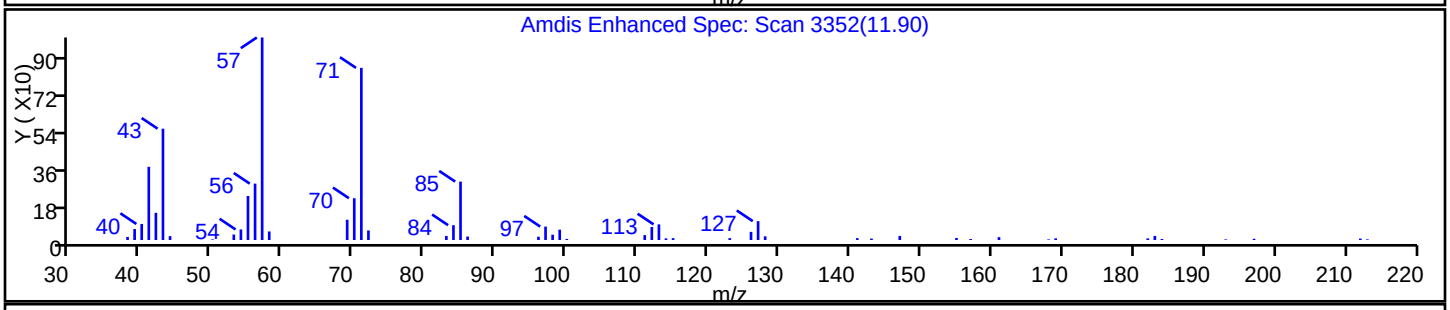
Purge Vol: 5.000 mL Dil. Factor: 1.0000

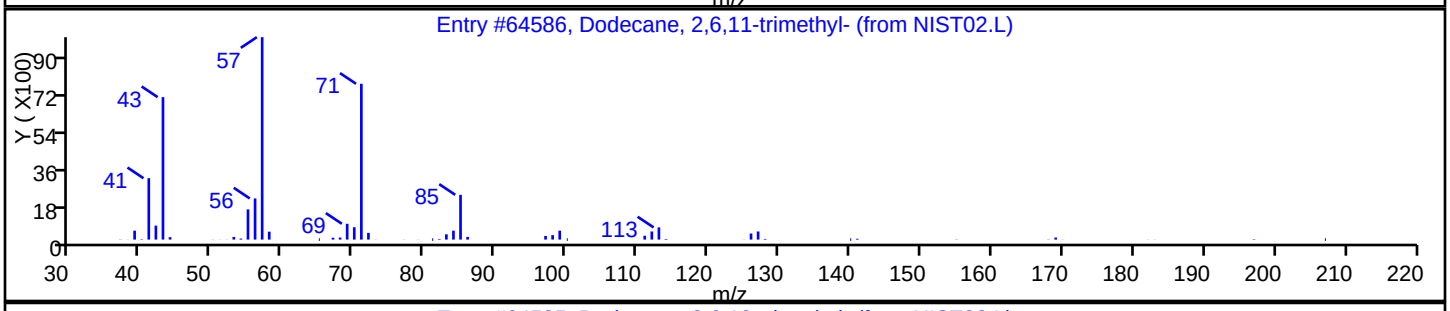
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

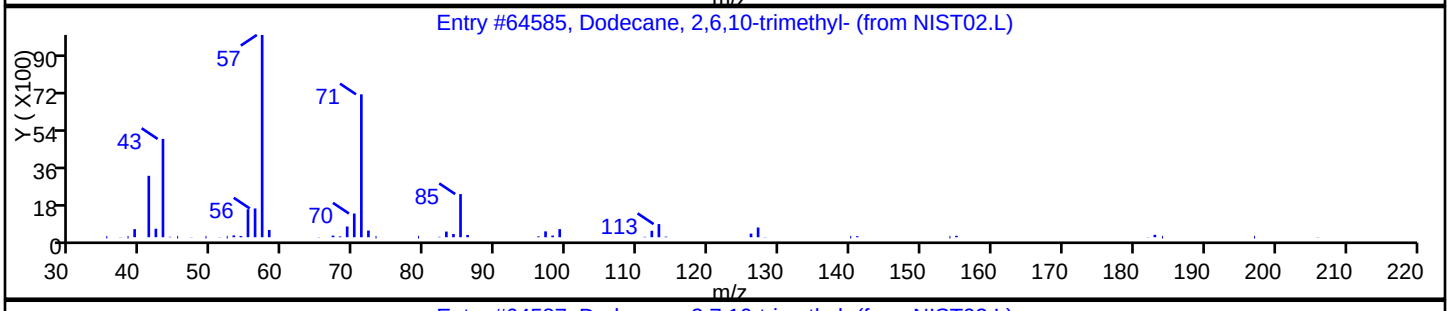
Column: Detector MS SCAN

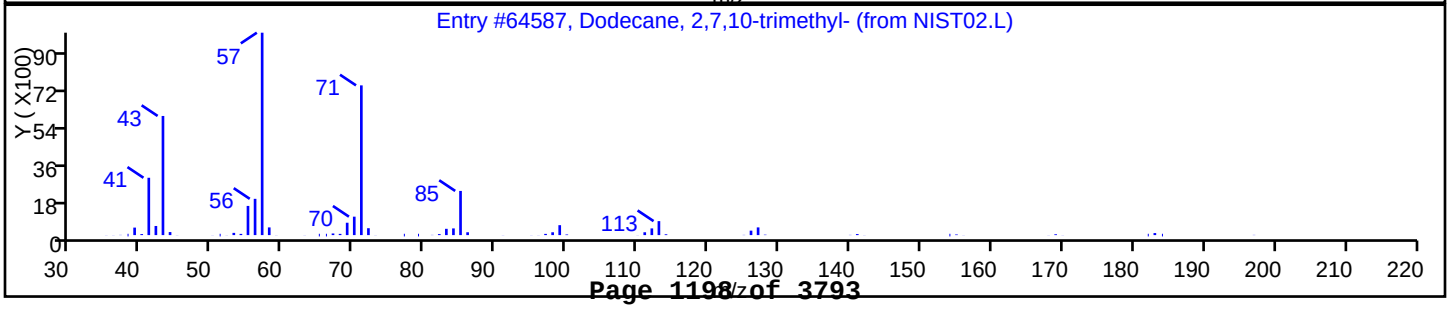
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64586	C15H32	212	86
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64585	C15H32	212	86
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	80











Report Date: 15-Mar-2014 14:29:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367323.D

Injection Date: 14-Mar-2014 00:47:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-27-A Lab Sample ID: 460-72174-27

Client ID: PMP-28SW-SI

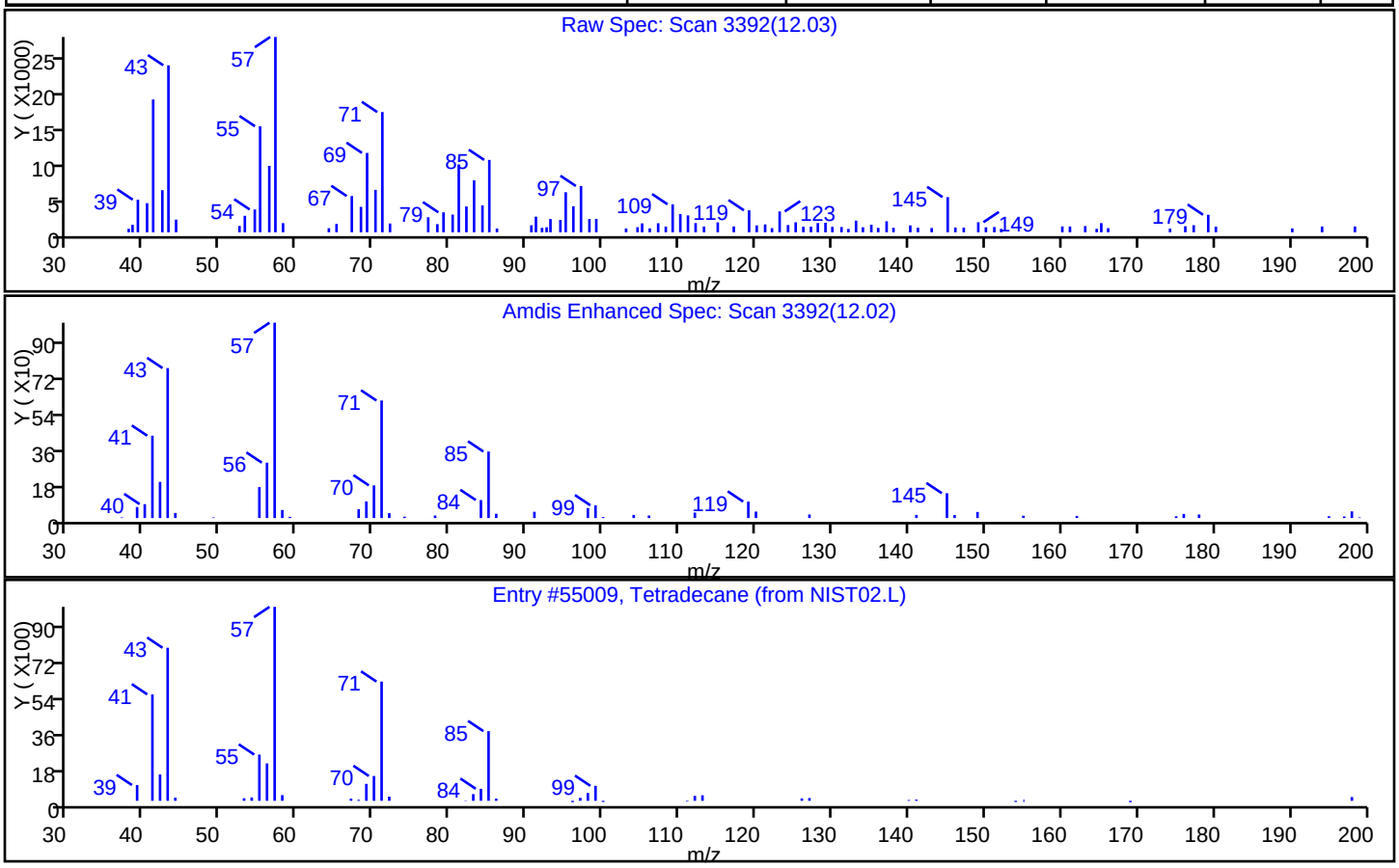
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetradecane	629-59-4	NIST02.L	55009	C14H30	198	93



Report Date: 15-Mar-2014 14:29:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367323.D

Injection Date: 14-Mar-2014 00:47:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-27-A Lab Sample ID: 460-72174-27

Client ID: PMP-28SW-SI

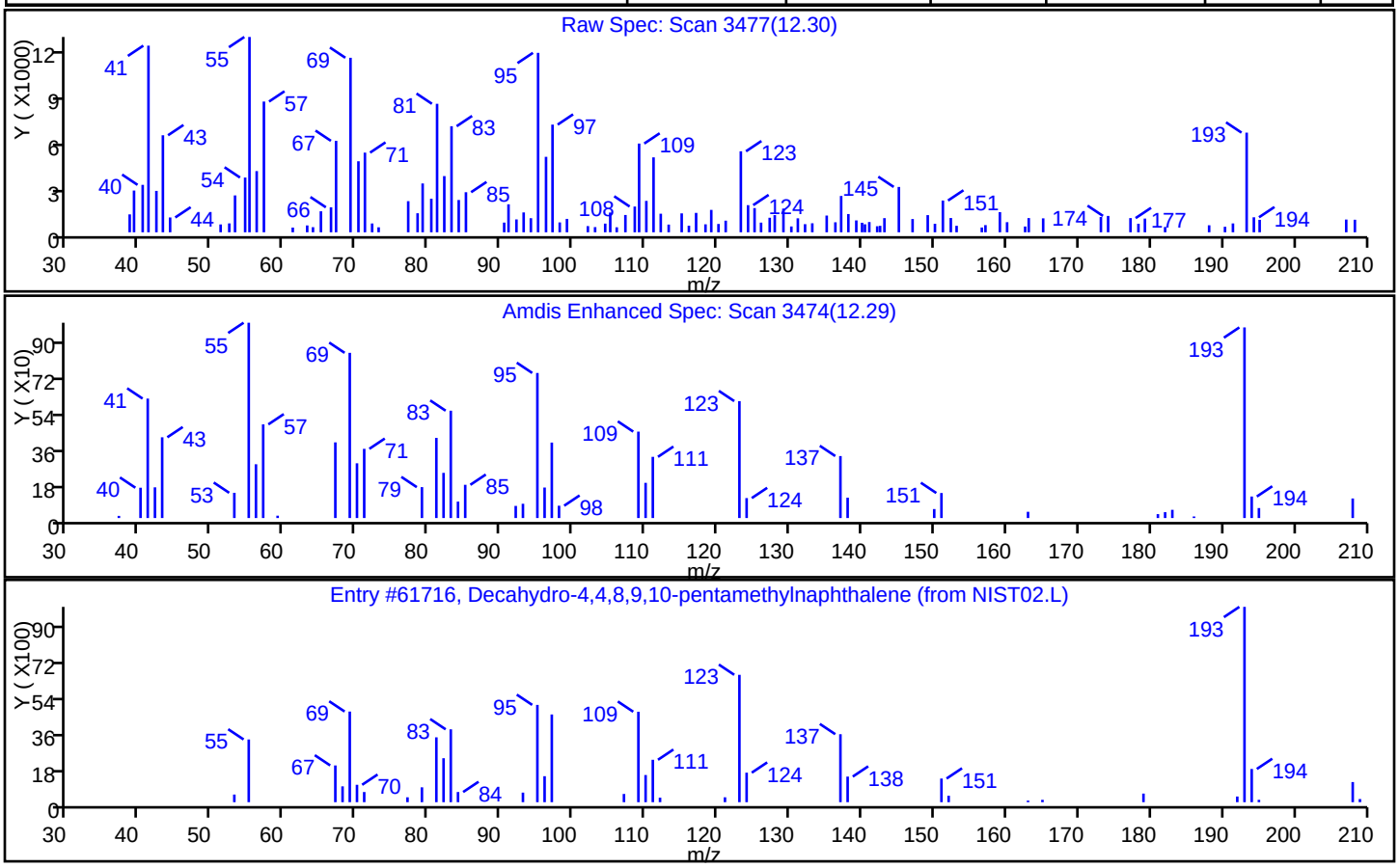
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	C15H28	208	90



Report Date: 15-Mar-2014 14:29:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367323.D

Injection Date: 14-Mar-2014 00:47:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-27-A Lab Sample ID: 460-72174-27

Client ID: PMP-28SW-SI

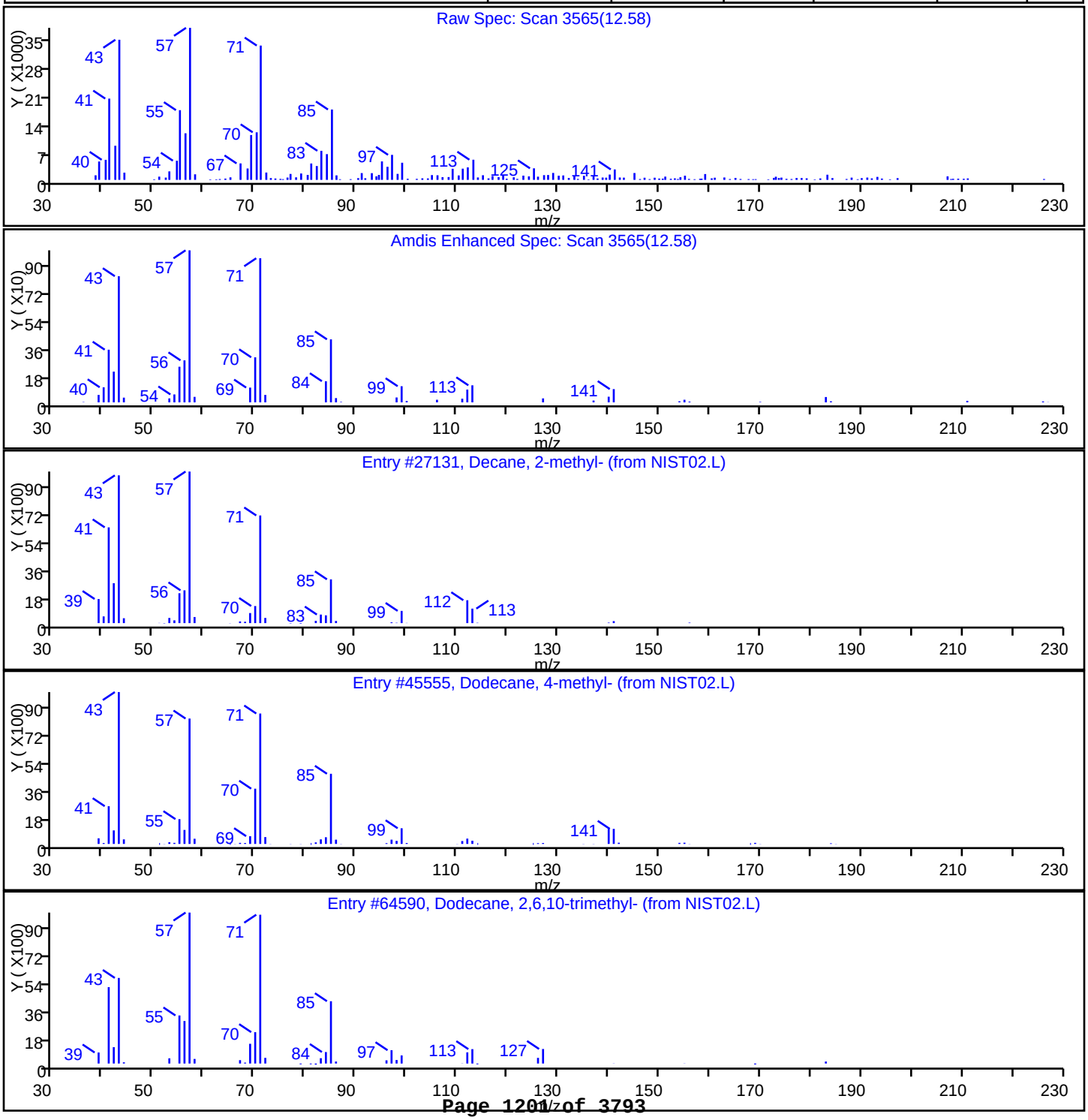
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decane, 2-methyl-	6975-98-0	NIST02.L	27131	C11H24	156	90
Dodecane, 4-methyl-	6117-97-1	NIST02.L	45555	C13H28	184	81
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	C15H32	212	78



Report Date: 15-Mar-2014 14:29:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367323.D

Injection Date: 14-Mar-2014 00:47:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-27-A Lab Sample ID: 460-72174-27

Client ID: PMP-28SW-SI

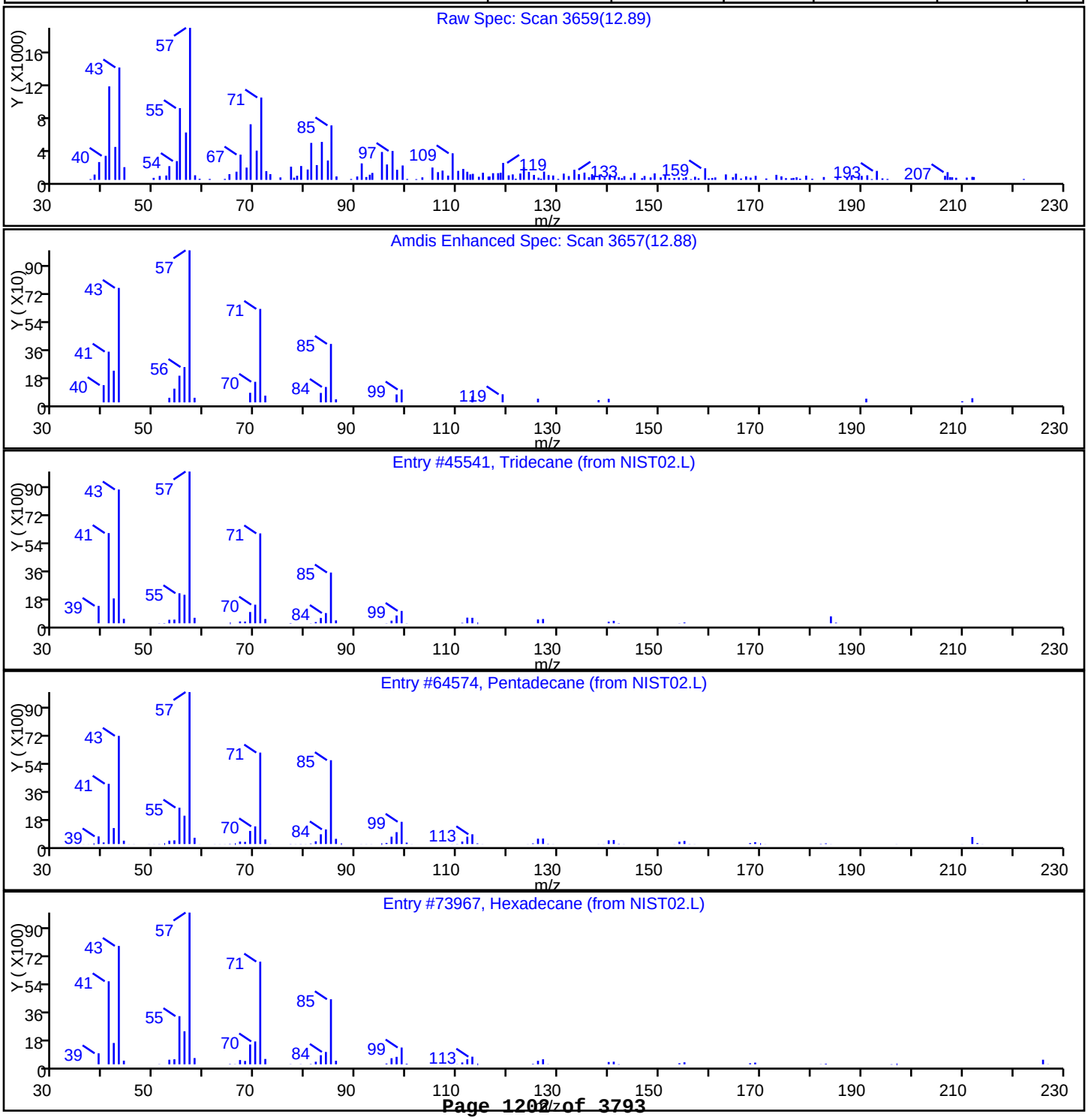
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tridecane	629-50-5	NIST02.L	45541	C13H28	184	90
Pentadecane	629-62-9	NIST02.L	64574	C15H32	212	83
Hexadecane	544-76-3	NIST02.L	73967	C16H34	226	78



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: FB-030614 | Lab Sample ID: 460-72174-28

Matrix: Water | Lab File ID: A00584.D

Analysis Method: 8260B | Date Collected: 03/06/2014 18:15

Sample wt/vol: 5(mL) | Date Analyzed: 03/14/2014 09:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212557 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.10	U	1.0	0.10
74-83-9	Bromomethane	0.18	U	1.0	0.18
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
67-66-3	Chloroform	0.080	U	1.0	0.080
78-93-3	2-Butanone	2.3	U	5.0	2.3
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.080	U	1.0	0.080
75-25-2	Bromoform	0.19	U	1.0	0.19
100-42-5	Styrene	0.12	U	1.0	0.12
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
110-82-7	Cyclohexane	0.16	U	1.0	0.16
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
591-78-6	2-Hexanone	0.50	U	5.0	0.50
1634-04-4	MTBE	0.14	U	1.0	0.14
76-13-1	Freon TF	0.080	U	1.0	0.080
79-20-9	Methyl acetate	0.34	U	5.0	0.34
123-91-1	1,4-Dioxane	36	U	50	36
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24
108-10-1	4-Methyl-2-pentanone	0.99	U	5.0	0.99
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: FB-030614 | Lab Sample ID: 460-72174-28

Matrix: Water | Lab File ID: A00584.D

Analysis Method: 8260B | Date Collected: 03/06/2014 18:15

Sample wt/vol: 5(mL) | Date Analyzed: 03/14/2014 09:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212557 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	0.51	U *	1.0	0.51
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
1330-20-7	Xylenes, Total	0.13	U	2.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
124-48-1	Dibromochloromethane	0.20	U	1.0	0.20
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.27	U	1.0	0.27
75-27-4	Bromodichloromethane	0.12	U	1.0	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	100		70-130
1868-53-7	Dibromofluoromethane (Surr)	105		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: FB-030614 Lab Sample ID: 460-72174-28

Matrix: Water Lab File ID: A00584.D

Analysis Method: 8260B Date Collected: 03/06/2014 18:15

Sample wt/vol: 5(mL) Date Analyzed: 03/14/2014 09:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 212557 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Report Date: 14-Mar-2014 09:28:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS1\20140314-10853.b\A00584.D
Lims ID: 460-72174-B-28 Lab Sample ID: 460-72174-28
Client ID: FB-030614
Sample Type: Client
Inject. Date: 14-Mar-2014 09:02:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-28
Misc. Info.: 460-0010853-008
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\EDICHROM\ChromData\CVOAMS1\20140314-10853.b\8260624W_1.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 09:28:03 Calib Date: 11-Mar-2014 13:55:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS1\20140311-10690.b\A00422.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK004

First Level Reviewer: moroneyc Date: 14-Mar-2014 09:27:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.581	3.581	0.0	55	279636	1000.0	
$ 52 Dibromofluoromethane (Surr)	113	4.947	4.947	0.0	52	176708	52.6	
$ 56 1,2-Dichloroethane-d4 (Surr)	65	5.233	5.233	0.0	41	200456	52.2	
* 62 Fluorobenzene	96	5.441	5.447	-0.006	98	618785	50.0	
* 69 1,4-Dioxane-d8	96	6.020	6.008	0.012	1	22119	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.812	6.812	0.0	99	630749	49.3	
* 90 Chlorobenzene-d5	117	7.910	7.910	0.0	85	394873	50.0	
$ 101 4-Bromofluorobenzene	174	8.647	8.641	0.006	93	198119	49.8	
* 117 1,4-Dichlorobenzene-d4	152	9.312	9.306	0.006	96	235906	50.0	

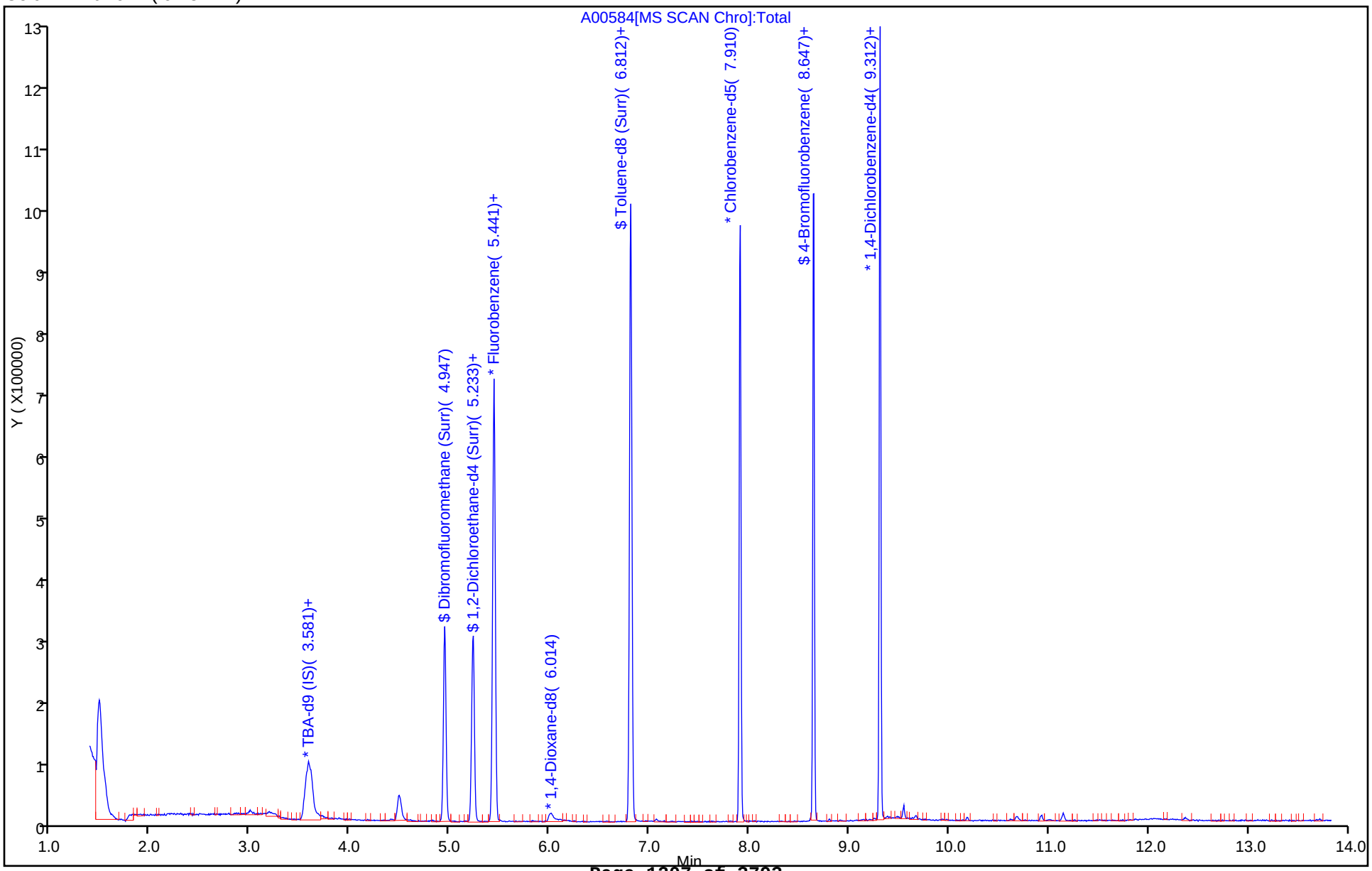
Report Date: 14-Mar-2014 09:28:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140314-10853.b\A00584.D

Injection Date:	14-Mar-2014 09:02:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-72174-B-28	Lab Sample ID:	460-72174-28	Worklist Smp#:	8
Client ID:	FB-030614				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260624W_1	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-WT | Lab Sample ID: 460-72174-29

Matrix: Solid | Lab File ID: J09960.D

Analysis Method: 8260B | Date Collected: 03/06/2014 12:35

Sample wt/vol: 6.345(g) | Date Analyzed: 03/13/2014 19:56

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 500

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.0 | Level: (low/med) Medium

Analysis Batch No.: 212315 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	86	U	890	86
74-83-9	Bromomethane	160	U	890	160
75-01-4	Vinyl chloride	130	U	890	130
75-00-3	Chloroethane	150	U	890	150
75-09-2	Methylene Chloride	160	U	890	160
67-64-1	Acetone	2400	U	4400	2400
75-15-0	Carbon disulfide	110	U	890	110
75-69-4	Trichlorofluoromethane	130	U	890	130
75-35-4	1,1-Dichloroethene	78	U	890	78
75-34-3	1,1-Dichloroethane	120	U	890	120
156-60-5	trans-1,2-Dichloroethene	110	U	890	110
156-59-2	cis-1,2-Dichloroethene	3400		890	160
67-66-3	Chloroform	70	U	890	70
78-93-3	2-Butanone	2100	U	4400	2100
107-06-2	1,2-Dichloroethane	170	U	890	170
71-55-6	1,1,1-Trichloroethane	890		890	55
56-23-5	Carbon tetrachloride	50	U	890	50
71-43-2	Benzene	73	U	890	73
75-25-2	Bromoform	170	U	890	170
100-42-5	Styrene	18000		890	110
100-41-4	Ethylbenzene	14000		890	85
108-90-7	Chlorobenzene	3100		890	98
110-82-7	Cyclohexane	140	U	890	140
98-82-8	Isopropylbenzene	1800		890	68
591-78-6	2-Hexanone	440	U *	4400	440
1634-04-4	MTBE	120	U	890	120
76-13-1	Freon TF	8600		890	73
79-20-9	Methyl acetate	300	U	4400	300
123-91-1	1,4-Dioxane	32000	U	44000	32000
79-01-6	Trichloroethene	300000		890	81
108-88-3	Toluene	11000		890	130
10061-02-6	trans-1,3-Dichloropropene	210	U	890	210
108-10-1	4-Methyl-2-pentanone	870	U	4400	870
10061-01-5	cis-1,3-Dichloropropene	160	U	890	160
95-50-1	1,2-Dichlorobenzene	5400		890	180
541-73-1	1,3-Dichlorobenzene	120	U	890	120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-WT | Lab Sample ID: 460-72174-29

Matrix: Solid | Lab File ID: J09960.D

Analysis Method: 8260B | Date Collected: 03/06/2014 12:35

Sample wt/vol: 6.345(g) | Date Analyzed: 03/13/2014 19:56

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 500

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.0 | Level: (low/med) Medium

Analysis Batch No.: 212315 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	210	U	890	210
120-82-1	1,2,4-Trichlorobenzene	35000		890	300
87-61-6	1,2,3-Trichlorobenzene	8900		890	450
78-87-5	1,2-Dichloropropane	76	U	890	76
108-87-2	Methylcyclohexane	120	U	890	120
127-18-4	Tetrachloroethene	13000		890	86
1330-20-7	Xylenes, Total	63000		1800	320
96-12-8	1,2-Dibromo-3-Chloropropane	350	U	890	350
79-34-5	1,1,2,2-Tetrachloroethane	140	U	890	140
79-00-5	1,1,2-Trichloroethane	170	U	890	170
124-48-1	Dibromochloromethane	180	U	890	180
106-93-4	1,2-Dibromoethane	240	U	890	240
75-71-8	Dichlorodifluoromethane	190	U	890	190
74-97-5	Bromochloromethane	240	U	890	240
75-27-4	Bromodichloromethane	110	U	890	110

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		75-135
2037-26-5	Toluene-d8 (Surr)	91		59-150
460-00-4	Bromofluorobenzene	94		72-133
1868-53-7	Dibromofluoromethane (Surr)	84		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-WT Lab Sample ID: 460-72174-29

Matrix: Solid Lab File ID: J09960.D

Analysis Method: 8260B Date Collected: 03/06/2014 12:35

Sample wt/vol: 6.345(g) Date Analyzed: 03/13/2014 19:56

Soil Aliquot Vol: 5 (mL) Dilution Factor: 500

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.0 Level: (low/med) Medium

Analysis Batch No.: 212315 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 119300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
95-13-6	Indene	11.27	7200	J N
76089-59-3	1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	11.66	5700	J N
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.92	6900	J N
91-20-3	Naphthalene	12.36	17000	J N
100-00-5	Benzene, 1-chloro-4-nitro-	12.93	5900	J N
	Unknown	13.10	11000	J
91-57-6	Naphthalene, 2-methyl-	13.18	33000	J N
90-12-0	Naphthalene, 1-methyl-	13.34	16000	J N
582-16-1	Naphthalene, 2,7-dimethyl-	14.13	8800	J N
581-40-8	Naphthalene, 2,3-dimethyl-	14.30	7800	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D
Lims ID: 460-72174-A-29-A Lab Sample ID: 460-72174-29
Client ID: PMP-24SW-WT
Sample Type: Client
Inject. Date: 13-Mar-2014 19:56:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 500.0000
Sample Info: 460-72174-A-29-A
Misc. Info.: 460-0010809-026
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 15:50:44 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: patelv1 Date: 14-Mar-2014 15:46:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.698	2.704	-0.006	94	36080	9.73	
* 151 TBA-d9 (IS)	65	3.174	3.180	-0.006	56	407189	1000.0	
42 cis-1,2-Dichloroethene	96	4.291	4.291	0.0	89	15556	3.79	
50 1,1,1-Trichloroethane	97	4.714	4.714	0.0	69	5265	1.01	
$ 152 Dibromofluoromethane (Surr)	113	4.731	4.731	0.0	90	18080	4.19	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.078	5.084	-0.006	85	26679	4.53	
* 59 Fluorobenzene	96	5.354	5.354	0.0	97	784656	50.0	
61 Trichloroethene	95	5.707	5.707	0.0	93	1282293	342.4	
* 150 1,4-Dioxane-d8	96	6.053	6.053	0.0	73	51204	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.029	7.029	0.0	97	75913	4.57	
77 Toluene	91	7.105	7.105	0.0	93	195679	12.9	
80 Tetrachloroethene	166	7.710	7.716	-0.006	97	51480	14.5	
* 87 Chlorobenzene-d5	117	8.821	8.821	0.0	86	676907	50.0	
88 Chlorobenzene	112	8.856	8.856	0.0	94	35584	3.46	
89 Ethylbenzene	106	8.956	8.956	0.0	99	83474	16.0	
91 m-Xylene & p-Xylene	106	9.109	9.114	-0.005	97	378378	57.3	
92 o-Xylene	106	9.561	9.561	0.0	82	90648	13.9	
94 Styrene	104	9.590	9.590	0.0	93	235606	20.4	
98 Isopropylbenzene	105	9.902	9.902	0.0	97	29759	2.08	
$ 99 4-Bromofluorobenzene	174	10.084	10.084	0.0	92	27312	4.71	
* 116 1,4-Dichlorobenzene-d4	152	10.959	10.959	0.0	96	393476	50.0	
121 1,2-Dichlorobenzene	146	11.224	11.224	0.0	88	51207	6.07	
124 1,2,4-Trichlorobenzene	180	12.193	12.193	0.0	94	211934	39.5	
128 1,2,3-Trichlorobenzene	180	12.528	12.528	0.0	85	49434	10.1	
S 131 Xylenes, Total	100				0		71.2	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D
Lims ID: 460-72174-A-29-A Lab Sample ID: 460-72174-29
Client ID: PMP-24SW-WT
Sample Type: Client
Inject. Date: 13-Mar-2014 19:56:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 500.0000
Sample Info: 460-72174-A-29-A
Misc. Info.: 460-0010809-026
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 15:50:44 Calib Date: 09-Mar-2014 13:34:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 20

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: patelv1 Date: 14-Mar-2014 15:46:45

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
95-13-6 Indene								
11.271	382657	8.10	116	97	8168	C9H8	116	
76089-59-3 1,3-Cyclopentadiene, 1,2,3,4-tetramethyl								
11.664	303130	6.42	116	74	14434	C10H14	134	
527-84-4 Benzene, 1-methyl-2-(1-methylethyl)-								
11.917	366869	7.77	116	93	14404	C10H14	134	
91-20-3 Naphthalene								
12.364	884527	18.7	116	97	11563	C10H8	128	
100-00-5 Benzene, 1-chloro-4-nitro-								
12.928	314983	6.67	116	78	27938	C6H4ClNO2	157	
Unknown								
13.104	570395	12.1	116	0	0		0	
91-57-6 Naphthalene, 2-methyl-								
13.180	1763956	37.4	116	94	18501	C11H10	142	I
90-12-0 Naphthalene, 1-methyl-								
13.339	855749	18.1	116	96	18499	C11H10	142	
582-16-1 Naphthalene, 2,7-dimethyl-								
14.132	468019	9.91	116	98	27178	C12H12	156	
581-40-8 Naphthalene, 2,3-dimethyl-								
14.303	416358	8.82	116	98	27164	C12H12	156	

Report Date: 14-Mar-2014 15:50:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.959	2361272	50.0

QC Flag Legend

Processing Flags

Review Flags
l - User Selected Library Match

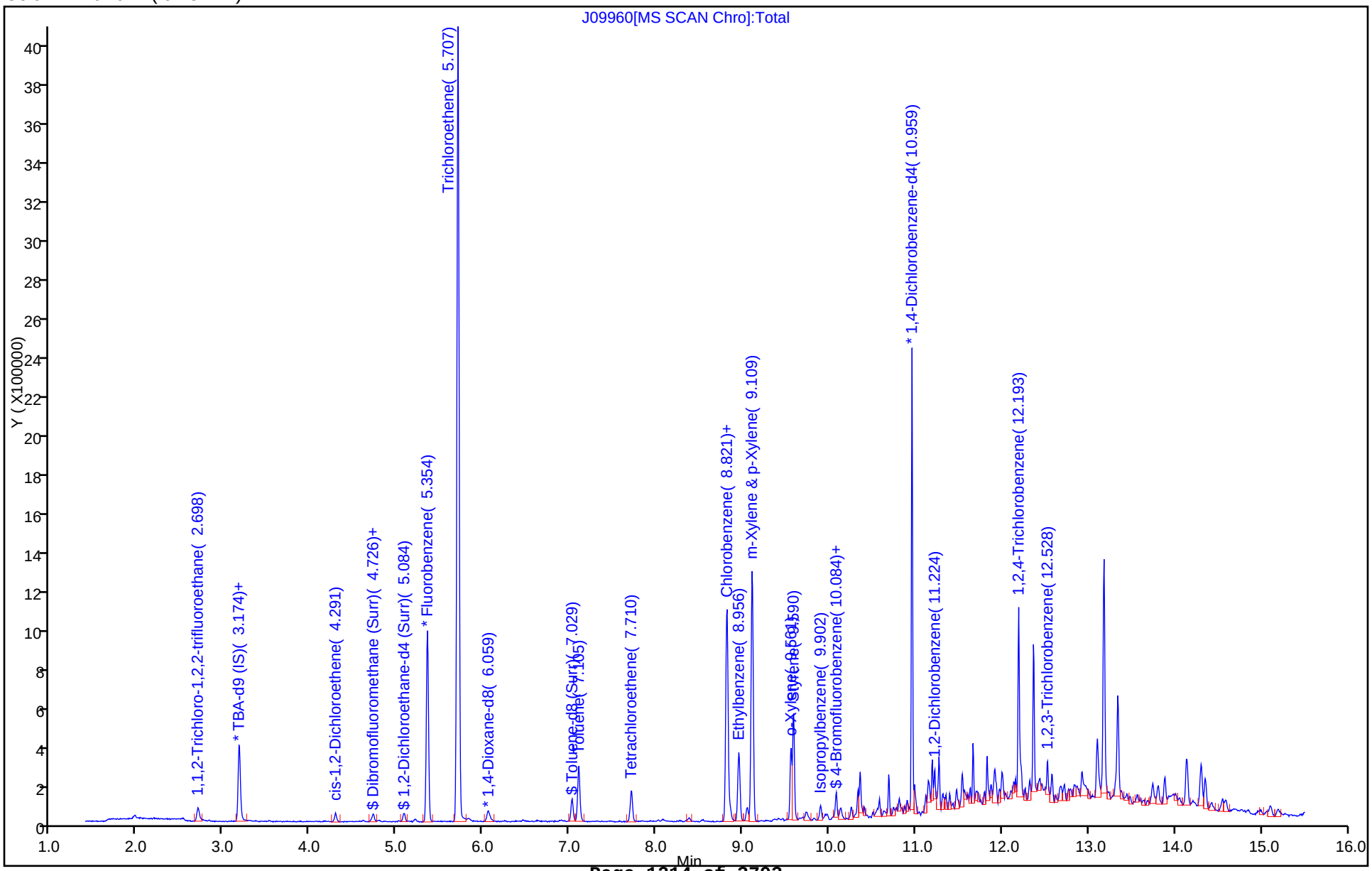
Report Date: 14-Mar-2014 15:50:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date:	13-Mar-2014 19:56:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-72174-A-29-A	Lab Sample ID:	460-72174-29	Worklist Smp#:	26
Client ID:	PMP-24SW-WT				
Purge Vol:	5.000 mL	Dil. Factor:	500.0000	ALS Bottle#:	25
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



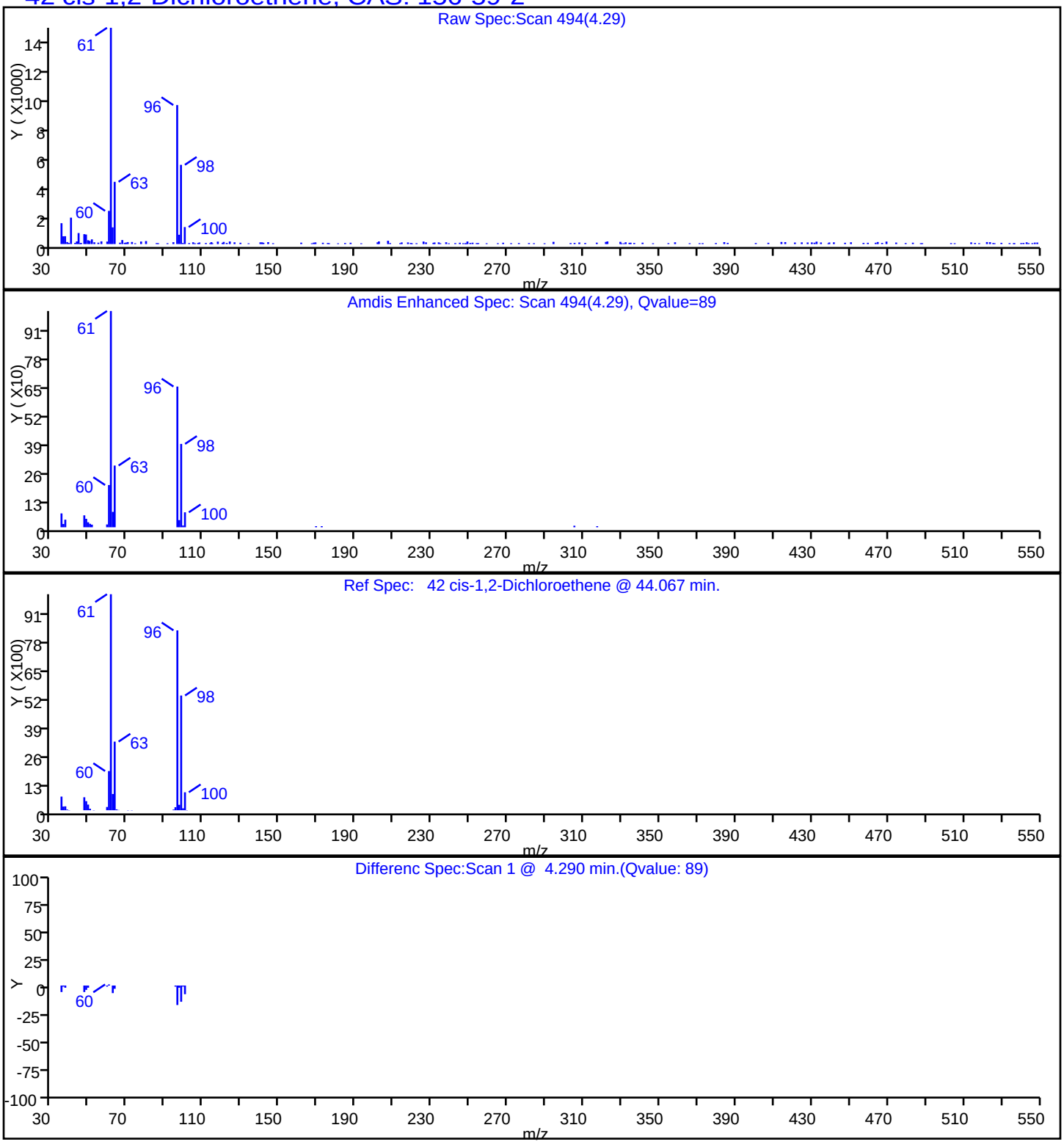
Report Date: 14-Mar-2014 15:50:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date:	13-Mar-2014 19:56:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-29-A	Lab Sample ID:	460-72174-29		
Client ID:	PMP-24SW-WT				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	500.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

42 cis-1,2-Dichloroethene, CAS: 156-59-2



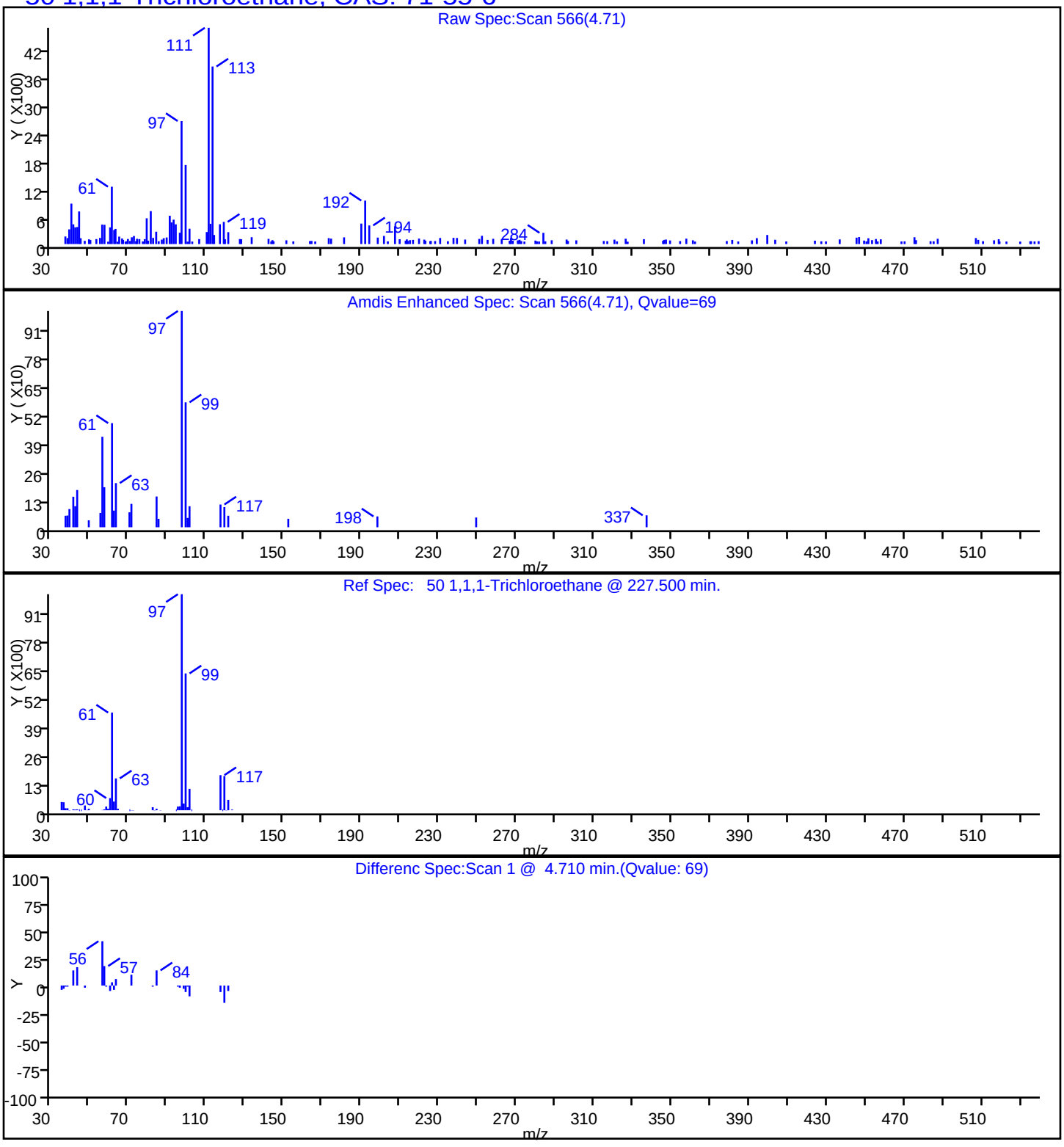
Report Date: 14-Mar-2014 15:50:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date:	13-Mar-2014 19:56:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-29-A	Lab Sample ID:	460-72174-29		
Client ID:	PMP-24SW-WT				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	500.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

50 1,1,1-Trichloroethane, CAS: 71-55-6



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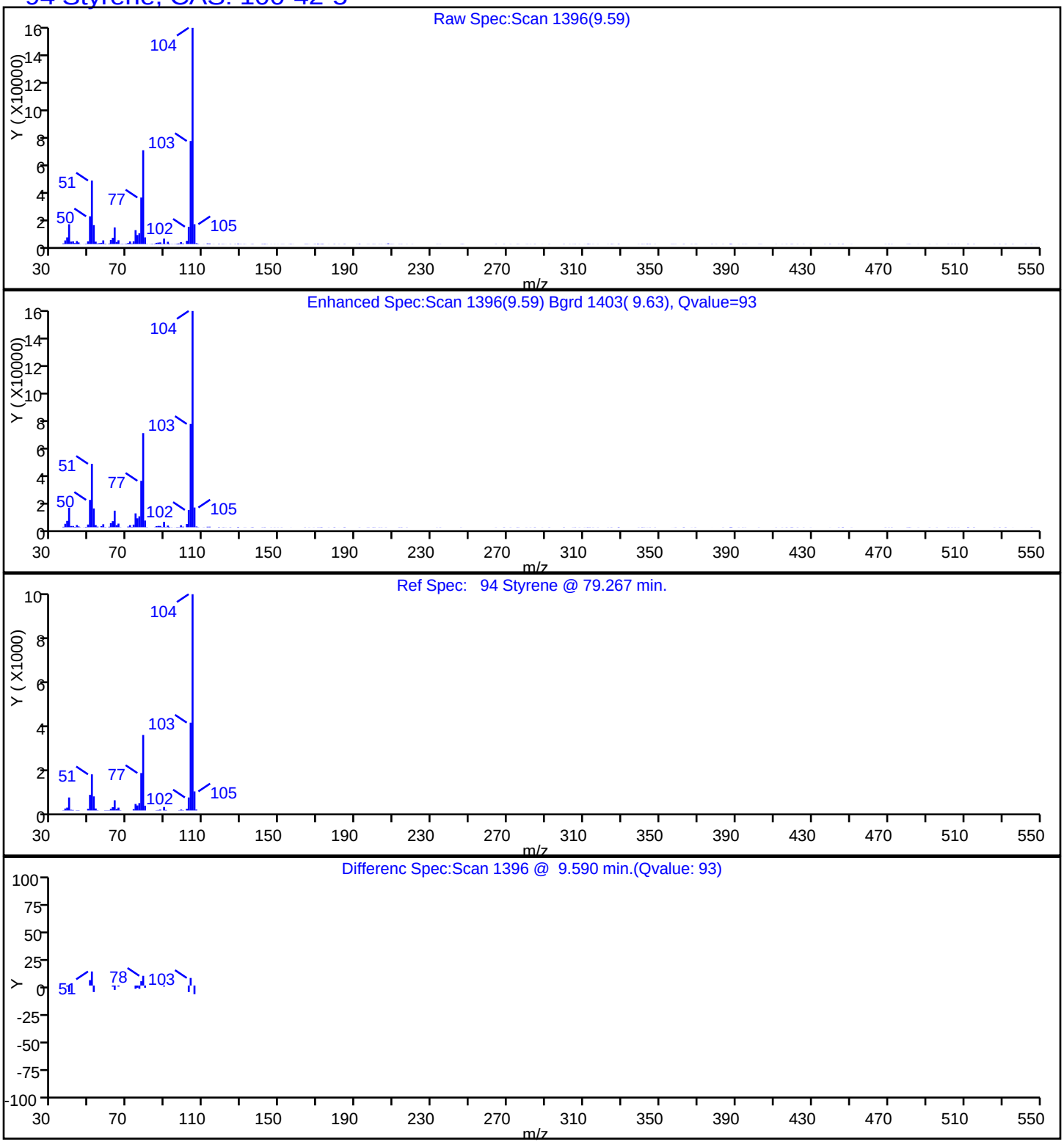
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date:	13-Mar-2014 19:56:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-29-A	Lab Sample ID:	460-72174-29		
Client ID:	PMP-24SW-WT				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	500.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

94 Styrene, CAS: 100-42-5



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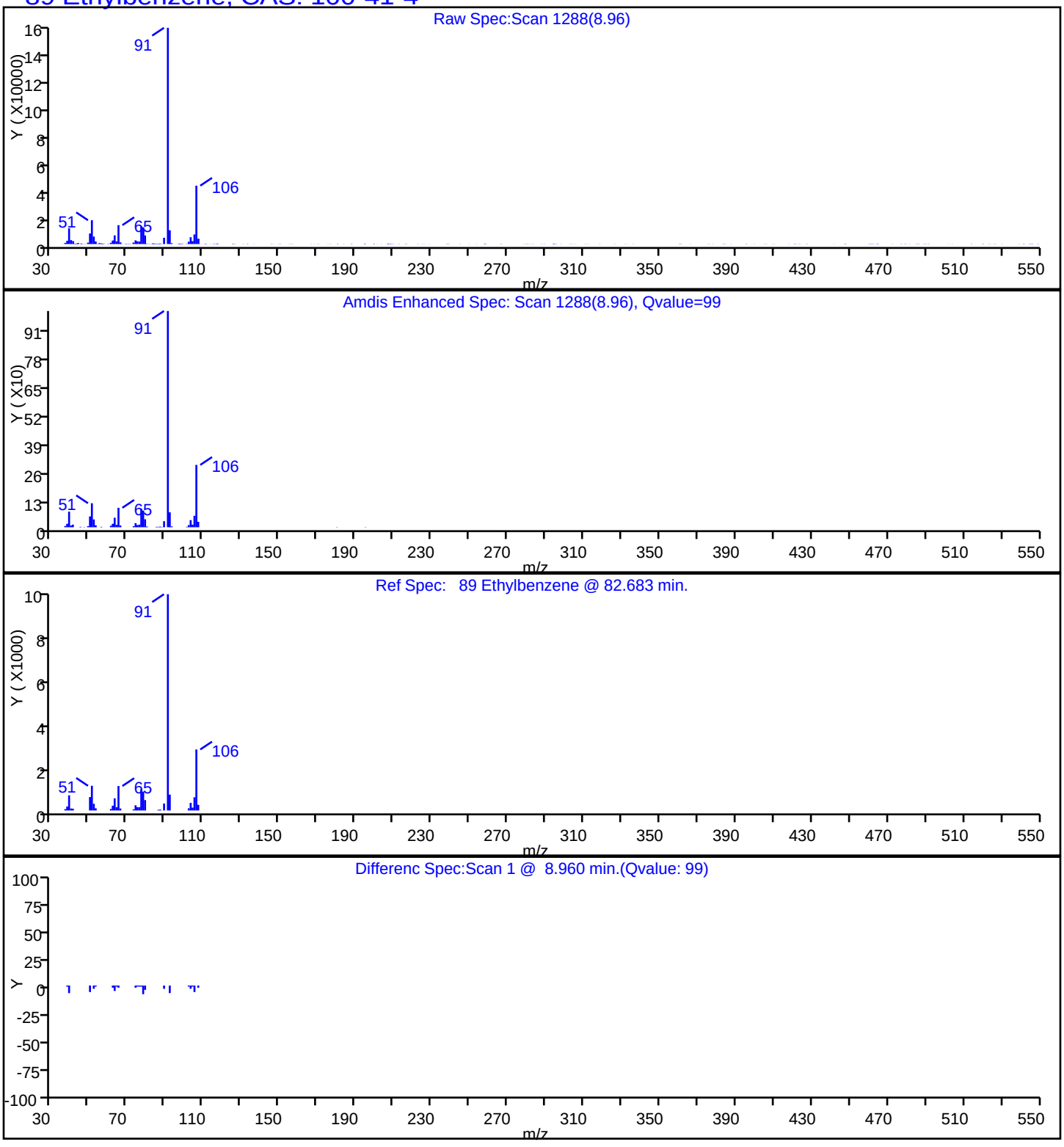
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date:	13-Mar-2014 19:56:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-29-A	Lab Sample ID:	460-72174-29		
Client ID:	PMP-24SW-WT				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	500.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

89 Ethylbenzene, CAS: 100-41-4



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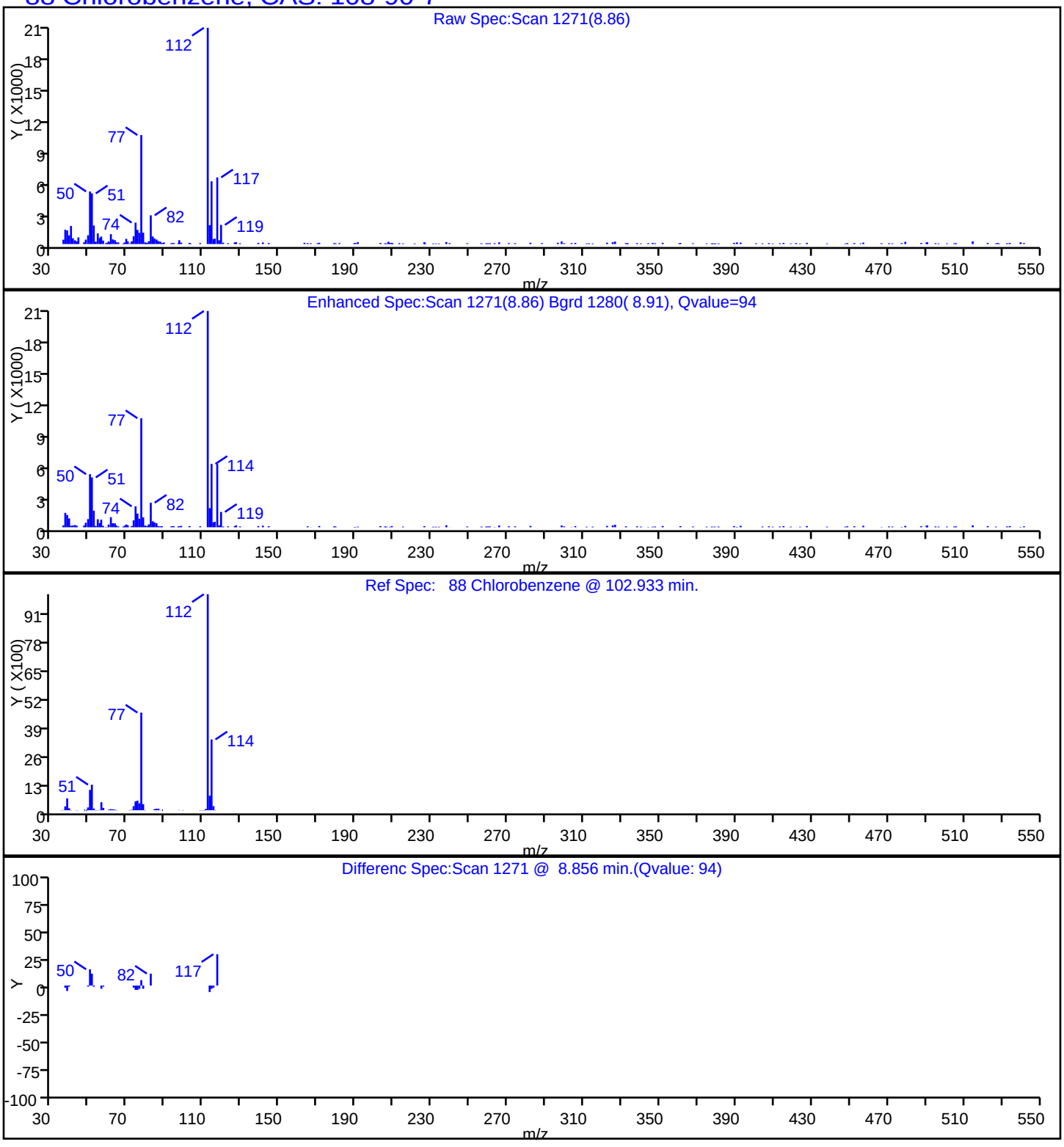
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date:	13-Mar-2014 19:56:30	Instrument ID:	CVOAMS8
Lims ID:	460-72174-A-29-A	Lab Sample ID:	460-72174-29
Client ID:	PMP-24SW-WT		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

88 Chlorobenzene, CAS: 108-90-7



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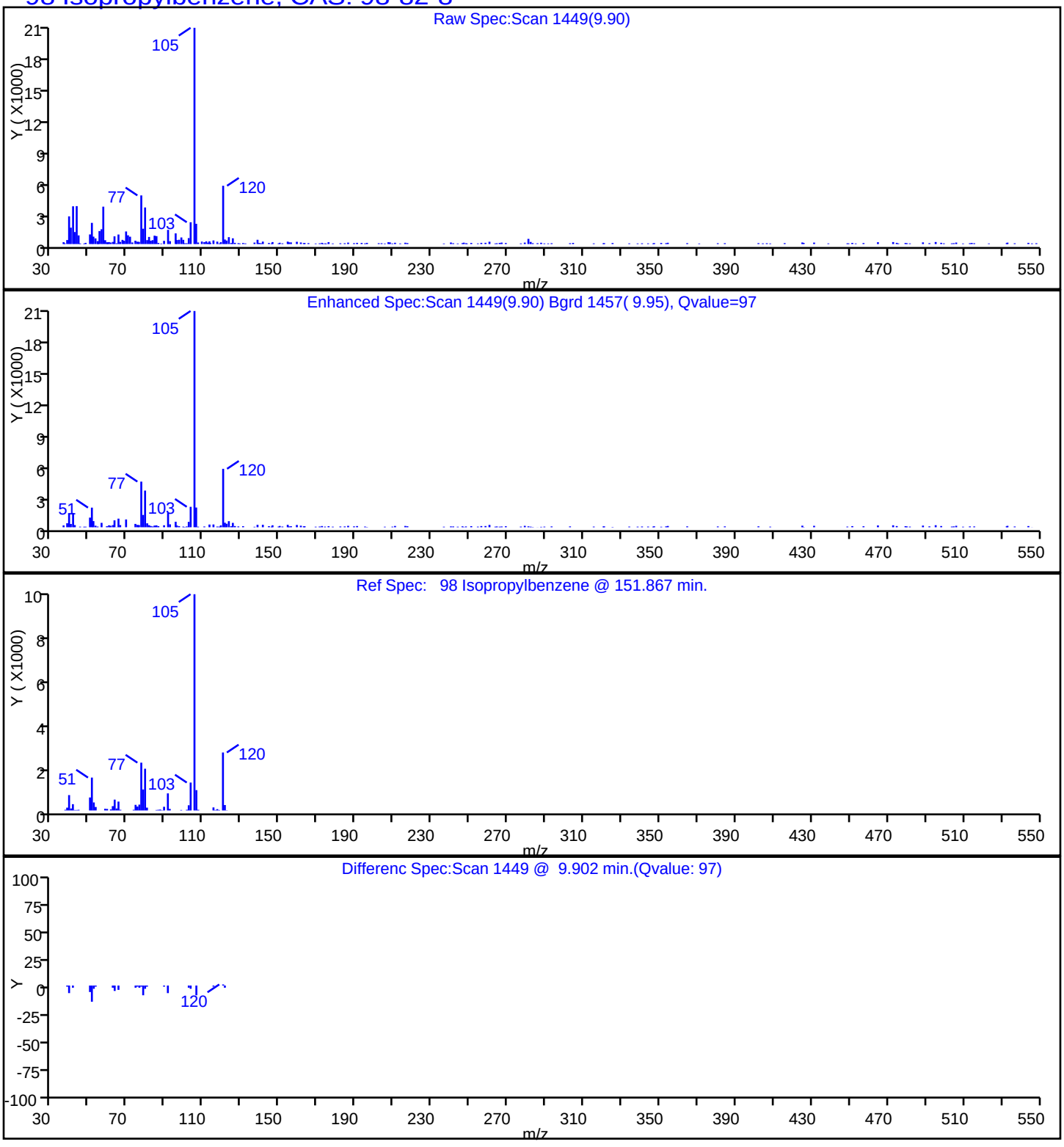
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date:	13-Mar-2014 19:56:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-29-A	Lab Sample ID:	460-72174-29		
Client ID:	PMP-24SW-WT				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	500.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

98 Isopropylbenzene, CAS: 98-82-8



Report Date: 14-Mar-2014 15:50:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date: 13-Mar-2014 19:56:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-29-A Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

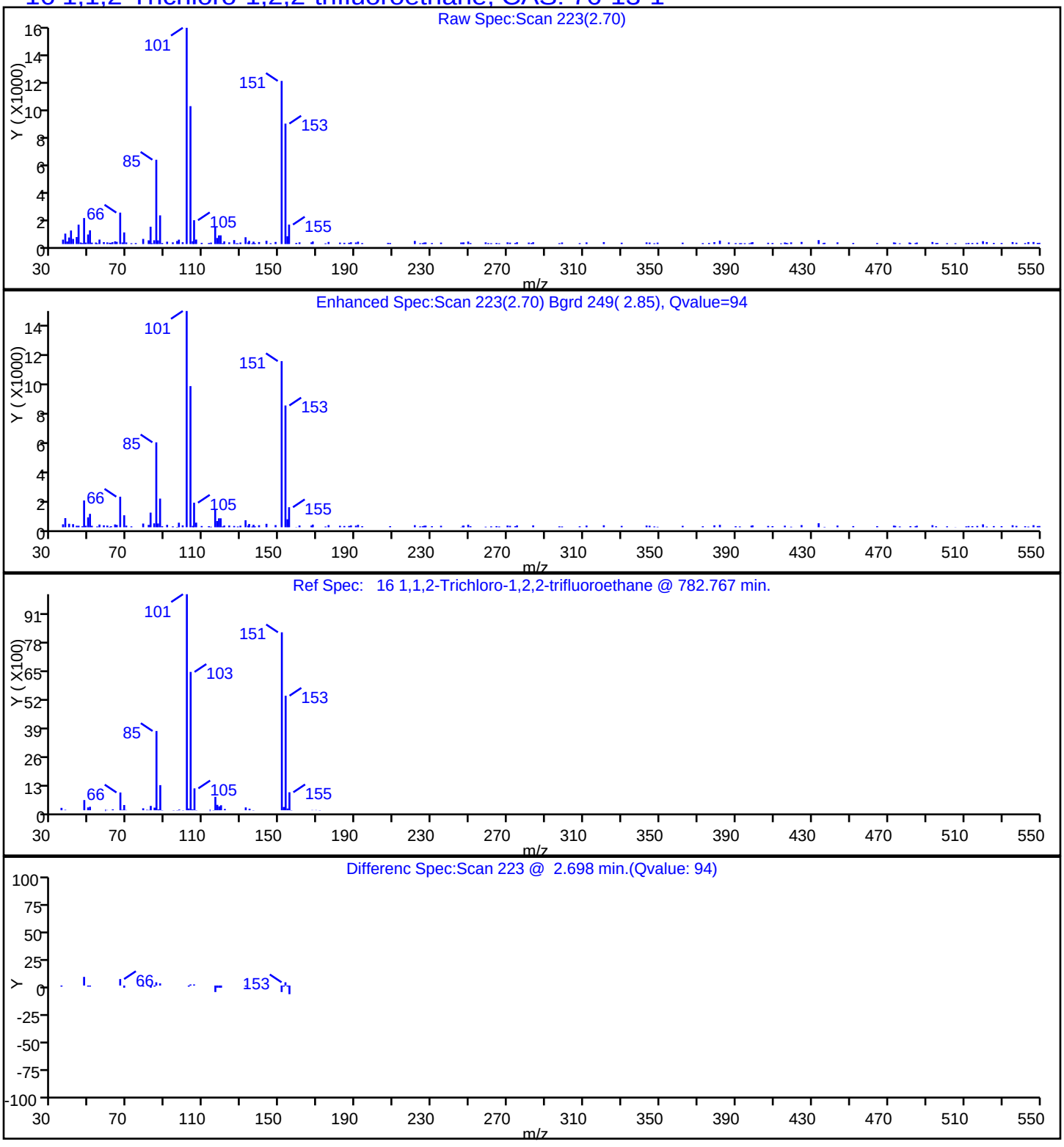
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 500.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



Report Date: 14-Mar-2014 15:50:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date: 13-Mar-2014 19:56:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-29-A Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

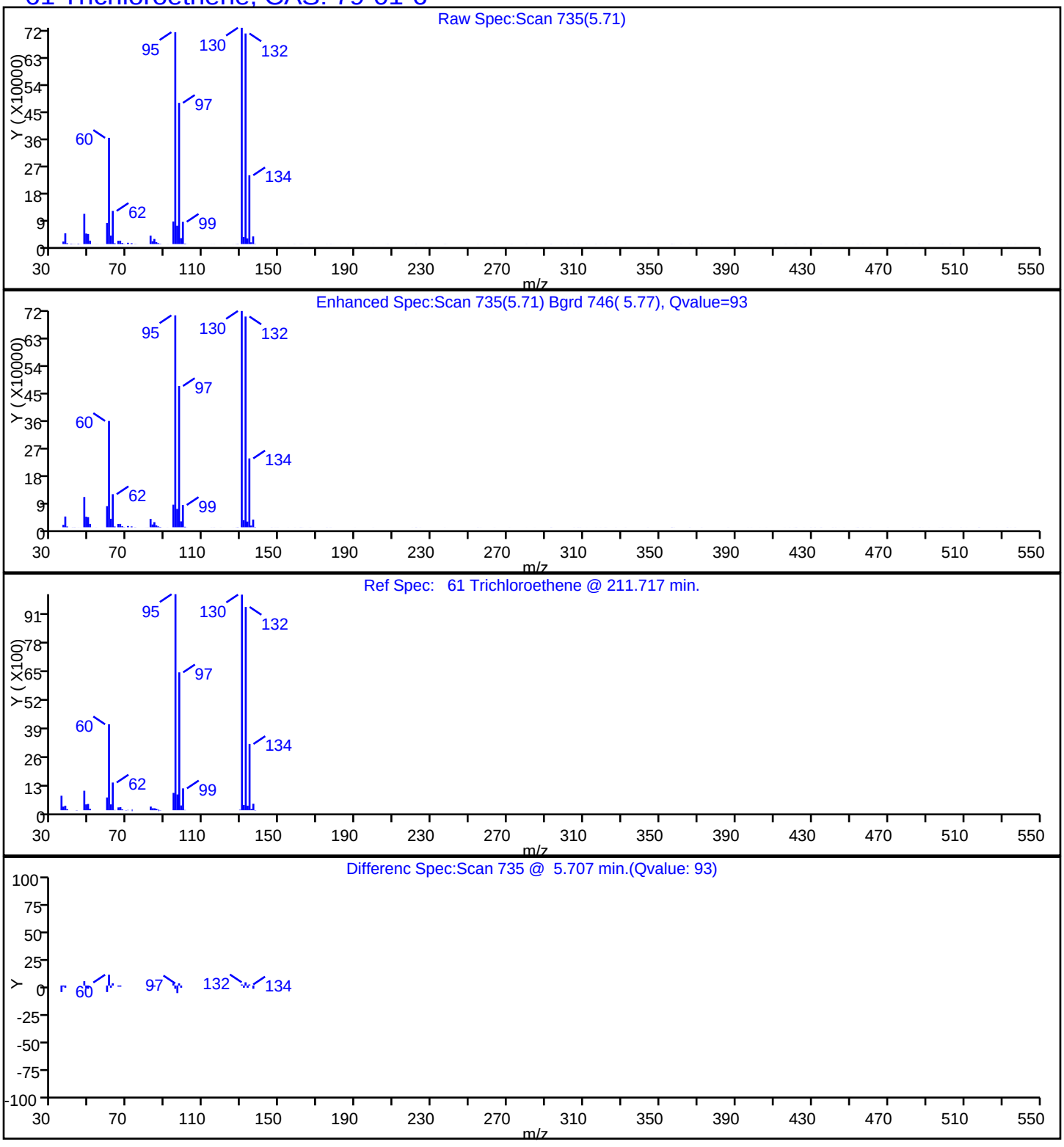
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 500.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

61 Trichloroethene, CAS: 79-01-6



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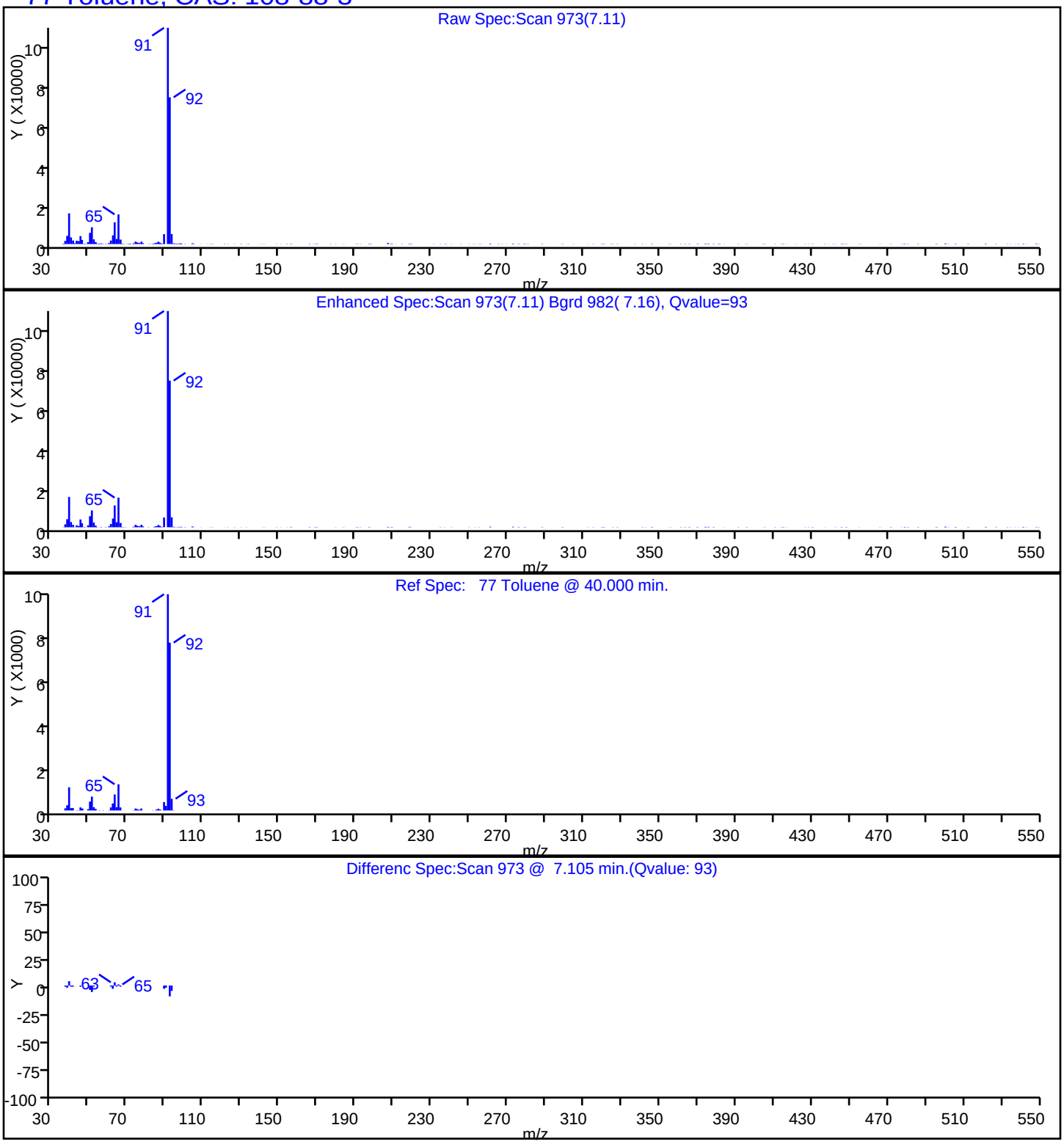
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date:	13-Mar-2014 19:56:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-29-A	Lab Sample ID:	460-72174-29		
Client ID:	PMP-24SW-WT				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	500.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

77 Toluene, CAS: 108-88-3



Report Date: 14-Mar-2014 15:50:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date: 13-Mar-2014 19:56:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-29-A Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

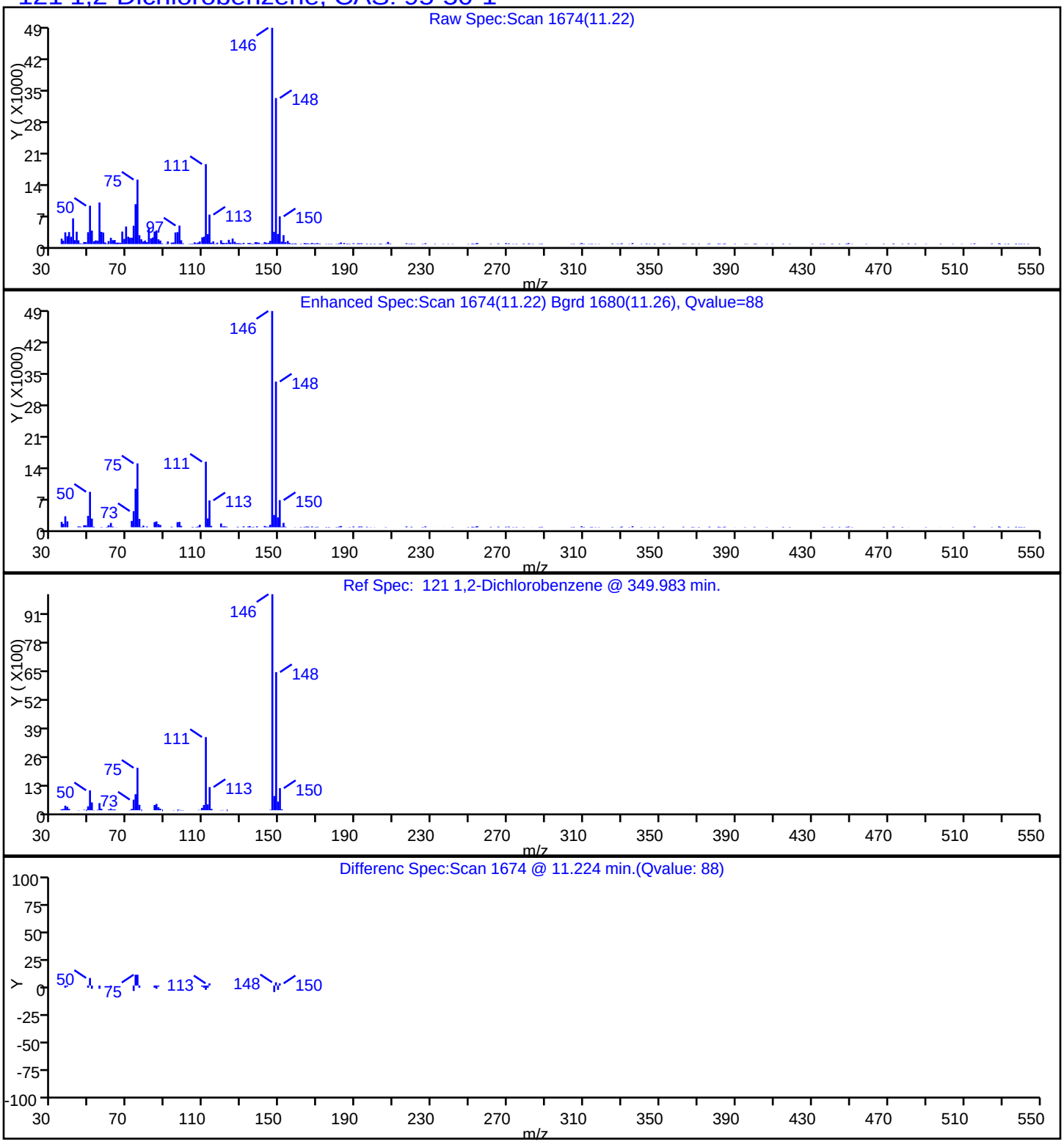
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 500.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

121 1,2-Dichlorobenzene, CAS: 95-50-1



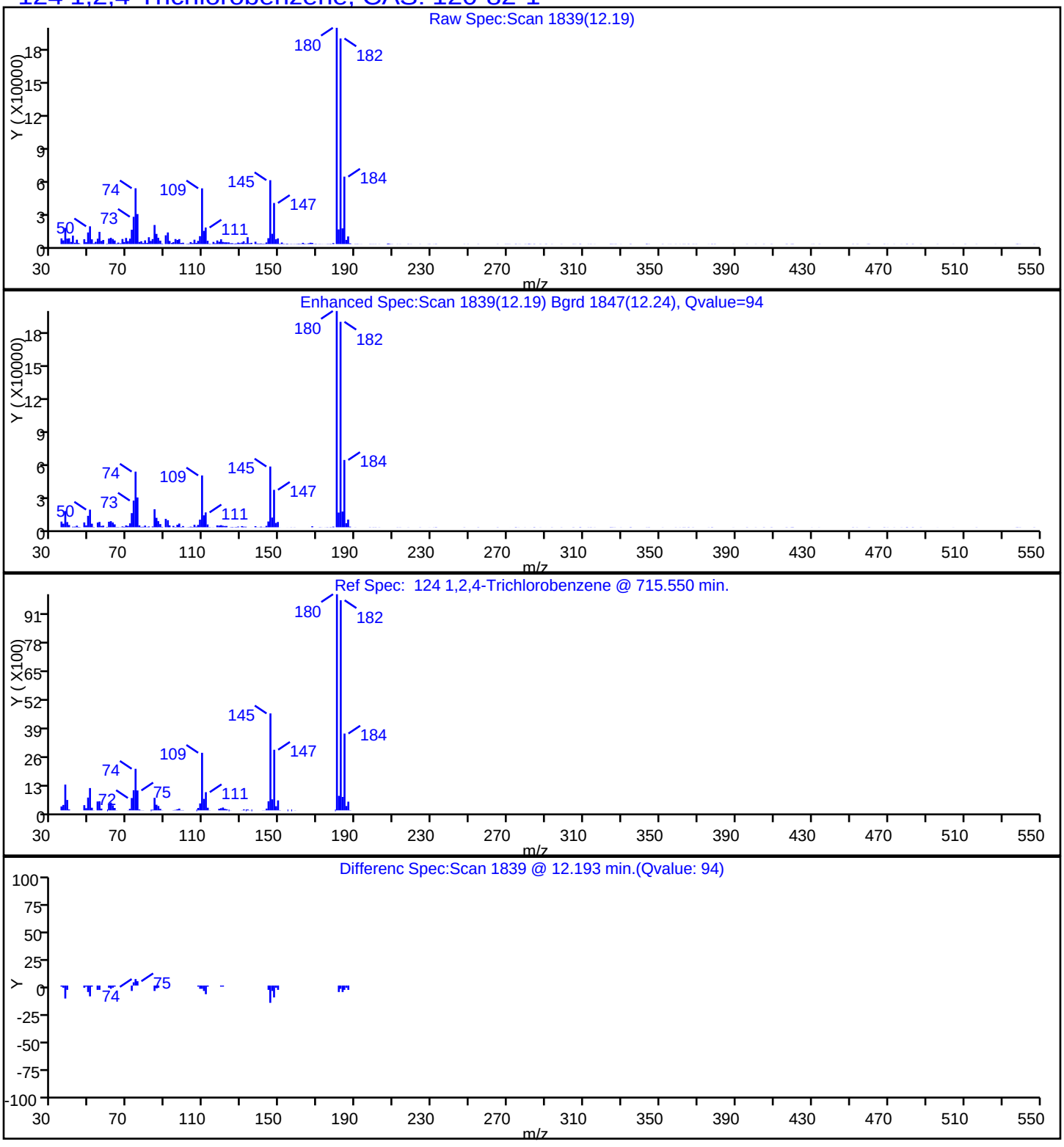
Report Date: 14-Mar-2014 15:50:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date:	13-Mar-2014 19:56:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-29-A	Lab Sample ID:	460-72174-29		
Client ID:	PMP-24SW-WT				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	500.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



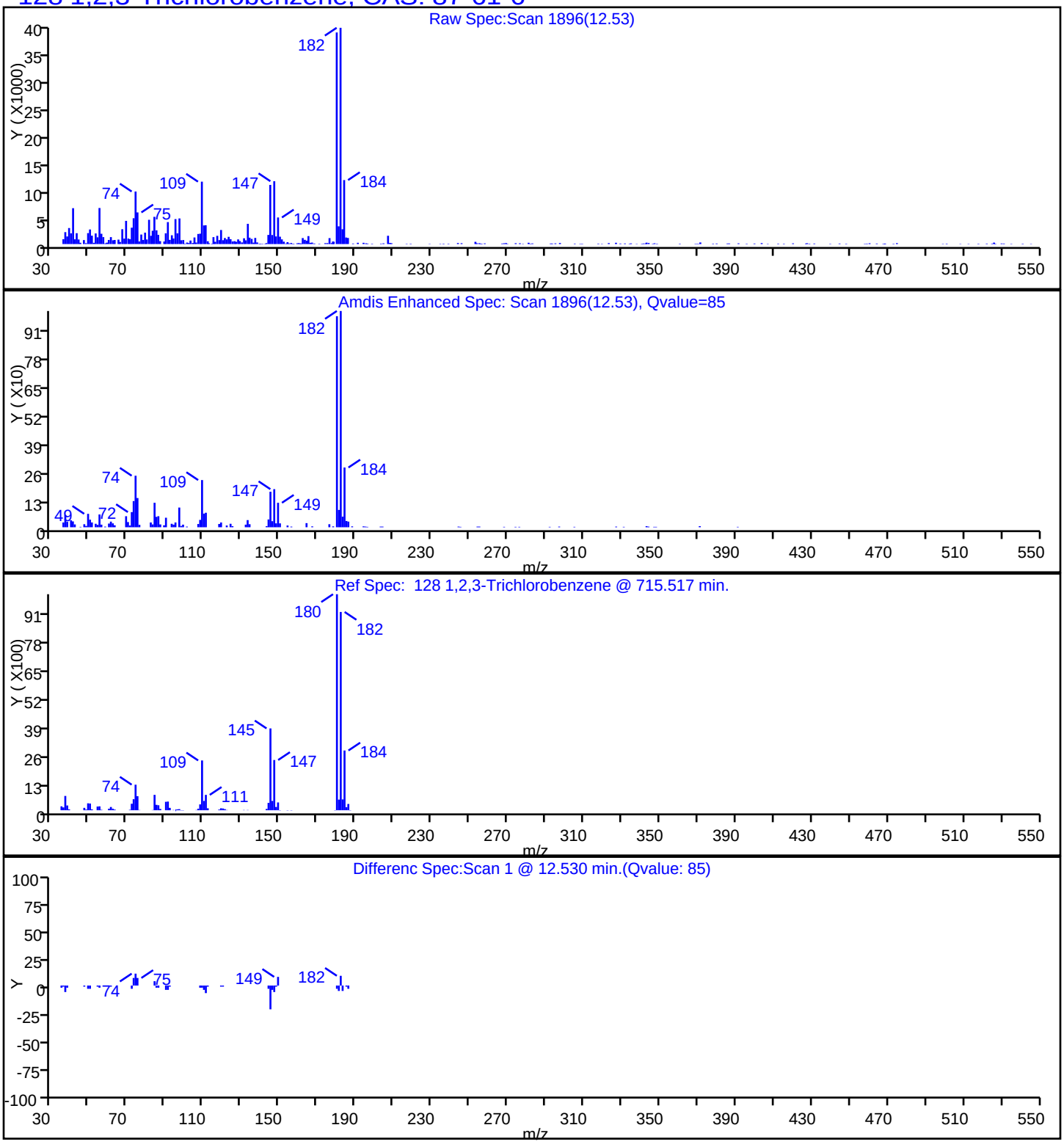
Report Date: 14-Mar-2014 15:50:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date:	13-Mar-2014 19:56:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-29-A	Lab Sample ID:	460-72174-29		
Client ID:	PMP-24SW-WT				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	500.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



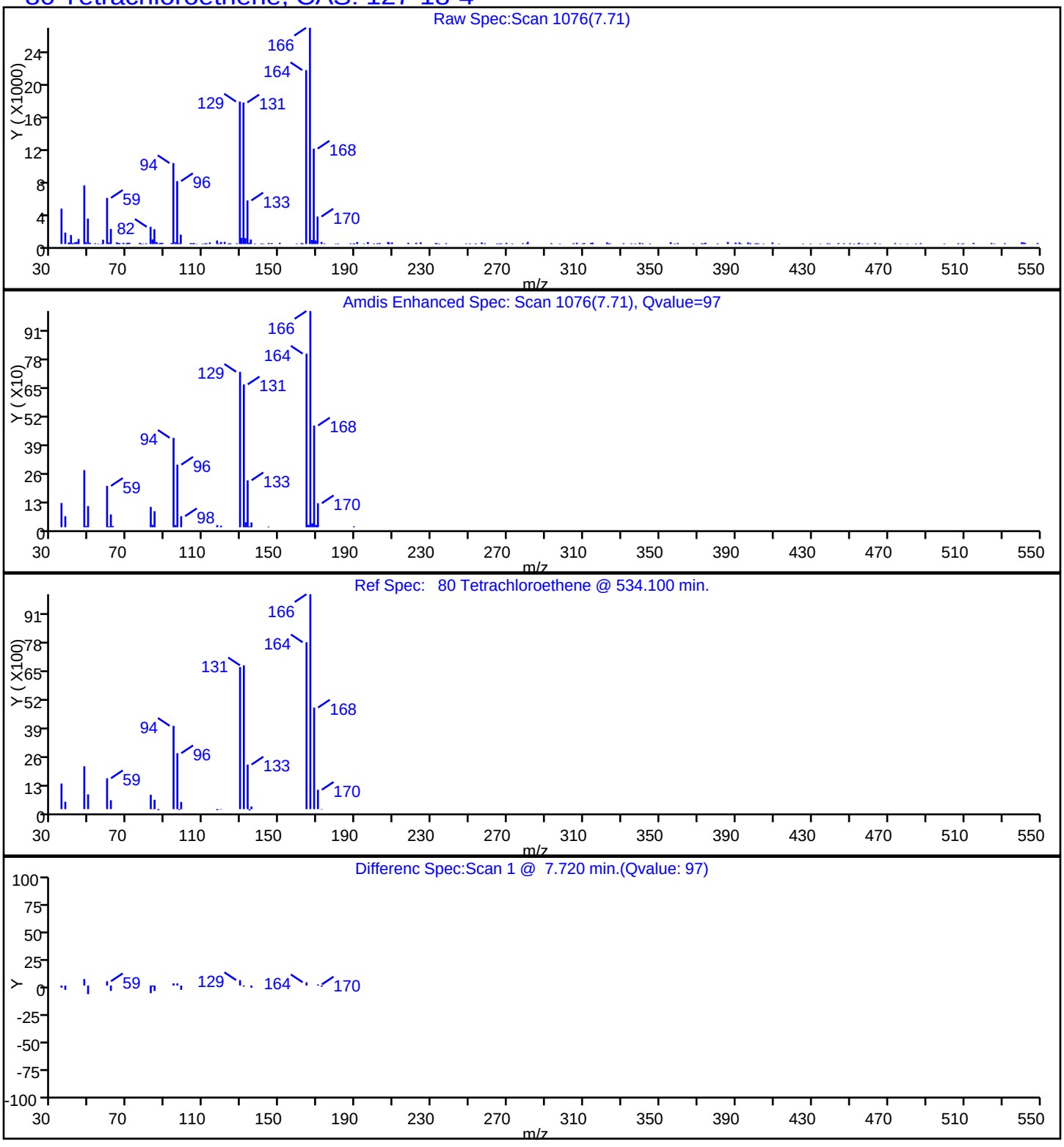
Report Date: 14-Mar-2014 15:50:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date:	13-Mar-2014 19:56:30	Instrument ID:	CVOAMS8
Lims ID:	460-72174-A-29-A	Lab Sample ID:	460-72174-29
Client ID:	PMP-24SW-WT		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

80 Tetrachloroethene, CAS: 127-18-4



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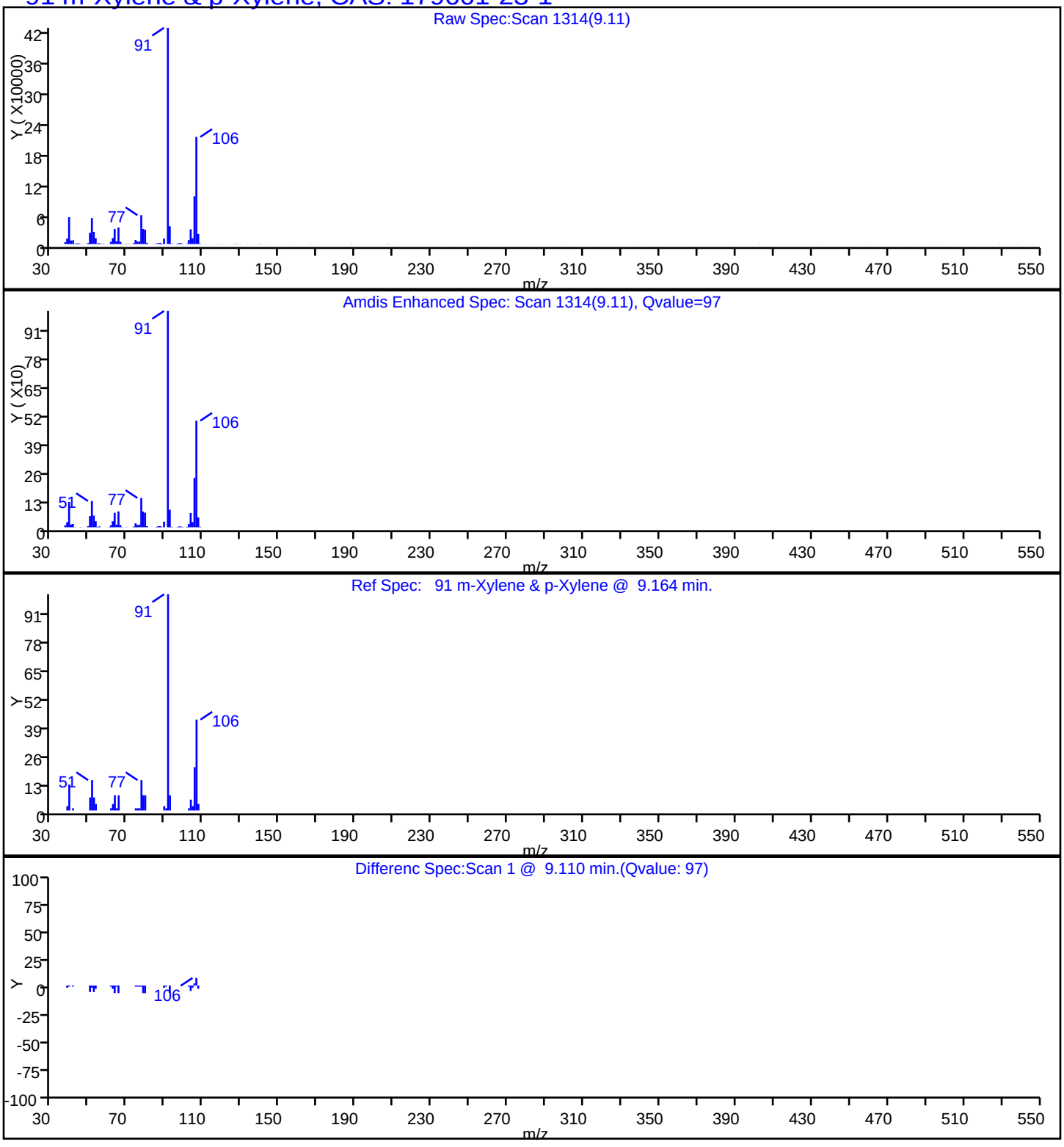
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date:	13-Mar-2014 19:56:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-29-A	Lab Sample ID:	460-72174-29		
Client ID:	PMP-24SW-WT				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	500.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

91 m-Xylene & p-Xylene, CAS: 179601-23-1



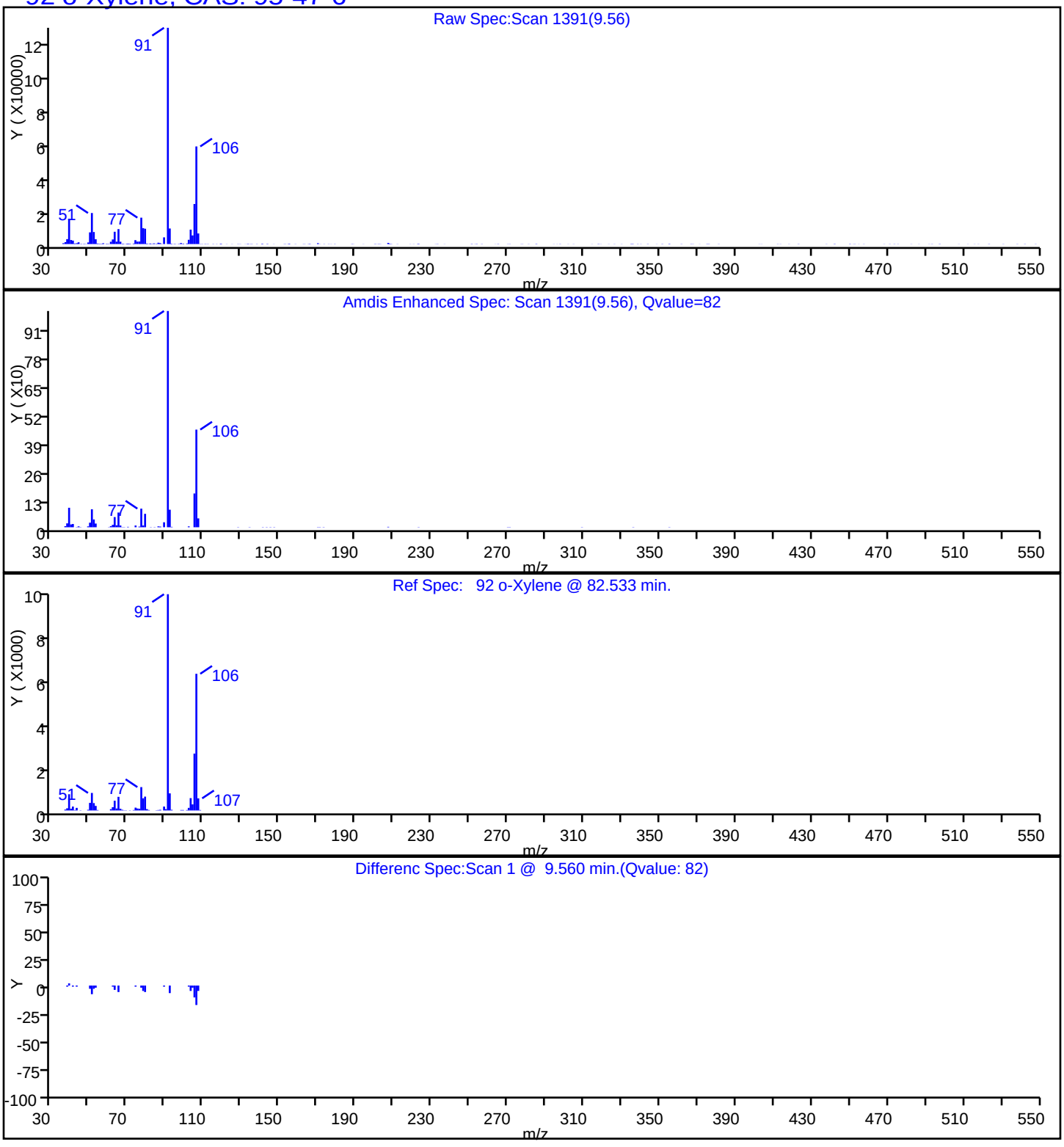
Report Date: 14-Mar-2014 15:50:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date:	13-Mar-2014 19:56:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-29-A	Lab Sample ID:	460-72174-29		
Client ID:	PMP-24SW-WT				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	500.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

92 o-Xylene, CAS: 95-47-6



Report Date: 14-Mar-2014 15:50:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date: 13-Mar-2014 19:56:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-29-A Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

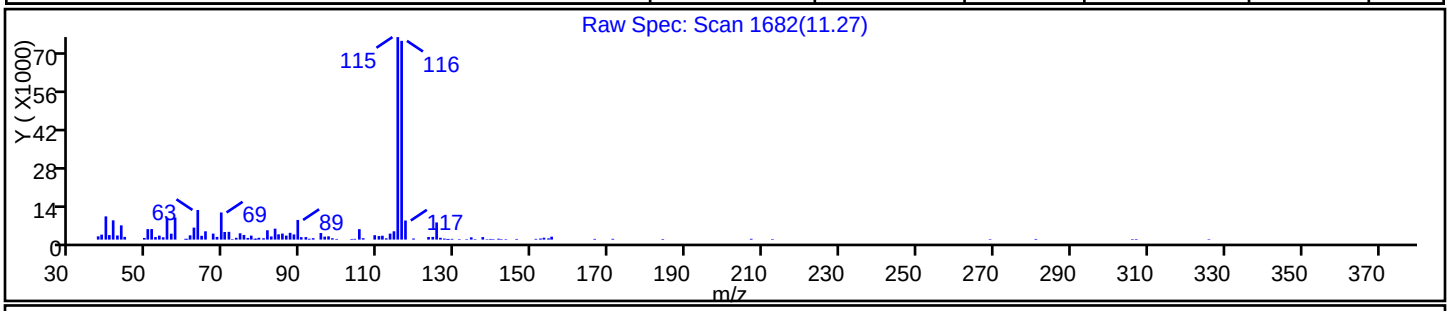
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26

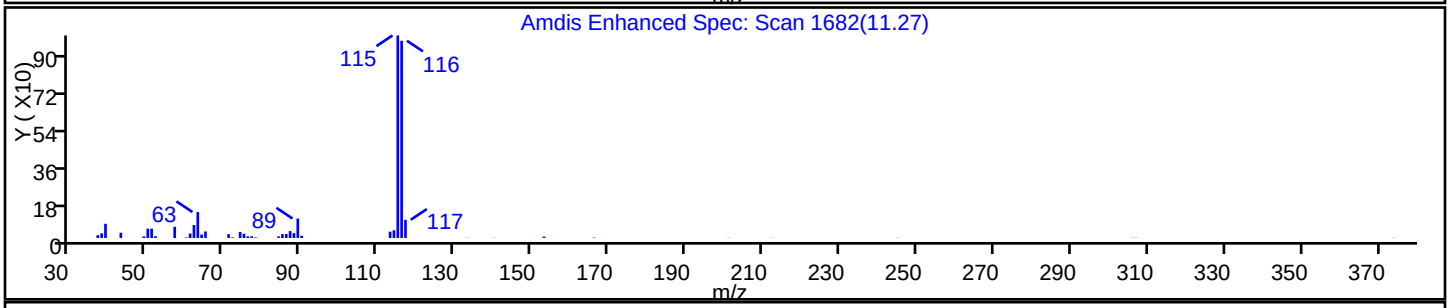
Purge Vol: 5.000 mL Dil. Factor: 500.0000

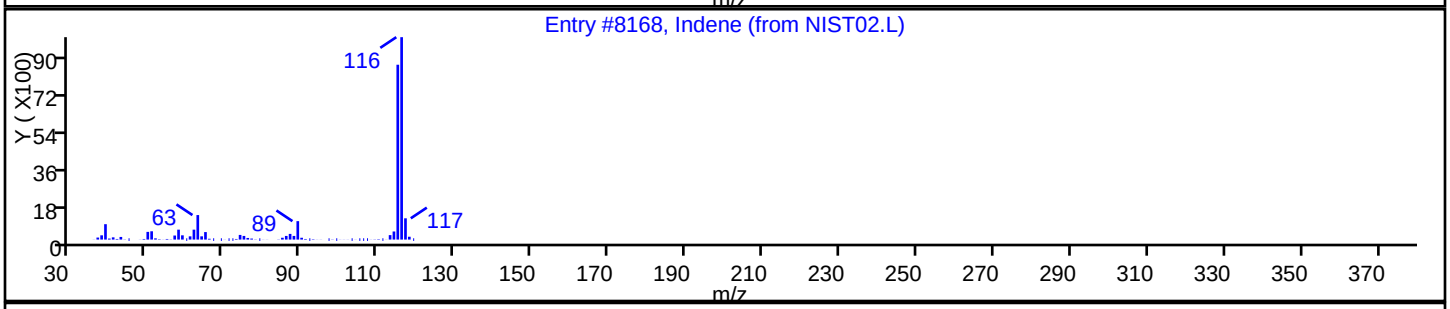
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

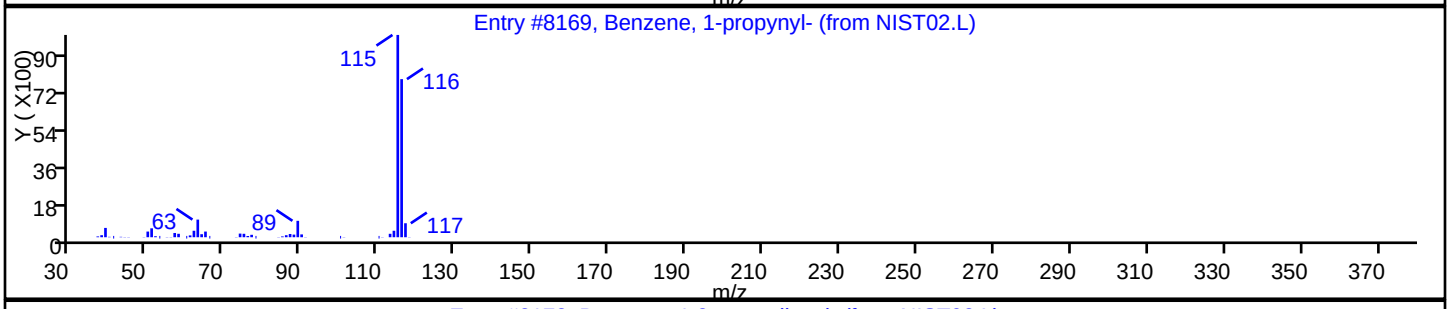
Column: Detector MS SCAN

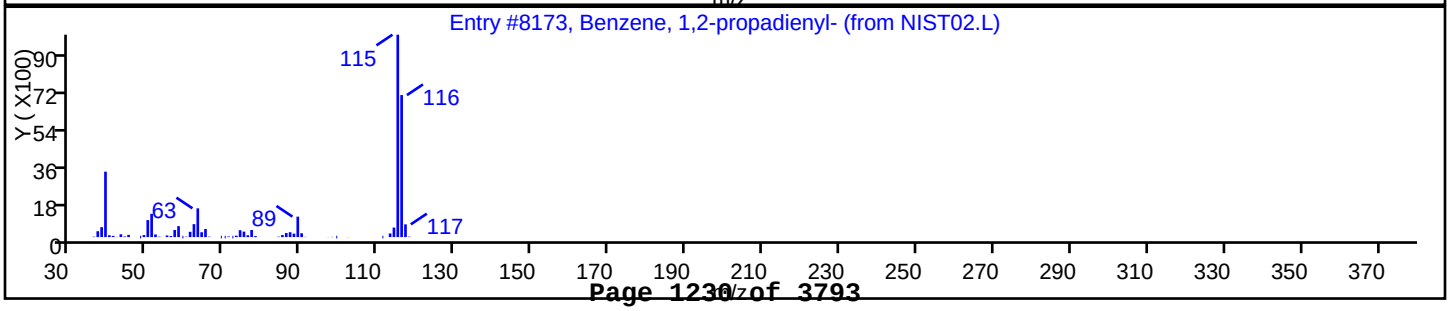
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Indene	95-13-6	NIST02.L	8168	C9H8	116	97
Benzene, 1-propynyl-	673-32-5	NIST02.L	8169	C9H8	116	94
Benzene, 1,2-propadienyl-	2327-99-3	NIST02.L	8173	C9H8	116	91











Report Date: 14-Mar-2014 15:50:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date: 13-Mar-2014 19:56:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-29-A Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

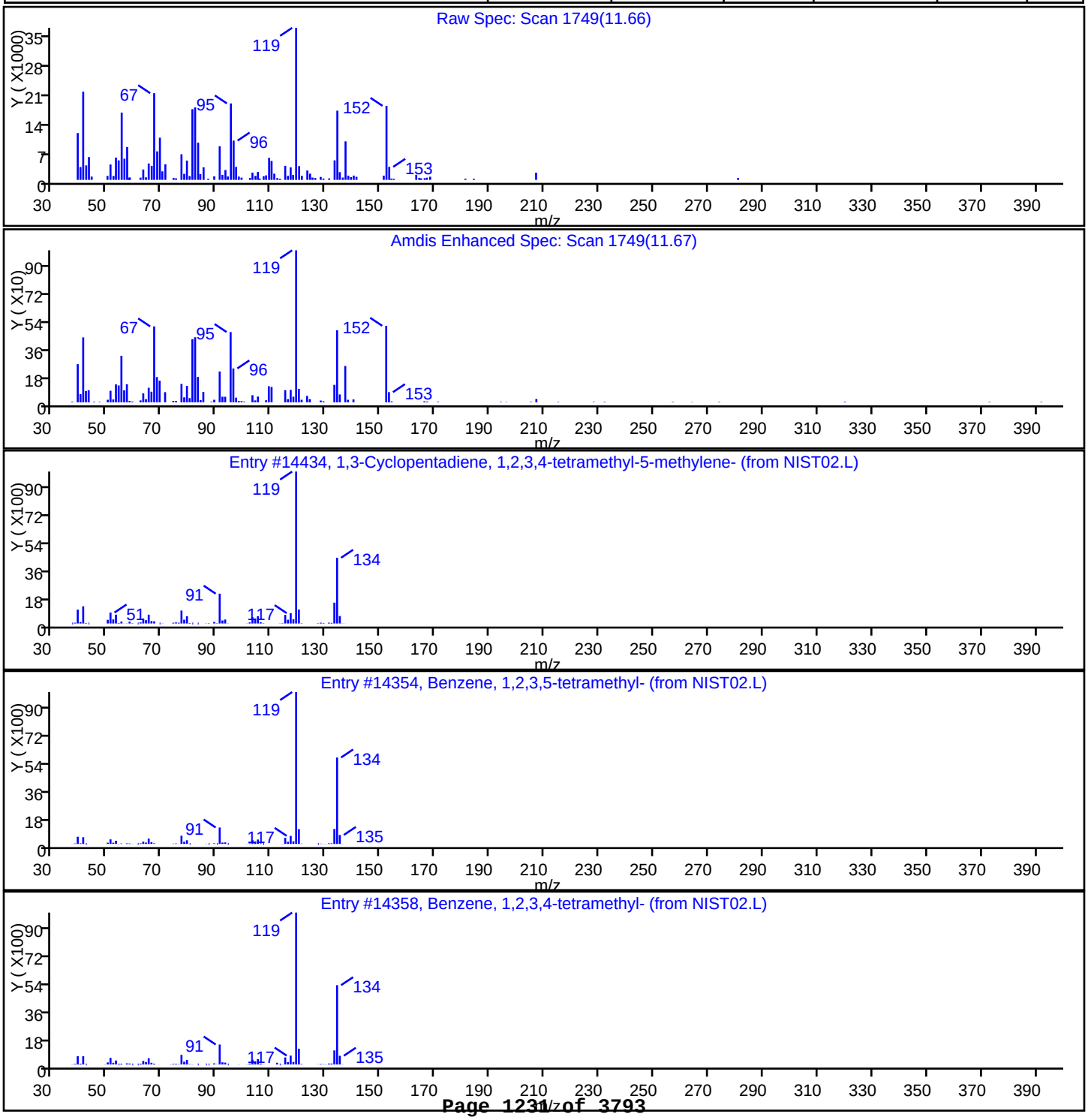
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 500.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	76089-59-3	NIST02.L	14434	C10H14	134	74
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.L	14354	C10H14	134	74
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14358	C10H14	134	70



Report Date: 14-Mar-2014 15:50:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date: 13-Mar-2014 19:56:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-29-A Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

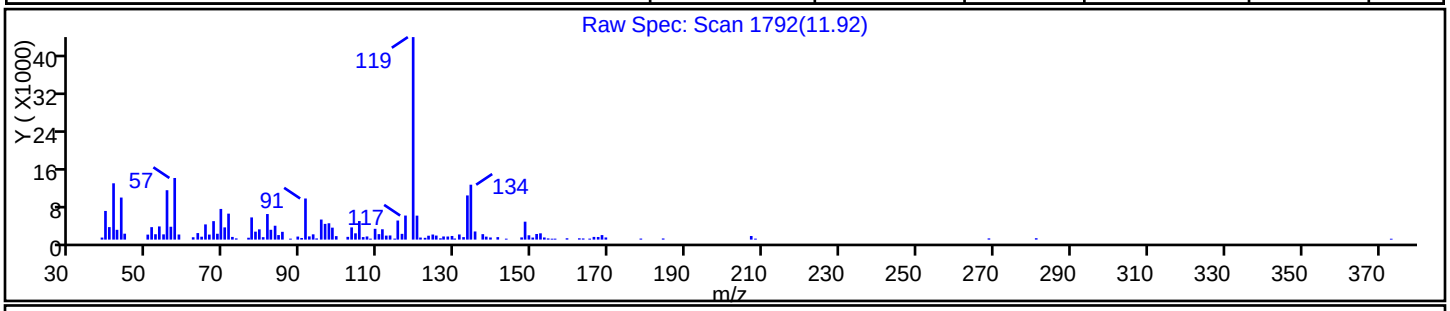
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26

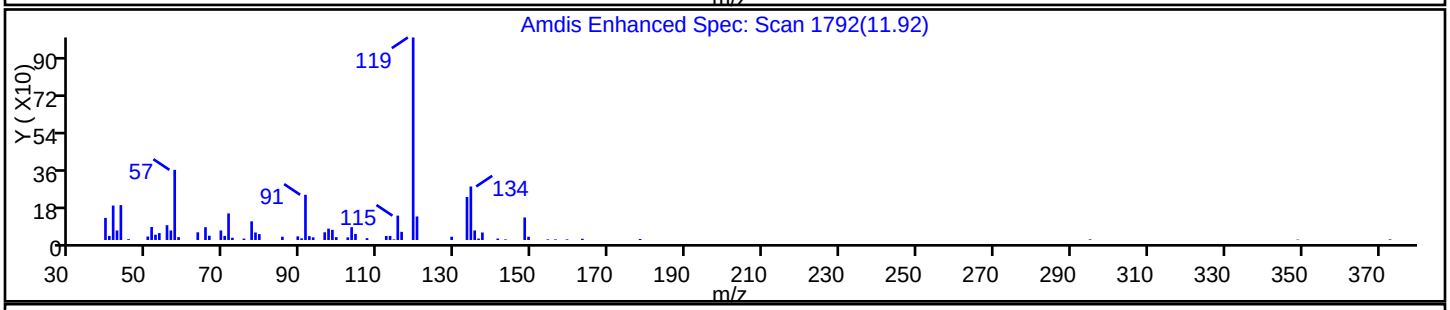
Purge Vol: 5.000 mL Dil. Factor: 500.0000

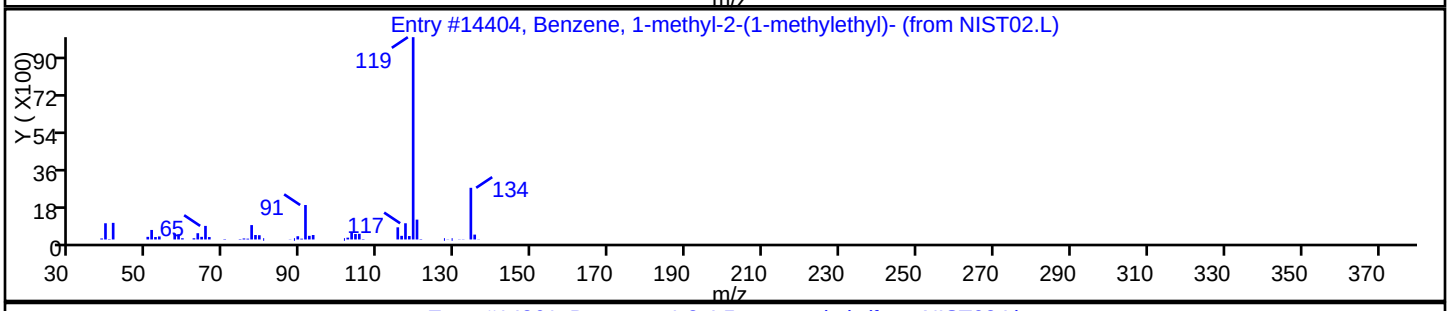
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

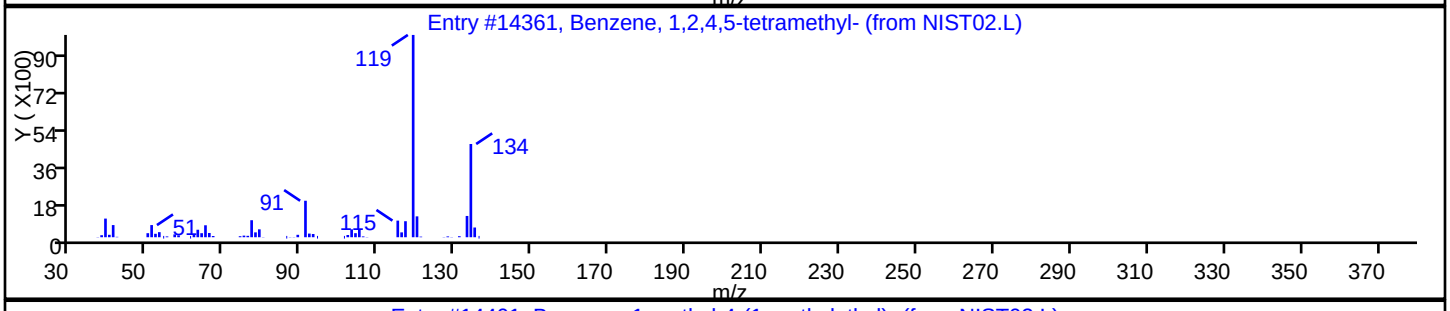
Column: Detector MS SCAN

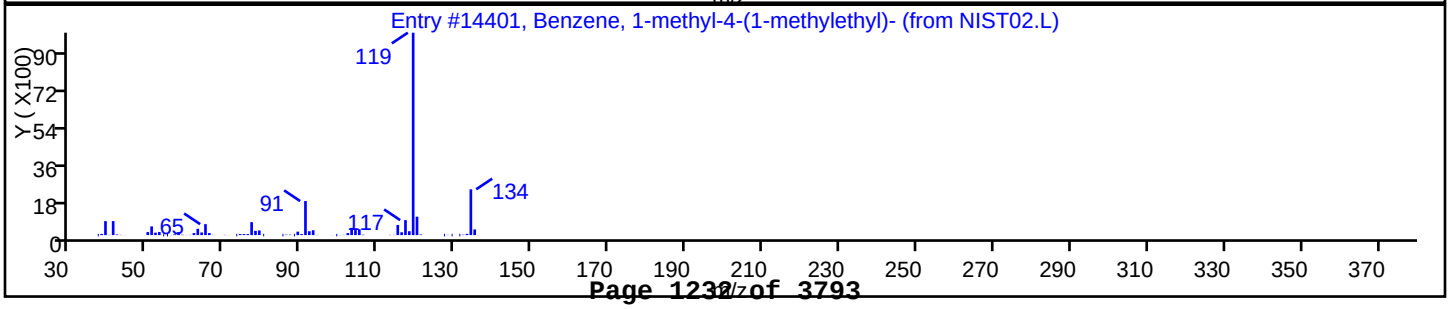
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14404	C10H14	134	93
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	C10H14	134	81
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NIST02.L	14401	C10H14	134	76











Report Date: 14-Mar-2014 15:50:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date: 13-Mar-2014 19:56:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-29-A Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

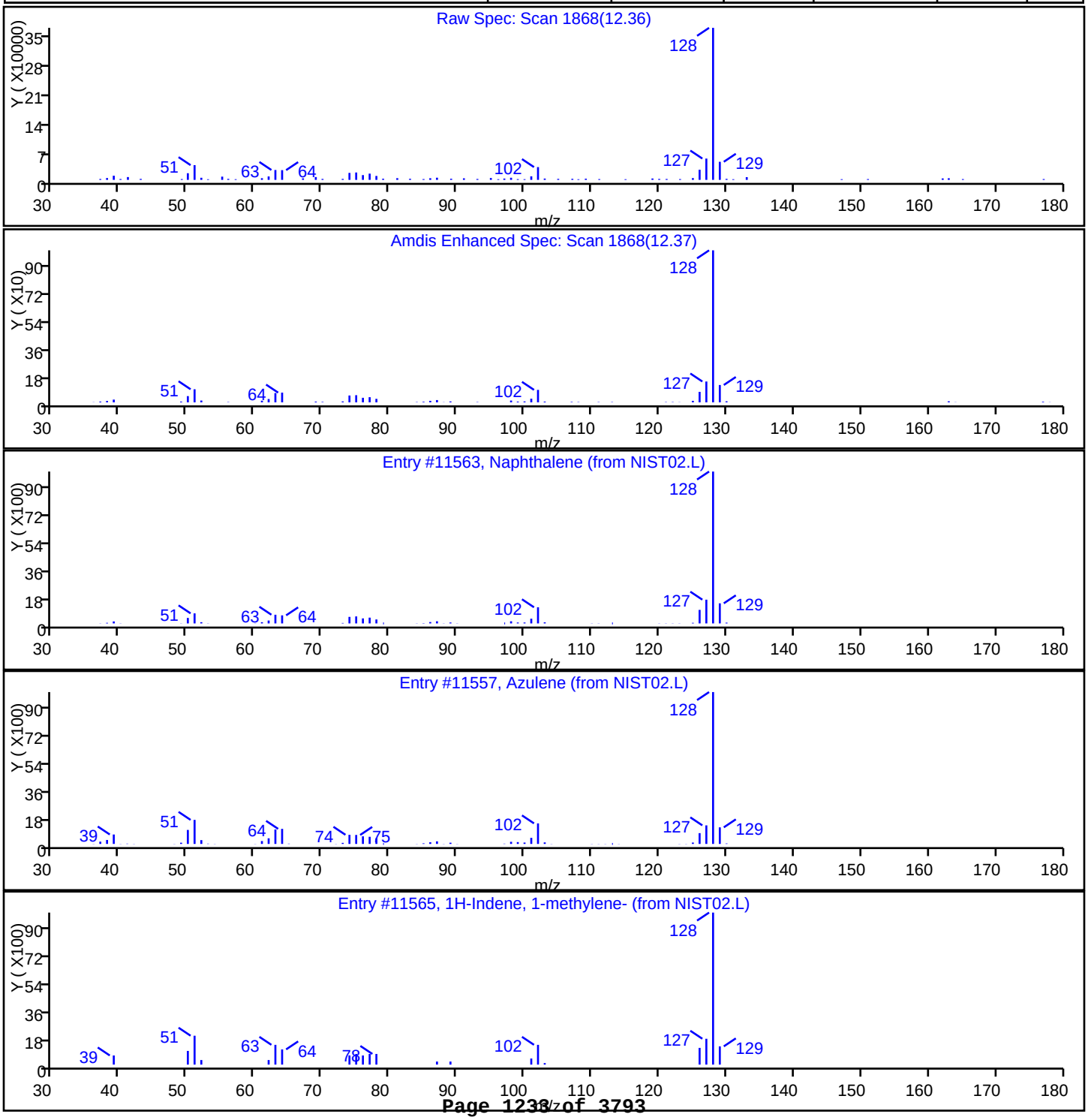
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 500.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene	91-20-3	NIST02.L	11563	C10H8	128	97
Azulene	275-51-4	NIST02.L	11557	C10H8	128	91
1H-Indene, 1-methylene-	2471-84-3	NIST02.L	11565	C10H8	128	90



Report Date: 14-Mar-2014 15:50:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date: 13-Mar-2014 19:56:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-29-A Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

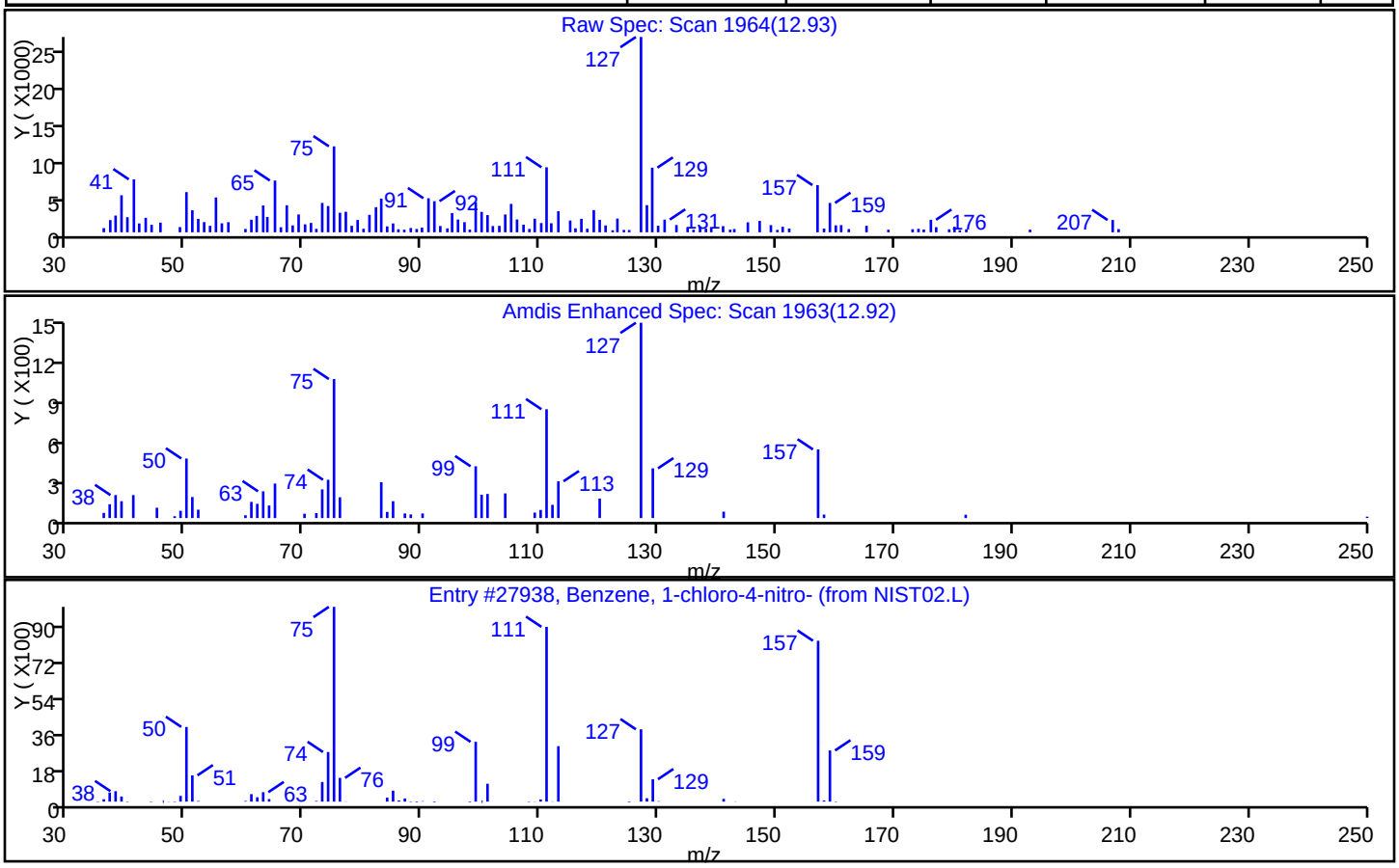
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 500.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-chloro-4-nitro-	100-00-5	NIST02.L	27938	C6H4ClNO2	157	78



Report Date: 14-Mar-2014 15:50:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date: 13-Mar-2014 19:56:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-29-A Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

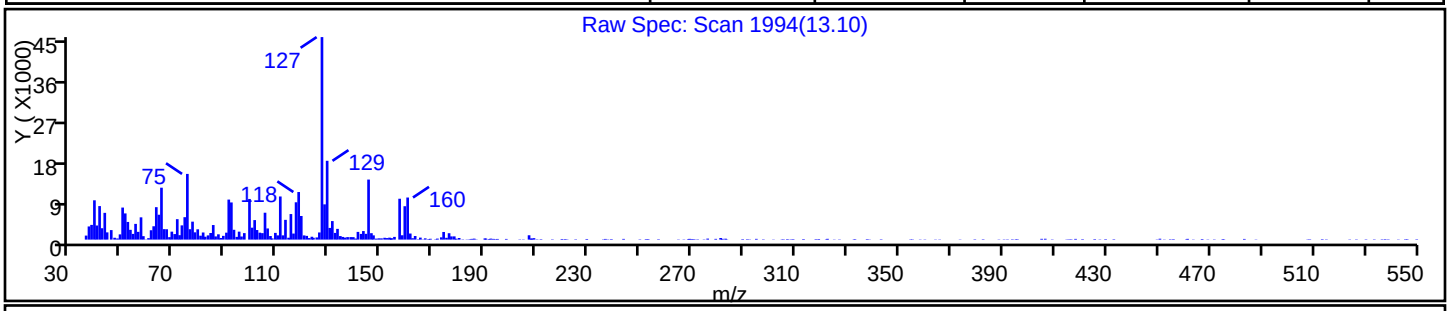
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26

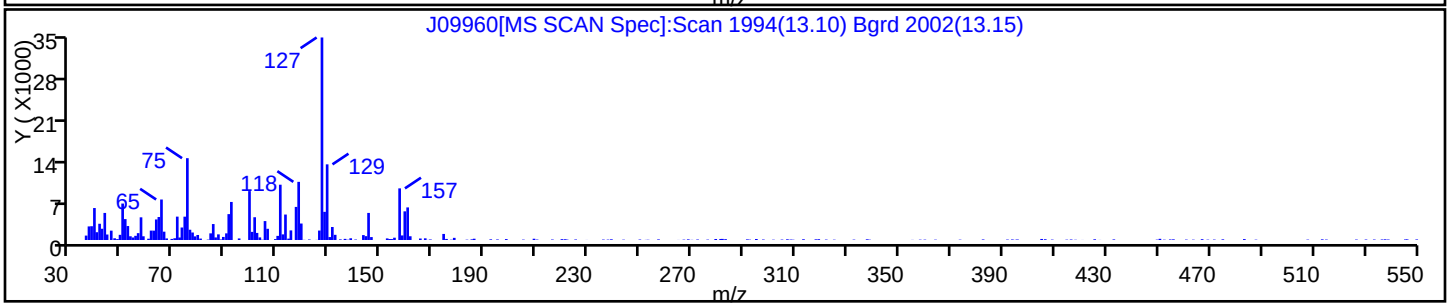
Purge Vol: 5.000 mL Dil. Factor: 500.0000

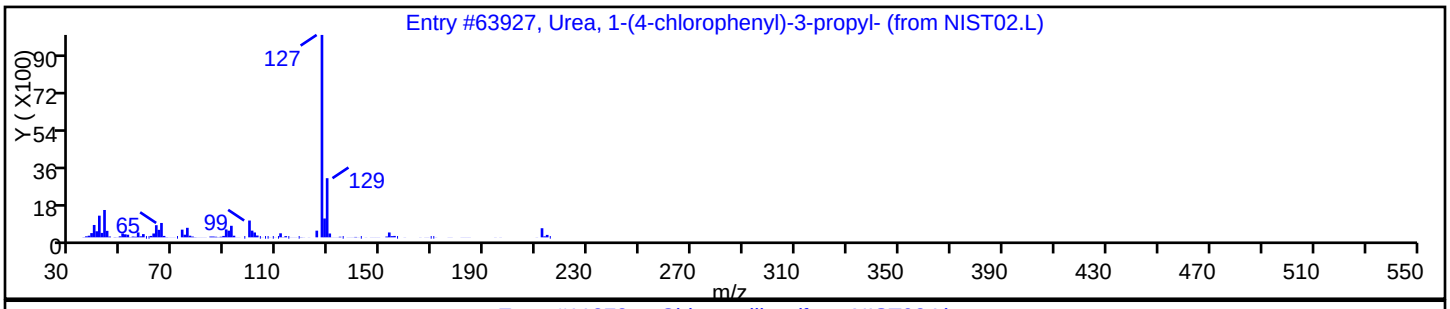
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

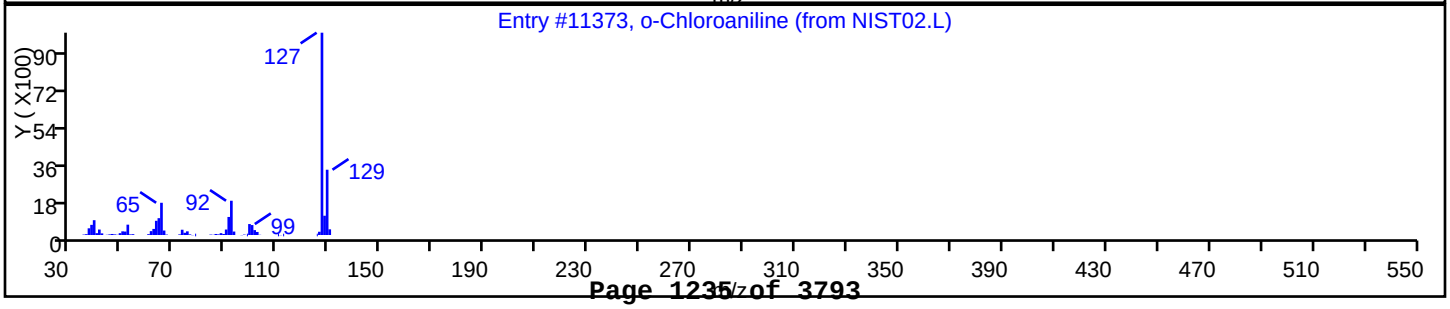
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown		NIST02.L	0		0	0
Urea, 1-(4-chlorophenyl)-3-propyl-	13208-64-5	NIST02.L	63927	C10H13ClN2	212	47
o-Chloroaniline	95-51-2	NIST02.L	11373	C6H6ClN	127	46









Report Date: 14-Mar-2014 15:50:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date: 13-Mar-2014 19:56:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-29-A Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

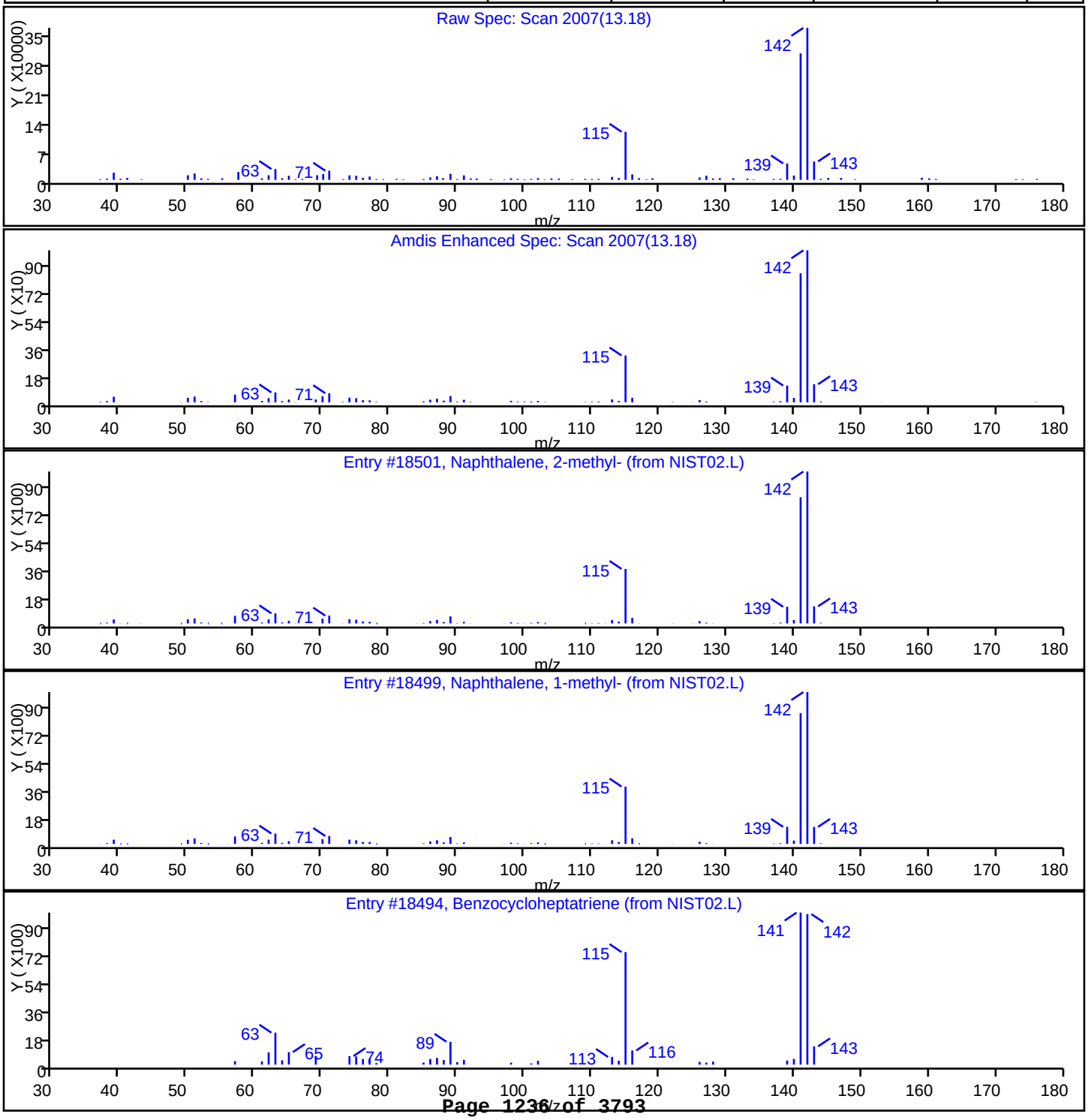
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 500.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	C11H10	142	94
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	C11H10	142	95
Benzocycloheptatriene	264-09-5	NIST02.L	18494	C11H10	142	91



Report Date: 14-Mar-2014 15:50:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date: 13-Mar-2014 19:56:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-29-A Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

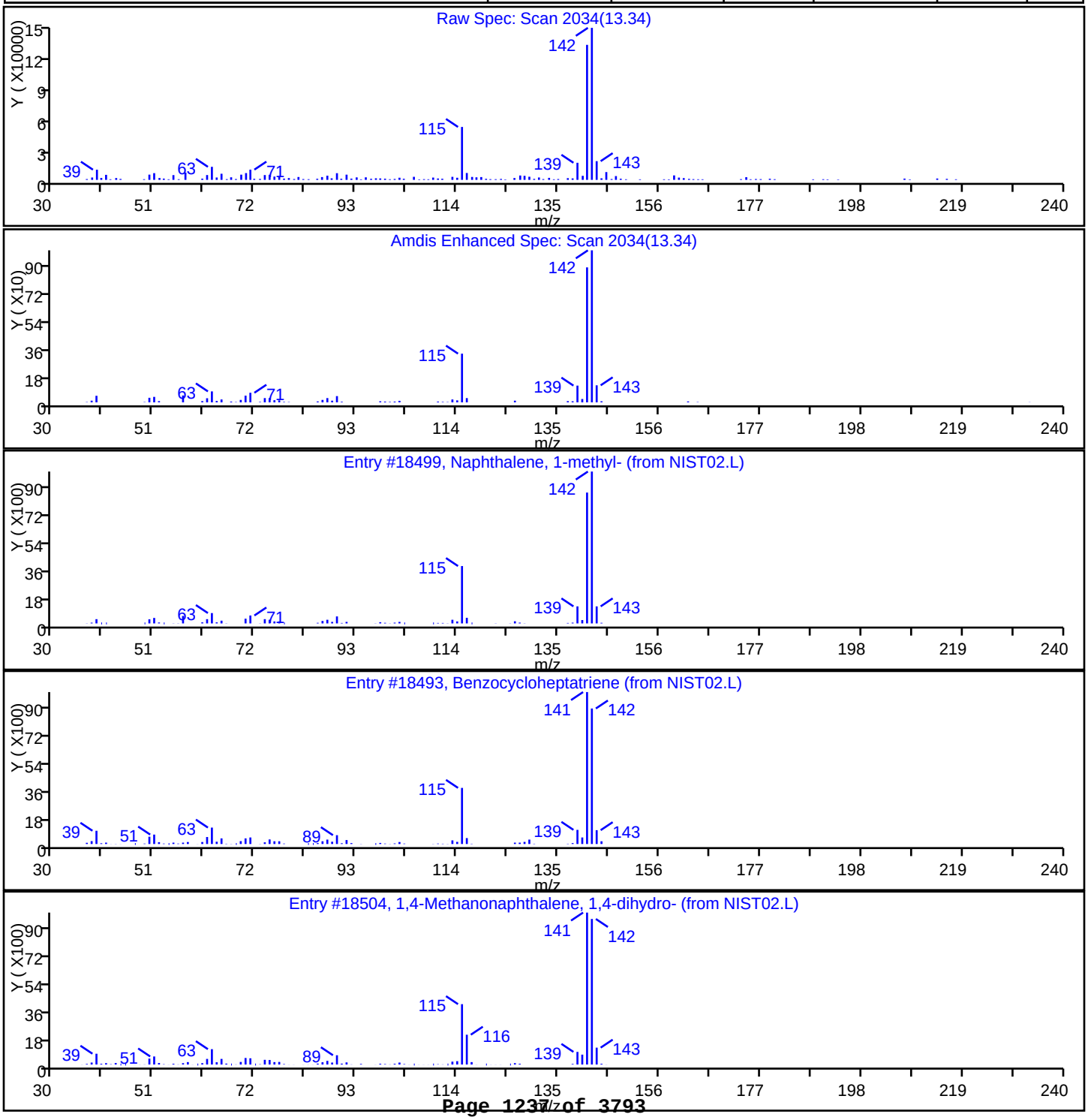
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 500.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	C11H10	142	96
Benzocycloheptatriene	264-09-5	NIST02.L	18493	C11H10	142	91
1,4-Methanonaphthalene, 1,4-dihydro-	4453-90-1	NIST02.L	18504	C11H10	142	91



Report Date: 14-Mar-2014 15:50:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date: 13-Mar-2014 19:56:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-29-A Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

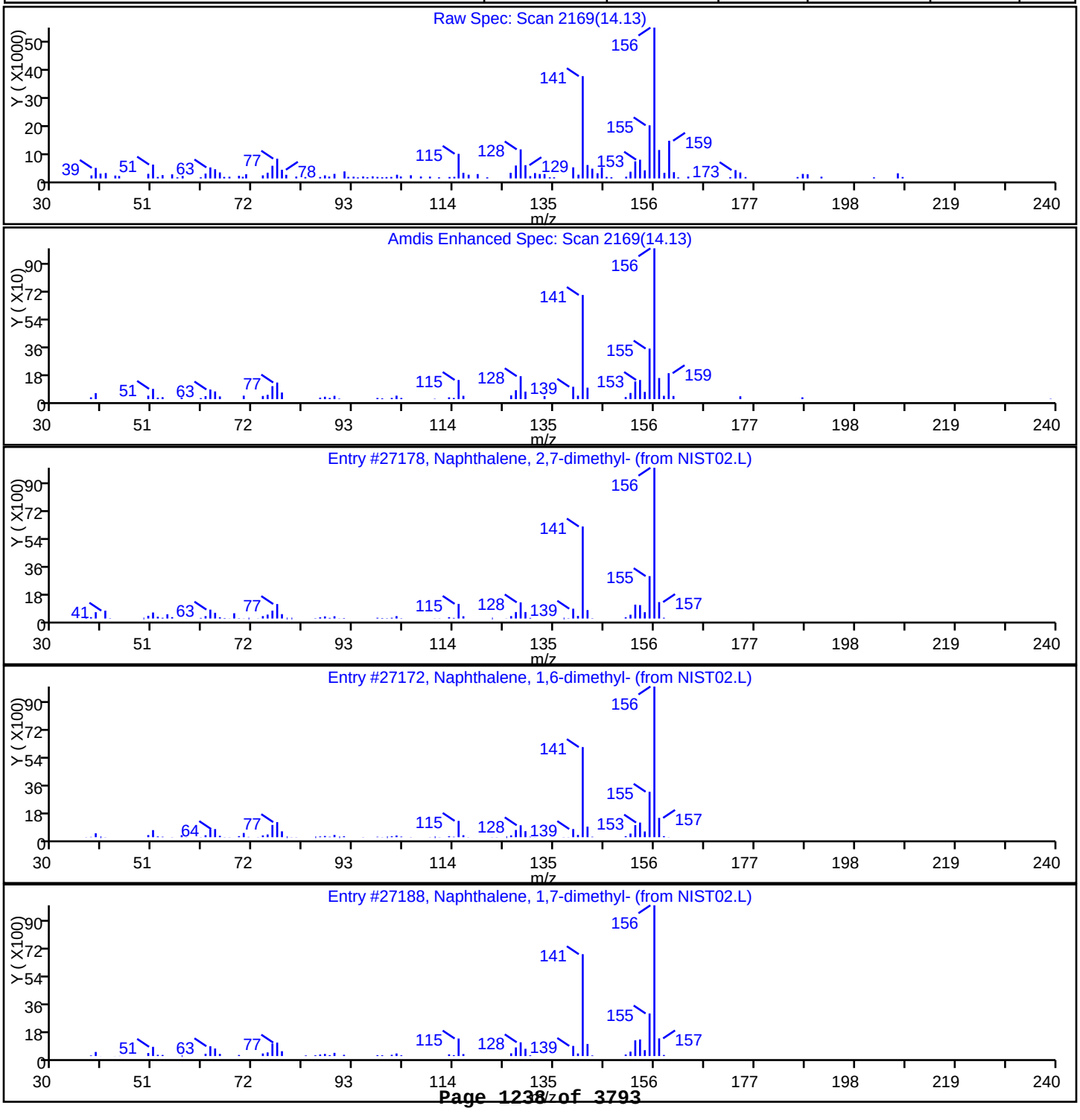
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 500.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.L	27178	C12H12	156	98
Naphthalene, 1,6-dimethyl-	575-43-9	NIST02.L	27172	C12H12	156	97
Naphthalene, 1,7-dimethyl-	575-37-1	NIST02.L	27188	C12H12	156	97



Report Date: 14-Mar-2014 15:50:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09960.D

Injection Date: 13-Mar-2014 19:56:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-29-A Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

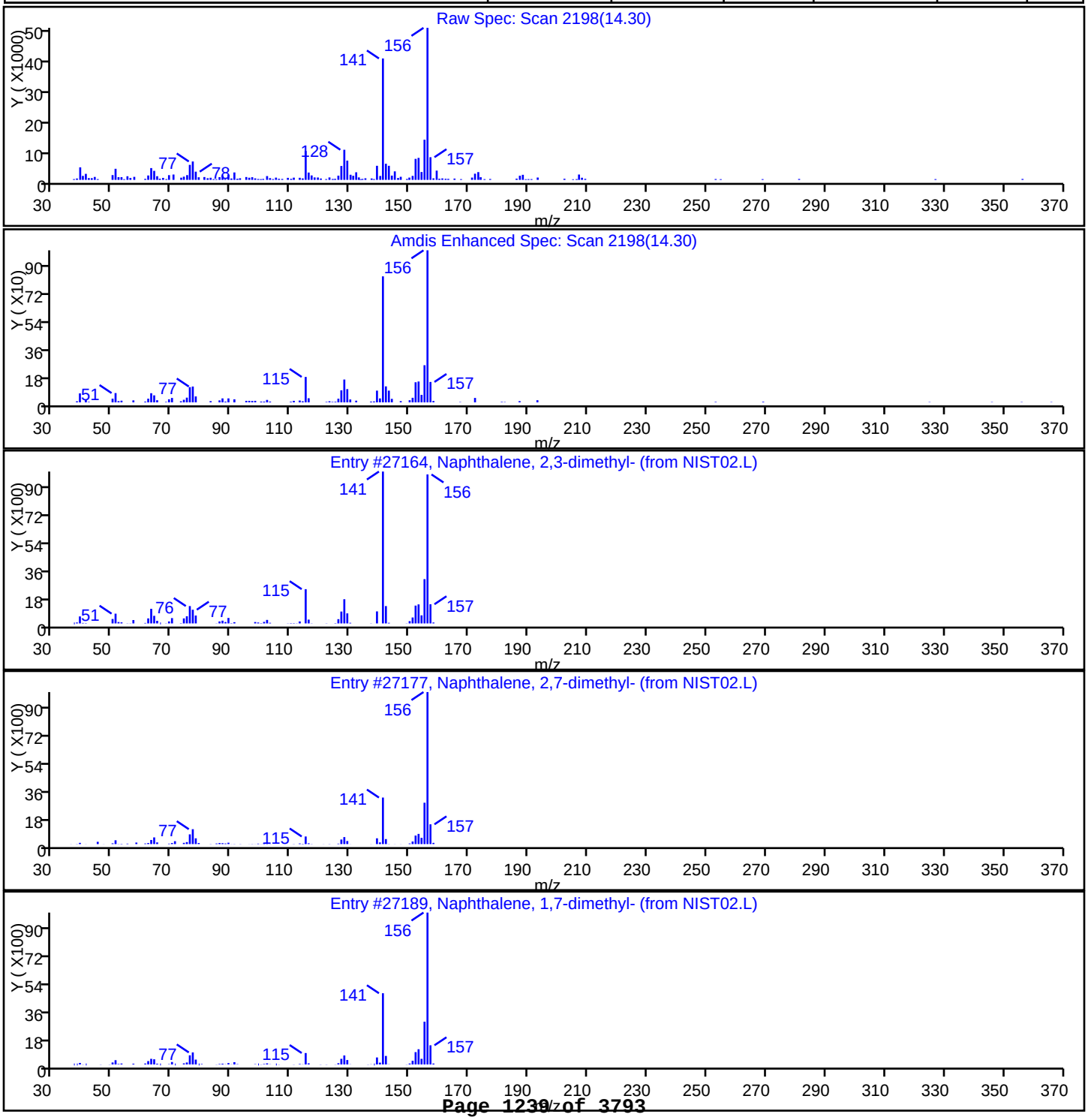
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 500.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2,3-dimethyl-	581-40-8	NIST02.L	27164	C12H12	156	98
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.L	27177	C12H12	156	97
Naphthalene, 1,7-dimethyl-	575-37-1	NIST02.L	27189	C12H12	156	97



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-SI | Lab Sample ID: 460-72174-30

Matrix: Solid | Lab File ID: J09955.D

Analysis Method: 8260B | Date Collected: 03/06/2014 12:40

Sample wt/vol: 5.063(g) | Date Analyzed: 03/13/2014 17:53

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.5 | Level: (low/med) Medium

Analysis Batch No.: 212315 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	11	U	110	11
74-83-9	Bromomethane	20	U	110	20
75-01-4	Vinyl chloride	16	U	110	16
75-00-3	Chloroethane	19	U	110	19
75-09-2	Methylene Chloride	21	U	110	21
67-64-1	Acetone	300	U	560	300
75-15-0	Carbon disulfide	14	U	110	14
75-69-4	Trichlorofluoromethane	16	U	110	16
75-35-4	1,1-Dichloroethene	10	U	110	10
75-34-3	1,1-Dichloroethane	15	U	110	15
156-60-5	trans-1,2-Dichloroethene	15	U	110	15
156-59-2	cis-1,2-Dichloroethene	20	U	110	20
67-66-3	Chloroform	270		110	8.9
78-93-3	2-Butanone	260	U	560	260
107-06-2	1,2-Dichloroethane	21	U	110	21
71-55-6	1,1,1-Trichloroethane	7.0	U	110	7.0
56-23-5	Carbon tetrachloride	6.4	U	110	6.4
71-43-2	Benzene	9.3	U	110	9.3
75-25-2	Bromoform	22	U	110	22
100-42-5	Styrene	13	U	110	13
100-41-4	Ethylbenzene	170		110	11
108-90-7	Chlorobenzene	82	J	110	12
110-82-7	Cyclohexane	18	U	110	18
98-82-8	Isopropylbenzene	37	J	110	8.6
591-78-6	2-Hexanone	56	U *	560	56
1634-04-4	MTBE	16	U	110	16
76-13-1	Freon TF	9.3	U	110	9.3
79-20-9	Methyl acetate	38	U	560	38
123-91-1	1,4-Dioxane	4100	U	5600	4100
79-01-6	Trichloroethene	270		110	10
108-88-3	Toluene	19	J	110	17
10061-02-6	trans-1,3-Dichloropropene	27	U	110	27
108-10-1	4-Methyl-2-pentanone	110	U	560	110
10061-01-5	cis-1,3-Dichloropropene	21	U	110	21
95-50-1	1,2-Dichlorobenzene	420		110	23
541-73-1	1,3-Dichlorobenzene	16	J	110	15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-SI | Lab Sample ID: 460-72174-30

Matrix: Solid | Lab File ID: J09955.D

Analysis Method: 8260B | Date Collected: 03/06/2014 12:40

Sample wt/vol: 5.063(g) | Date Analyzed: 03/13/2014 17:53

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.5 | Level: (low/med) Medium

Analysis Batch No.: 212315 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	74	J	110	26
120-82-1	1,2,4-Trichlorobenzene	7700		110	39
87-61-6	1,2,3-Trichlorobenzene	1600		110	58
78-87-5	1,2-Dichloropropane	9.7	U	110	9.7
108-87-2	Methylcyclohexane	120		110	15
127-18-4	Tetrachloroethene	81	J	110	11
1330-20-7	Xylenes, Total	1800		230	41
96-12-8	1,2-Dibromo-3-Chloropropane	45	U	110	45
79-34-5	1,1,2,2-Tetrachloroethane	18	U	110	18
79-00-5	1,1,2-Trichloroethane	21	U	110	21
124-48-1	Dibromochloromethane	23	U	110	23
106-93-4	1,2-Dibromoethane	31	U	110	31
75-71-8	Dichlorodifluoromethane	24	U	110	24
74-97-5	Bromochloromethane	31	U	110	31
75-27-4	Bromodichloromethane	14	U	110	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	78		75-135
2037-26-5	Toluene-d8 (Surr)	77		59-150
460-00-4	Bromofluorobenzene	76		72-133
1868-53-7	Dibromofluoromethane (Surr)	72		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-SI | Lab Sample ID: 460-72174-30

Matrix: Solid | Lab File ID: J09955.D

Analysis Method: 8260B | Date Collected: 03/06/2014 12:40

Sample wt/vol: 5.063(g) | Date Analyzed: 03/13/2014 17:53

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.5 | Level: (low/med) Medium

Analysis Batch No.: 212315 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 40900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
2783-26-8	2-Tolyloxirane	11.12	2400	J N
493-02-7	Naphthalene, decahydro-, trans-	11.15	4700	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.48	4200	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.54	2800	J N
933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	11.66	4900	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.92	7600	J N
3277-26-7	Disiloxane, 1,1,3,3-tetramethyl-	12.13	3200	J N
56253-64-6	Benzene, (2-methyl-1-butenyl)-	12.22	4300	J N
769-57-3	.alpha.,.beta.,.beta.-Trimethylstyrene	12.72	2600	J N
91-57-6	Naphthalene, 2-methyl-	13.18	4200	J N

Report Date: 14-Mar-2014 15:39:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09955.D
Lims ID: 460-72174-A-30-A Lab Sample ID: 460-72174-30
Client ID: PMP-24SW-SI
Sample Type: Client
Inject. Date: 13-Mar-2014 17:53:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-72174-A-30-A
Misc. Info.: 460-0010809-021
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 15:39:38 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: patelv1 Date: 14-Mar-2014 15:39:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	3.198	3.180	0.018	70	400455	1000.0	
47 Chloroform	83	4.567	4.567	0.0	90	16076	2.36	
$ 152 Dibromofluoromethane (Surr)	113	4.731	4.731	0.0	92	155714	36.2	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.084	5.084	0.0	96	229816	39.1	
* 59 Fluorobenzene	96	5.354	5.354	0.0	97	783494	50.0	
61 Trichloroethene	95	5.701	5.707	-0.006	89	8823	2.36	
63 Methylcyclohexane	83	5.824	5.830	-0.006	69	5154	1.10	
* 150 1,4-Dioxane-d8	96	6.065	6.053	0.012	70	48693	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.029	7.029	0.0	98	637531	38.6	
77 Toluene	91	7.105	7.105	0.0	66	2581	0.1708	
80 Tetrachloroethene	166	7.710	7.716	-0.006	70	2527	0.7143	
* 87 Chlorobenzene-d5	117	8.815	8.821	-0.006	86	673112	50.0	
88 Chlorobenzene	112	8.856	8.856	0.0	60	7393	0.7237	
89 Ethylbenzene	106	8.950	8.956	-0.006	95	7860	1.51	
91 m-Xylene & p-Xylene	106	9.114	9.114	0.0	96	49269	7.50	
92 o-Xylene	106	9.561	9.561	0.0	89	53100	8.20	
98 Isopropylbenzene	105	9.902	9.902	0.0	66	4725	0.3313	
$ 99 4-Bromofluorobenzene	174	10.084	10.084	0.0	90	220082	38.2	
115 1,3-Dichlorobenzene	146	10.906	10.906	0.0	15	1259	0.1442	
* 116 1,4-Dichlorobenzene-d4	152	10.959	10.959	0.0	96	415050	50.0	
117 1,4-Dichlorobenzene	146	10.977	10.977	0.0	27	5992	0.6575	
121 1,2-Dichlorobenzene	146	11.224	11.224	0.0	83	32912	3.70	
124 1,2,4-Trichlorobenzene	180	12.193	12.193	0.0	92	386637	68.4	
128 1,2,3-Trichlorobenzene	180	12.528	12.528	0.0	82	73954	14.3	
S 131 Xylenes, Total	100				0		15.7	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09955.D				
Lims ID:	460-72174-A-30-A	Lab Sample ID:	460-72174-30		
Client ID:	PMP-24SW-SI				
Sample Type:	Client				
Inject. Date:	13-Mar-2014 17:53:30	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Sample Info:	460-72174-A-30-A				
Misc. Info.:	460-0010809-021				
Operator ID:		Instrument ID:	CVOAMS8		
Method:	\\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\8260_W8.m				
Limit Group:	VOA - 8260B Water and Solid				
Last Update:	14-Mar-2014 15:39:38	Calib Date:	09-Mar-2014 13:34:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L				
Min. Match:	20				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK009				
First Level Reviewer: patelv1		Date:	14-Mar-2014 15:39:38		

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
2783-26-8 2-Tolyloxirane								
11.118	1061401	21.7	116	60	14756	C9H10O	134	
493-02-7 Naphthalene, decahydro-, trans-								
11.147	2033442	41.5	116	94	16315	C10H18	138	
1595-16-0 Benzene, 1-methyl-4-(1-methylpropyl)-								
11.476	1842772	37.6	116	49	21844	C11H16	148	
2958-76-1 Naphthalene, decahydro-2-methyl-								
11.541	1193732	24.4	116	60	24328	C11H20	152	
933-98-2 Benzene, 1-ethyl-2,3-dimethyl-								
11.664	2140530	43.7	116	90	14369	C10H14	134	
95-93-2 Benzene, 1,2,4,5-tetramethyl-								
11.923	3298028	67.4	116	93	14361	C10H14	134	
3277-26-7 Disiloxane, 1,1,3,3-tetramethyl-								
12.134	1383705	28.3	116	72	14460	C4H14OSi2	134	
56253-64-6 Benzene, (2-methyl-1-butenyl)-								
12.222	1874227	38.3	116	90	20721	C11H14	146	
769-57-3 .alpha.,.beta.,.beta.-Trimethylstyrene								
12.716	1139877	23.3	116	95	20750	C11H14	146	
91-57-6 Naphthalene, 2-methyl-								
13.180	1811819	37.0	116	95	18501	C11H10	142	

Report Date: 14-Mar-2014 15:39:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09955.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.959	2448384	50.0

QC Flag Legend

Processing Flags

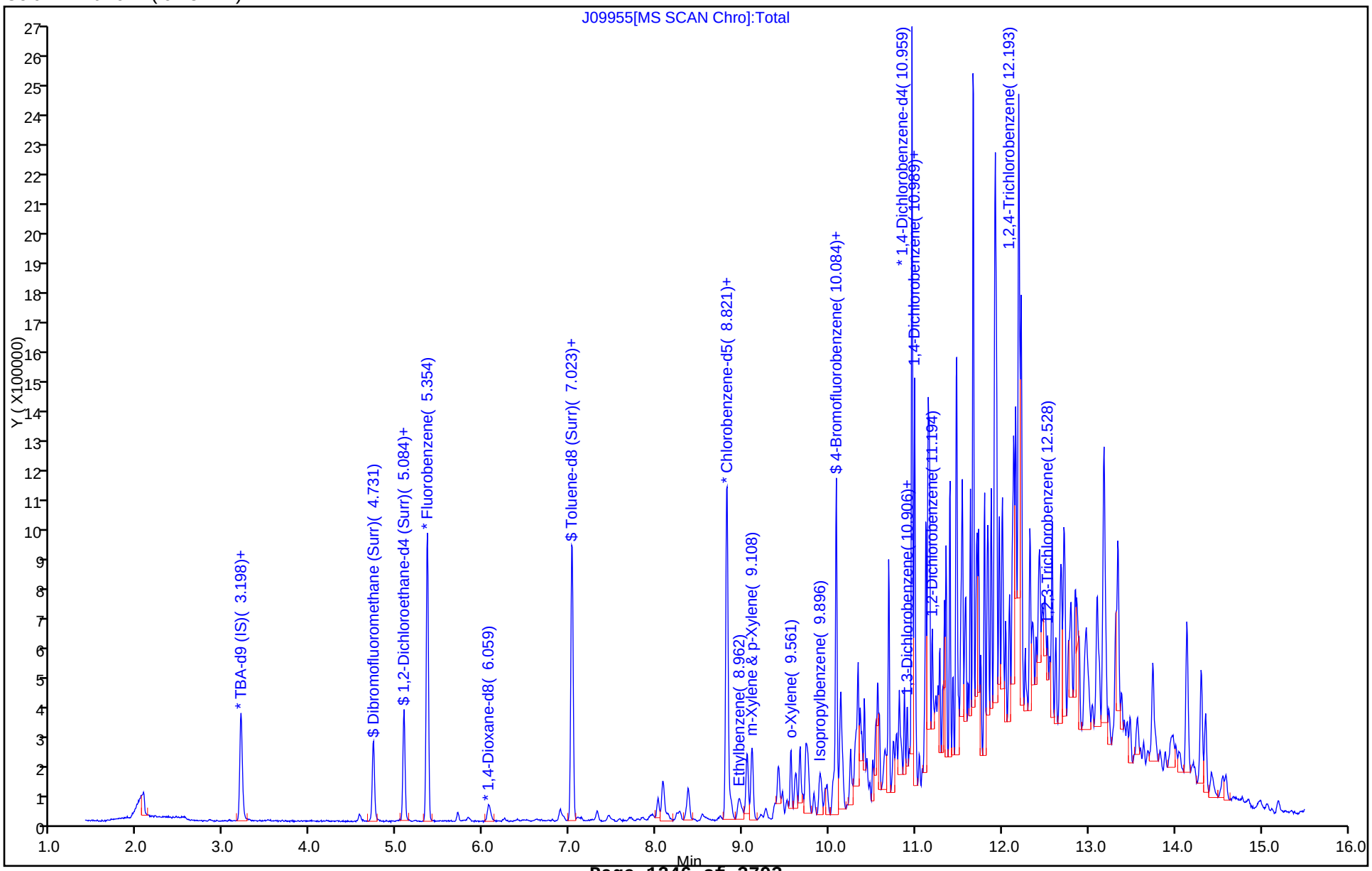
Report Date: 14-Mar-2014 15:39:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09955.D

Injection Date:	13-Mar-2014 17:53:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-72174-A-30-A	Lab Sample ID:	460-72174-30	Worklist Smp#:	21
Client ID:	PMP-24SW-SI				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	20
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



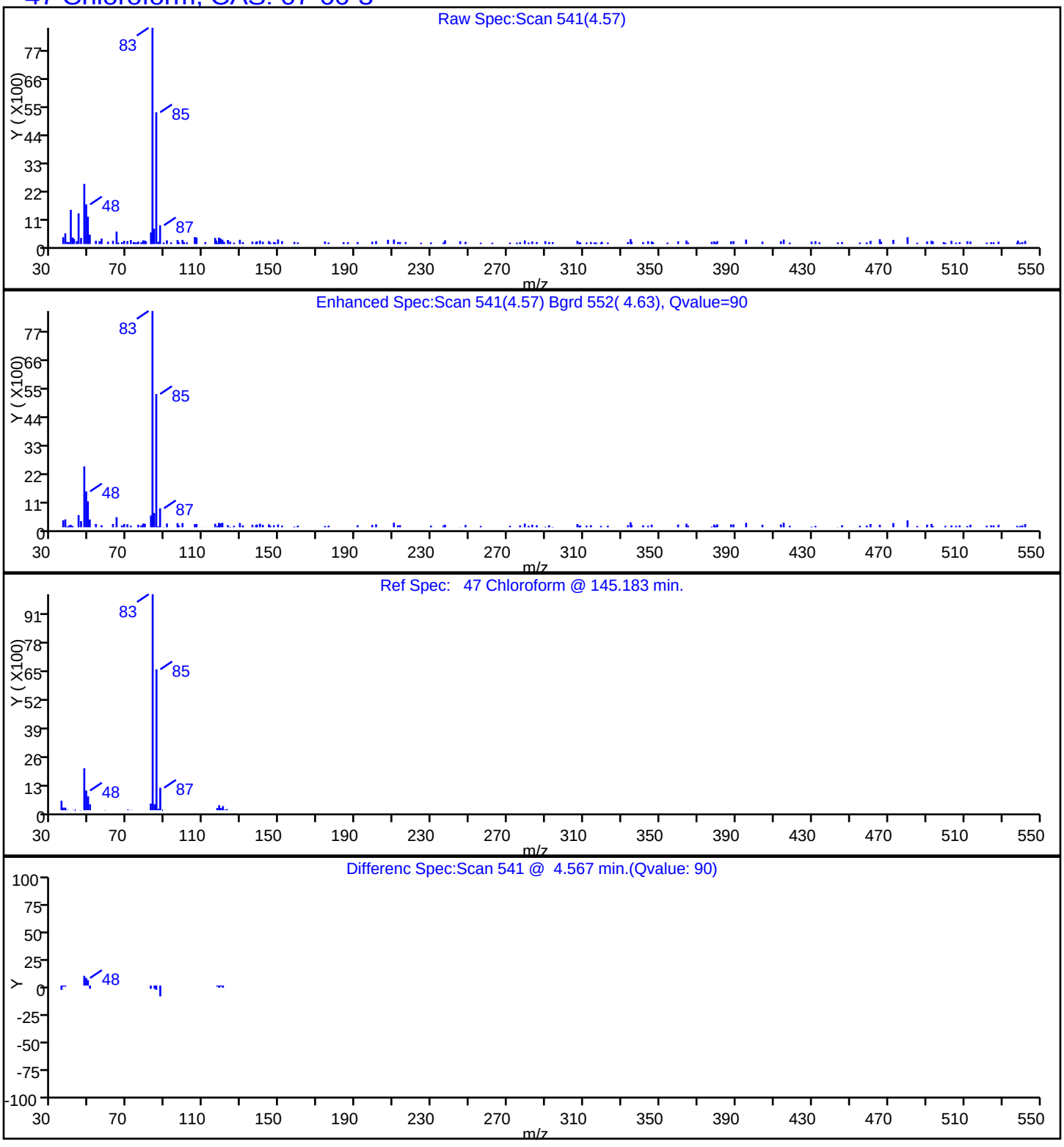
Report Date: 14-Mar-2014 15:39:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09955.D

Injection Date:	13-Mar-2014 17:53:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-30-A	Lab Sample ID:	460-72174-30		
Client ID:	PMP-24SW-SI				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

47 Chloroform, CAS: 67-66-3



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TestAmerica Edison

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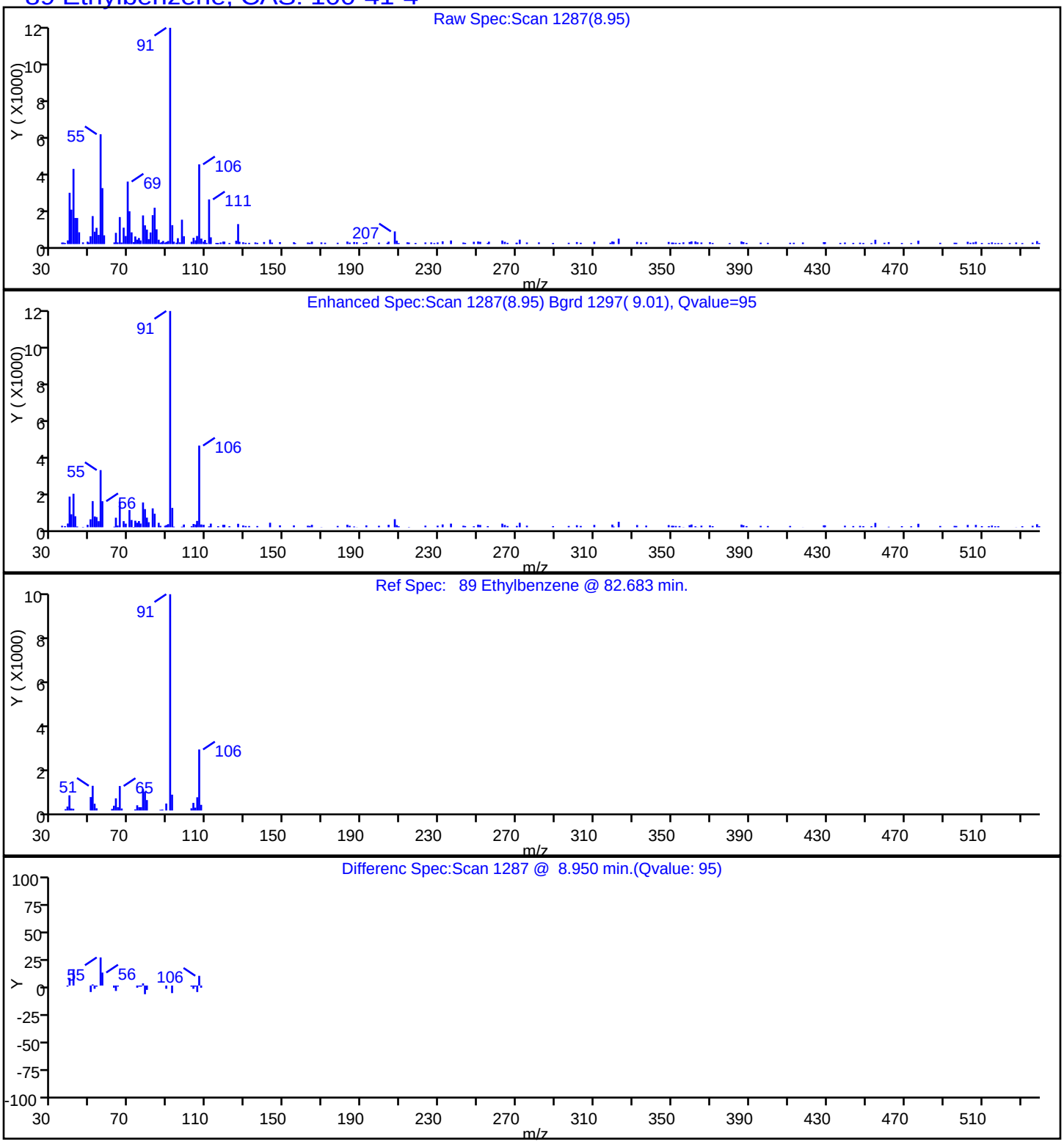
Injection Date:	13-Mar-2014 17:53:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-30-A	Lab Sample ID:	460-72174-30		
Client ID:	PMP-24SW-SI				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

89 Ethylbenzene, CAS: 100-41-4



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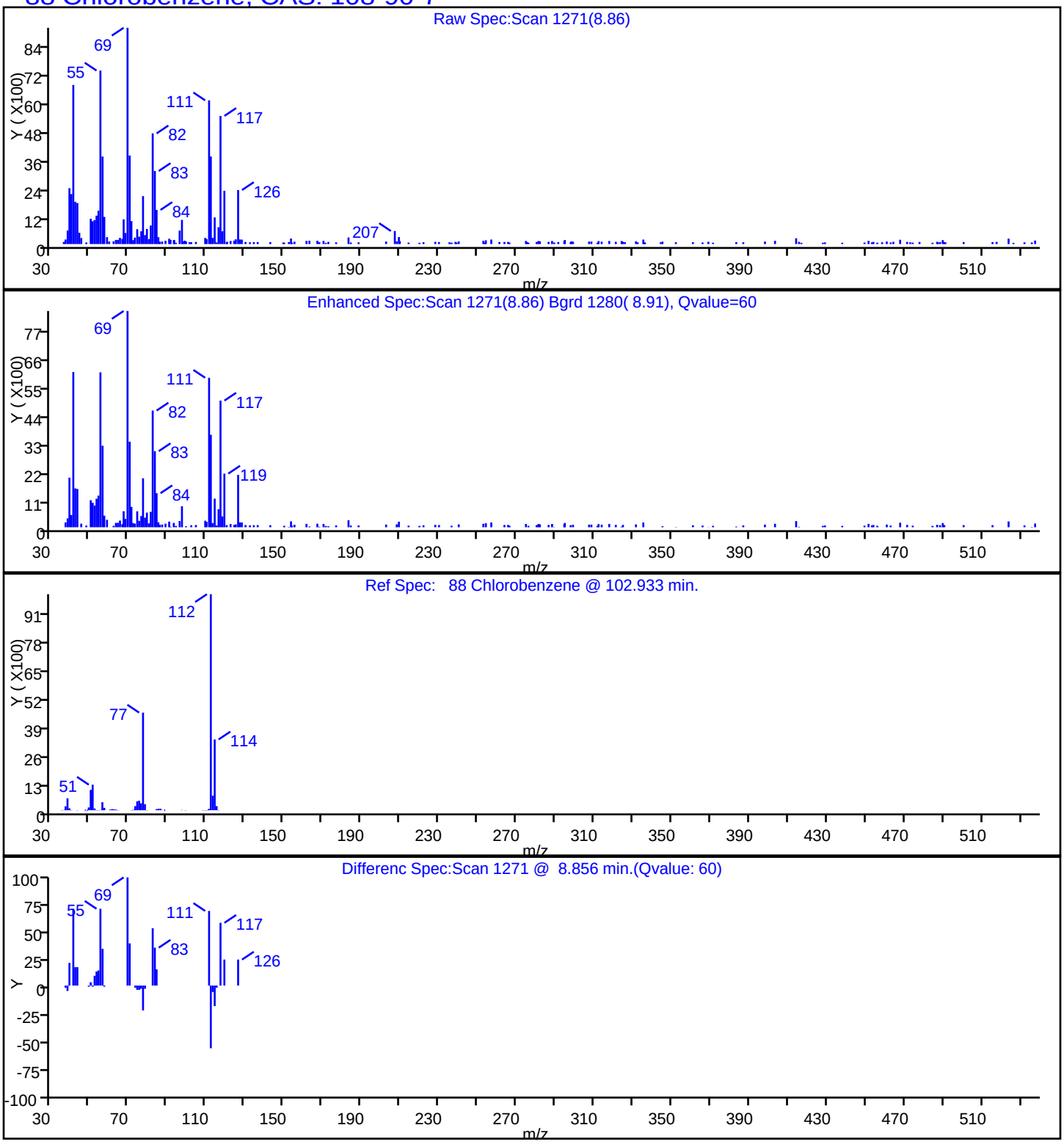
Injection Date:	13-Mar-2014 17:53:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-30-A	Lab Sample ID:	460-72174-30		
Client ID:	PMP-24SW-SI				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

88 Chlorobenzene, CAS: 108-90-7



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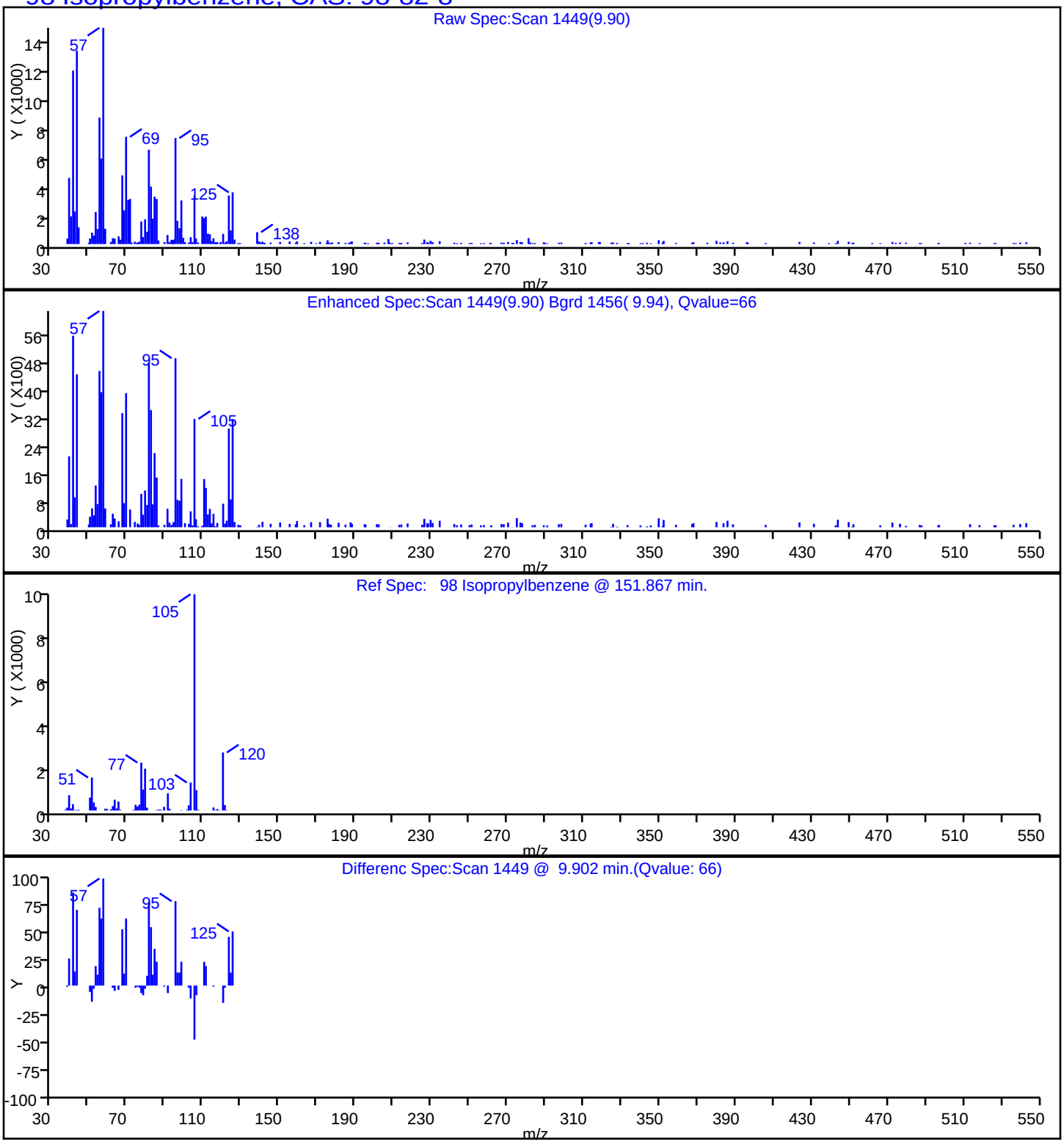
Injection Date:	13-Mar-2014 17:53:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-30-A	Lab Sample ID:	460-72174-30		
Client ID:	PMP-24SW-SI				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

98 Isopropylbenzene, CAS: 98-82-8



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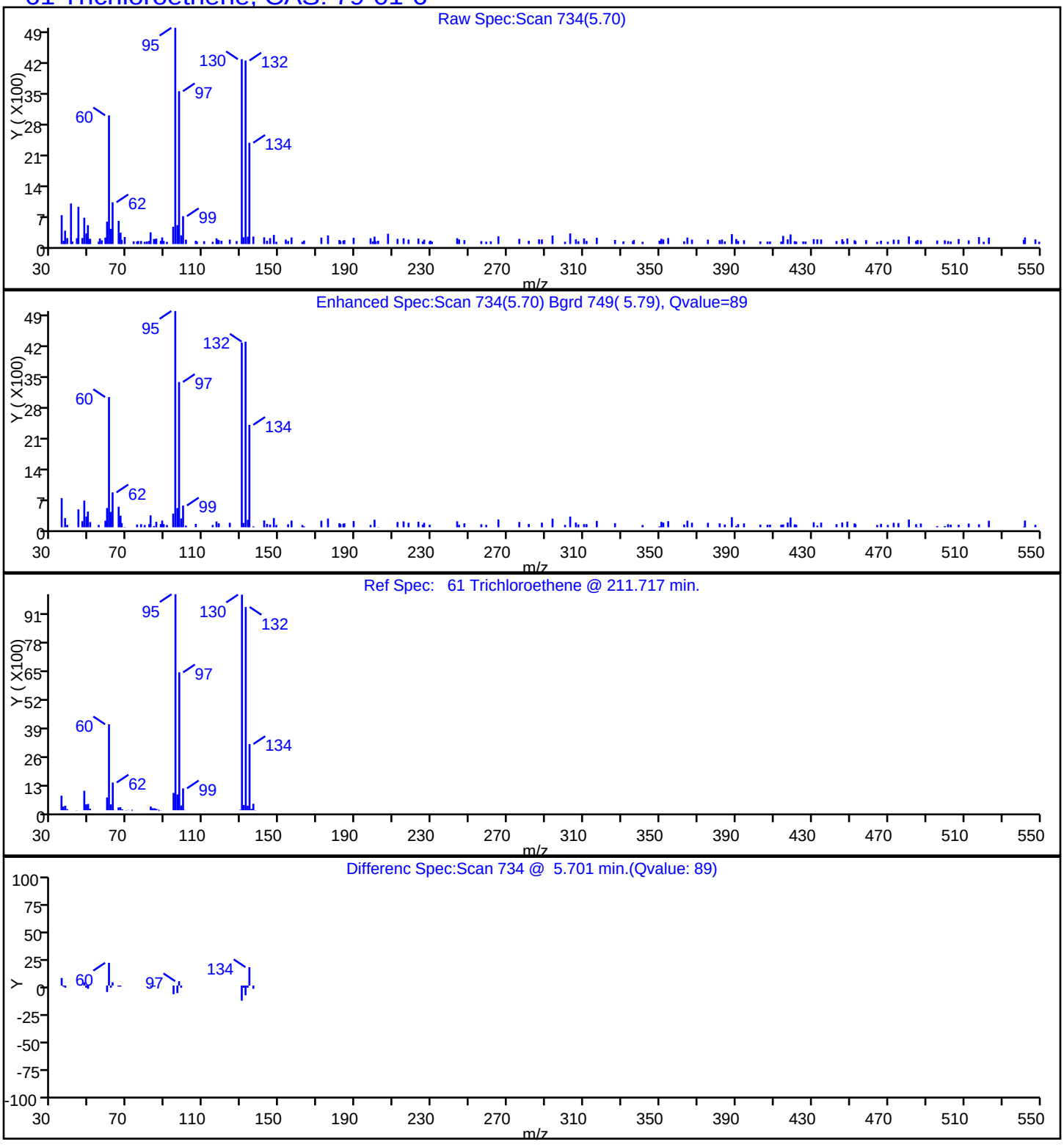
Injection Date:	13-Mar-2014 17:53:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-30-A	Lab Sample ID:	460-72174-30		
Client ID:	PMP-24SW-SI				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

61 Trichloroethene, CAS: 79-01-6



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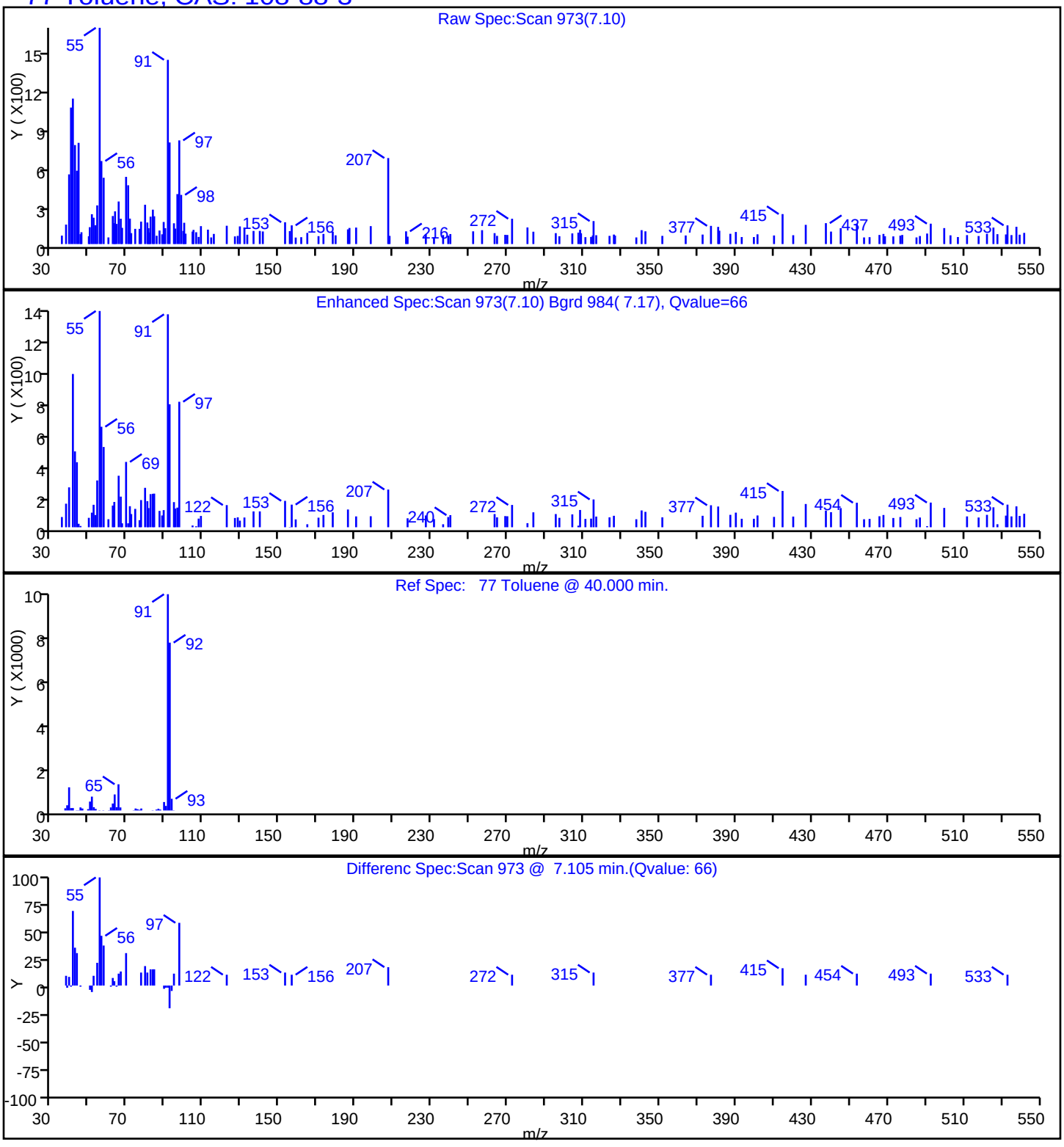
Injection Date:	13-Mar-2014 17:53:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-30-A	Lab Sample ID:	460-72174-30		
Client ID:	PMP-24SW-SI				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

77 Toluene, CAS: 108-88-3



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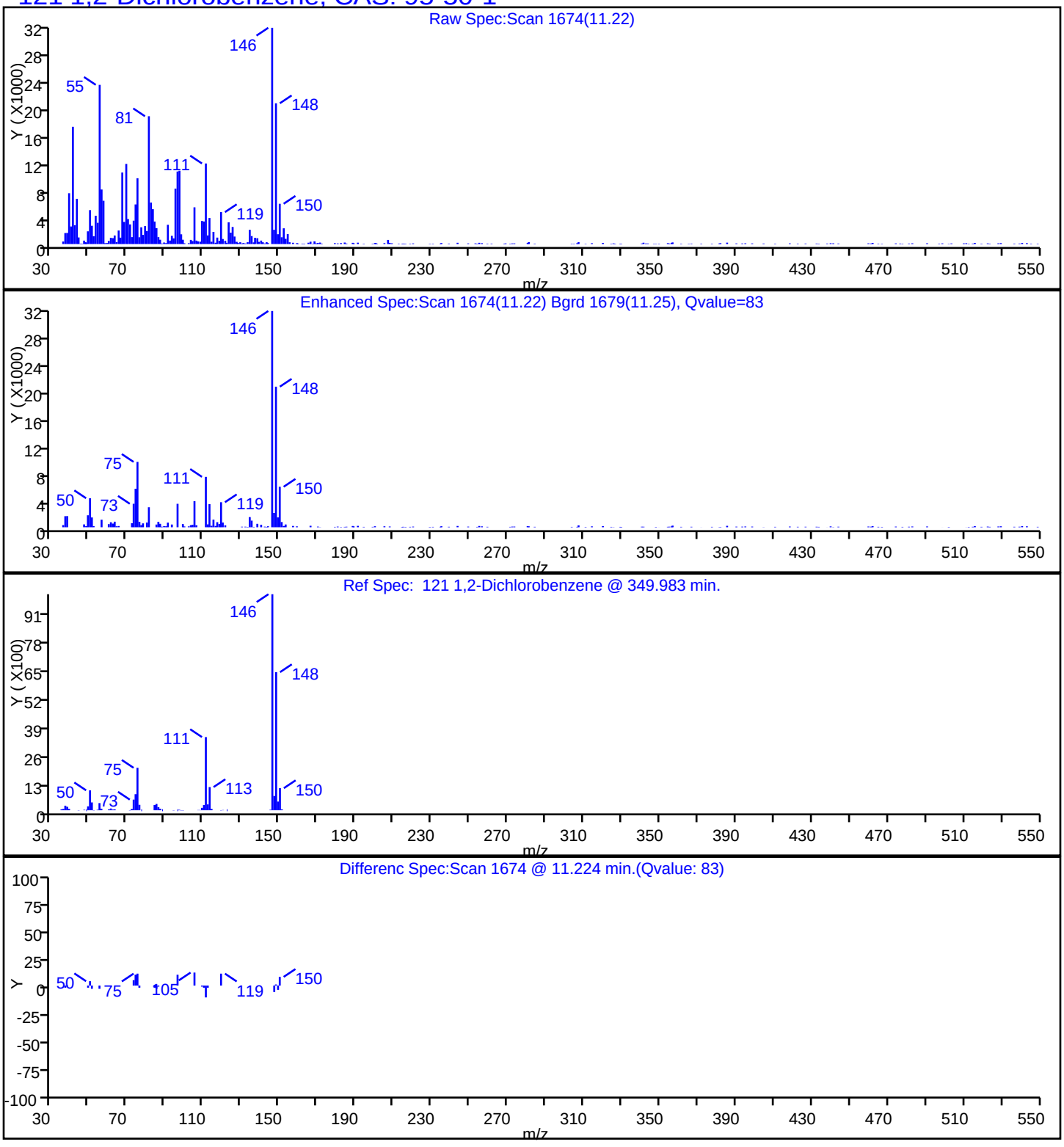
Injection Date:	13-Mar-2014 17:53:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-30-A	Lab Sample ID:	460-72174-30		
Client ID:	PMP-24SW-SI				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

121 1,2-Dichlorobenzene, CAS: 95-50-1



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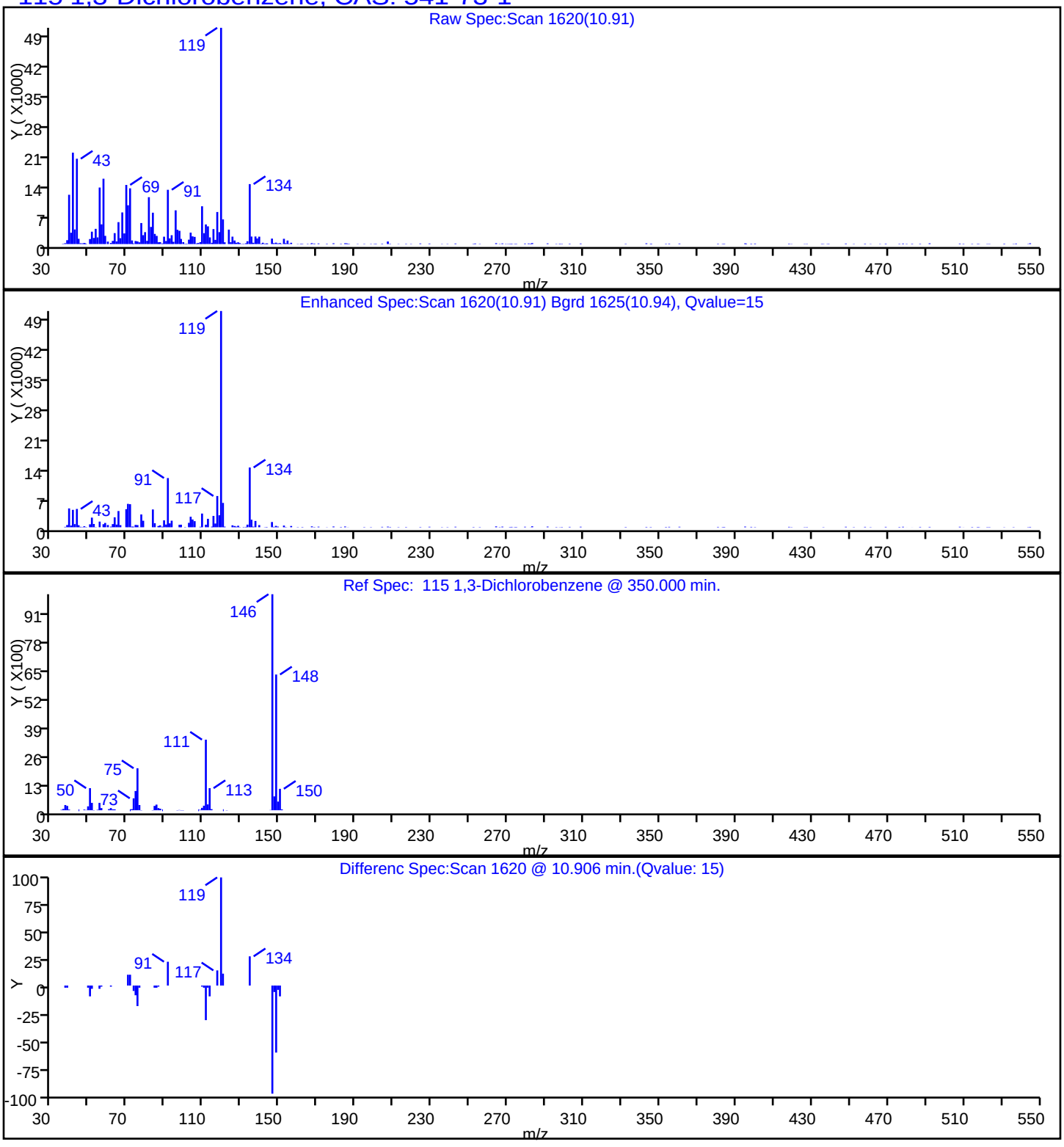
Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09955.D

Injection Date:	13-Mar-2014 17:53:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-30-A	Lab Sample ID:	460-72174-30		
Client ID:	PMP-24SW-SI				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

115 1,3-Dichlorobenzene, CAS: 541-73-1



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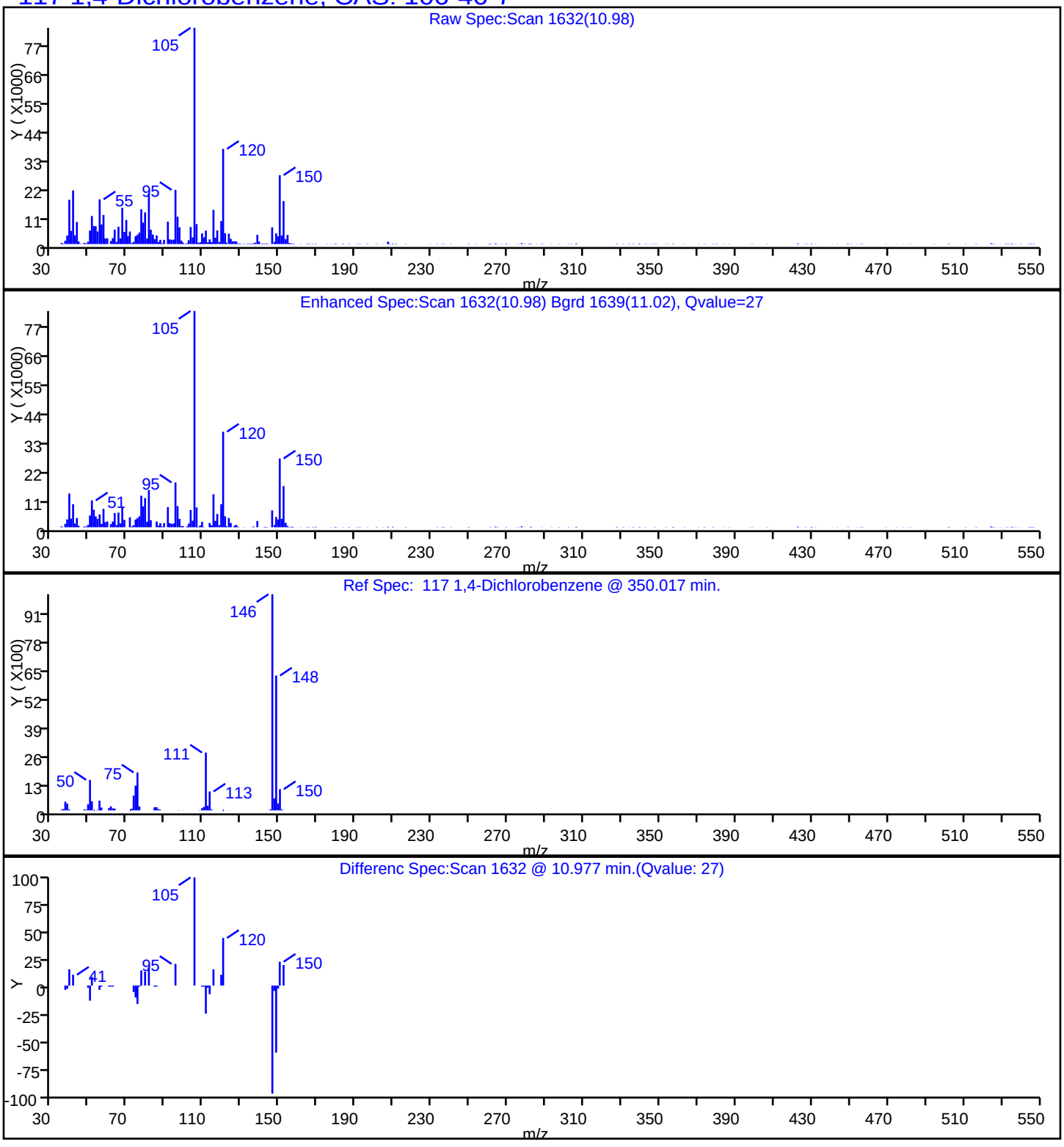
Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09955.D

Injection Date:	13-Mar-2014 17:53:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-30-A	Lab Sample ID:	460-72174-30		
Client ID:	PMP-24SW-SI				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

117 1,4-Dichlorobenzene, CAS: 106-46-7



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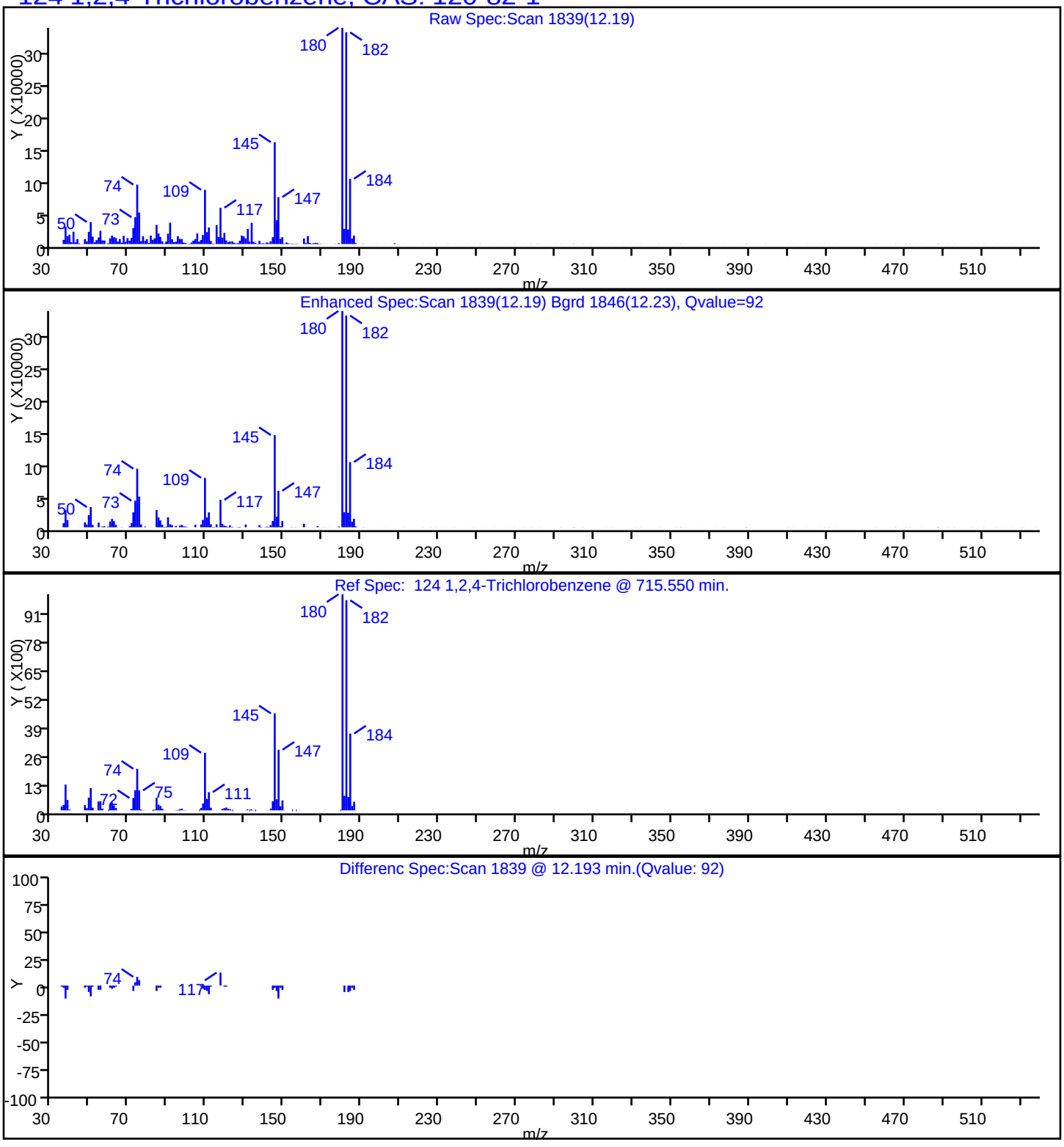
Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09955.D

Injection Date:	13-Mar-2014 17:53:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-30-A	Lab Sample ID:	460-72174-30		
Client ID:	PMP-24SW-SI				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



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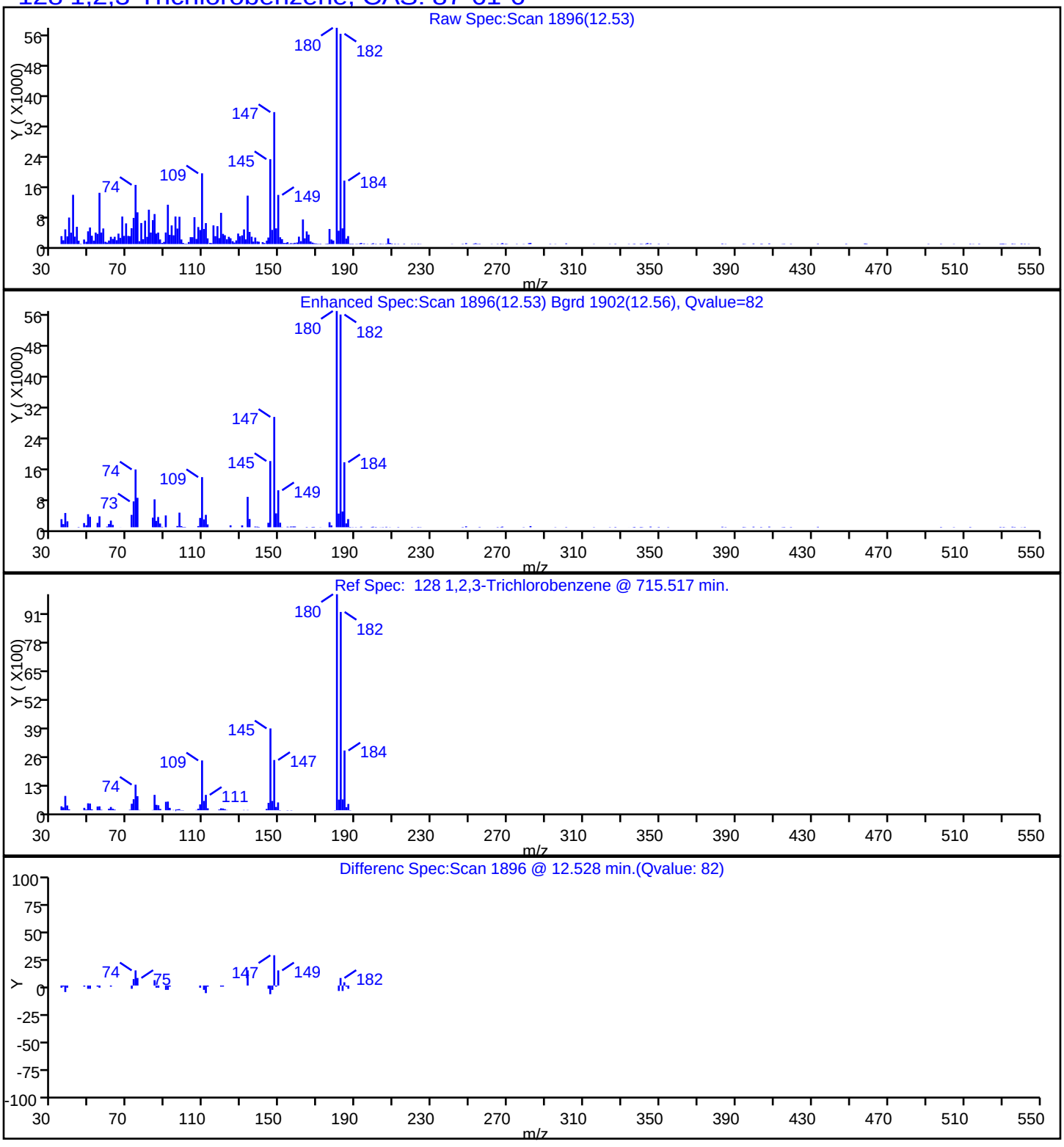
Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09955.D

Injection Date:	13-Mar-2014 17:53:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-30-A	Lab Sample ID:	460-72174-30		
Client ID:	PMP-24SW-SI				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



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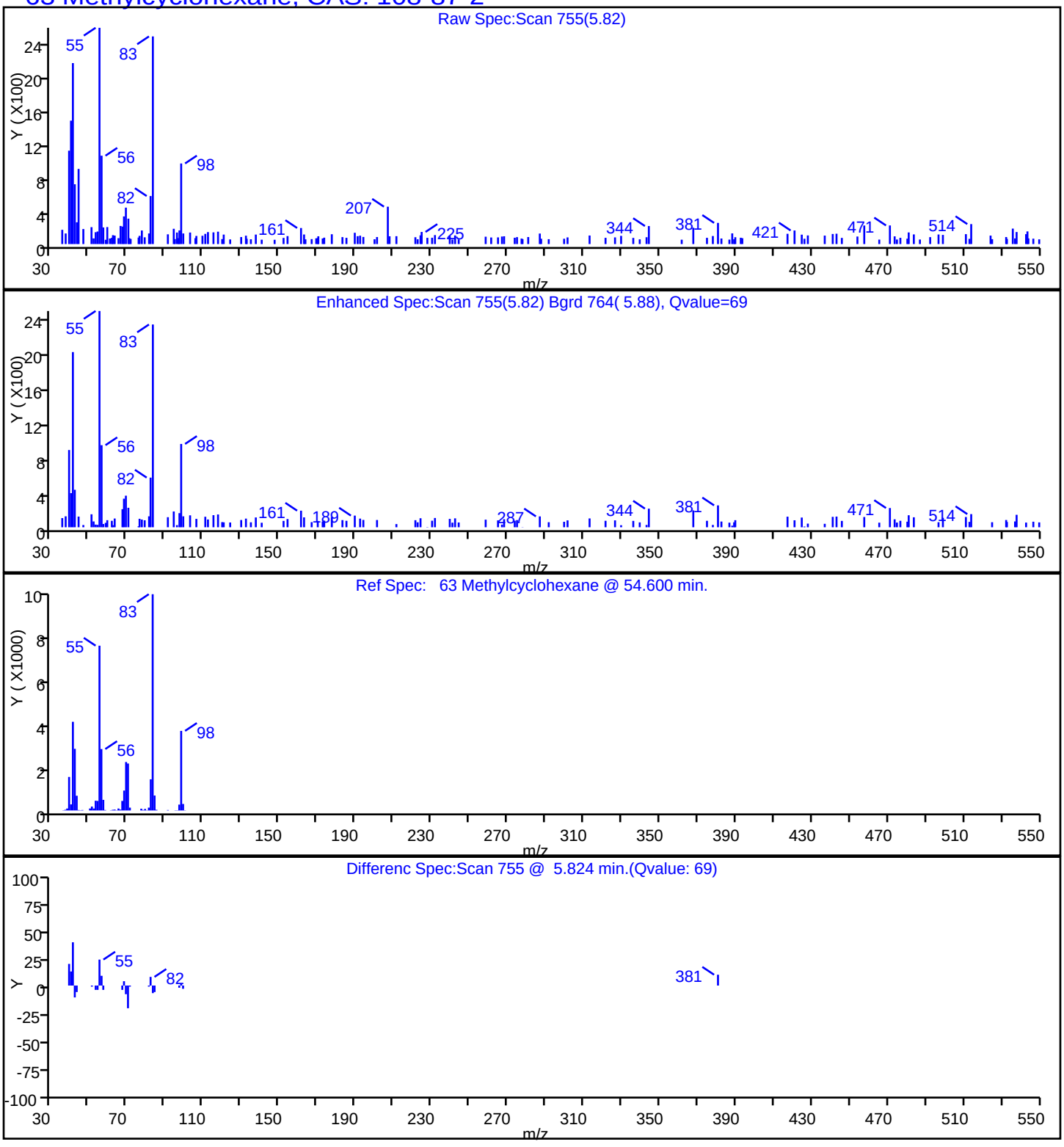
Injection Date:	13-Mar-2014 17:53:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-30-A	Lab Sample ID:	460-72174-30		
Client ID:	PMP-24SW-SI				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

63 Methylcyclohexane, CAS: 108-87-2



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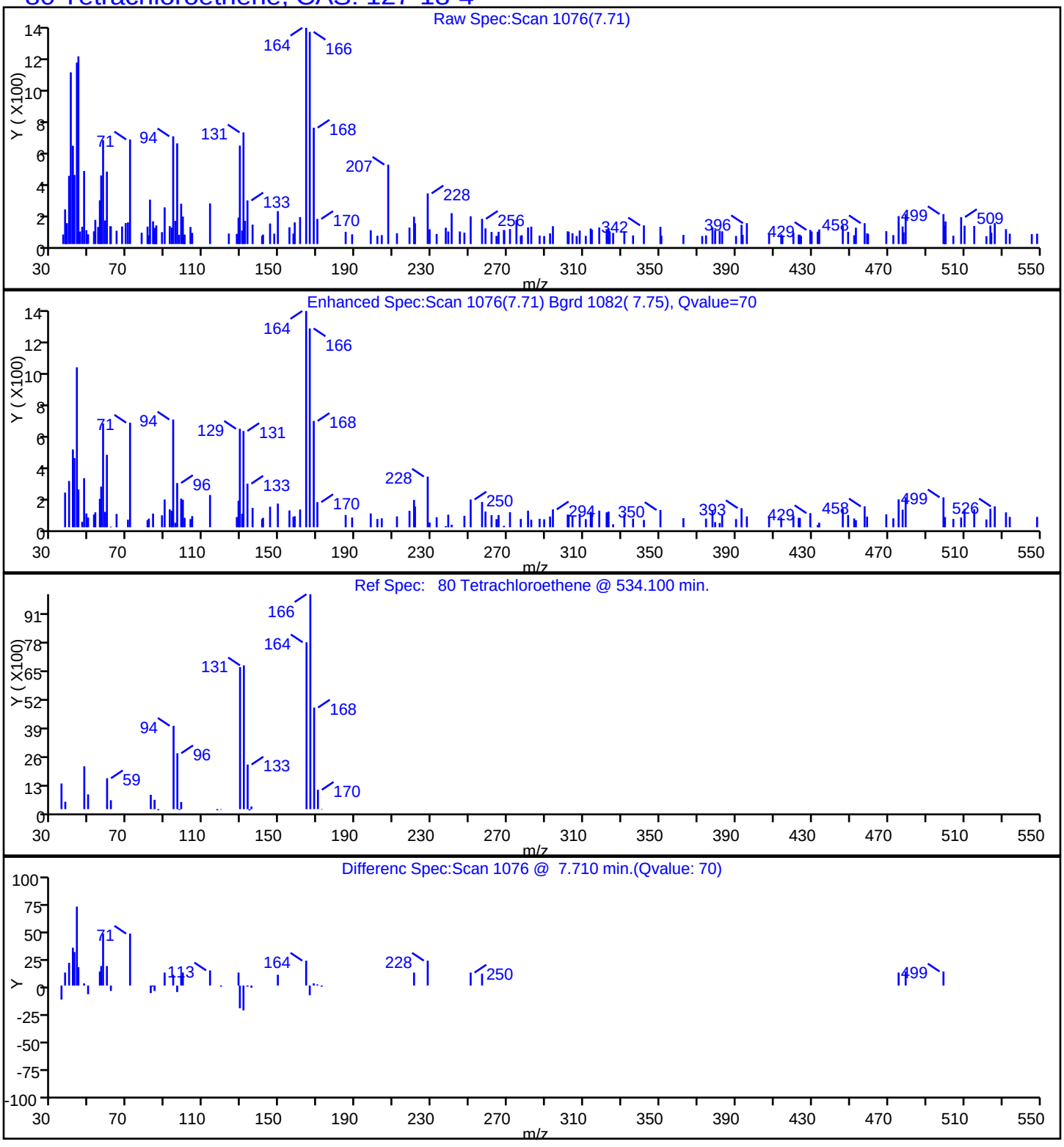
Injection Date:	13-Mar-2014 17:53:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-30-A	Lab Sample ID:	460-72174-30		
Client ID:	PMP-24SW-SI				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

80 Tetrachloroethene, CAS: 127-18-4



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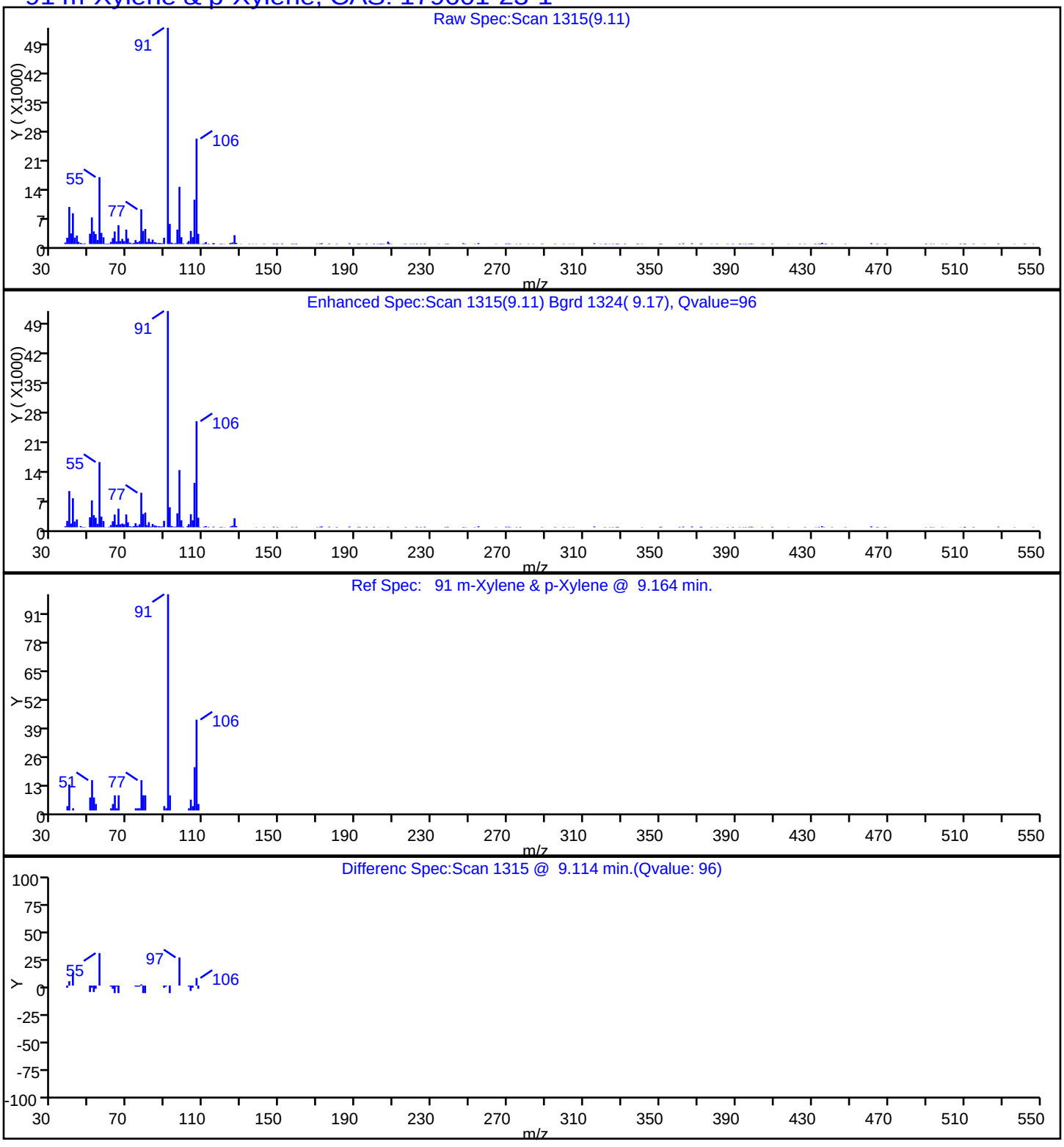
Injection Date:	13-Mar-2014 17:53:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-30-A	Lab Sample ID:	460-72174-30		
Client ID:	PMP-24SW-SI				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

91 m-Xylene & p-Xylene, CAS: 179601-23-1



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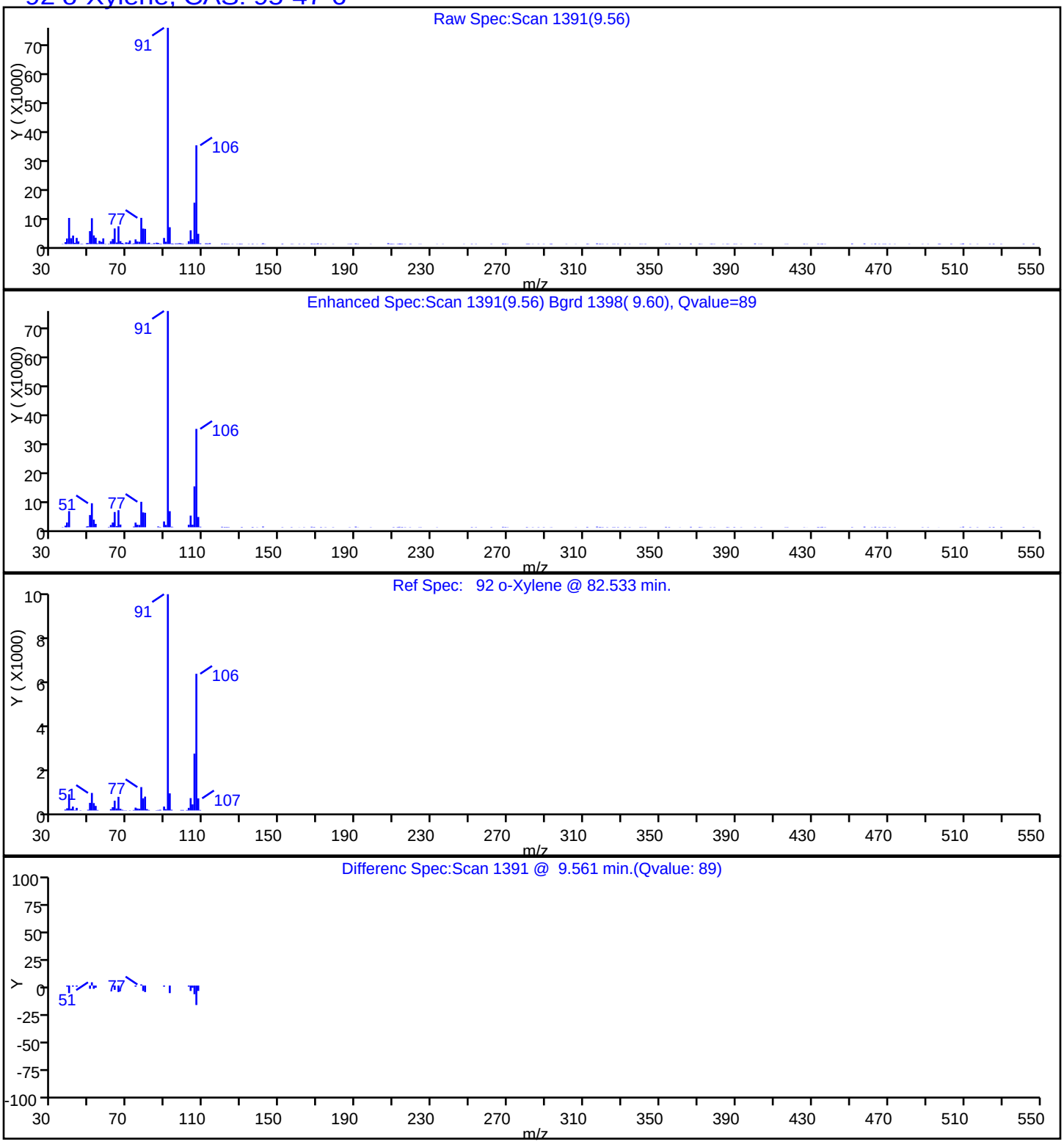
Injection Date:	13-Mar-2014 17:53:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-30-A	Lab Sample ID:	460-72174-30		
Client ID:	PMP-24SW-SI				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

92 o-Xylene, CAS: 95-47-6



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Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09955.D

Injection Date: 13-Mar-2014 17:53:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-30-A Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

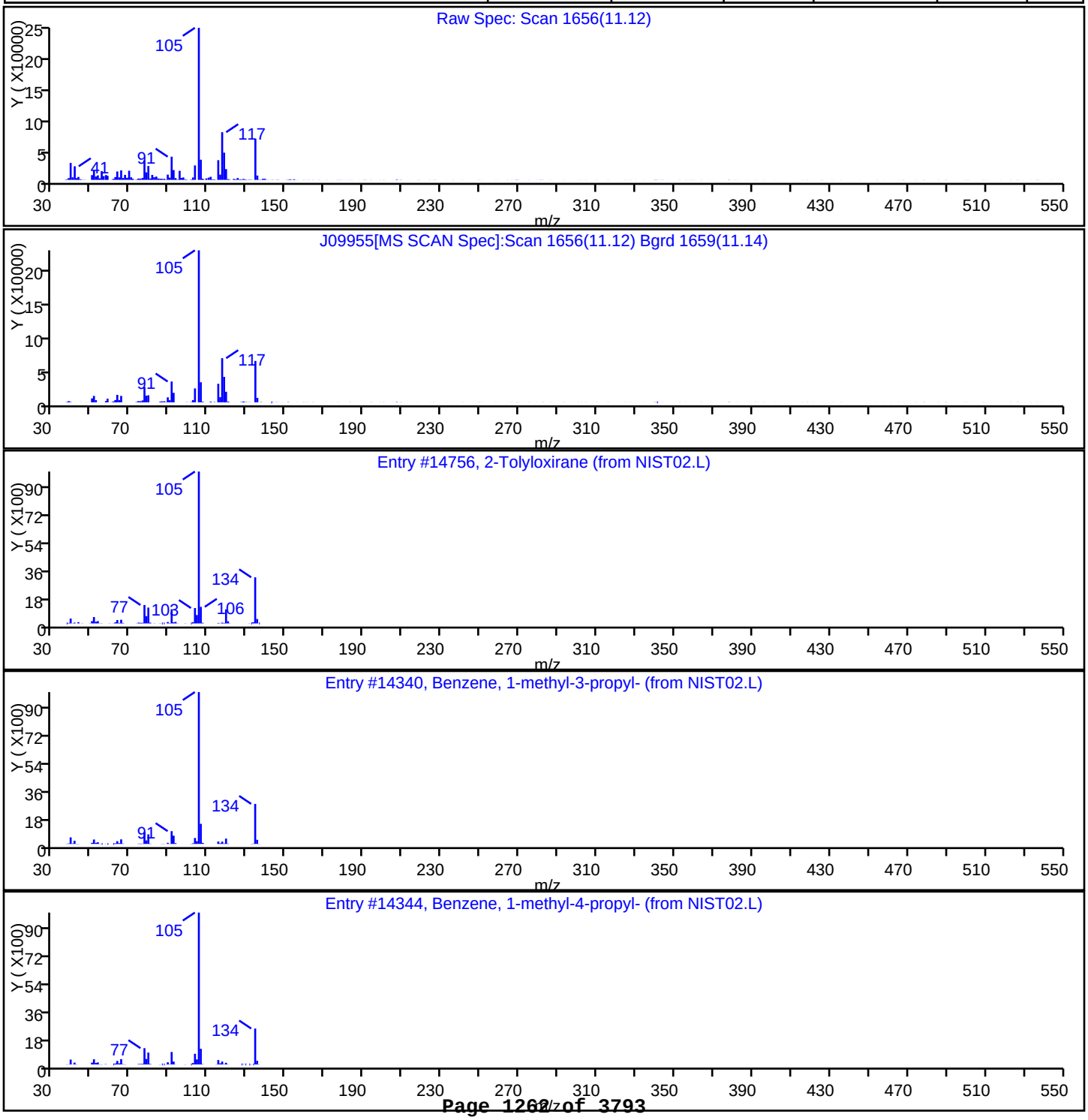
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
2-Tolyloxirane	2783-26-8	NIST02.L	14756	C9H10O	134	60
Benzene, 1-methyl-3-propyl-	1074-43-7	NIST02.L	14340	C10H14	134	58
Benzene, 1-methyl-4-propyl-	1074-55-1	NIST02.L	14344	C10H14	134	52



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Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09955.D

Injection Date: 13-Mar-2014 17:53:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-30-A Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

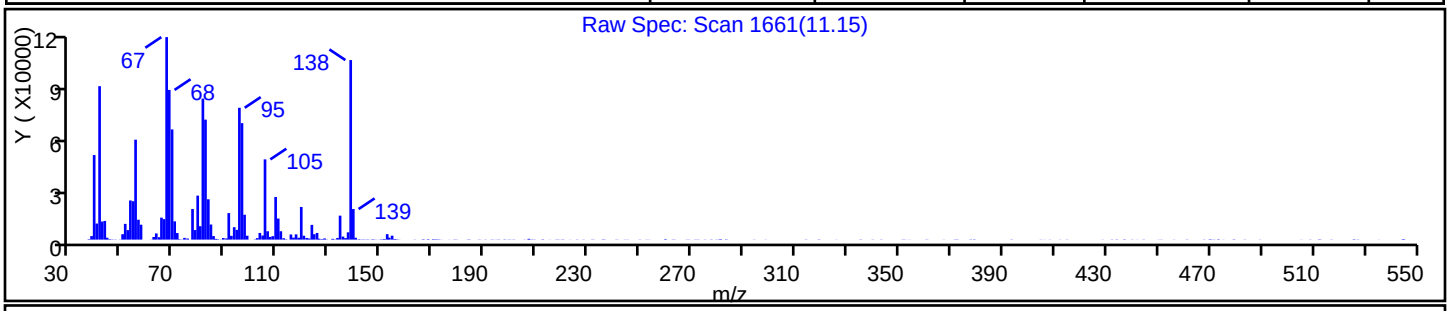
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21

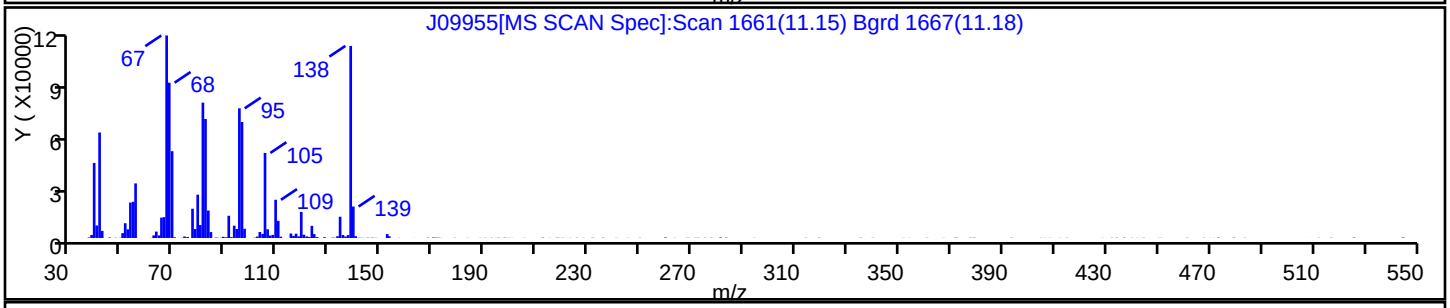
Purge Vol: 5.000 mL Dil. Factor: 50.0000

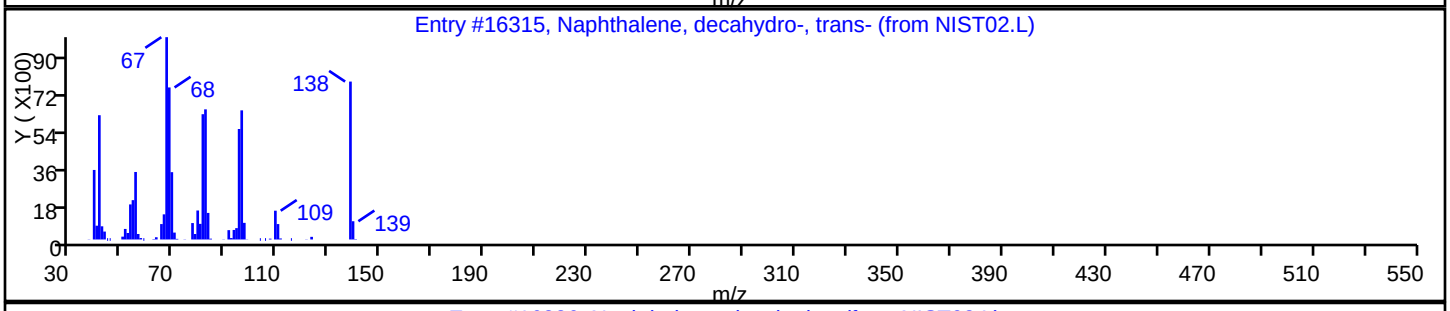
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

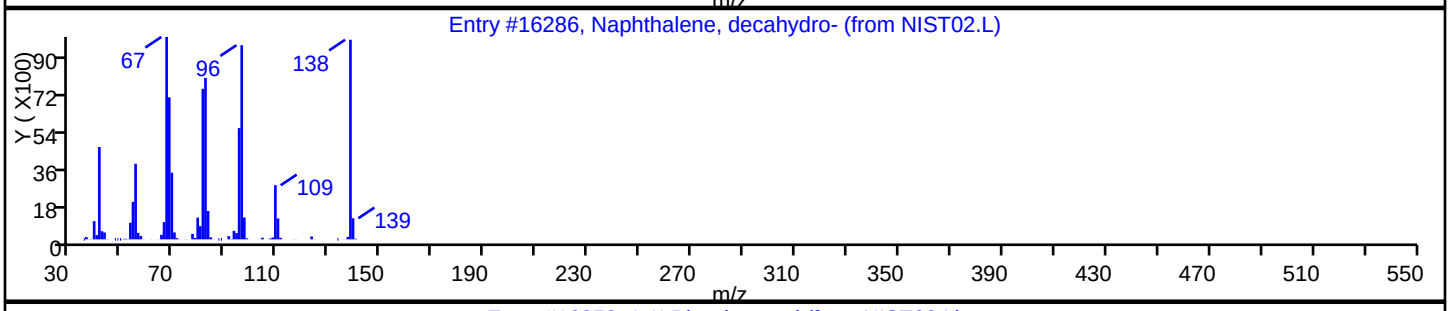
Column: Detector MS SCAN

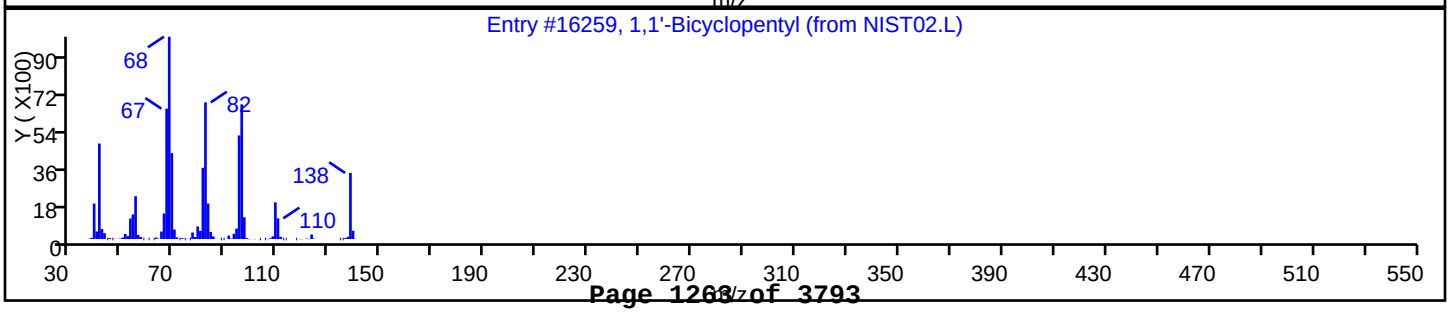
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-, trans-	493-02-7	NIST02.L	16315	C10H18	138	94
Naphthalene, decahydro-	91-17-8	NIST02.L	16286	C10H18	138	89
1,1'-Bicyclopentyl	1636-39-1	NIST02.L	16259	C10H18	138	81











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Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09955.D

Injection Date: 13-Mar-2014 17:53:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-30-A Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

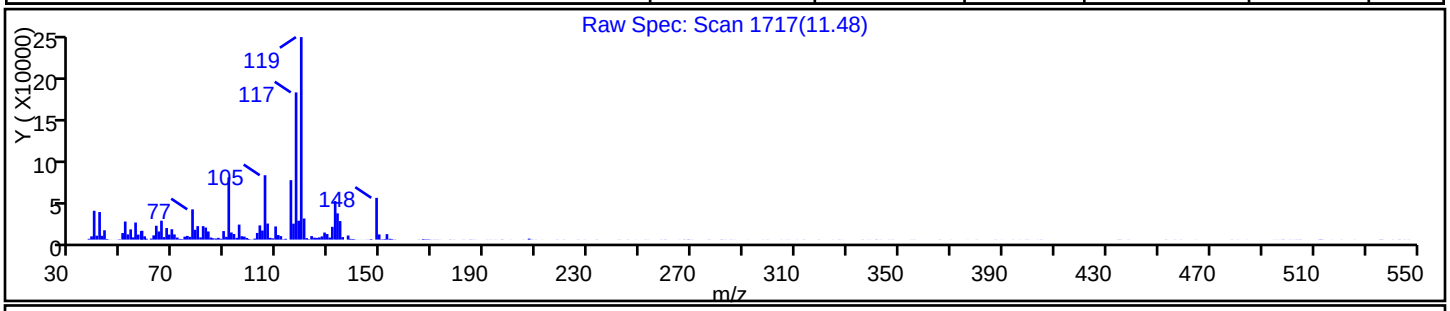
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21

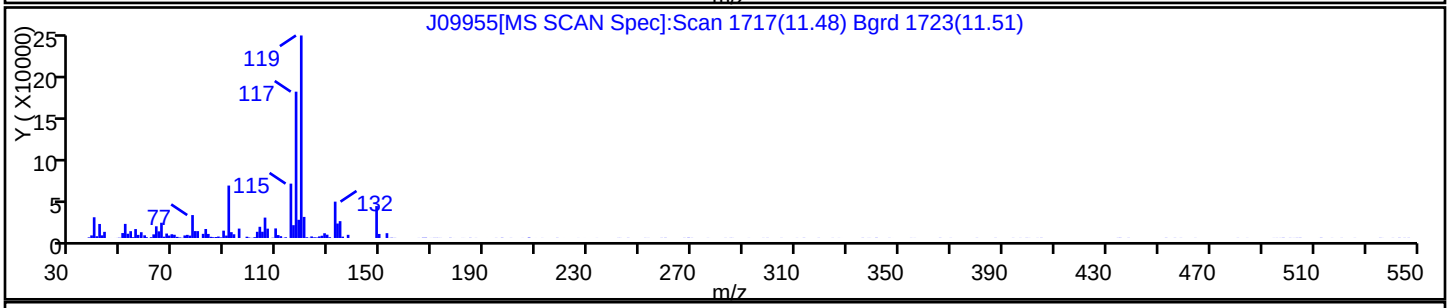
Purge Vol: 5.000 mL Dil. Factor: 50.0000

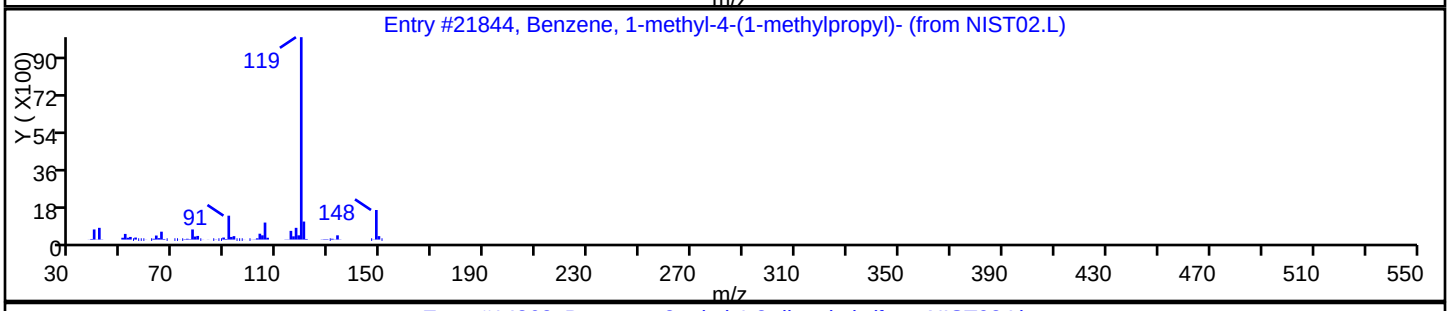
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

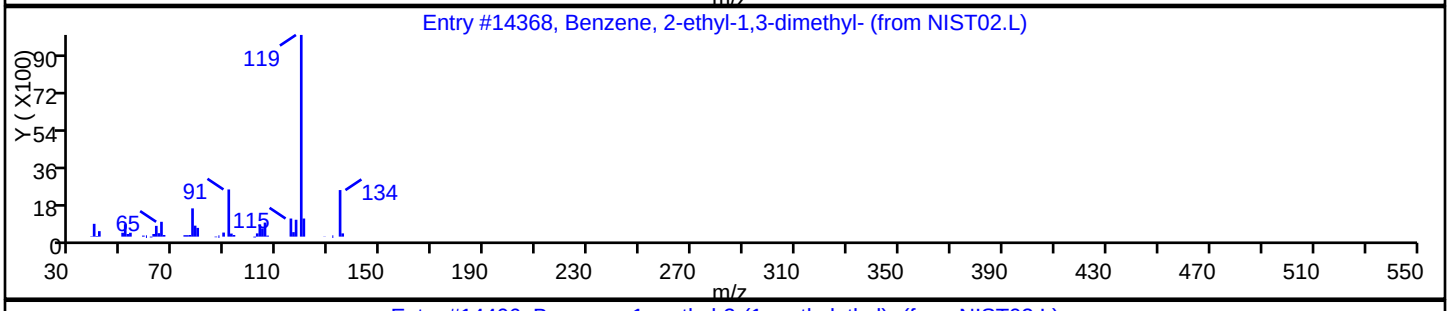
Column: Detector MS SCAN

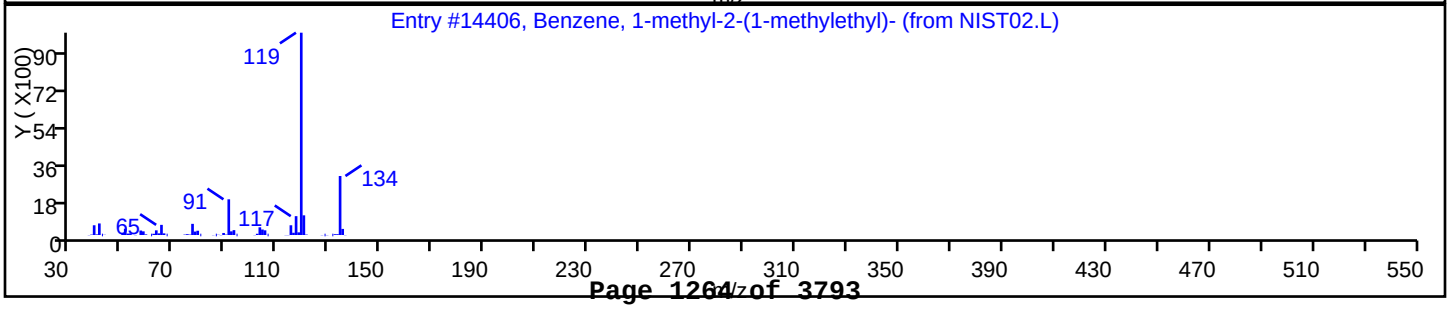
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	C11H16	148	49
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.L	14368	C10H14	134	49
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14406	C10H14	134	49











Report Date: 14-Mar-2014 15:39:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09955.D

Injection Date: 13-Mar-2014 17:53:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-30-A Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

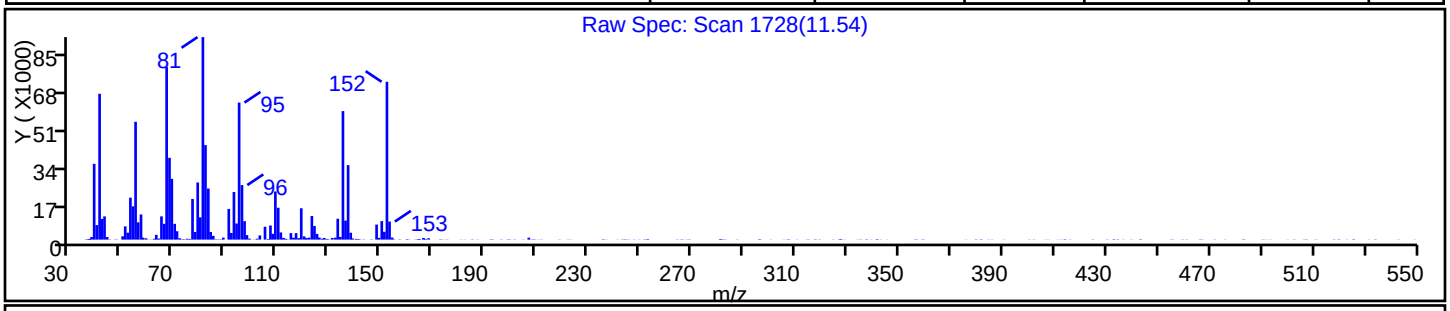
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21

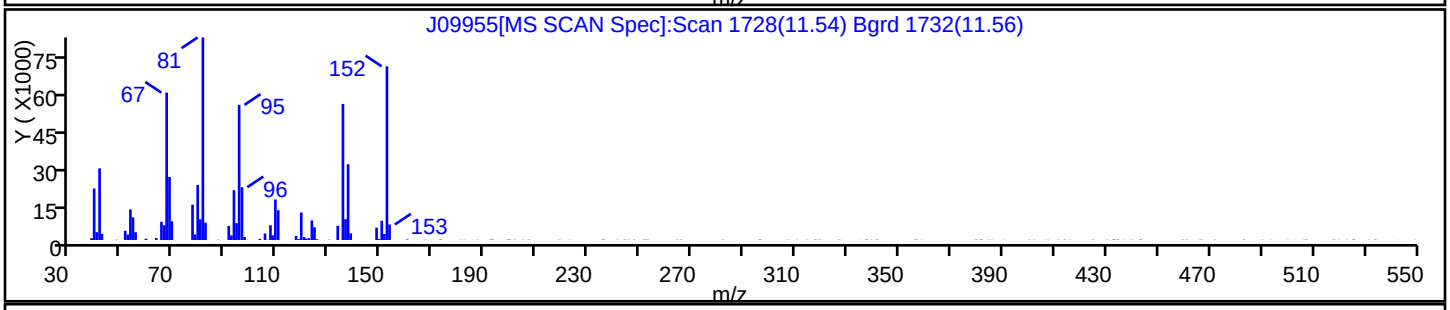
Purge Vol: 5.000 mL Dil. Factor: 50.0000

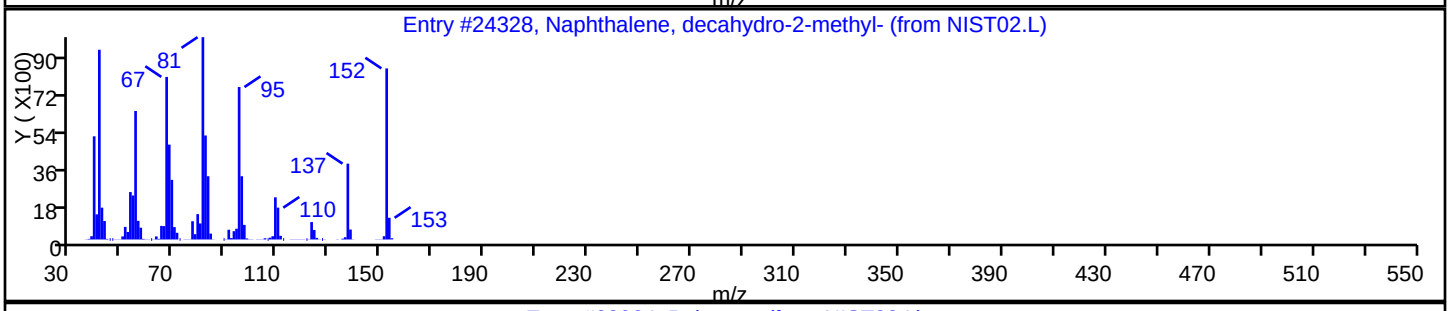
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

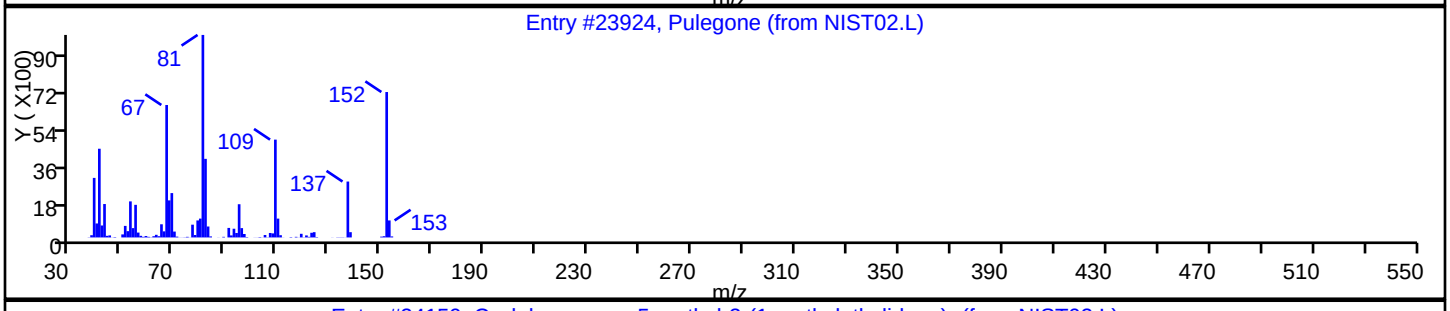
Column: Detector MS SCAN

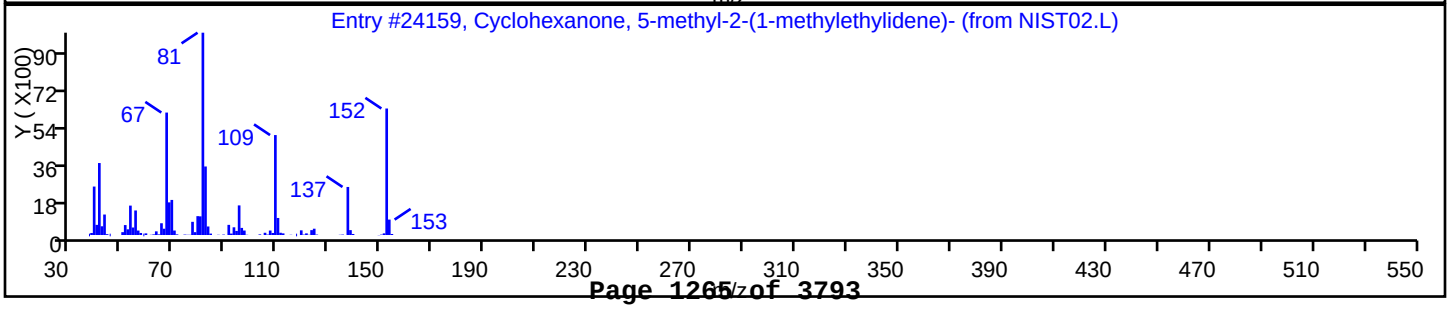
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	C11H20	152	60
Pulegone	89-82-7	NIST02.L	23924	C10H16O	152	58
Cyclohexanone, 5-methyl-2-(1-methylethyl	15932-80-6	NIST02.L	24159	C10H16O	152	50











Report Date: 14-Mar-2014 15:39:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09955.D

Injection Date: 13-Mar-2014 17:53:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-30-A Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

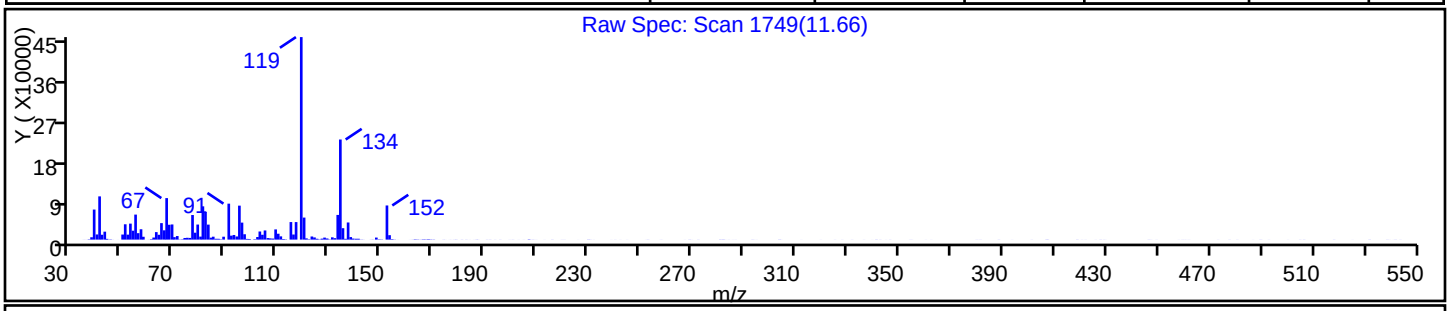
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21

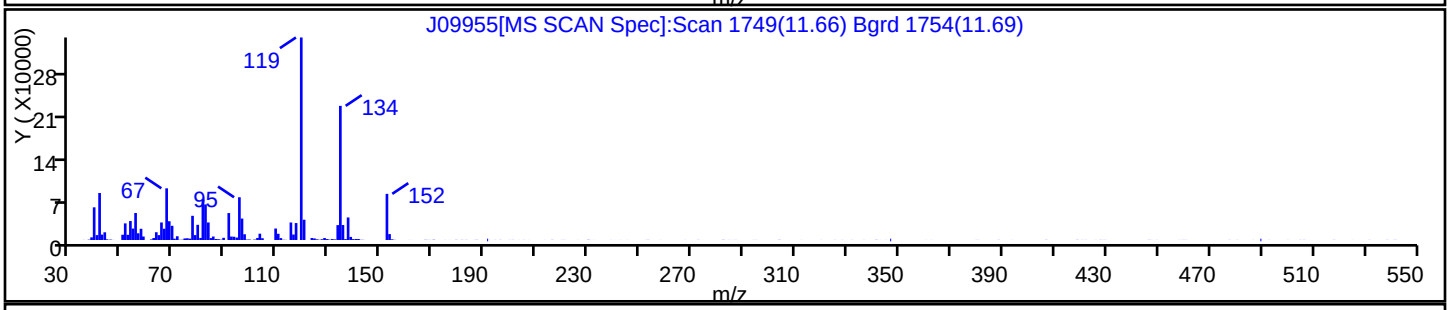
Purge Vol: 5.000 mL Dil. Factor: 50.0000

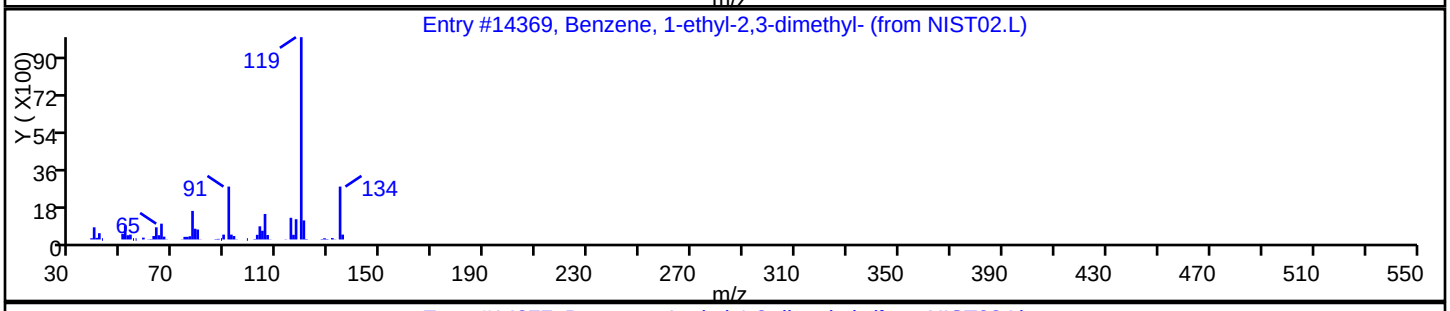
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

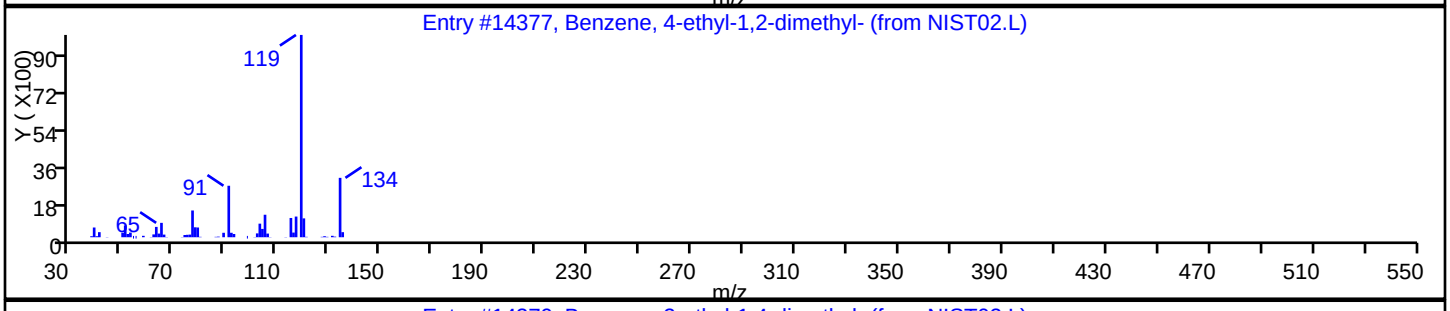
Column: Detector MS SCAN

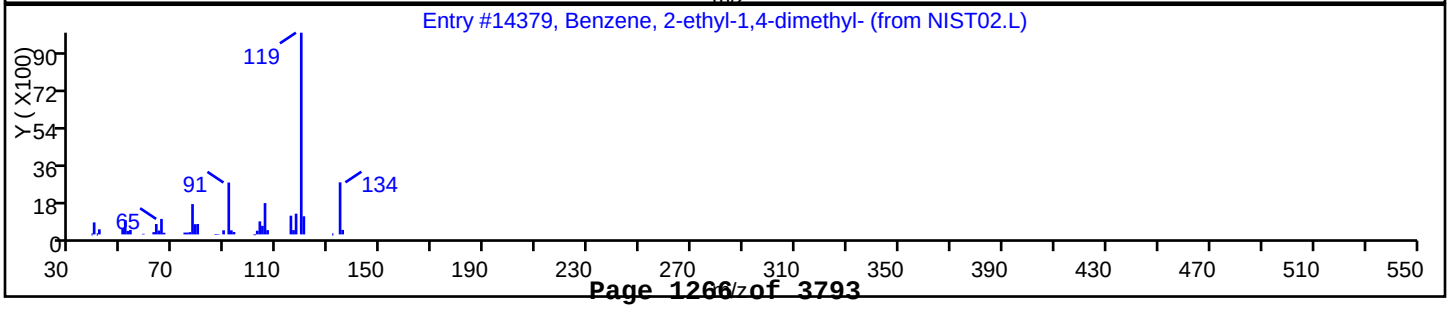
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.L	14369	C10H14	134	90
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.L	14377	C10H14	134	90
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.L	14379	C10H14	134	60











Report Date: 14-Mar-2014 15:39:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09955.D

Injection Date: 13-Mar-2014 17:53:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-30-A Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

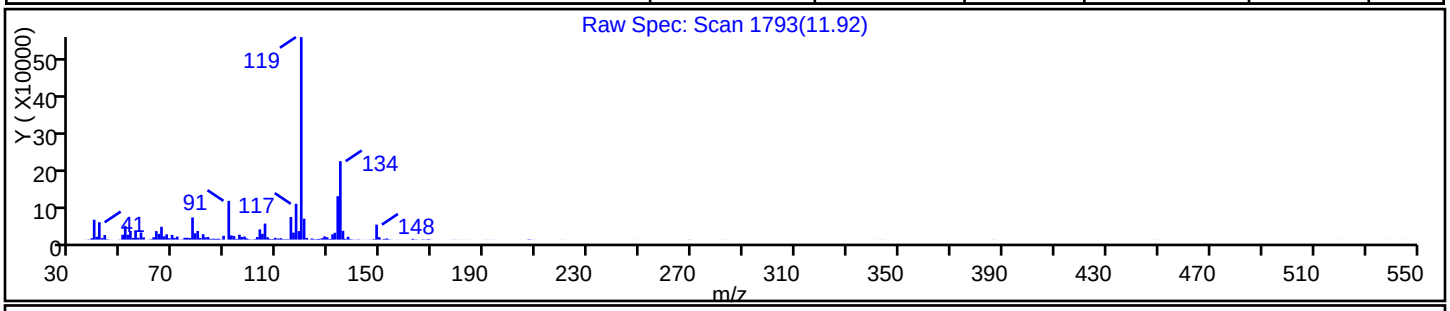
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21

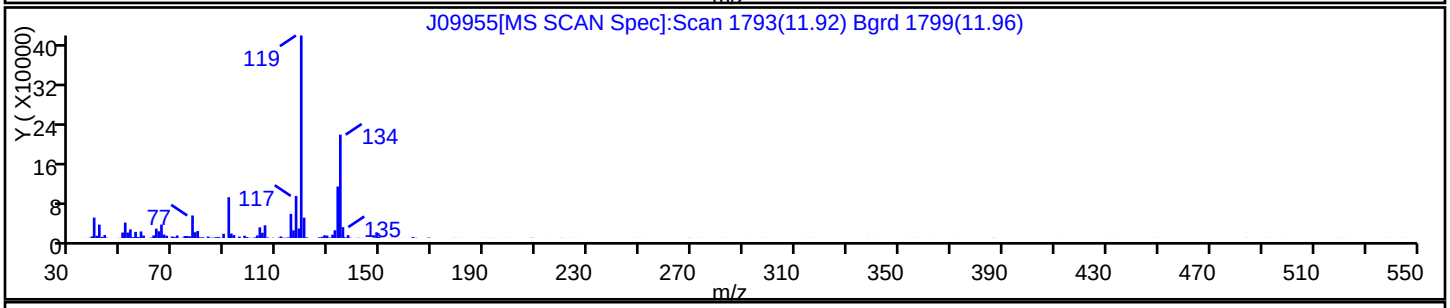
Purge Vol: 5.000 mL Dil. Factor: 50.0000

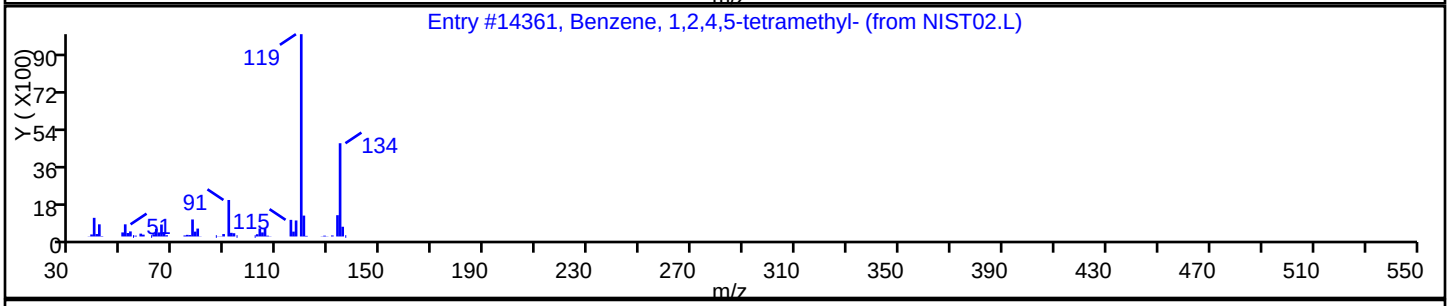
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

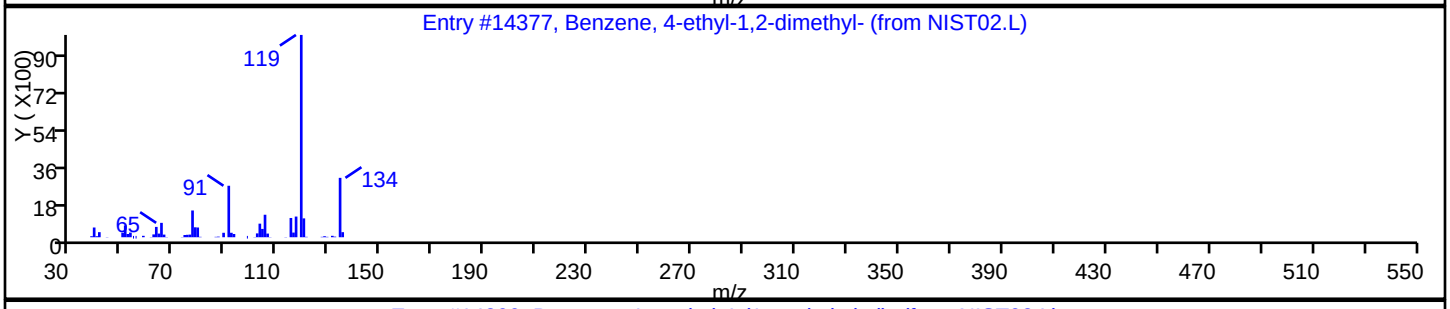
Column: Detector MS SCAN

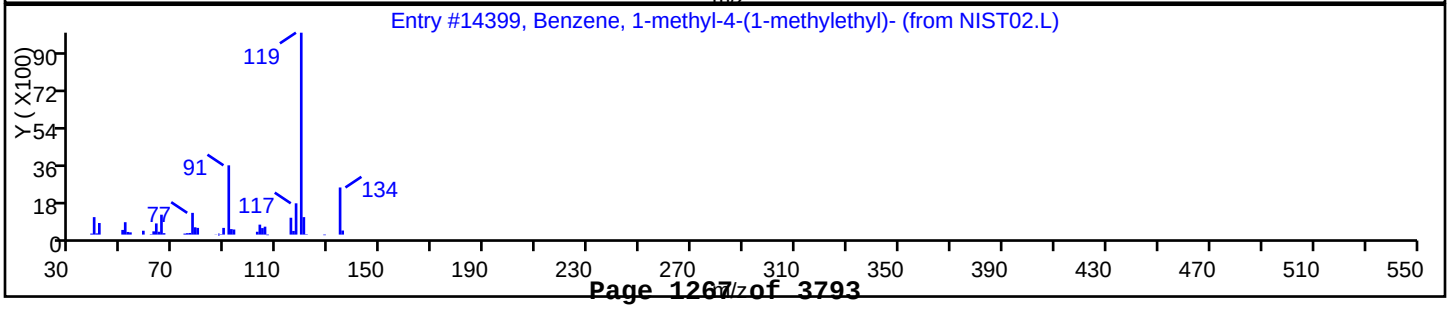
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	C10H14	134	93
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.L	14377	C10H14	134	93
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NIST02.L	14399	C10H14	134	87











Report Date: 14-Mar-2014 15:39:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09955.D

Injection Date: 13-Mar-2014 17:53:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-30-A Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

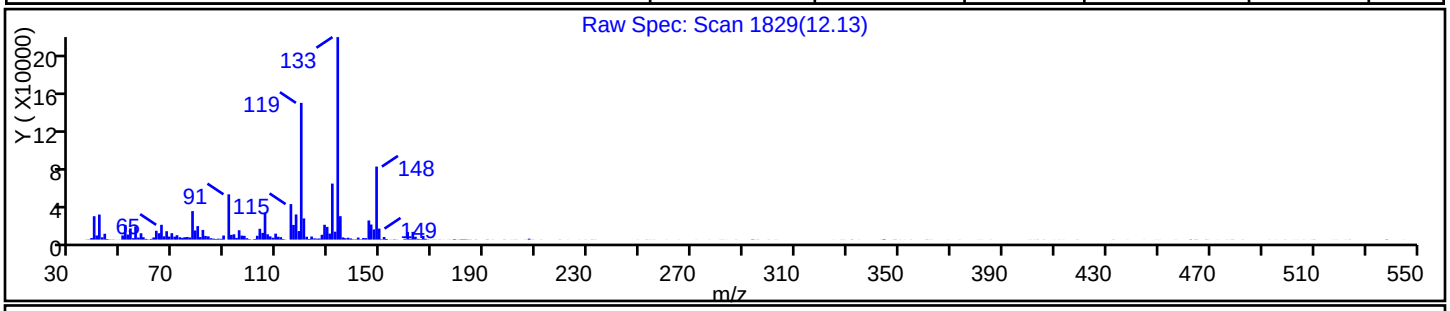
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21

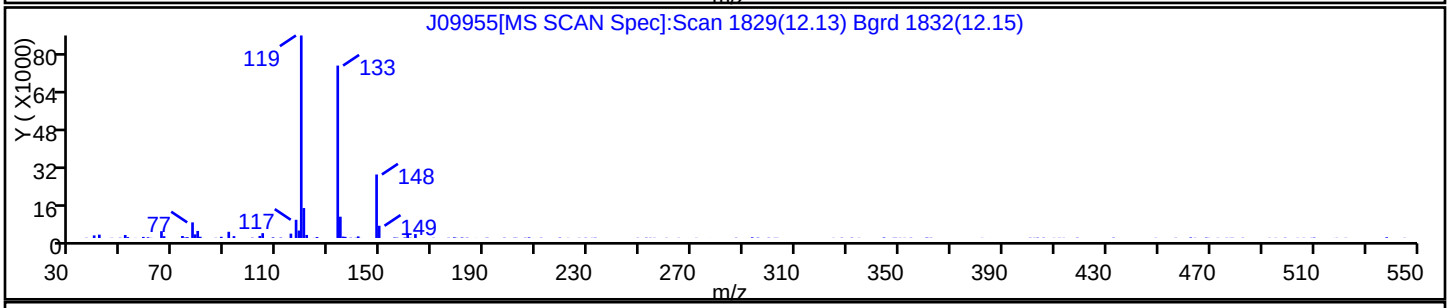
Purge Vol: 5.000 mL Dil. Factor: 50.0000

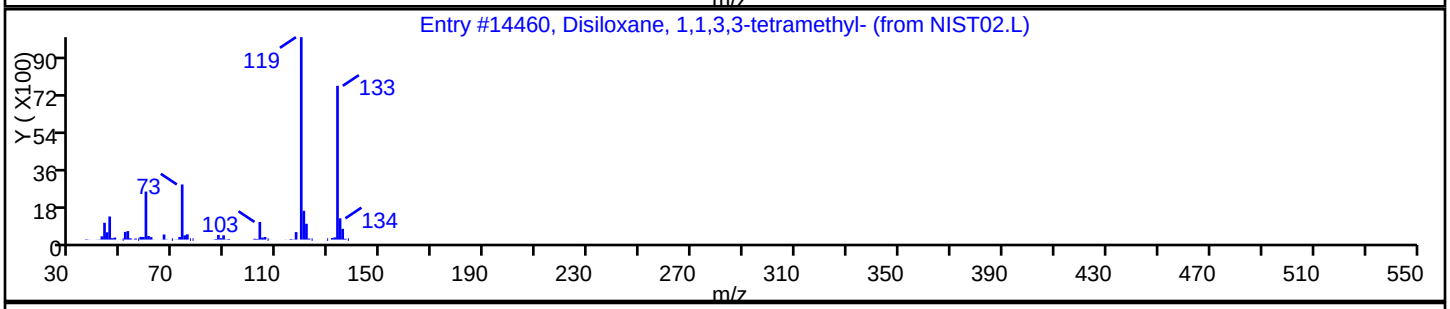
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

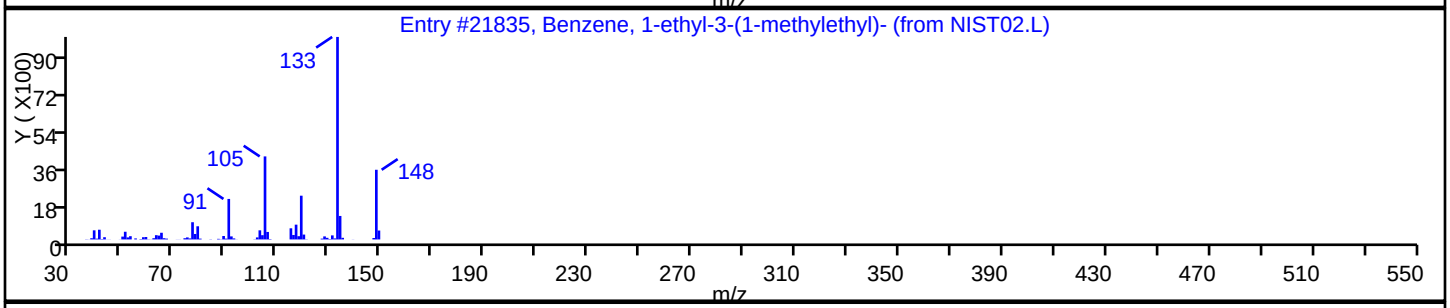
Column: Detector MS SCAN

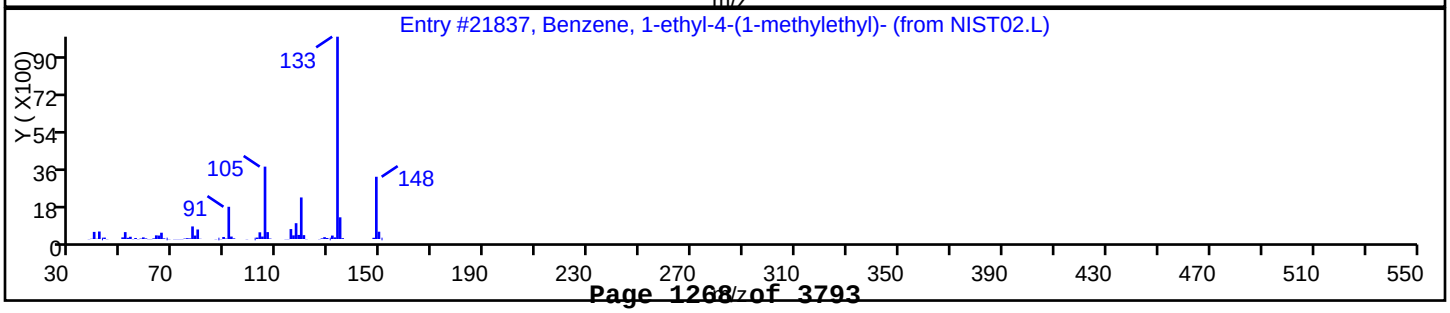
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Disiloxane, 1,1,3,3-tetramethyl-	3277-26-7	NIST02.L	14460	C4H14OSi2	134	72
Benzene, 1-ethyl-3-(1-methylethyl)-	4920-99-4	NIST02.L	21835	C11H16	148	49
Benzene, 1-ethyl-4-(1-methylethyl)-	4218-48-8	NIST02.L	21837	C11H16	148	47











Report Date: 14-Mar-2014 15:39:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09955.D

Injection Date: 13-Mar-2014 17:53:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-30-A Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

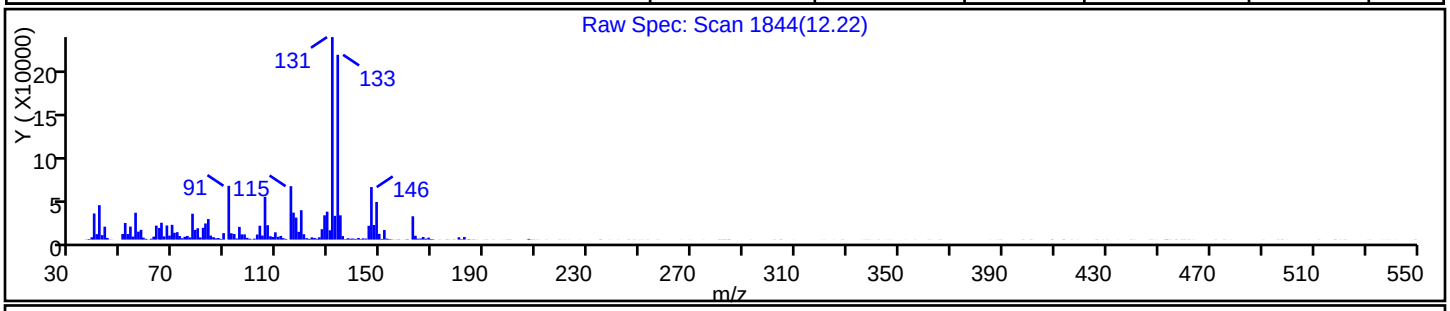
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21

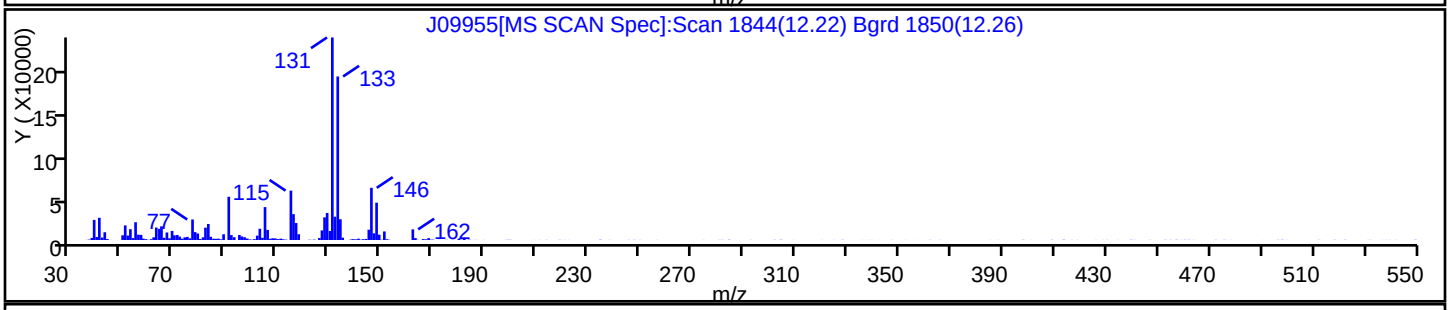
Purge Vol: 5.000 mL Dil. Factor: 50.0000

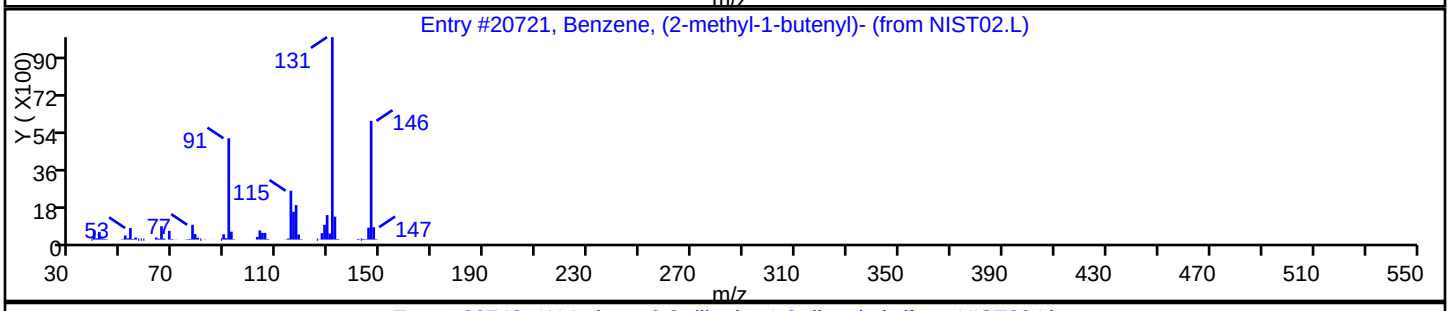
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

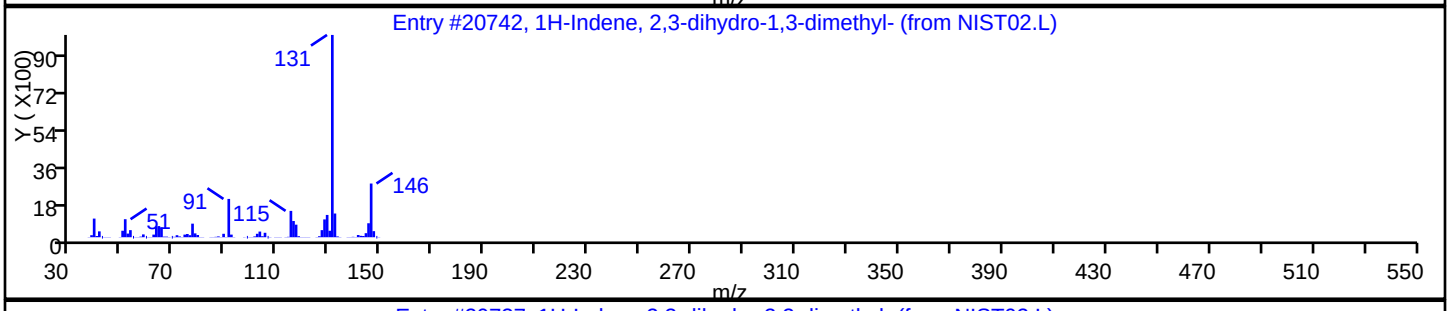
Column: Detector MS SCAN

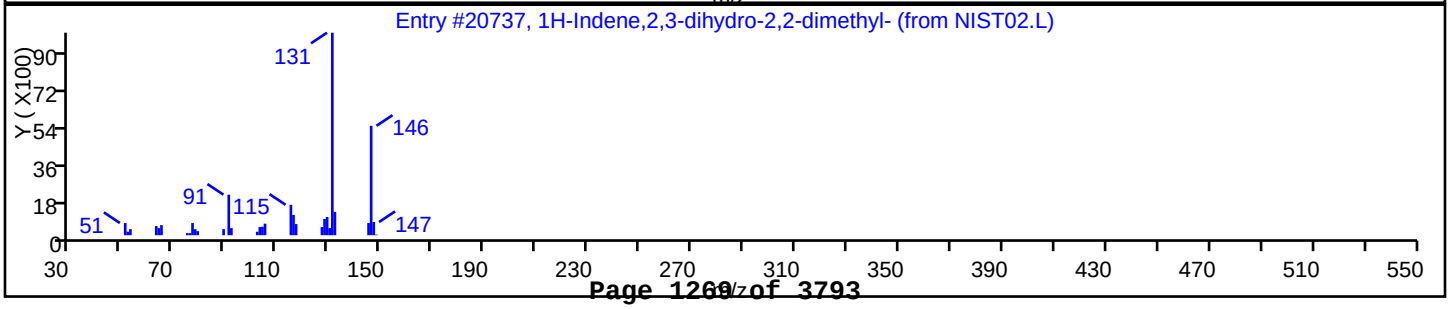
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, (2-methyl-1-butenyl)-	56253-64-6	NIST02.L	20721	C11H14	146	90
1H-Indene, 2,3-dihydro-1,3-dimethyl-	4175-53-5	NIST02.L	20742	C11H14	146	87
1H-Indene,2,3-dihydro-2,2-dimethyl-	20836-11-7	NIST02.L	20737	C11H14	146	78











Report Date: 14-Mar-2014 15:39:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09955.D

Injection Date: 13-Mar-2014 17:53:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-30-A Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

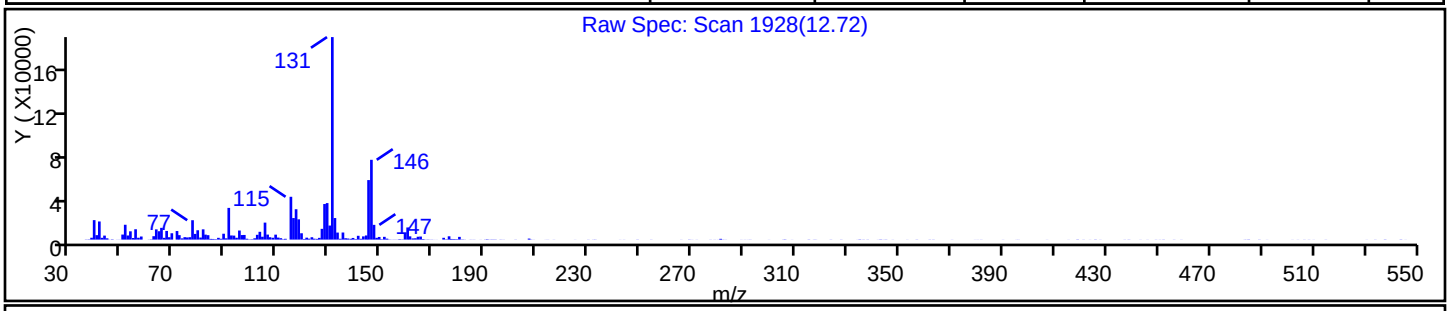
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21

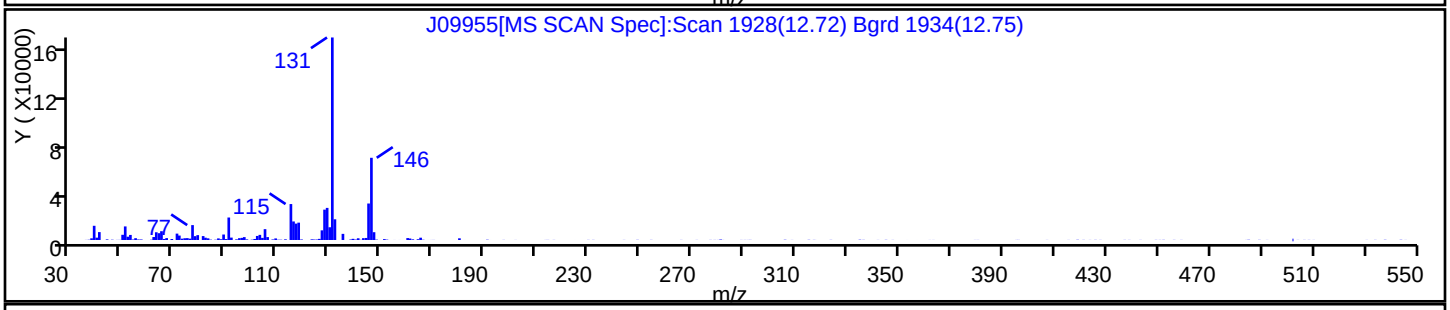
Purge Vol: 5.000 mL Dil. Factor: 50.0000

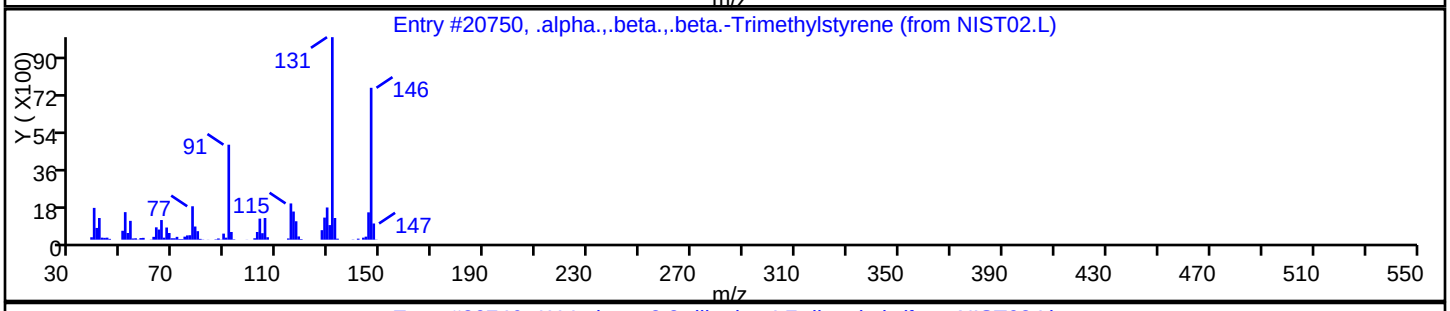
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

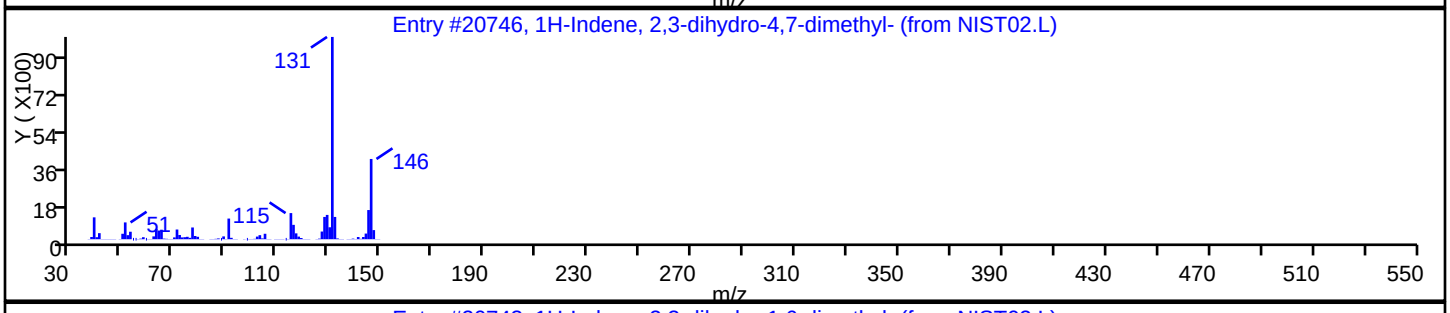
Column: Detector MS SCAN

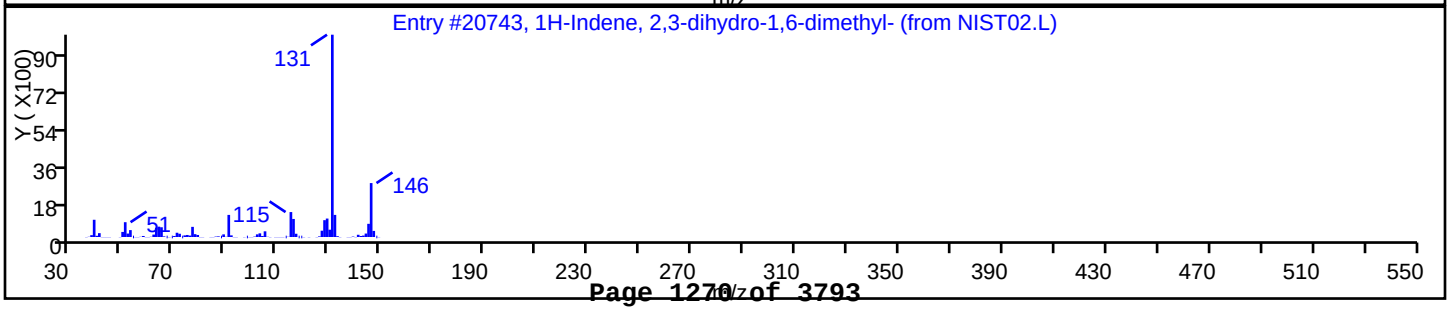
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
.alpha.,.beta.,.beta.-Trimethylstyrene	769-57-3	NIST02.L	20750	C11H14	146	95
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20746	C11H14	146	94
1H-Indene, 2,3-dihydro-1,6-dimethyl-	17059-48-2	NIST02.L	20743	C11H14	146	91











Report Date: 14-Mar-2014 15:39:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09955.D

Injection Date: 13-Mar-2014 17:53:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-30-A Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

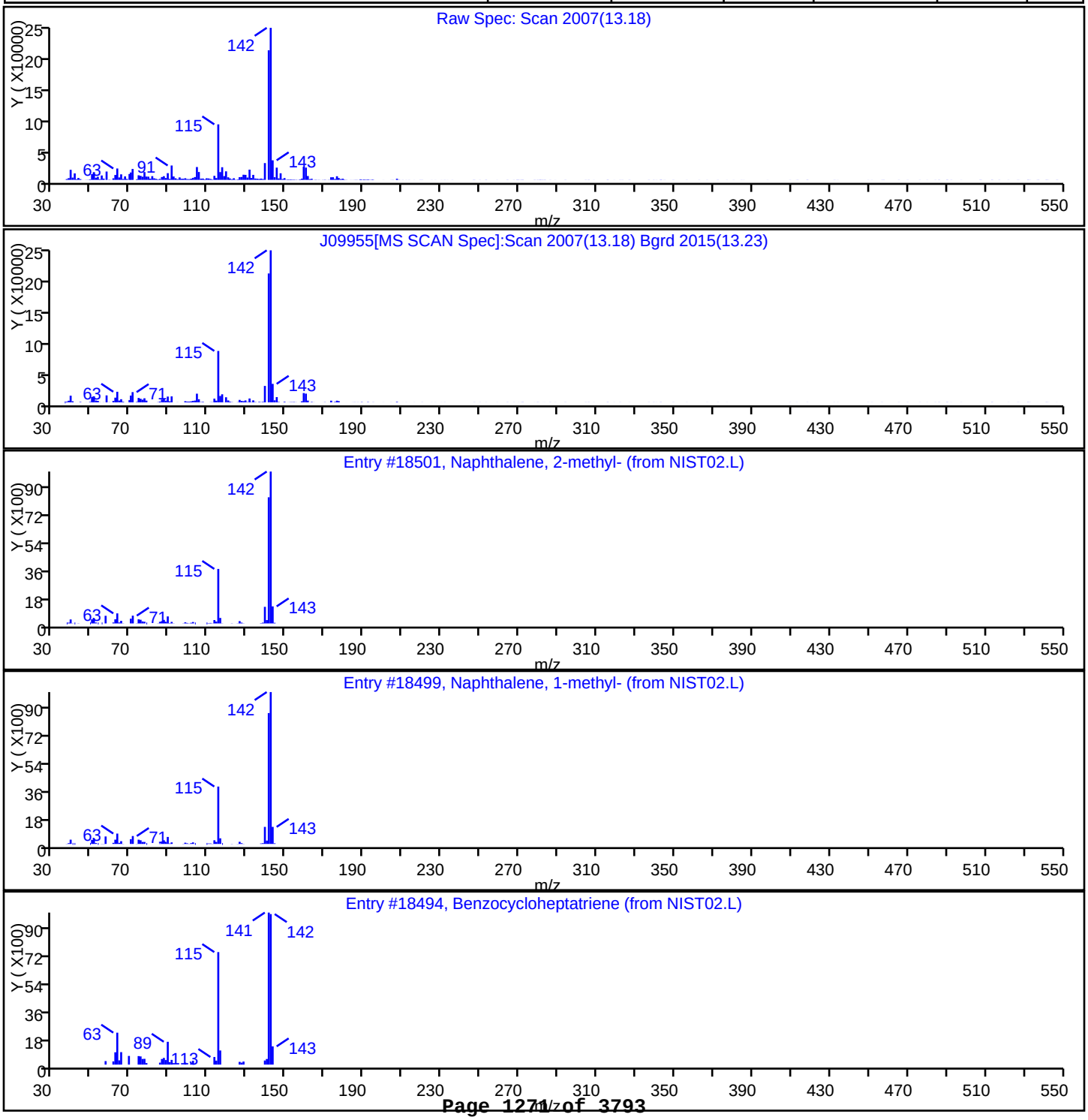
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	C11H10	142	95
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	C11H10	142	95
Benzocycloheptatriene	264-09-5	NIST02.L	18494	C11H10	142	87



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-VD | Lab Sample ID: 460-72174-31

Matrix: Solid | Lab File ID: D367343.D

Analysis Method: 8260B | Date Collected: 03/06/2014 13:50

Sample wt/vol: 6.429(g) | Date Analyzed: 03/14/2014 10:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.6 | Level: (low/med) Low

Analysis Batch No.: 212576 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.13	U	0.84	0.13
74-83-9	Bromomethane	0.36	U	0.84	0.36
75-01-4	Vinyl chloride	0.29	U	0.84	0.29
75-00-3	Chloroethane	0.28	U	0.84	0.28
75-09-2	Methylene Chloride	0.13	U	0.84	0.13
67-64-1	Acetone	14	B	4.2	1.4
75-15-0	Carbon disulfide	0.13	U	0.84	0.13
75-69-4	Trichlorofluoromethane	0.13	U	0.84	0.13
75-35-4	1,1-Dichloroethene	0.16	U	0.84	0.16
75-34-3	1,1-Dichloroethane	0.093	U	0.84	0.093
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.84	0.11
156-59-2	cis-1,2-Dichloroethene	0.21	J	0.84	0.093
67-66-3	Chloroform	7.5		0.84	0.20
78-93-3	2-Butanone	0.53	U	4.2	0.53
107-06-2	1,2-Dichloroethane	0.15	U	0.84	0.15
71-55-6	1,1,1-Trichloroethane	0.11	U	0.84	0.11
56-23-5	Carbon tetrachloride	0.13	U	0.84	0.13
71-43-2	Benzene	0.13	U	0.84	0.13
75-25-2	Bromoform	0.14	U	0.84	0.14
100-42-5	Styrene	0.24	U	0.84	0.24
100-41-4	Ethylbenzene	0.14	U	0.84	0.14
108-90-7	Chlorobenzene	0.15	U	0.84	0.15
110-82-7	Cyclohexane	0.11	U	0.84	0.11
98-82-8	Isopropylbenzene	0.093	U	0.84	0.093
591-78-6	2-Hexanone	0.11	U	4.2	0.11
1634-04-4	MTBE	0.093	U	0.84	0.093
76-13-1	Freon TF	0.093	U	0.84	0.093
79-20-9	Methyl acetate	0.27	U	4.2	0.27
123-91-1	1,4-Dioxane	11	U	17	11
79-01-6	Trichloroethene	3.5		0.84	0.10
108-88-3	Toluene	0.21	J	0.84	0.12
10061-02-6	trans-1,3-Dichloropropene	0.084	U	0.84	0.084
108-10-1	4-Methyl-2-pentanone	0.17	U	4.2	0.17
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.84	0.12
95-50-1	1,2-Dichlorobenzene	5.9		0.84	0.084
541-73-1	1,3-Dichlorobenzene	24		0.84	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-VD | Lab Sample ID: 460-72174-31

Matrix: Solid | Lab File ID: D367343.D

Analysis Method: 8260B | Date Collected: 03/06/2014 13:50

Sample wt/vol: 6.429(g) | Date Analyzed: 03/14/2014 10:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.6 | Level: (low/med) Low

Analysis Batch No.: 212576 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	74		0.84	0.093
120-82-1	1,2,4-Trichlorobenzene	15		0.84	0.16
87-61-6	1,2,3-Trichlorobenzene	7.4		0.84	0.13
78-87-5	1,2-Dichloropropane	0.13	U	0.84	0.13
108-87-2	Methylcyclohexane	0.084	U	0.84	0.084
127-18-4	Tetrachloroethene	0.57	J	0.84	0.10
1330-20-7	Xylenes, Total	0.56	U	1.7	0.56
96-12-8	1,2-Dibromo-3-Chloropropane	0.37	U	0.84	0.37
79-34-5	1,1,2,2-Tetrachloroethane	0.076	U	0.84	0.076
79-00-5	1,1,2-Trichloroethane	0.12	U	0.84	0.12
124-48-1	Dibromochloromethane	0.084	U	0.84	0.084
106-93-4	1,2-Dibromoethane	0.13	U	0.84	0.13
75-71-8	Dichlorodifluoromethane	0.19	U	0.84	0.19
74-97-5	Bromochloromethane	0.093	U	0.84	0.093
75-27-4	Bromodichloromethane	0.27	U	0.84	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	126		70-130
1868-53-7	Dibromofluoromethane (Surr)	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-VD | Lab Sample ID: 460-72174-31

Matrix: Solid | Lab File ID: D367343.D

Analysis Method: 8260B | Date Collected: 03/06/2014 13:50

Sample wt/vol: 6.429(g) | Date Analyzed: 03/14/2014 10:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.6 | Level: (low/med) Low

Analysis Batch No.: 212576 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 90.9

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1687-35-0	1,3-Dimethyl-5-ethyladamantane	11.18	5.5	J N
	Unknown	11.60	9.7	J
3891-98-3	Dodecane, 2,6,10-trimethyl-	11.90	8.5	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	12.29	14	J N
634-66-2	Benzene, 1,2,3,4-tetrachloro-	12.82	14	J N
2456-28-2	Decane, 1,1'-oxybis-	12.89	7.0	J N
1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	13.02	8.4	J N
	Unknown	13.17	8.6	J
	Unknown	13.51	7.7	J
	Unknown	14.57	7.5	J

Report Date: 15-Mar-2014 15:33:21 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D
Lims ID: 460-72174-C-31-A Lab Sample ID: 460-72174-31
Client ID: PMP-7SW-VD
Sample Type: Client
Inject. Date: 14-Mar-2014 10:07:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-C-31-A
Misc. Info.: 460-0010860-011
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 15:23:16 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: baronm Date: 15-Mar-2014 15:33:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	2.422	2.416	0.006	76	9368	16.3	M
* 151 TBA-d9 (IS)	65	2.635	2.638	-0.003	63	115806	1000.0	
42 cis-1,2-Dichloroethene	96	3.342	3.323	0.019	17	873	0.2515	M
47 Chloroform	83	3.561	3.554	0.007	84	45980	8.93	
$ 152 Dibromofluoromethane (Surr)	113	3.705	3.705	0.0	90	94764	48.3	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.152	4.149	0.003	94	86275	50.5	
* 59 Fluorobenzene	96	4.413	4.413	0.0	88	445893	50.0	
61 Trichloroethene	95	4.577	4.570	0.007	86	12893	4.16	
* 150 1,4-Dioxane-d8	96	5.380	5.384	-0.004	1	6464	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.081	6.078	0.003	90	384428	50.5	
77 Toluene	91	6.133	6.133	0.0	70	2845	0.2533	
80 Tetrachloroethene	166	6.586	6.583	0.003	69	1702	0.6782	M
* 87 Chlorobenzene-d5	117	7.779	7.776	0.003	87	220359	50.0	
$ 99 4-Bromofluorobenzene	174	8.859	8.860	-0.001	78	60642	62.8	
115 1,3-Dichlorobenzene	146	9.666	9.667	-0.001	85	83305	28.2	
* 116 1,4-Dichlorobenzene-d4	152	9.724	9.724	0.0	83	65671	50.0	
117 1,4-Dichlorobenzene	146	9.734	9.734	0.0	81	256670	88.1	
121 1,2-Dichlorobenzene	146	10.039	10.036	0.003	83	17488	6.95	
124 1,2,4-Trichlorobenzene	180	11.091	11.091	0.0	80	32618	17.3	
128 1,2,3-Trichlorobenzene	180	11.448	11.448	0.0	74	14008	8.84	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D
Lims ID: 460-72174-C-31-A Lab Sample ID: 460-72174-31
Client ID: PMP-7SW-VD
Sample Type: Client
Inject. Date: 14-Mar-2014 10:07:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-C-31-A
Misc. Info.: 460-0010860-011
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 15:23:16 Calib Date: 12-Mar-2014 20:41:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 40

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: baronm Date: 15-Mar-2014 15:33:21

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
1687-35-0	1,3-Dimethyl-5-ethyladamantane							
11.184	185731	6.51	116	72	50577	C14H24	192	
	Unknown							
11.599	326971	11.5	116	0	0		0	
3891-98-3	Dodecane, 2,6,10-trimethyl-							
11.904	286568	10.0	116	83	64590	C15H32	212	
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal							
12.290	471456	16.5	116	96	61716	C15H28	208	
634-66-2	Benzene, 1,2,3,4-tetrachloro-							
12.817	473069	16.6	116	99	65866	C6H2Cl4	214	
2456-28-2	Decane, 1,1'-oxybis-							
12.885	236198	8.28	116	86	116748	C20H42O	298	
1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyln							
13.017	285073	10.0	116	64	71138	C16H30	222	
	Unknown							
13.171	290980	10.2	116	0	0		0	
	Unknown							
13.509	260896	9.14	116	0	0		0	
	Unknown							
14.570	254158	8.91	116	0	0		0	

Report Date: 15-Mar-2014 15:33:21 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	9.731	1426627	50.0

QC Flag Legend

Processing Flags

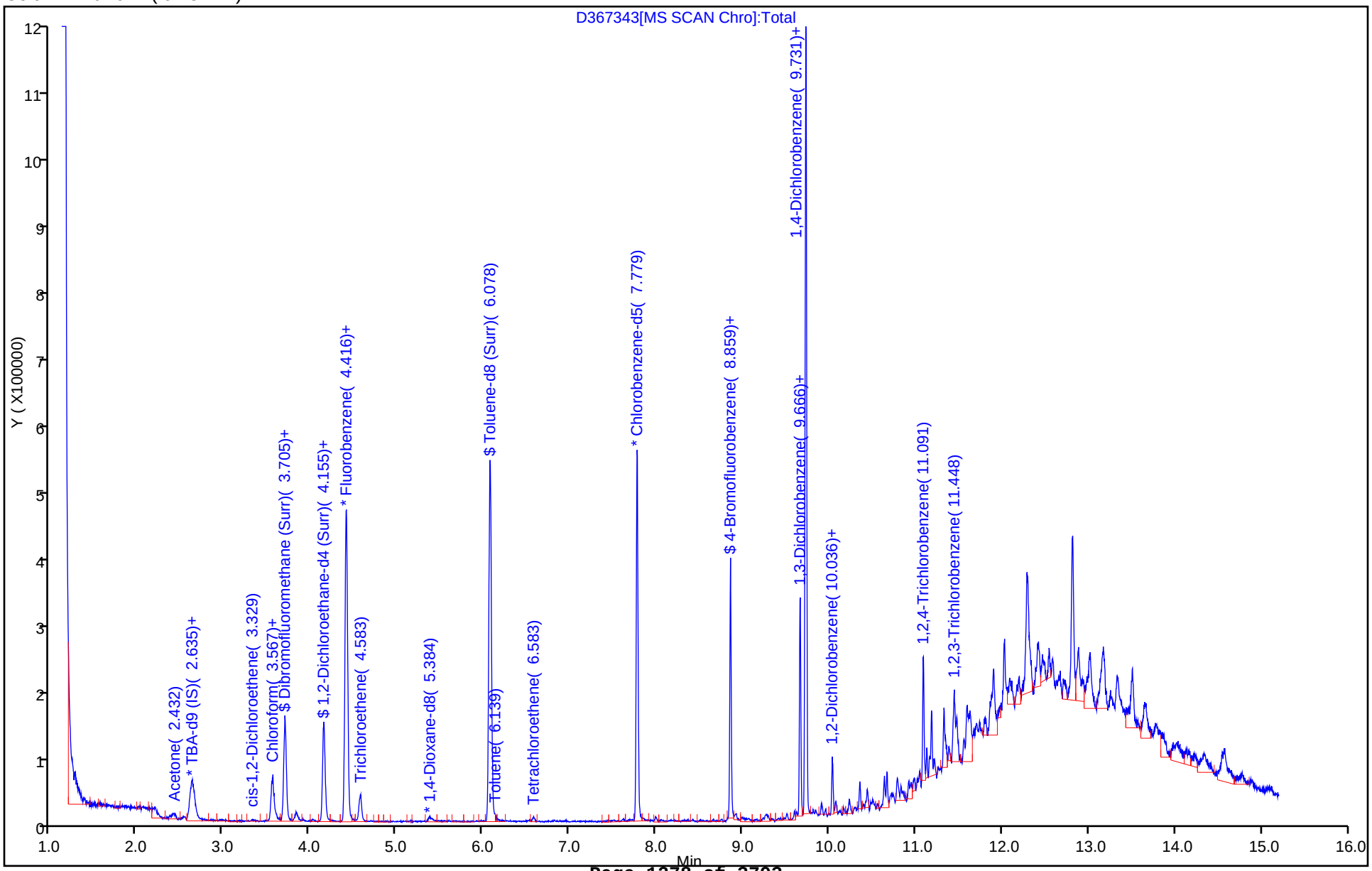
Report Date: 15-Mar-2014 15:33:21 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D

Injection Date:	14-Mar-2014 10:07:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-C-31-A	Lab Sample ID:	460-72174-31	Worklist Smp#:	11
Client ID:	PMP-7SW-VD				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



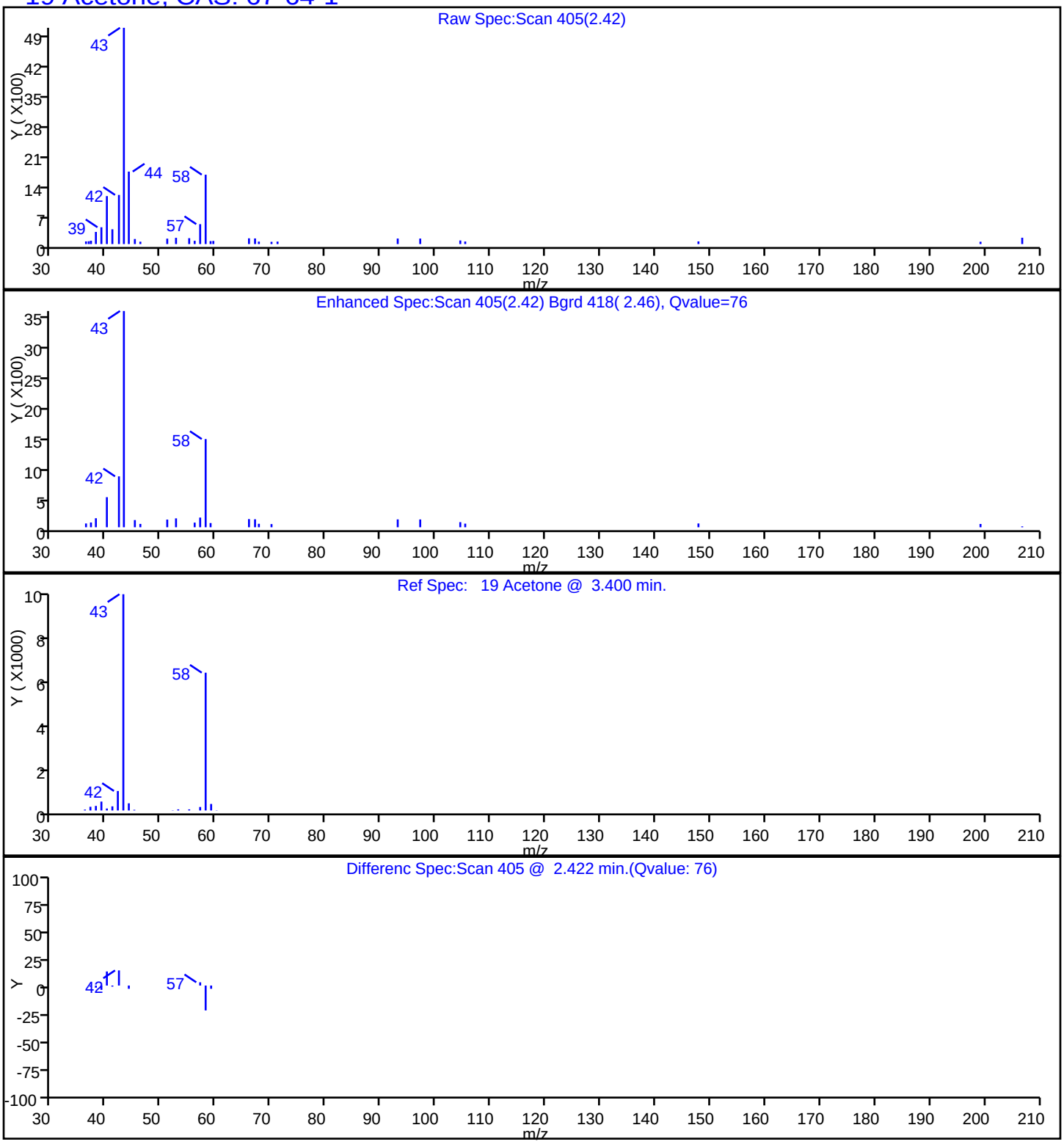
Report Date: 15-Mar-2014 15:33:22 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D

Injection Date:	14-Mar-2014 10:07:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-31-A	Lab Sample ID:	460-72174-31		
Client ID:	PMP-7SW-VD				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

19 Acetone, CAS: 67-64-1



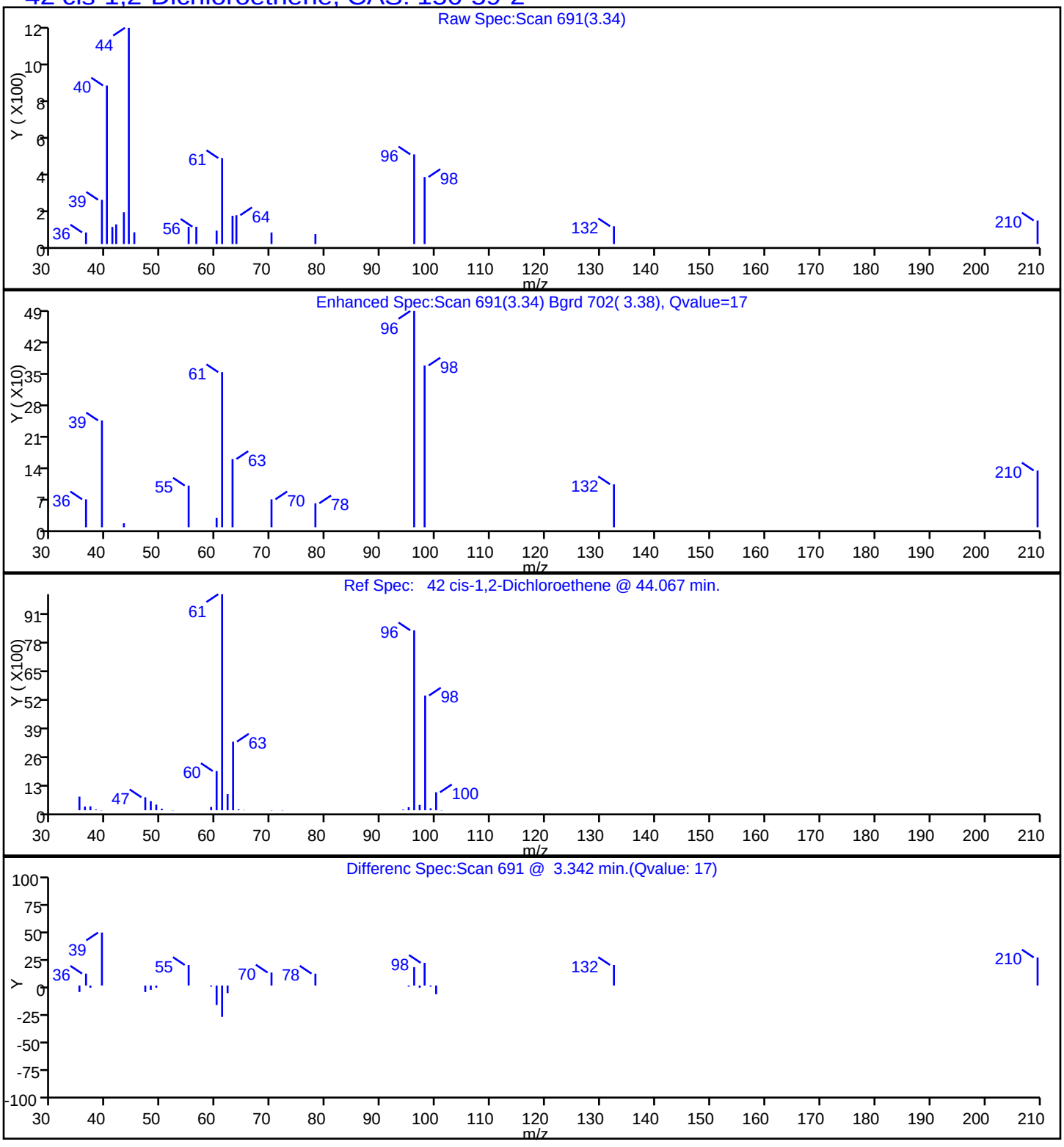
Report Date: 15-Mar-2014 15:33:22 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D

Injection Date:	14-Mar-2014 10:07:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-31-A	Lab Sample ID:	460-72174-31		
Client ID:	PMP-7SW-VD				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

42 cis-1,2-Dichloroethene, CAS: 156-59-2



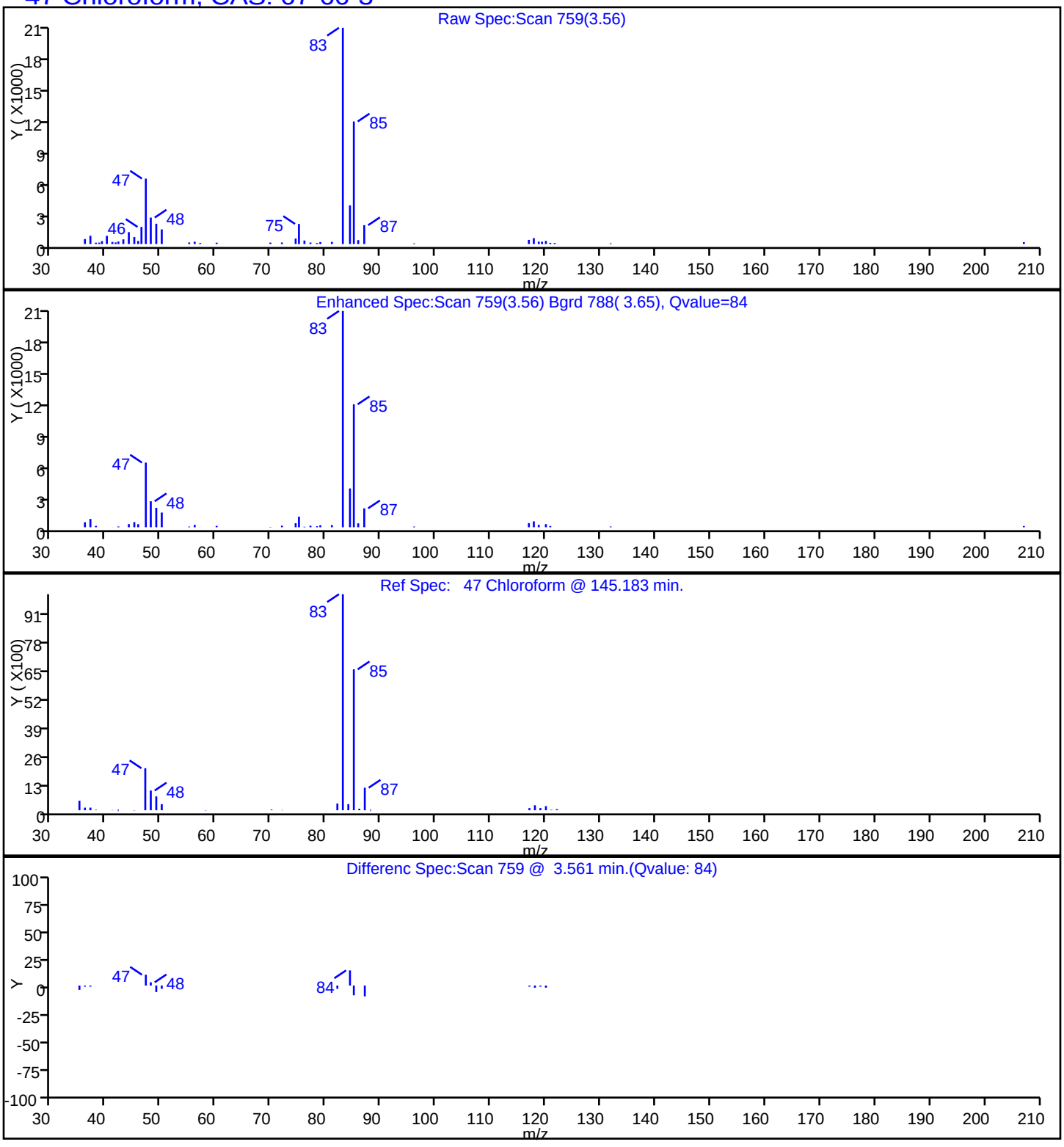
Report Date: 15-Mar-2014 15:33:22 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D

Injection Date:	14-Mar-2014 10:07:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-31-A	Lab Sample ID:	460-72174-31		
Client ID:	PMP-7SW-VD				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

47 Chloroform, CAS: 67-66-3



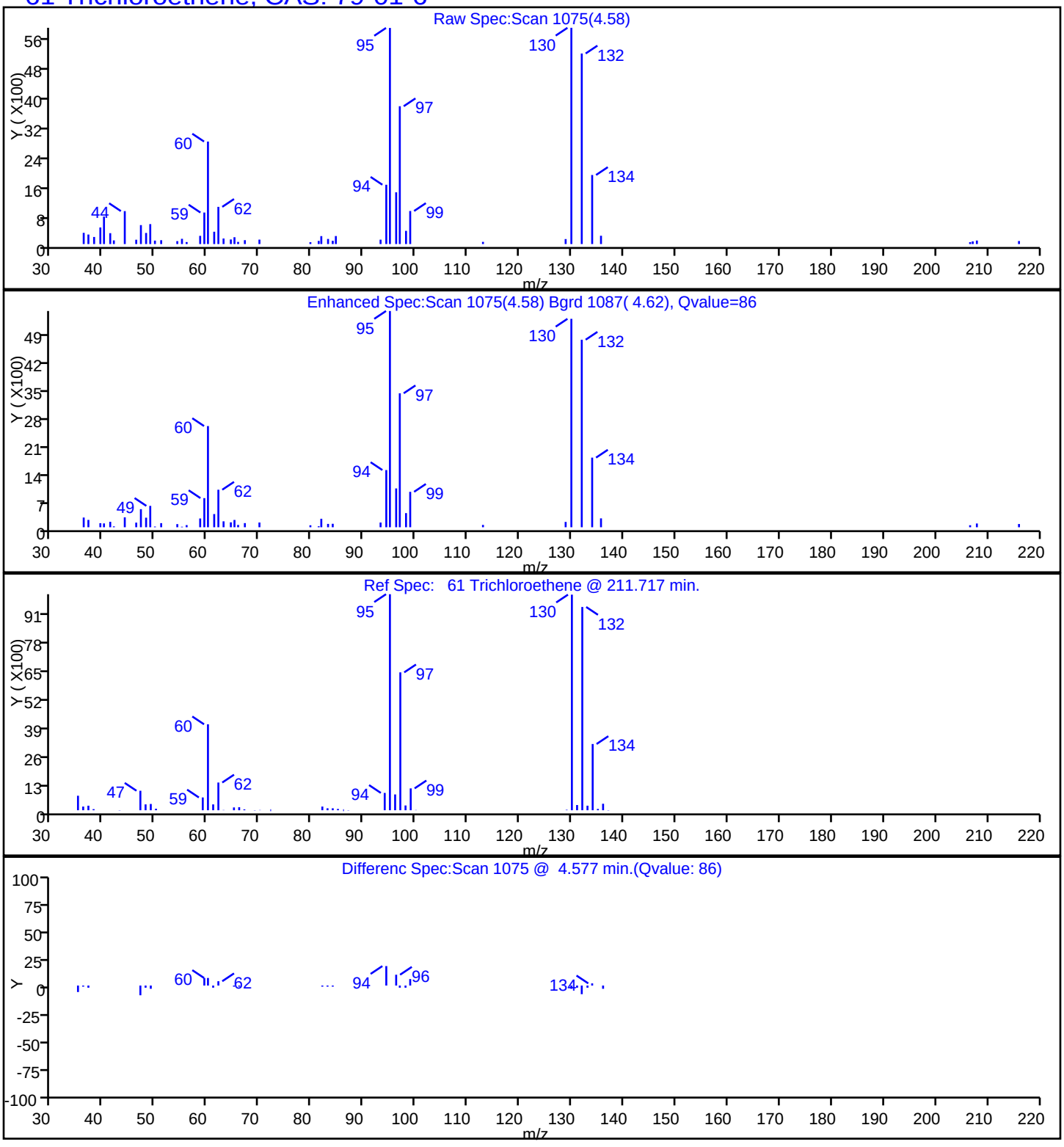
Report Date: 15-Mar-2014 15:33:22 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D

Injection Date:	14-Mar-2014 10:07:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-31-A	Lab Sample ID:	460-72174-31		
Client ID:	PMP-7SW-VD				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

61 Trichloroethene, CAS: 79-01-6



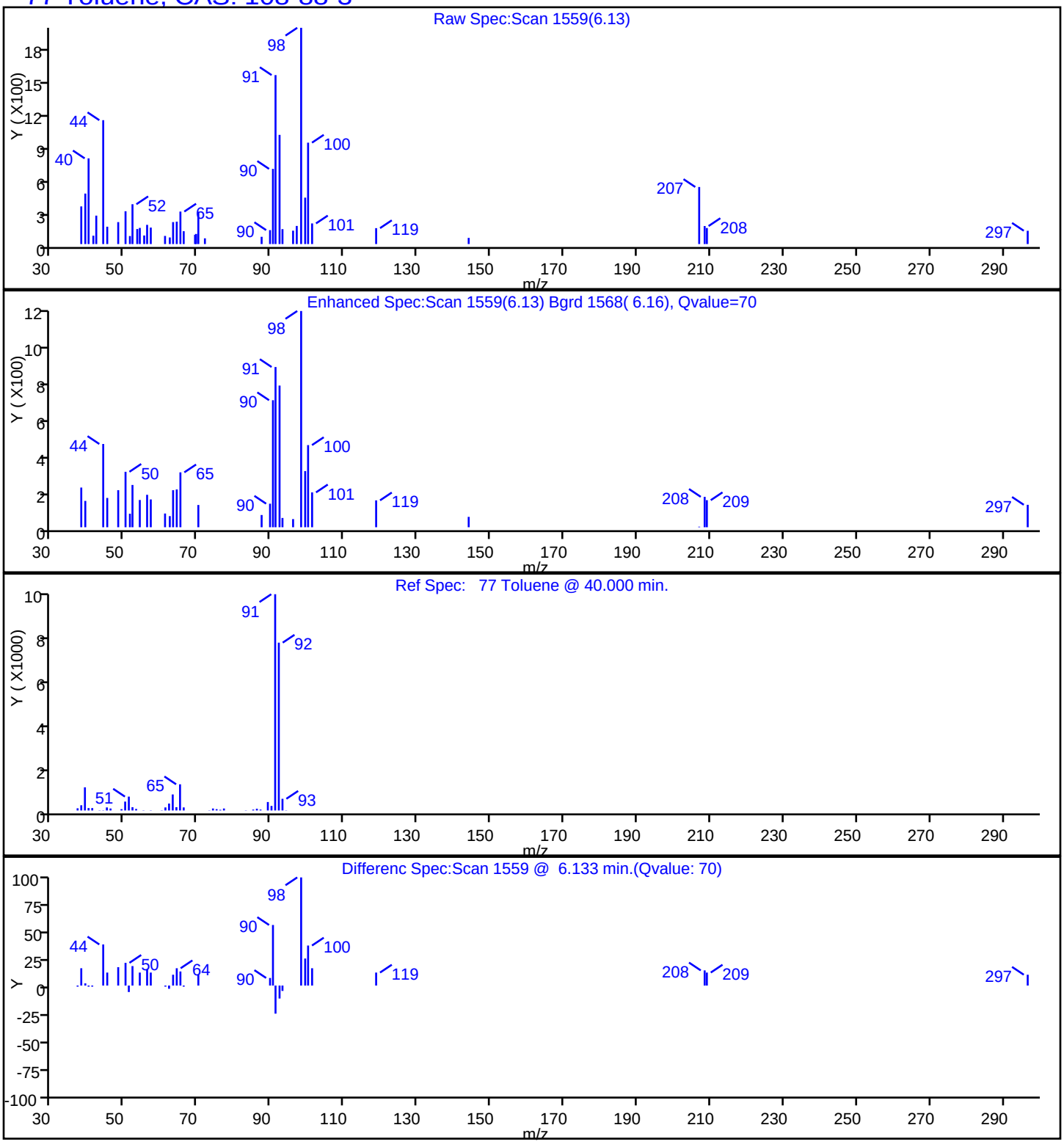
Report Date: 15-Mar-2014 15:33:22 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D

Injection Date:	14-Mar-2014 10:07:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-31-A	Lab Sample ID:	460-72174-31		
Client ID:	PMP-7SW-VD				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

77 Toluene, CAS: 108-88-3



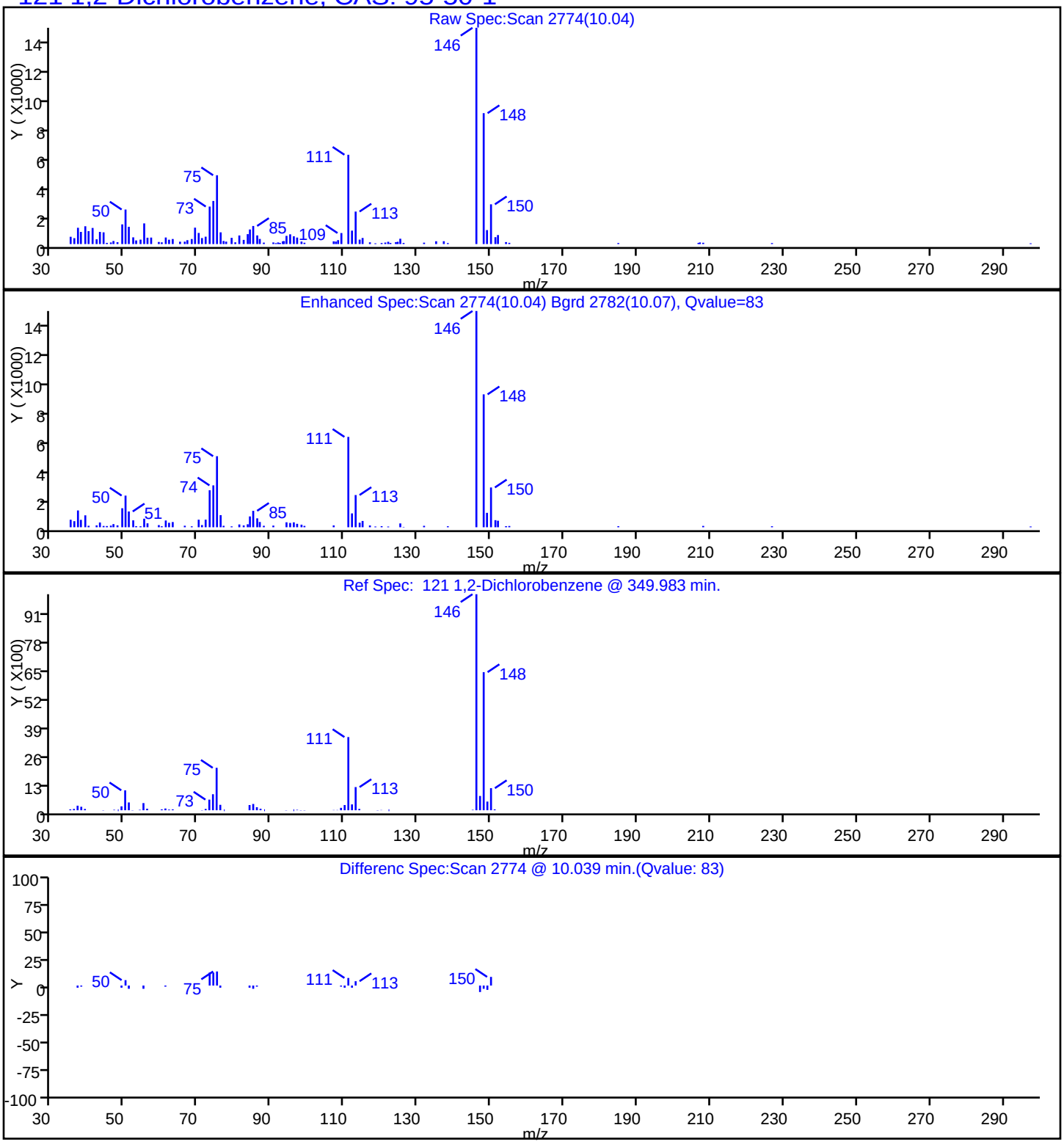
Report Date: 15-Mar-2014 15:33:22 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D

Injection Date:	14-Mar-2014 10:07:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-31-A	Lab Sample ID:	460-72174-31		
Client ID:	PMP-7SW-VD				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

121 1,2-Dichlorobenzene, CAS: 95-50-1



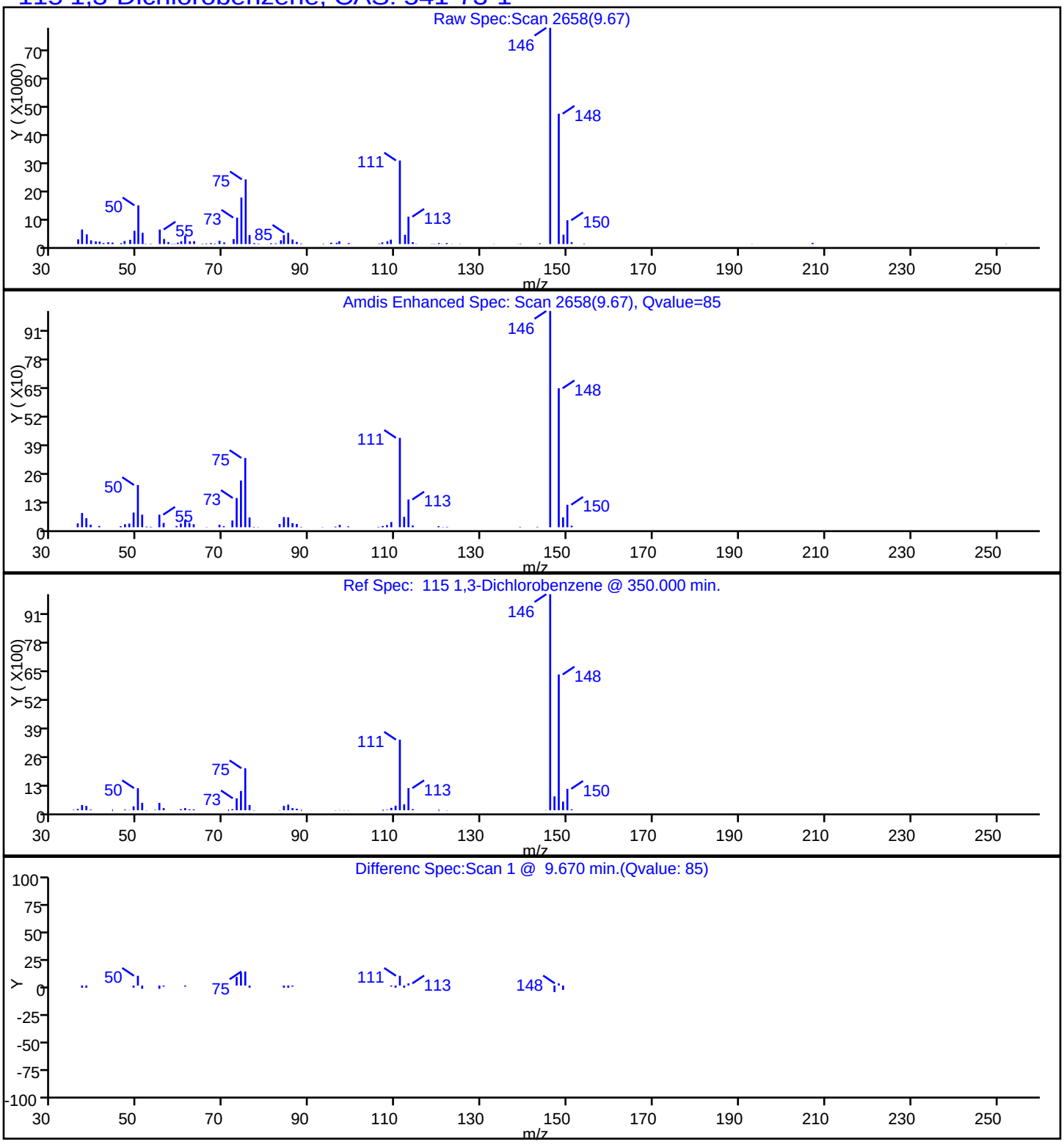
Report Date: 15-Mar-2014 15:33:22 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D

Injection Date:	14-Mar-2014 10:07:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-31-A	Lab Sample ID:	460-72174-31		
Client ID:	PMP-7SW-VD				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

115 1,3-Dichlorobenzene, CAS: 541-73-1



Report Date: 15-Mar-2014 15:33:22 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D

Injection Date: 14-Mar-2014 10:07:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-31-A Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

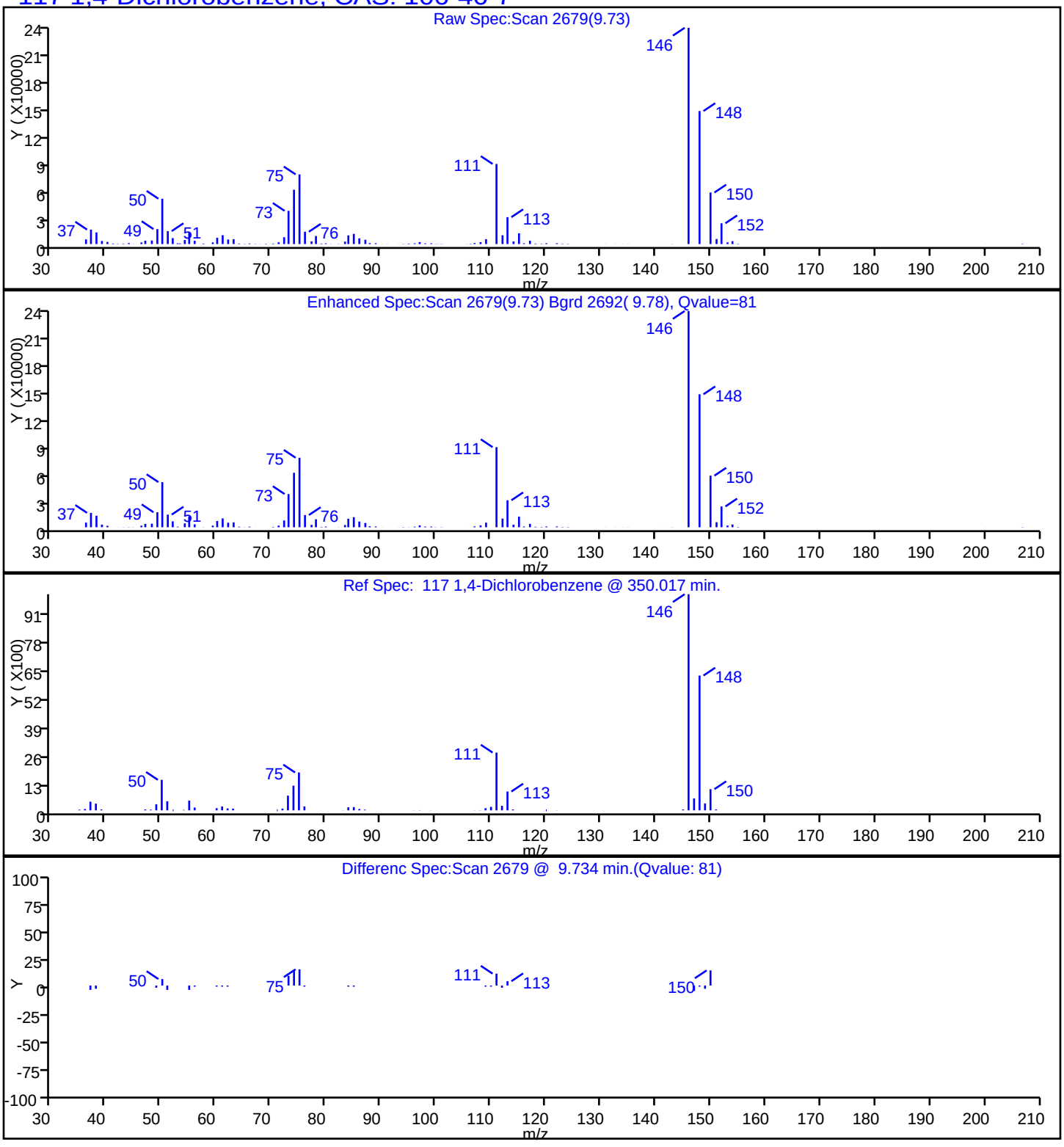
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7



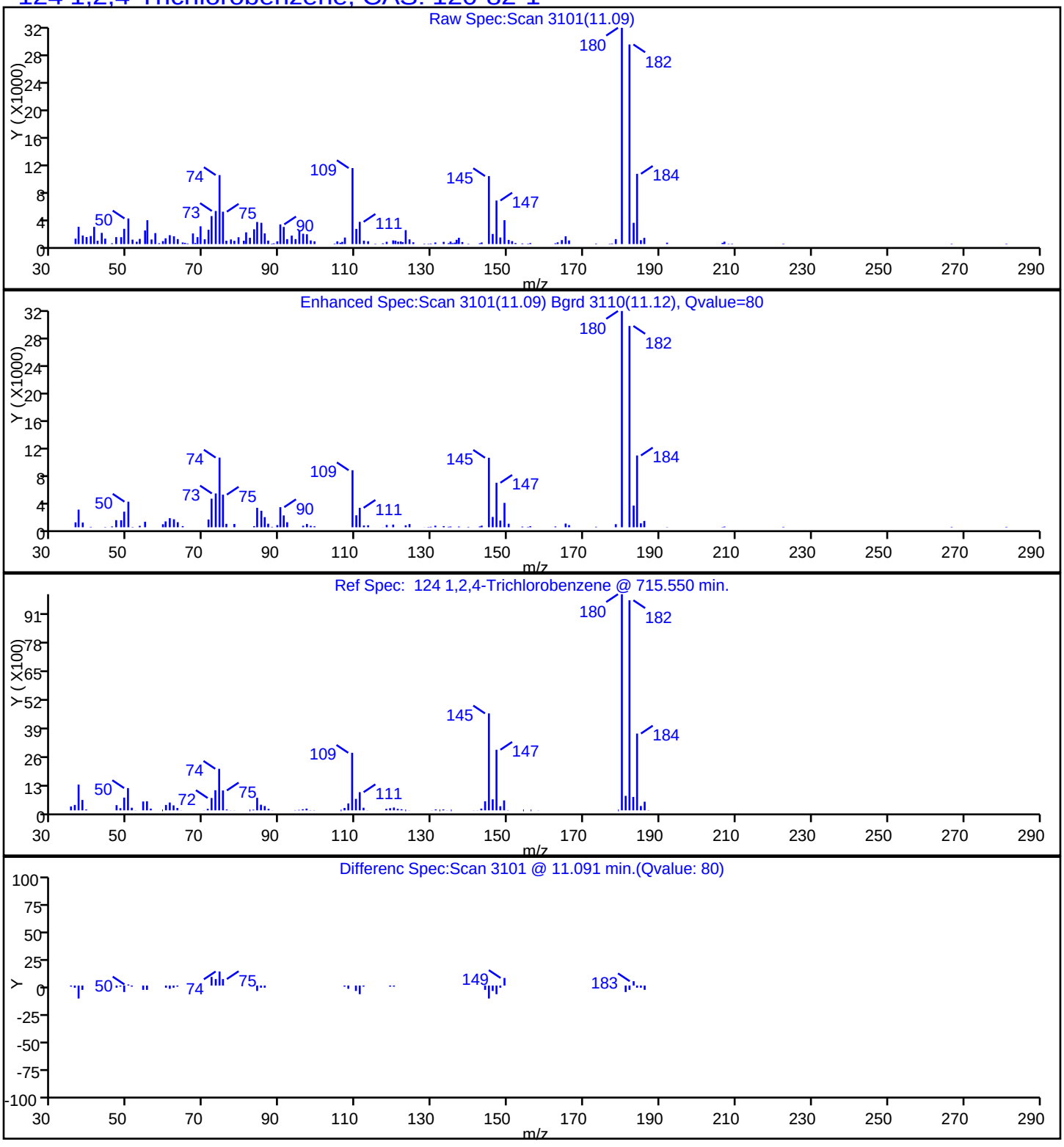
Report Date: 15-Mar-2014 15:33:22 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D

Injection Date:	14-Mar-2014 10:07:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-31-A	Lab Sample ID:	460-72174-31		
Client ID:	PMP-7SW-VD				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



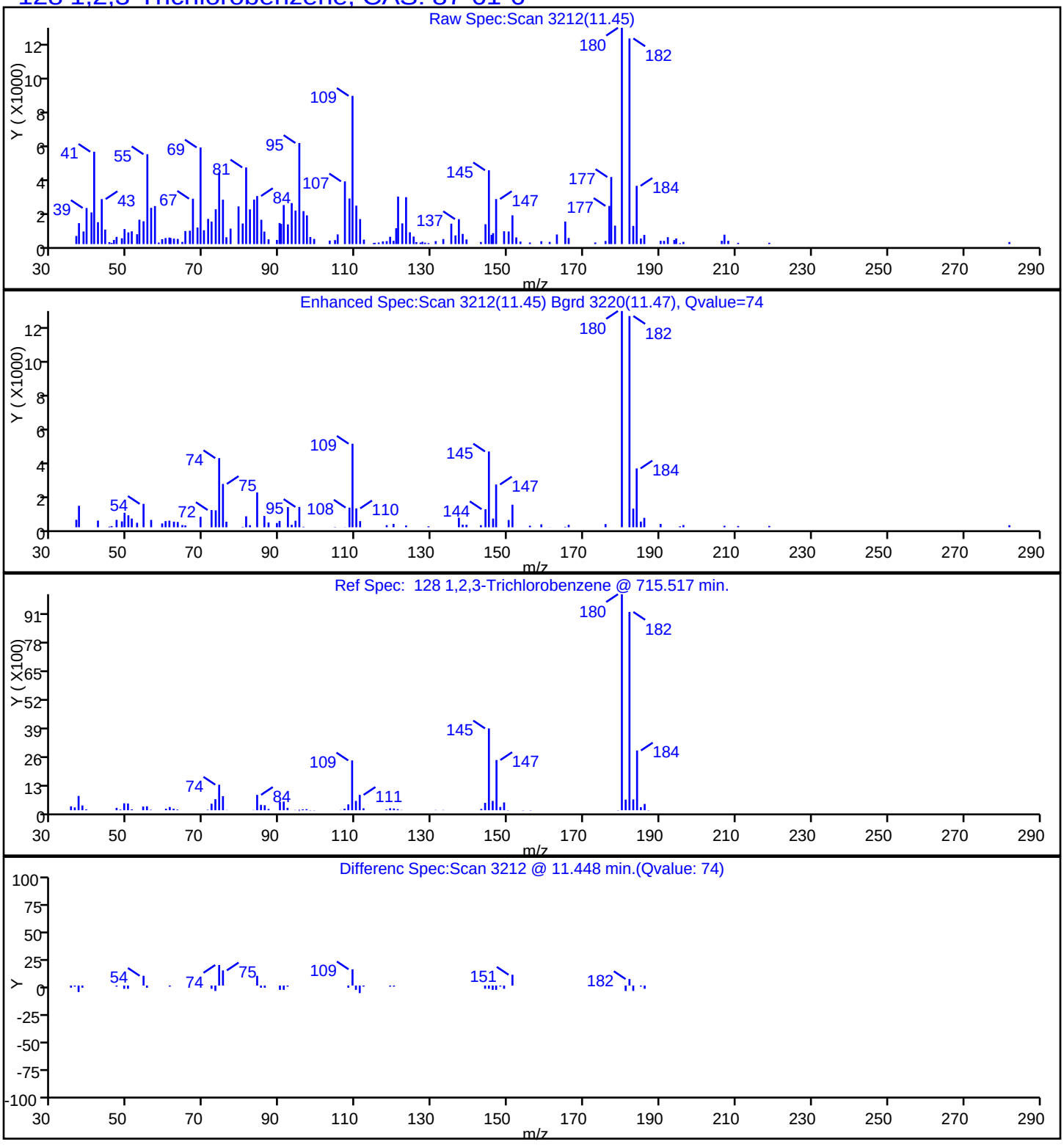
Report Date: 15-Mar-2014 15:33:22 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D

Injection Date:	14-Mar-2014 10:07:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-31-A	Lab Sample ID:	460-72174-31		
Client ID:	PMP-7SW-VD				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



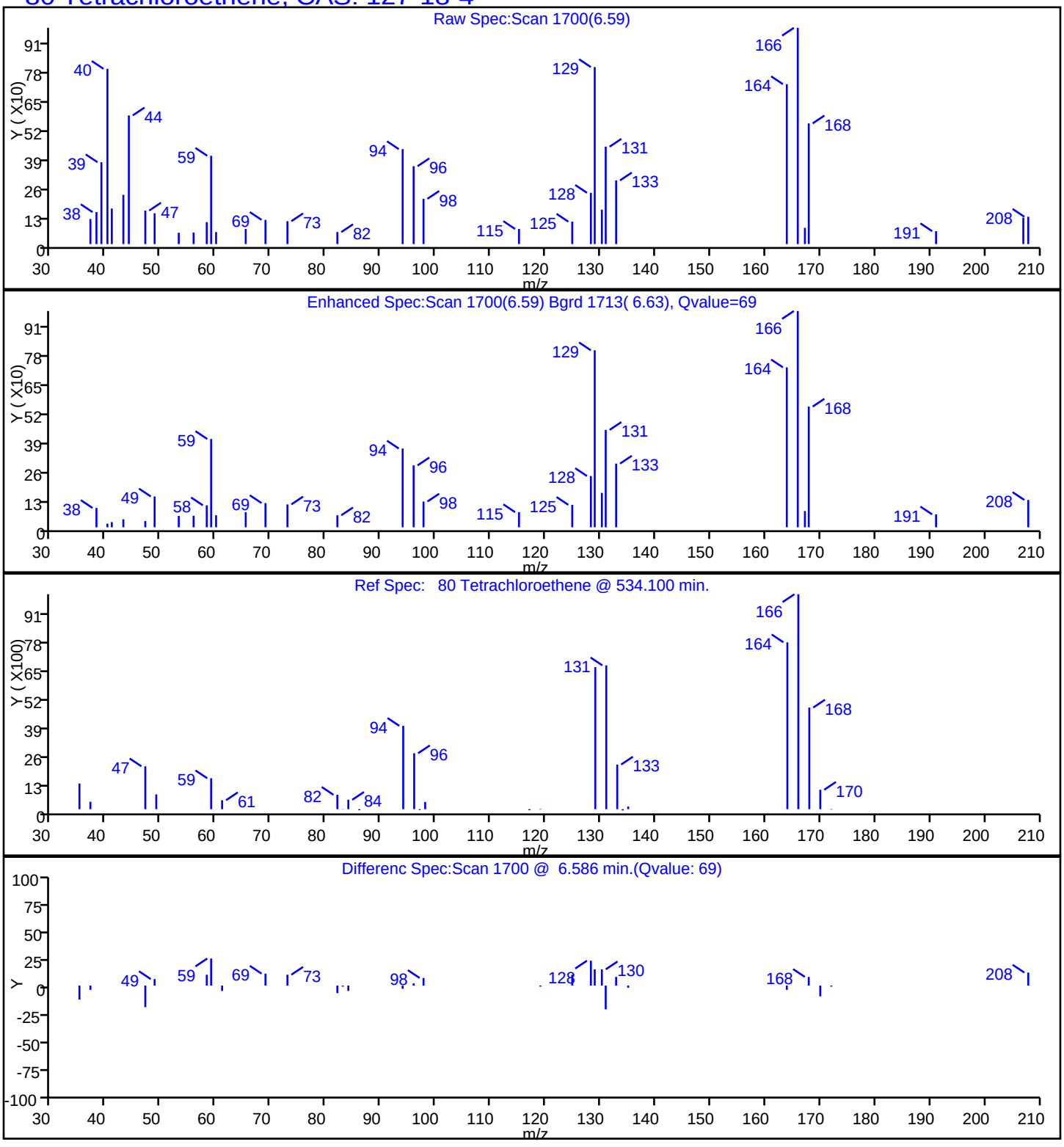
Report Date: 15-Mar-2014 15:33:22 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D

Injection Date:	14-Mar-2014 10:07:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-31-A	Lab Sample ID:	460-72174-31		
Client ID:	PMP-7SW-VD				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

80 Tetrachloroethene, CAS: 127-18-4



Manual Integration/User Assign Peak Report

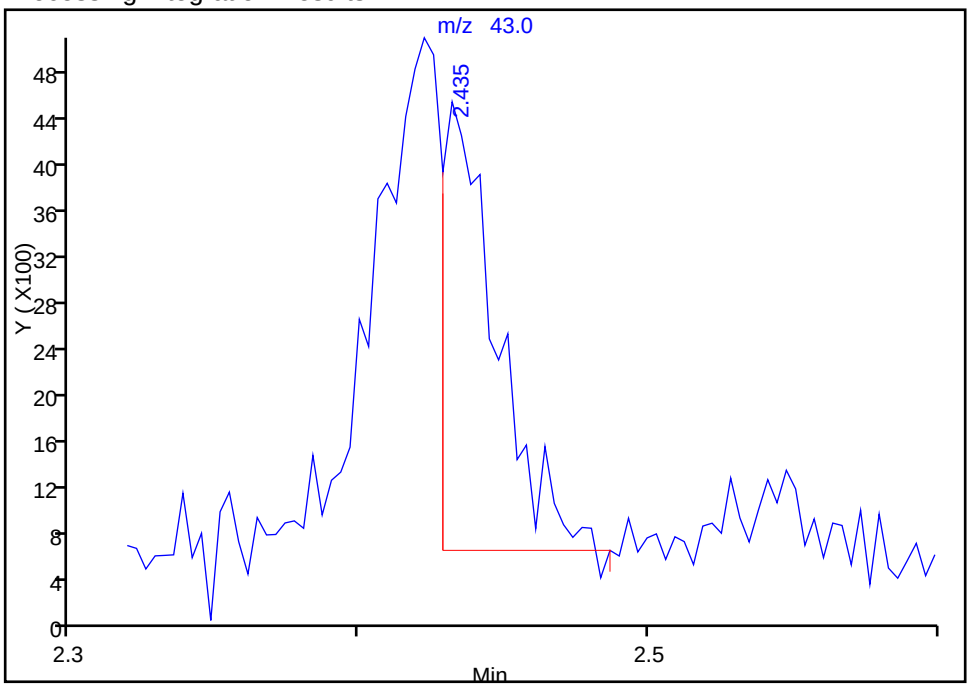
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D		
Injection Date:	14-Mar-2014 10:07:30	Instrument ID:	CVOAMS4
Lims ID:	460-72174-C-31-A	Lab Sample ID:	460-72174-31
Client ID:	PMP-7SW-VD		
Operator ID:		ALS Bottle#:	10 Worklist Smp#: 11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

19 Acetone, CAS: 67-64-1

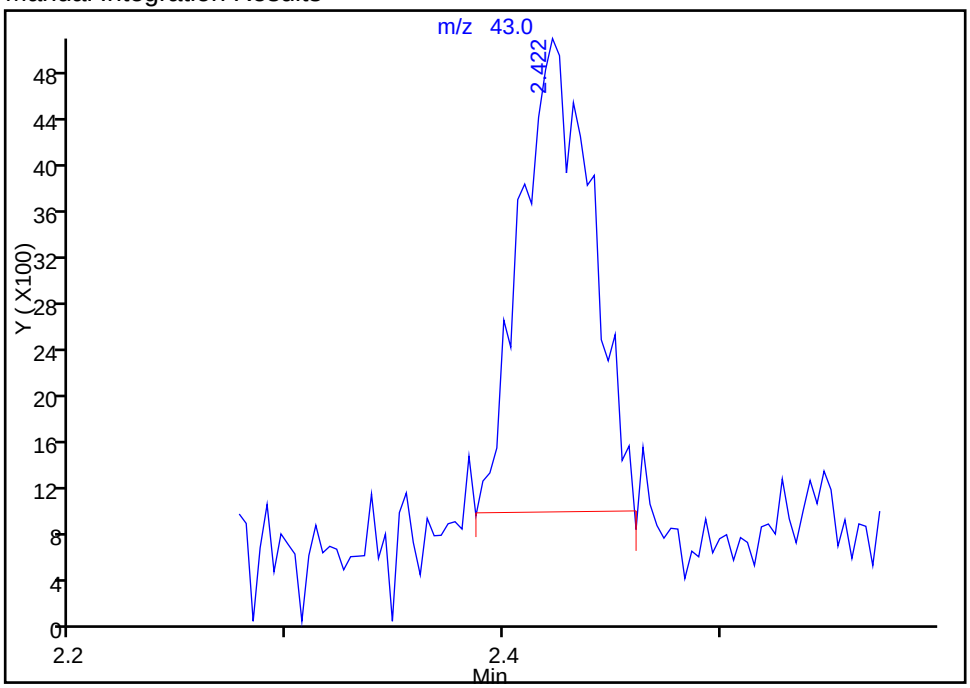
Processing Integration Results

RT: 2.44
Response: 5075
Amount: 8.840674



Manual Integration Results

RT: 2.42
Response: 9368
Amount: 16.322419



Reviewer: baronm, 15-Mar-2014 15:17:55
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

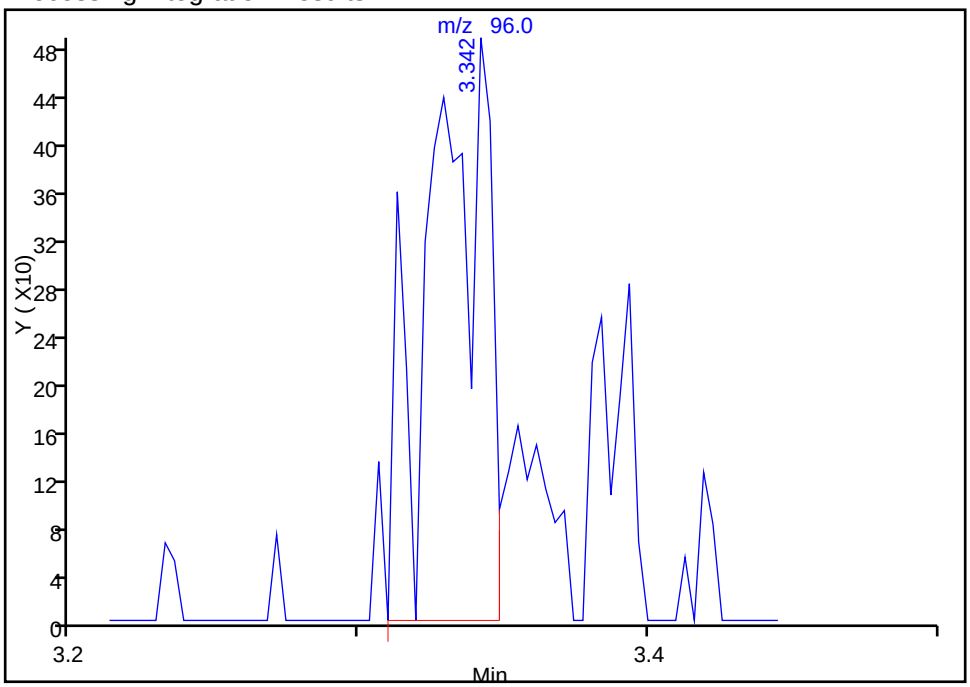
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D		
Injection Date:	14-Mar-2014 10:07:30	Instrument ID:	CVOAMS4
Lims ID:	460-72174-C-31-A	Lab Sample ID:	460-72174-31
Client ID:	PMP-7SW-VD		
Operator ID:		ALS Bottle#:	10 Worklist Smp#: 11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

42 cis-1,2-Dichloroethene, CAS: 156-59-2

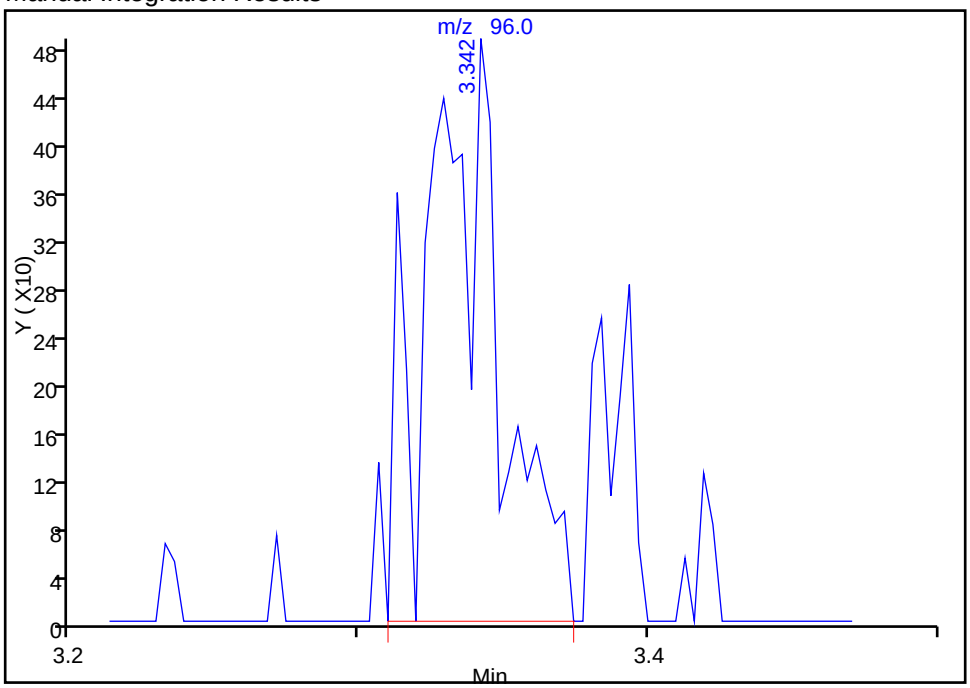
Processing Integration Results

RT: 3.34
Response: 712
Amount: 0.205123



Manual Integration Results

RT: 3.34
Response: 873
Amount: 0.251506



Reviewer: baronm, 15-Mar-2014 15:17:55
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

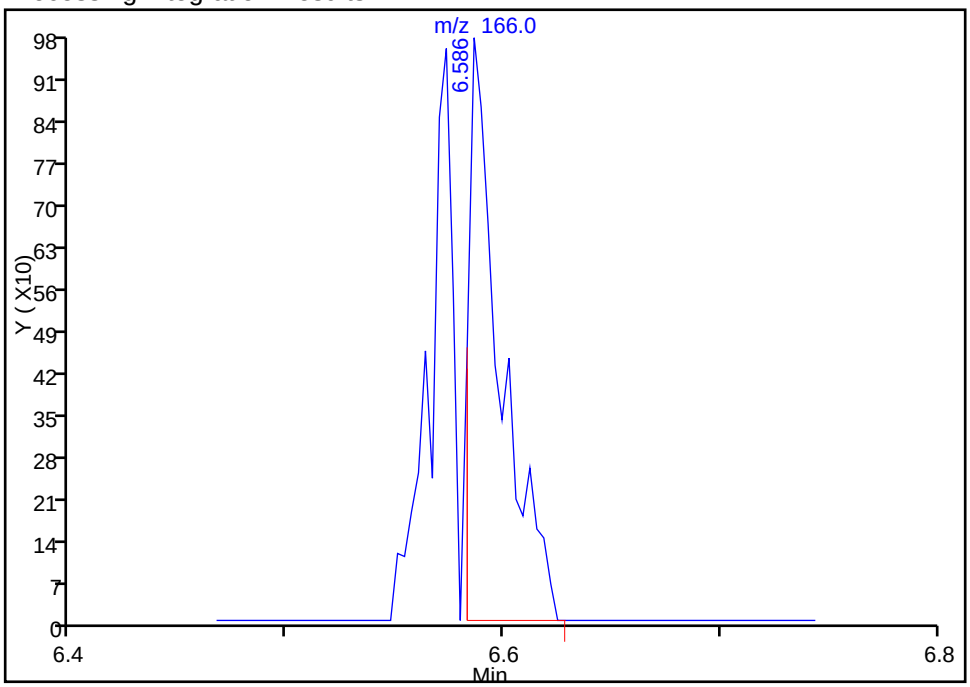
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D				
Injection Date:	14-Mar-2014 10:07:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-31-A	Lab Sample ID:	460-72174-31		
Client ID:	PMP-7SW-VD				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

80 Tetrachloroethene, CAS: 127-18-4

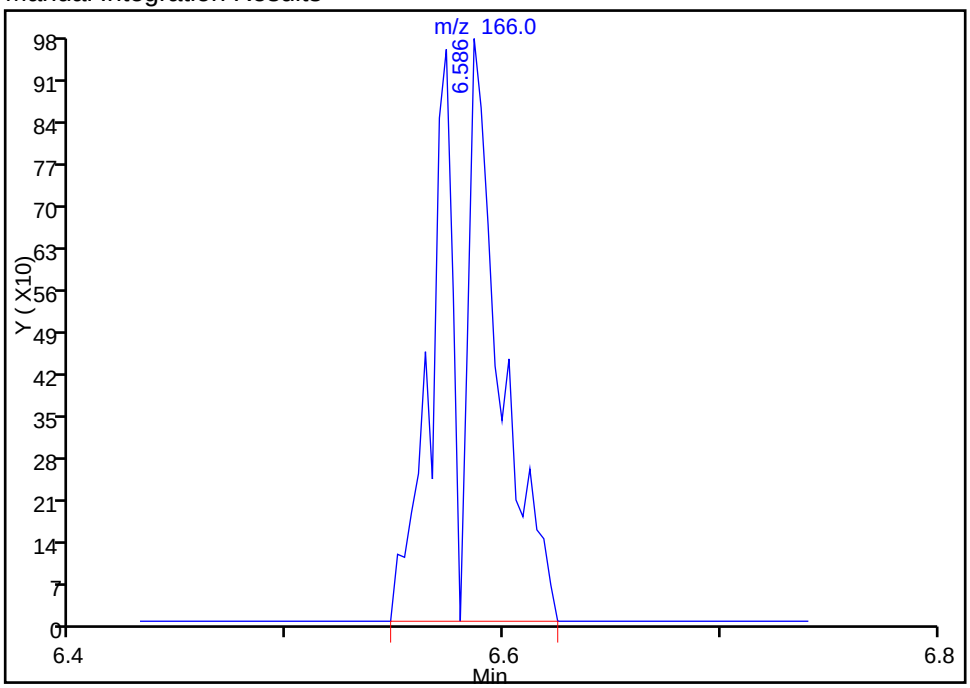
Processing Integration Results

RT: 6.59
Response: 992
Amount: 0.395296



Manual Integration Results

RT: 6.59
Response: 1702
Amount: 0.678220



Reviewer: baronm, 15-Mar-2014 15:17:55
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Report Date: 15-Mar-2014 15:33:22 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D

Injection Date: 14-Mar-2014 10:07:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-31-A Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

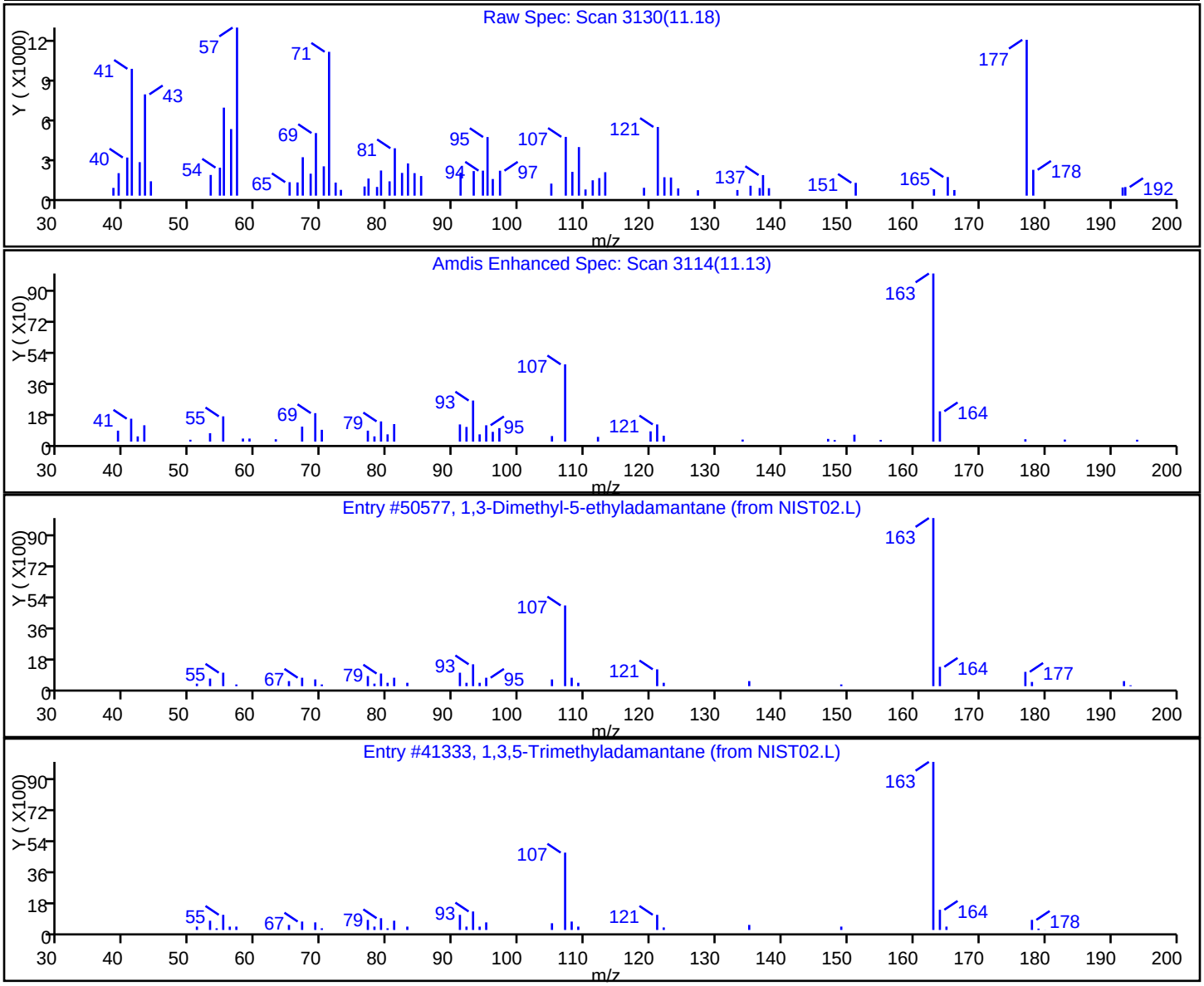
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,3-Dimethyl-5-ethyladamantane	1687-35-0	NIST02.L	50577	C14H24	192	72
1,3,5-Trimethyladamantane	707-35-7	NIST02.L	41333	C13H22	178	72



Report Date: 15-Mar-2014 15:33:22 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D

Injection Date: 14-Mar-2014 10:07:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-31-A Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

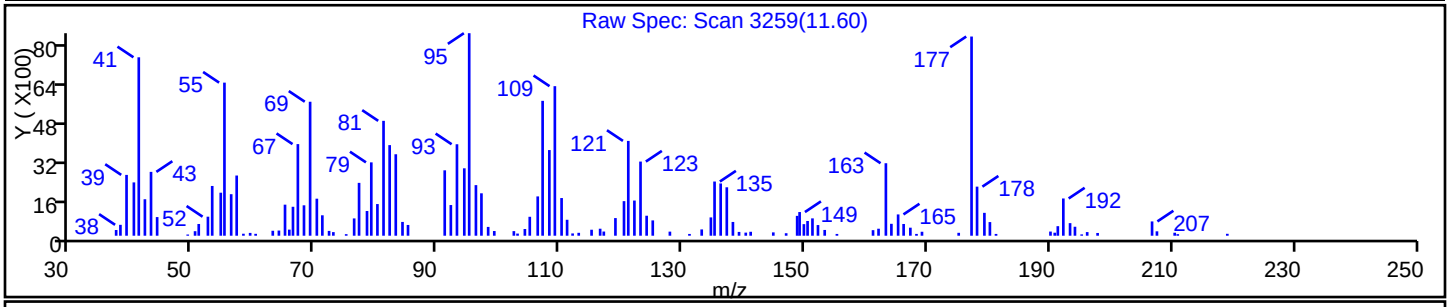
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11

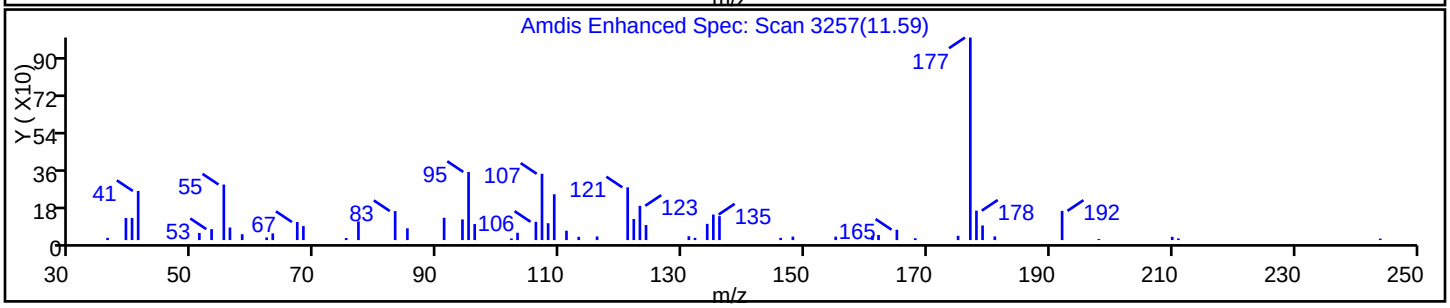
Purge Vol: 5.000 mL Dil. Factor: 1.0000

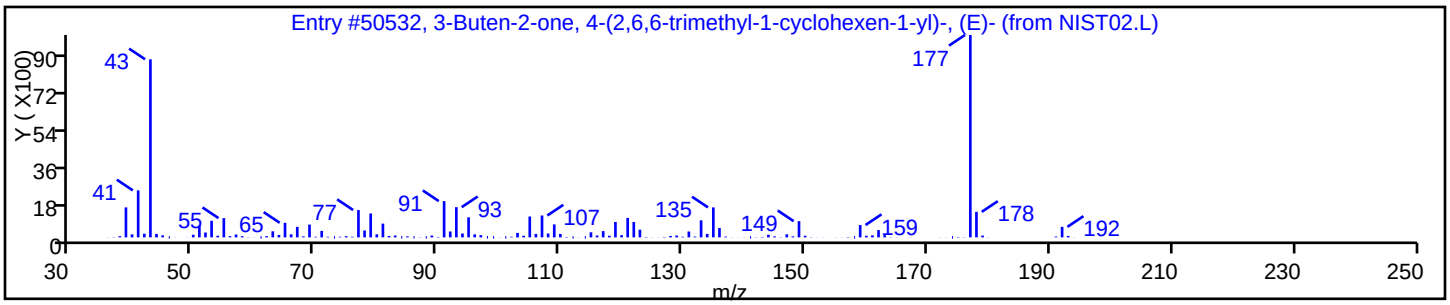
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown		NIST02.L	0		0	0
3-Buten-2-one, 4-(2,6,6-trimethyl-1-cycl	79-77-6	NIST02.L	50532	C13H20O	192	72







Report Date: 15-Mar-2014 15:33:22 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D

Injection Date: 14-Mar-2014 10:07:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-31-A Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

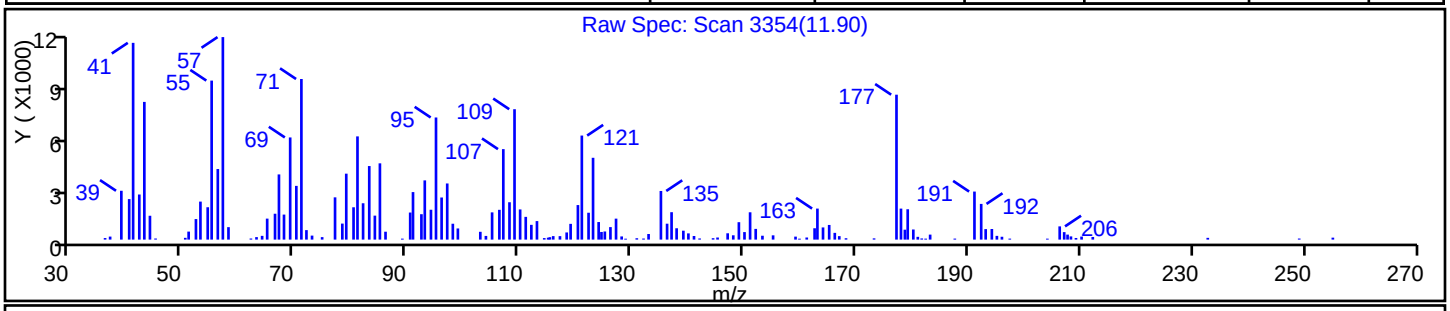
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11

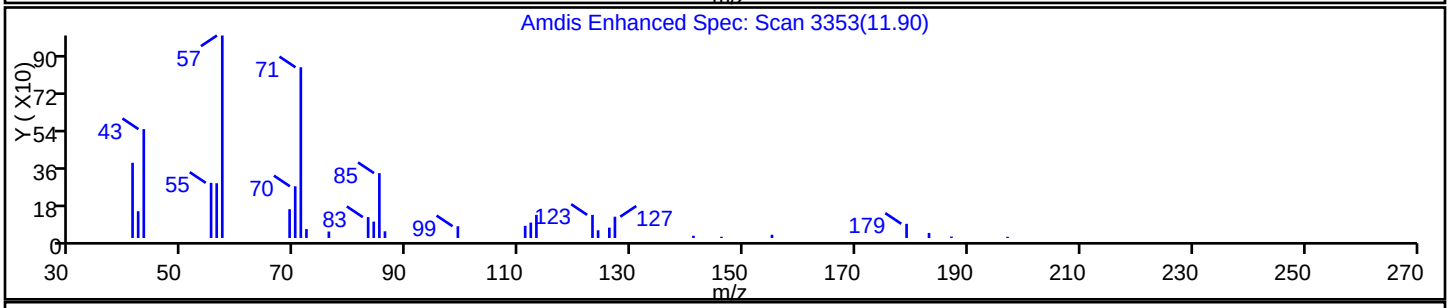
Purge Vol: 5.000 mL Dil. Factor: 1.0000

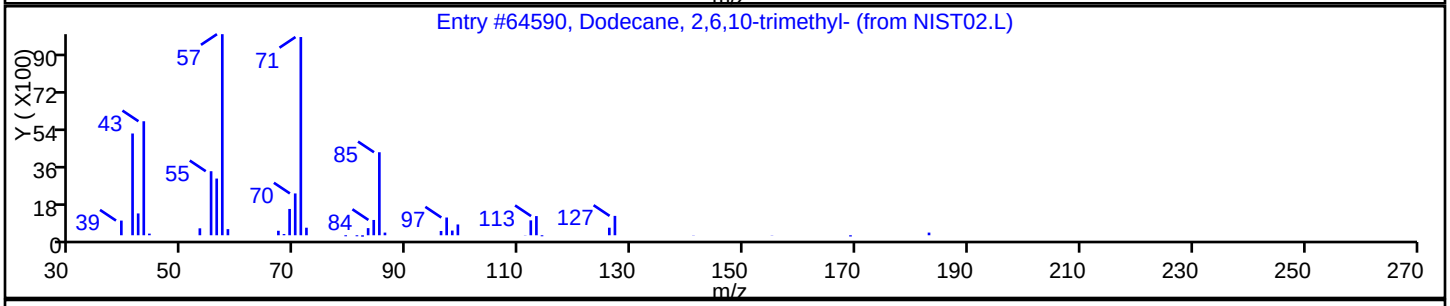
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

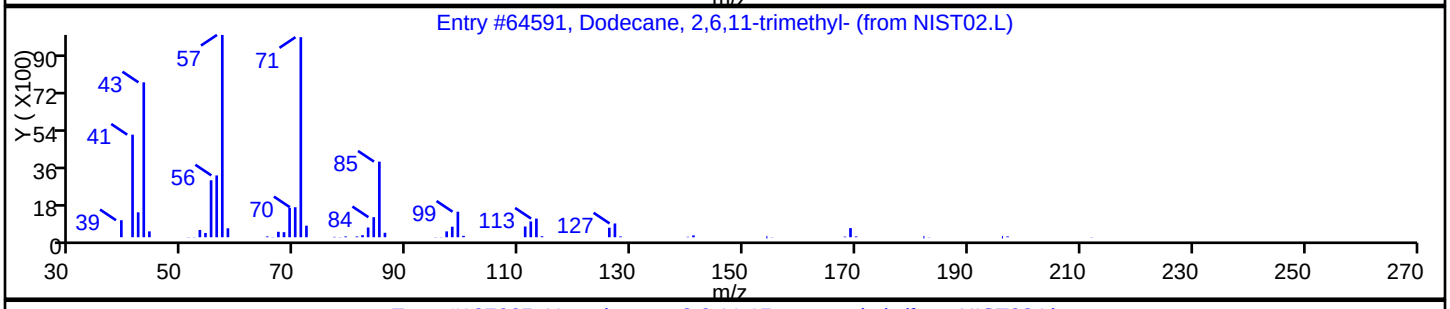
Column: Detector MS SCAN

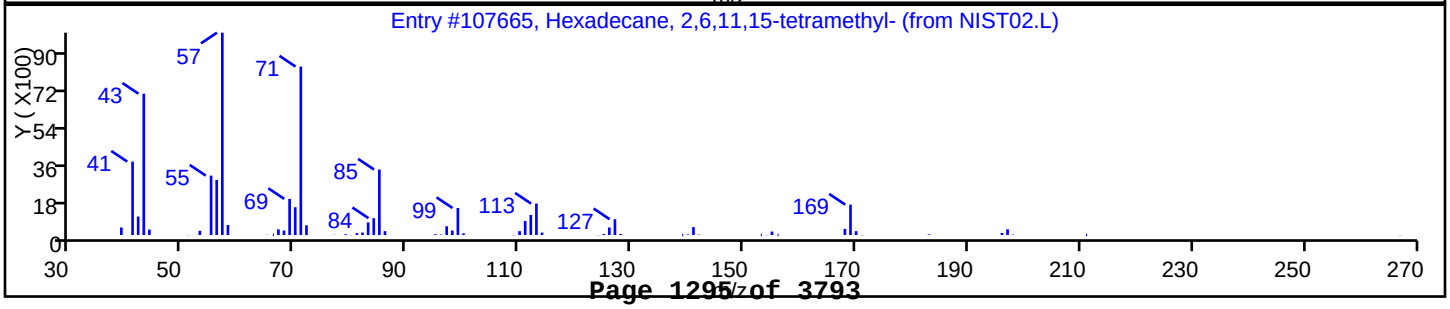
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	C15H32	212	83
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64591	C15H32	212	80
Hexadecane, 2,6,11,15-tetramethyl-	504-44-9	NIST02.L	107665	C20H42	282	80











Report Date: 15-Mar-2014 15:33:22 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D

Injection Date: 14-Mar-2014 10:07:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-31-A Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

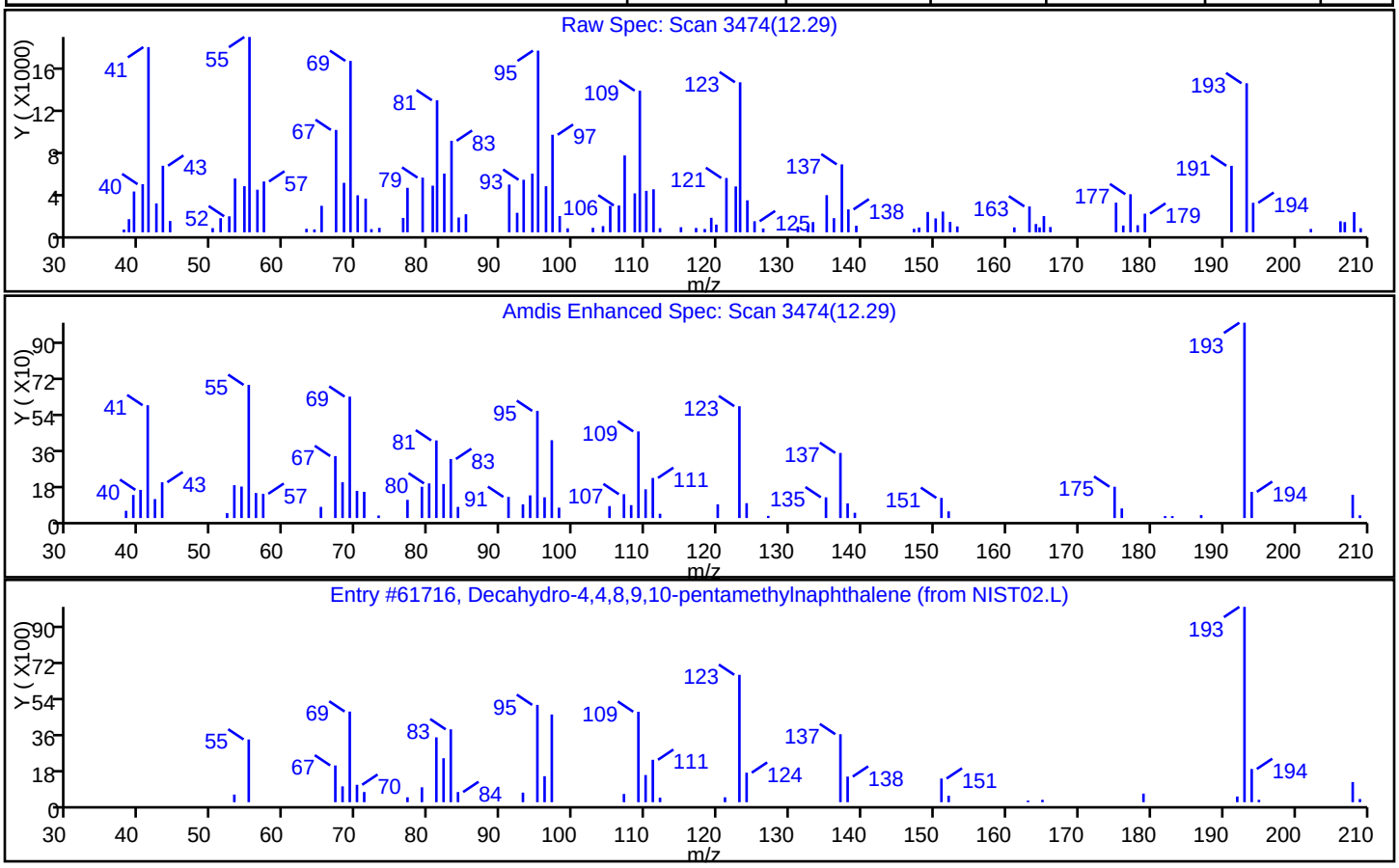
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	C15H28	208	96



Report Date: 15-Mar-2014 15:33:22 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D

Injection Date: 14-Mar-2014 10:07:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-31-A Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

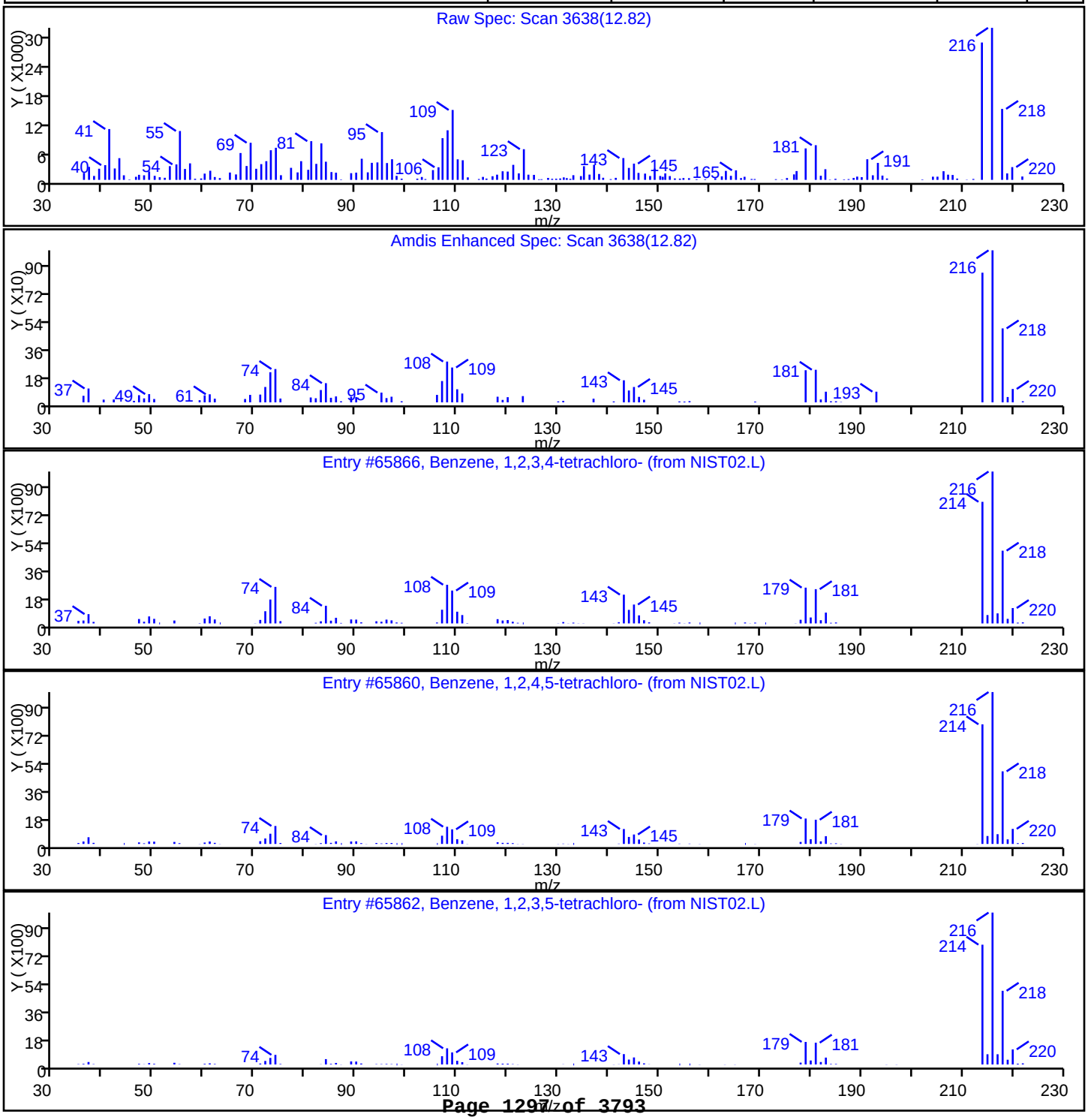
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3,4-tetrachloro-	634-66-2	NIST02.L	65866	C6H2Cl4	214	99
Benzene, 1,2,4,5-tetrachloro-	95-94-3	NIST02.L	65860	C6H2Cl4	214	98
Benzene, 1,2,3,5-tetrachloro-	634-90-2	NIST02.L	65862	C6H2Cl4	214	98



Report Date: 15-Mar-2014 15:33:22 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D

Injection Date: 14-Mar-2014 10:07:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-31-A Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

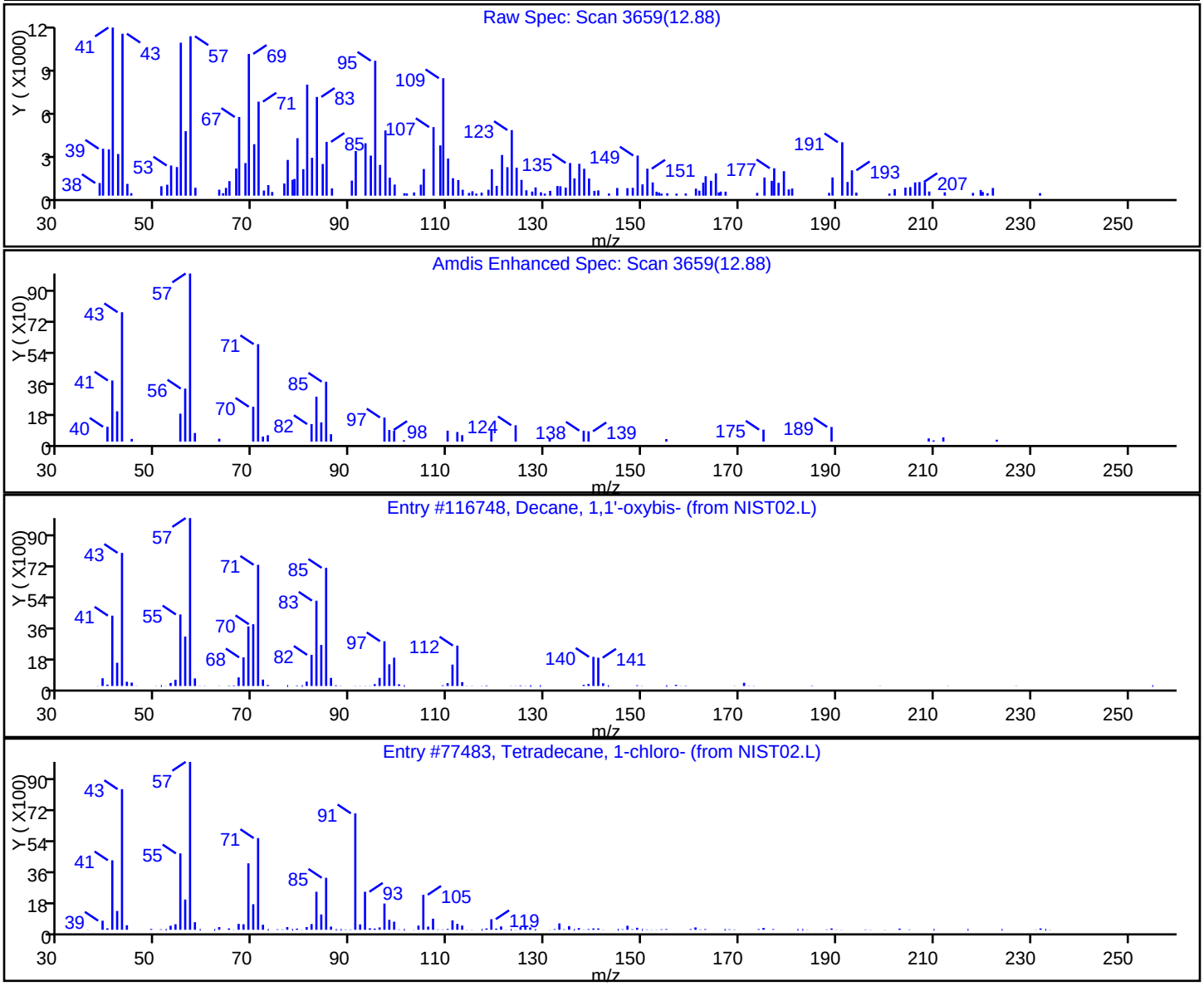
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decane, 1,1'-oxybis-	2456-28-2	NIST02.L	116748	C20H42O	298	86
Tetradecane, 1-chloro-	2425-54-9	NIST02.L	77483	C14H29Cl	232	72



Report Date: 15-Mar-2014 15:33:22 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D

Injection Date: 14-Mar-2014 10:07:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-31-A Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

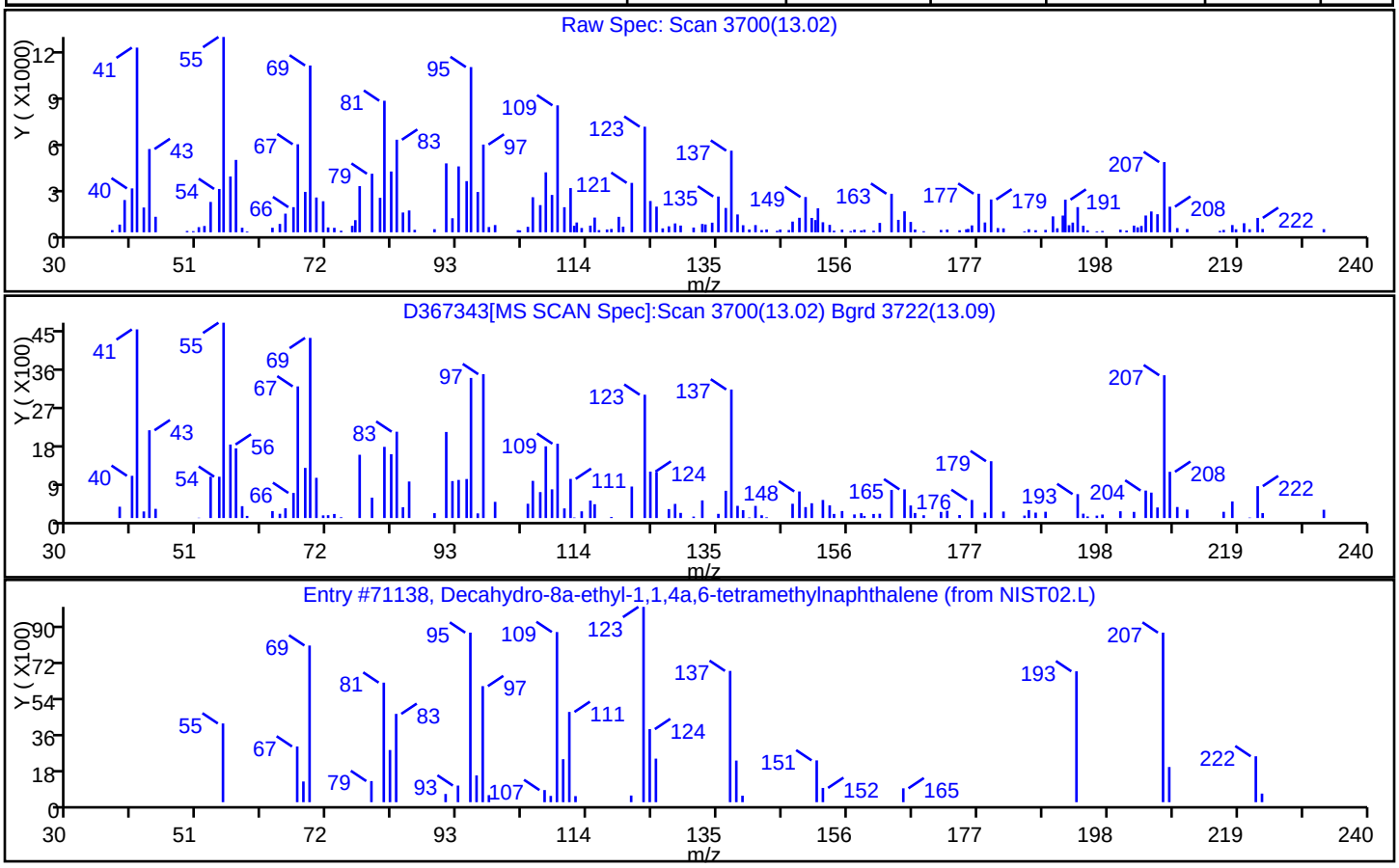
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	1000100-23·	NIST02.L	71138	C16H30	222	64



Report Date: 15-Mar-2014 15:33:22 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D

Injection Date: 14-Mar-2014 10:07:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-31-A Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

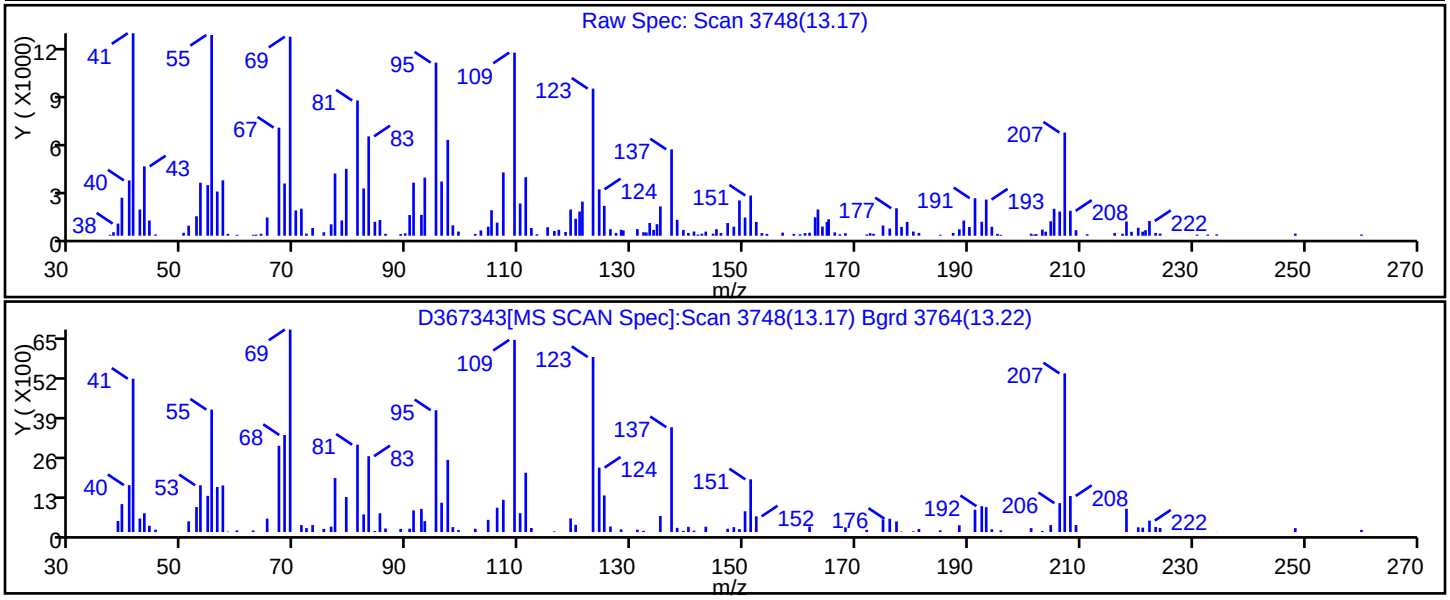
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11

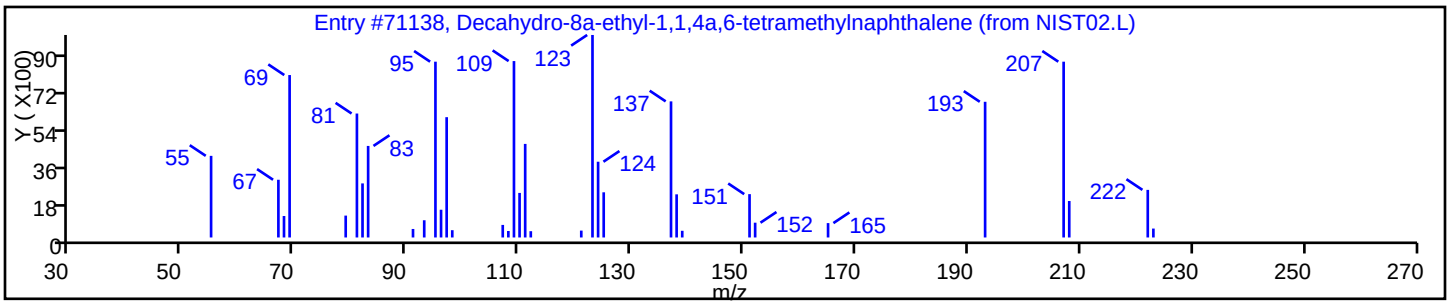
Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown		NIST02.L	0		0	0
Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	1000100-23·	NIST02.L	71138	C16H30	222	47





Report Date: 15-Mar-2014 15:33:22 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D

Injection Date: 14-Mar-2014 10:07:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-31-A Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

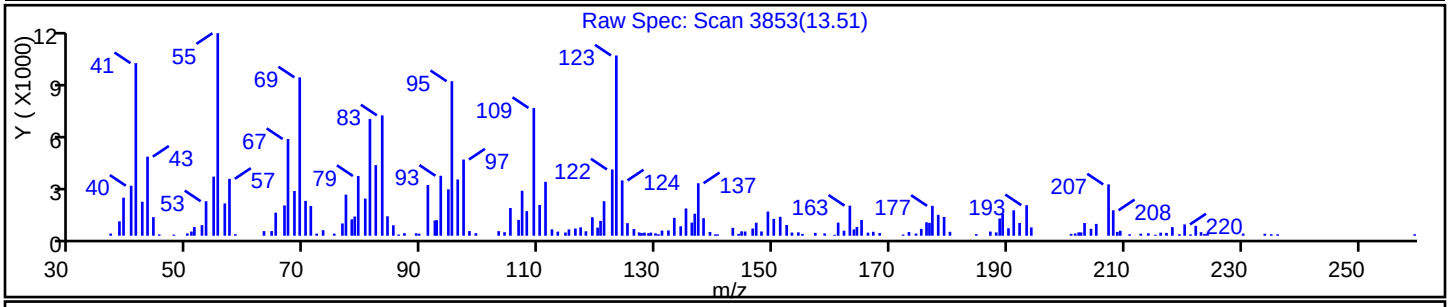
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11

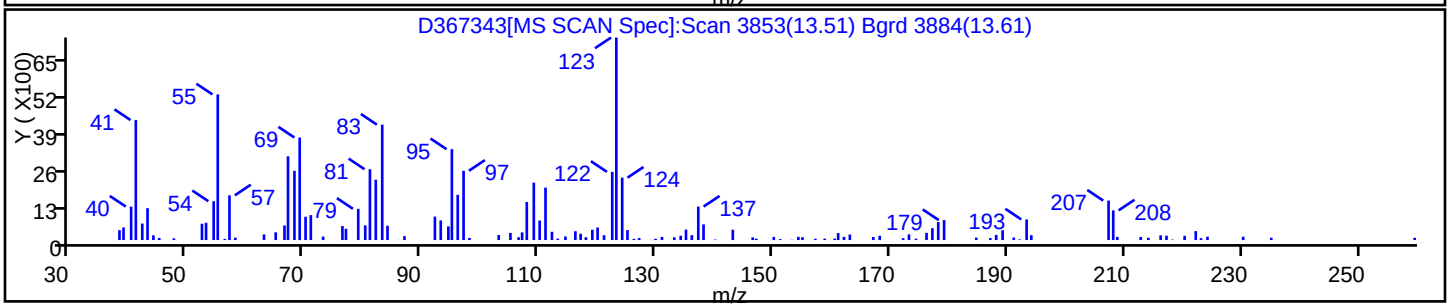
Purge Vol: 5.000 mL Dil. Factor: 1.0000

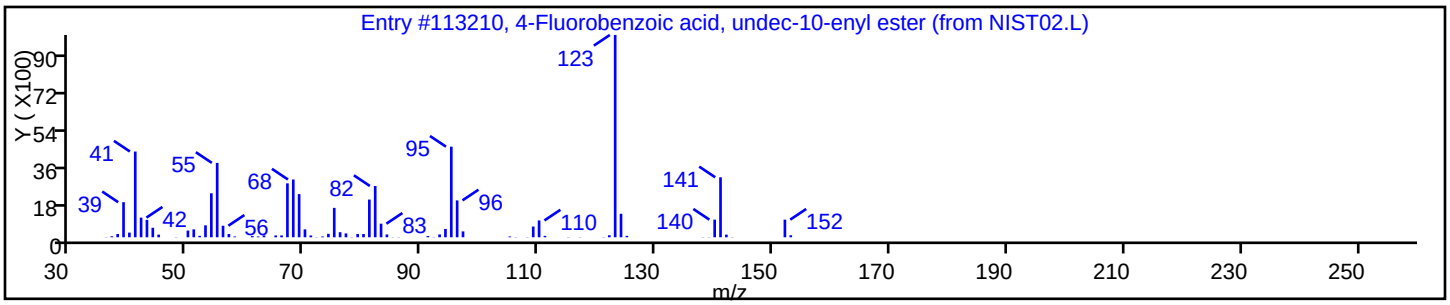
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown		NIST02.L	0		0	0
4-Fluorobenzoic acid, undec-10-enyl este	1000279-02-	NIST02.L	113210	C18H25FO2	292	43







Report Date: 15-Mar-2014 15:33:22 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367343.D

Injection Date: 14-Mar-2014 10:07:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-31-A Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

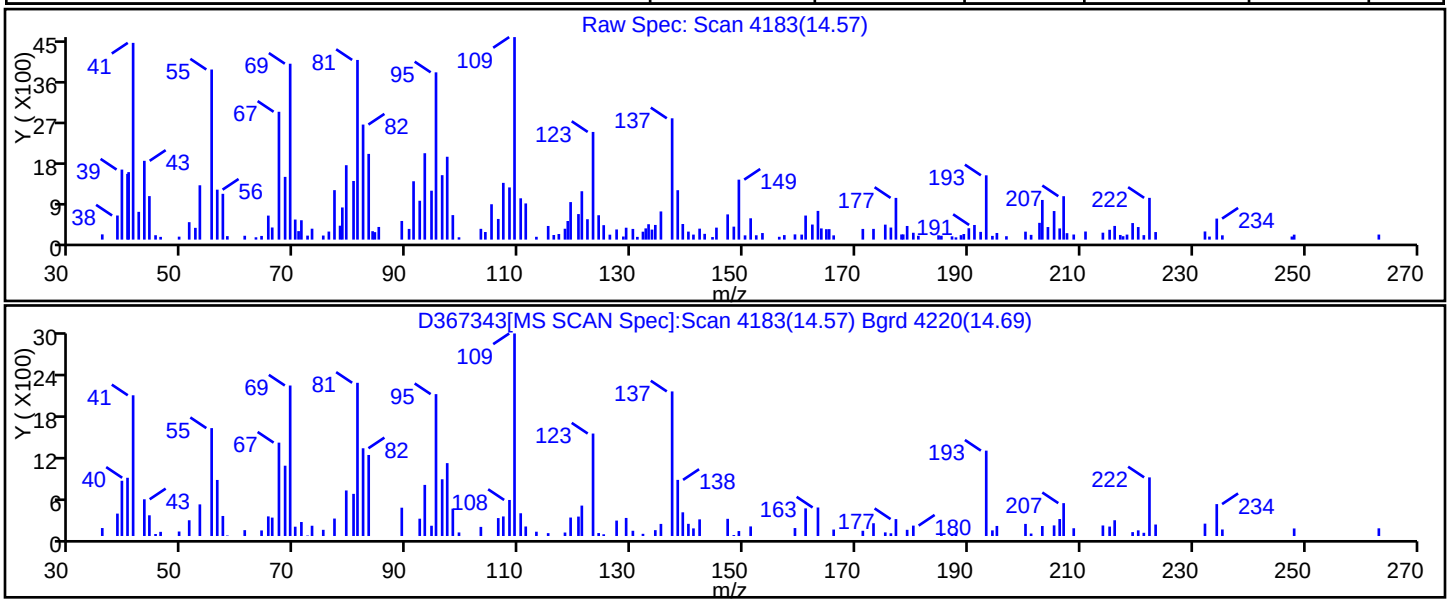
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11

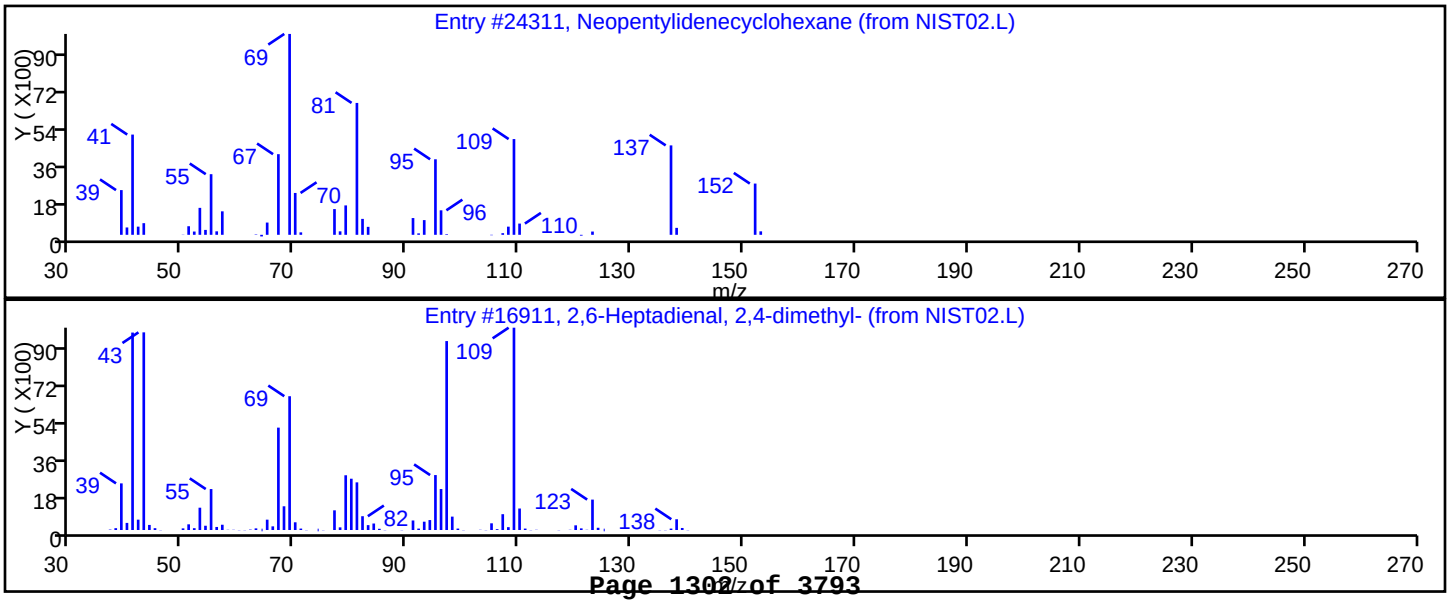
Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown		NIST02.L	0		0	0
Neopentylidenecyclohexane	39546-80-0	NIST02.L	24311	C11H20	152	58
2,6-Heptadienal, 2,4-dimethyl-	85136-08-9	NIST02.L	16911	C9H14O	138	46





FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-WI | Lab Sample ID: 460-72174-32

Matrix: Solid | Lab File ID: J09961.D

Analysis Method: 8260B | Date Collected: 03/06/2014 13:55

Sample wt/vol: 8.218(g) | Date Analyzed: 03/13/2014 20:21

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.0 | Level: (low/med) Medium

Analysis Batch No.: 212315 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	6.5	U	67	6.5
74-83-9	Bromomethane	12	U	67	12
75-01-4	Vinyl chloride	9.7	U	67	9.7
75-00-3	Chloroethane	11	U	67	11
75-09-2	Methylene Chloride	12	U	67	12
67-64-1	Acetone	180	U	330	180
75-15-0	Carbon disulfide	8.4	U	67	8.4
75-69-4	Trichlorofluoromethane	9.8	U	67	9.8
75-35-4	1,1-Dichloroethene	5.9	U	67	5.9
75-34-3	1,1-Dichloroethane	8.7	U	67	8.7
156-60-5	trans-1,2-Dichloroethene	8.6	U	67	8.6
156-59-2	cis-1,2-Dichloroethene	12	U	67	12
67-66-3	Chloroform	5.3	U	67	5.3
78-93-3	2-Butanone	160	U	330	160
107-06-2	1,2-Dichloroethane	13	U	67	13
71-55-6	1,1,1-Trichloroethane	4.2	U	67	4.2
56-23-5	Carbon tetrachloride	3.8	U	67	3.8
71-43-2	Benzene	5.5	U	67	5.5
75-25-2	Bromoform	13	U	67	13
100-42-5	Styrene	7.9	U	67	7.9
100-41-4	Ethylbenzene	6.4	U	67	6.4
108-90-7	Chlorobenzene	7.4	U	67	7.4
110-82-7	Cyclohexane	11	U	67	11
98-82-8	Isopropylbenzene	5.1	U	67	5.1
591-78-6	2-Hexanone	33	U *	330	33
1634-04-4	MTBE	9.2	U	67	9.2
76-13-1	Freon TF	5.5	U	67	5.5
79-20-9	Methyl acetate	22	U	330	22
123-91-1	1,4-Dioxane	2400	U	3300	2400
79-01-6	Trichloroethene	43	J	67	6.1
108-88-3	Toluene	10	U	67	10
10061-02-6	trans-1,3-Dichloropropene	16	U	67	16
108-10-1	4-Methyl-2-pentanone	66	U	330	66
10061-01-5	cis-1,3-Dichloropropene	12	U	67	12
95-50-1	1,2-Dichlorobenzene	32	J	67	14
541-73-1	1,3-Dichlorobenzene	51	J	67	9.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-WI | Lab Sample ID: 460-72174-32

Matrix: Solid | Lab File ID: J09961.D

Analysis Method: 8260B | Date Collected: 03/06/2014 13:55

Sample wt/vol: 8.218(g) | Date Analyzed: 03/13/2014 20:21

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.0 | Level: (low/med) Medium

Analysis Batch No.: 212315 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	48	J	67	16
120-82-1	1,2,4-Trichlorobenzene	4700		67	23
87-61-6	1,2,3-Trichlorobenzene	1000		67	34
78-87-5	1,2-Dichloropropane	5.7	U	67	5.7
108-87-2	Methylcyclohexane	9.0	U	67	9.0
127-18-4	Tetrachloroethene	6.5	U	67	6.5
1330-20-7	Xylenes, Total	55	J	130	24
96-12-8	1,2-Dibromo-3-Chloropropane	27	U	67	27
79-34-5	1,1,2,2-Tetrachloroethane	11	U	67	11
79-00-5	1,1,2-Trichloroethane	13	U	67	13
124-48-1	Dibromochloromethane	13	U	67	13
106-93-4	1,2-Dibromoethane	18	U	67	18
75-71-8	Dichlorodifluoromethane	14	U	67	14
74-97-5	Bromochloromethane	18	U	67	18
75-27-4	Bromodichloromethane	8.4	U	67	8.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		75-135
2037-26-5	Toluene-d8 (Surr)	81		59-150
460-00-4	Bromofluorobenzene	79		72-133
1868-53-7	Dibromofluoromethane (Surr)	79		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-WI Lab Sample ID: 460-72174-32

Matrix: Solid Lab File ID: J09961.D

Analysis Method: 8260B Date Collected: 03/06/2014 13:55

Sample wt/vol: 8.218(g) Date Analyzed: 03/13/2014 20:21

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.0 Level: (low/med) Medium

Analysis Batch No.: 212315 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 52400

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1074-43-7	Benzene, 1-methyl-3-propyl-	11.12	3500	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.48	5500	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.94	9600	J N
97664-18-1	Benzene, 1-methyl-4-(1-methyl-2-propenyl	12.13	4300	J N
56253-64-6	Benzene, (2-methyl-1-butenyl)-	12.22	5900	J N
53172-84-2	Benzene, (1-methyl-1-butenyl)-	12.73	6300	J N
27087-54-3	Bicyclo[4.2.0]octa-1,3,5-triene, 7-isopr	12.86	3400	J N
54340-87-3	1H-Indene, 2,3-dihydro-1,4,7-trimethyl-	12.98	4900	J N
13065-07-1	Naphthalene, 1,2,3,4-tetrahydro-2,7-dime	13.10	5600	J N
2613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	13.17	3400	J N

Report Date: 14-Mar-2014 15:49:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09961.D
Lims ID: 460-72174-A-32-A Lab Sample ID: 460-72174-32
Client ID: PMP-7SW-WI
Sample Type: Client
Inject. Date: 13-Mar-2014 20:21:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-72174-A-32-A
Misc. Info.: 460-0010809-027
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 15:49:12 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: boykink Date: 14-Mar-2014 04:55:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	3.186	3.180	0.006	79	413036	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	4.725	4.731	-0.006	96	171806	39.6	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.084	5.084	0.0	90	253380	42.7	
* 59 Fluorobenzene	96	5.354	5.354	0.0	97	789527	50.0	
61 Trichloroethene	95	5.707	5.707	0.0	71	2450	0.6501	
* 150 1,4-Dioxane-d8	96	6.059	6.053	0.006	81	53988	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.029	7.029	0.0	98	659749	40.4	
* 87 Chlorobenzene-d5	117	8.815	8.821	-0.006	88	665395	50.0	
92 o-Xylene	106	9.561	9.561	0.0	73	5304	0.8290	
$ 99 4-Bromofluorobenzene	174	10.084	10.084	0.0	90	226057	39.6	
115 1,3-Dichlorobenzene	146	10.912	10.906	0.006	25	6436	0.7625	
* 116 1,4-Dichlorobenzene-d4	152	10.959	10.959	0.0	87	401351	50.0	
117 1,4-Dichlorobenzene	146	10.977	10.977	0.0	20	6386	0.7246	
121 1,2-Dichlorobenzene	146	11.224	11.224	0.0	42	4080	0.4738	
124 1,2,4-Trichlorobenzene	180	12.193	12.193	0.0	93	381160	69.7	
128 1,2,3-Trichlorobenzene	180	12.528	12.528	0.0	68	77009	15.4	
S 131 Xylenes, Total	100				0		0.8290	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09961.D				
Lims ID:	460-72174-A-32-A	Lab Sample ID:	460-72174-32		
Client ID:	PMP-7SW-WI				
Sample Type:	Client				
Inject. Date:	13-Mar-2014 20:21:30	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Sample Info:	460-72174-A-32-A				
Misc. Info.:	460-0010809-027				
Operator ID:		Instrument ID:	CVOAMS8		
Method:	\\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\8260_W8.m				
Limit Group:	VOA - 8260B Water and Solid				
Last Update:	14-Mar-2014 15:49:12	Calib Date:	09-Mar-2014 13:34:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L				
Min. Match:	20				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK009				
First Level Reviewer: boykink		Date:	14-Mar-2014 04:55:06		

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
1074-43-7 Benzene, 1-methyl-3-propyl-								
11.118	2568736	52.1	116	81	14345	C10H14	134	
1595-16-0 Benzene, 1-methyl-4-(1-methylpropyl)-								
11.476	4081725	82.7	116	72	21844	C11H16	148	
1595-16-0 Benzene, 1-methyl-4-(1-methylpropyl)-								
11.935	7104227	144.0	116	78	21844	C11H16	148	
97664-18-1 Benzene, 1-methyl-4-(1-methyl-2-propenyl								
12.134	3168100	64.2	116	91	20775	C11H14	146	
56253-64-6 Benzene, (2-methyl-1-butenyl)-								
12.222	4371644	88.6	116	76	20721	C11H14	146	
53172-84-2 Benzene, (1-methyl-1-butenyl)-								
12.728	4652159	94.3	116	90	20719	C11H14	146	
27087-54-3 Bicyclo[4.2.0]octa-1,3,5-triene, 7-isopr								
12.863	2502720	50.7	116	72	20779	C11H14	146	
54340-87-3 1H-Indene, 2,3-dihydro-1,4,7-trimethyl-								
12.980	3603524	73.1	116	80	29417	C12H16	160	
13065-07-1 Naphthalene, 1,2,3,4-tetrahydro-2,7-dime								
13.104	4131191	83.8	116	93	29448	C12H16	160	
2613-76-5 1H-Indene, 2,3-dihydro-1,1,3-trimethyl-								
13.168	2512236	50.9	116	91	29422	C12H16	160	

Report Date: 14-Mar-2014 15:49:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09961.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.959	2466350	50.0

QC Flag Legend

Processing Flags

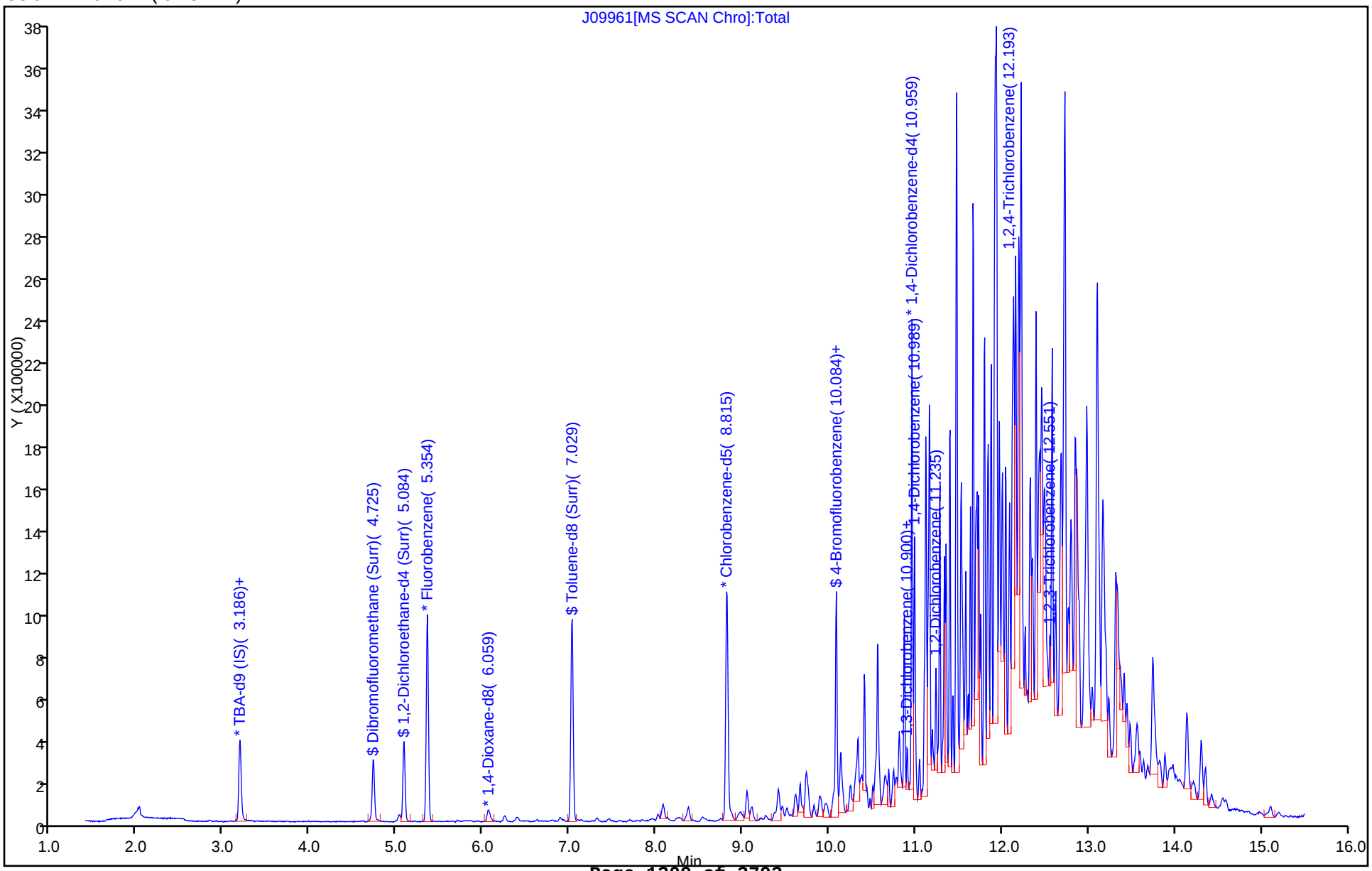
Report Date: 14-Mar-2014 15:49:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09961.D

Injection Date:	13-Mar-2014 20:21:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-72174-A-32-A	Lab Sample ID:	460-72174-32	Worklist Smp#:	27
Client ID:	PMP-7SW-WI				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	26
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



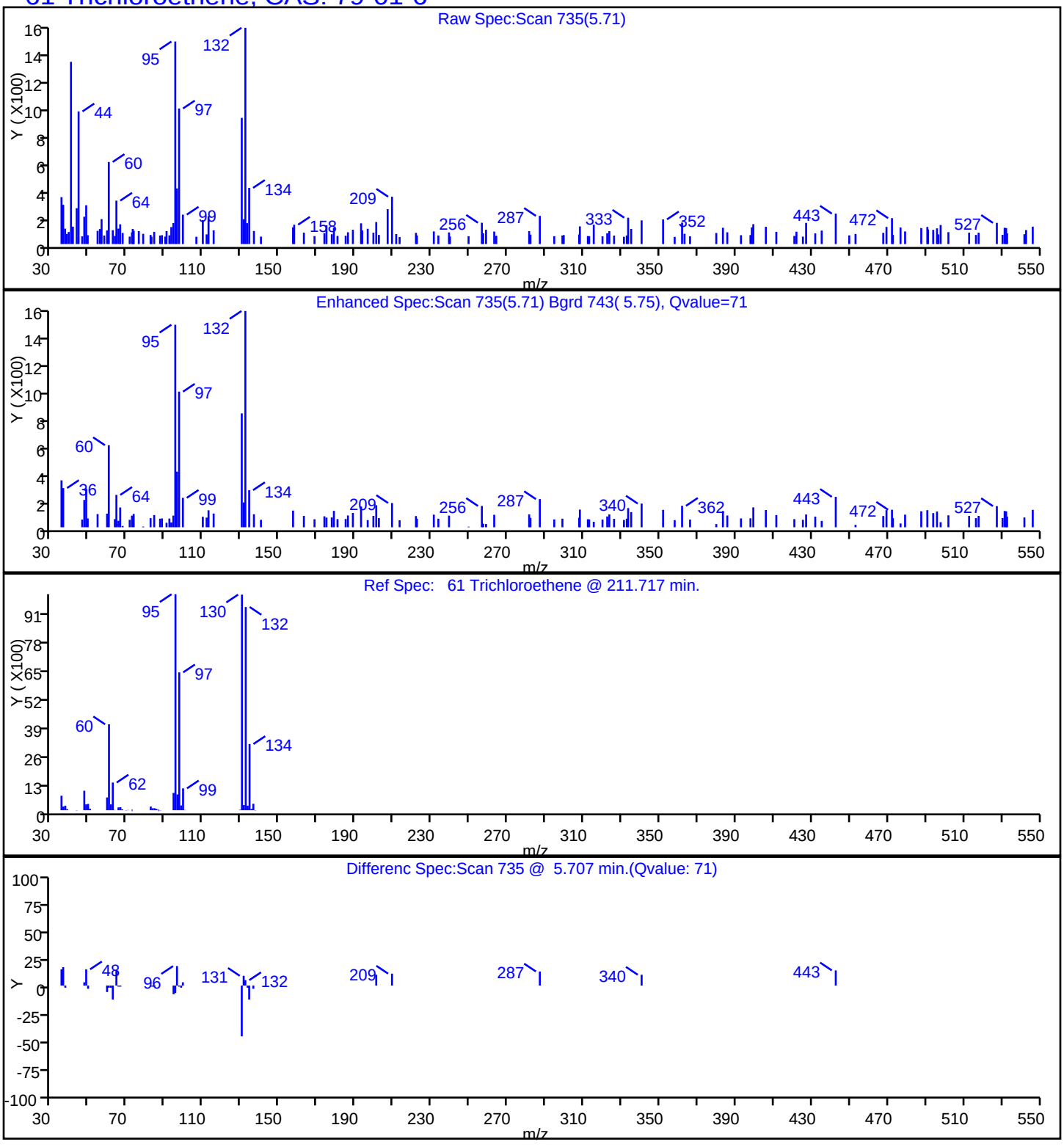
Report Date: 14-Mar-2014 15:49:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09961.D

Injection Date:	13-Mar-2014 20:21:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-32-A	Lab Sample ID:	460-72174-32		
Client ID:	PMP-7SW-WI				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

61 Trichloroethene, CAS: 79-01-6



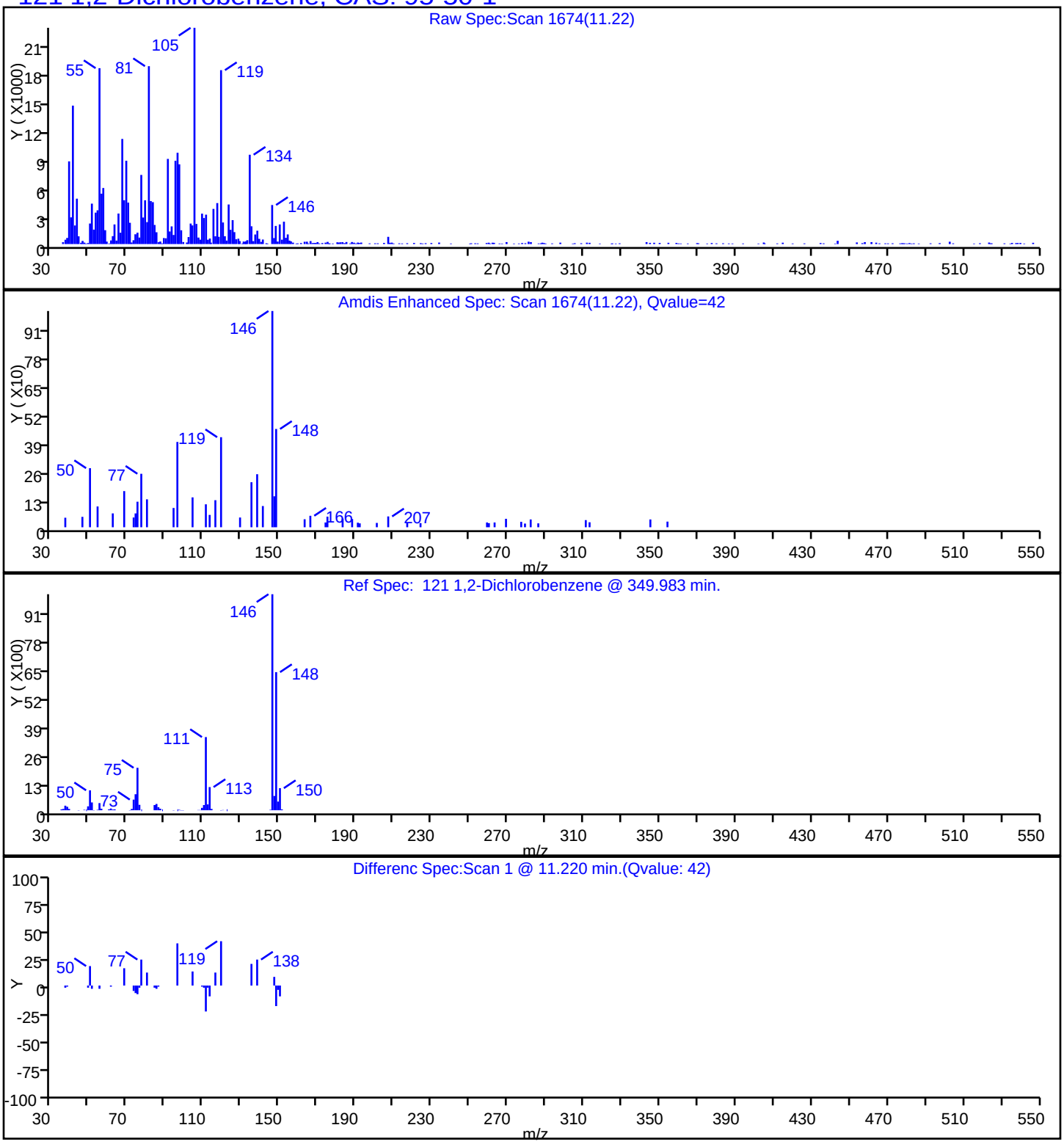
Report Date: 14-Mar-2014 15:49:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09961.D

Injection Date:	13-Mar-2014 20:21:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-32-A	Lab Sample ID:	460-72174-32		
Client ID:	PMP-7SW-WI				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

121 1,2-Dichlorobenzene, CAS: 95-50-1



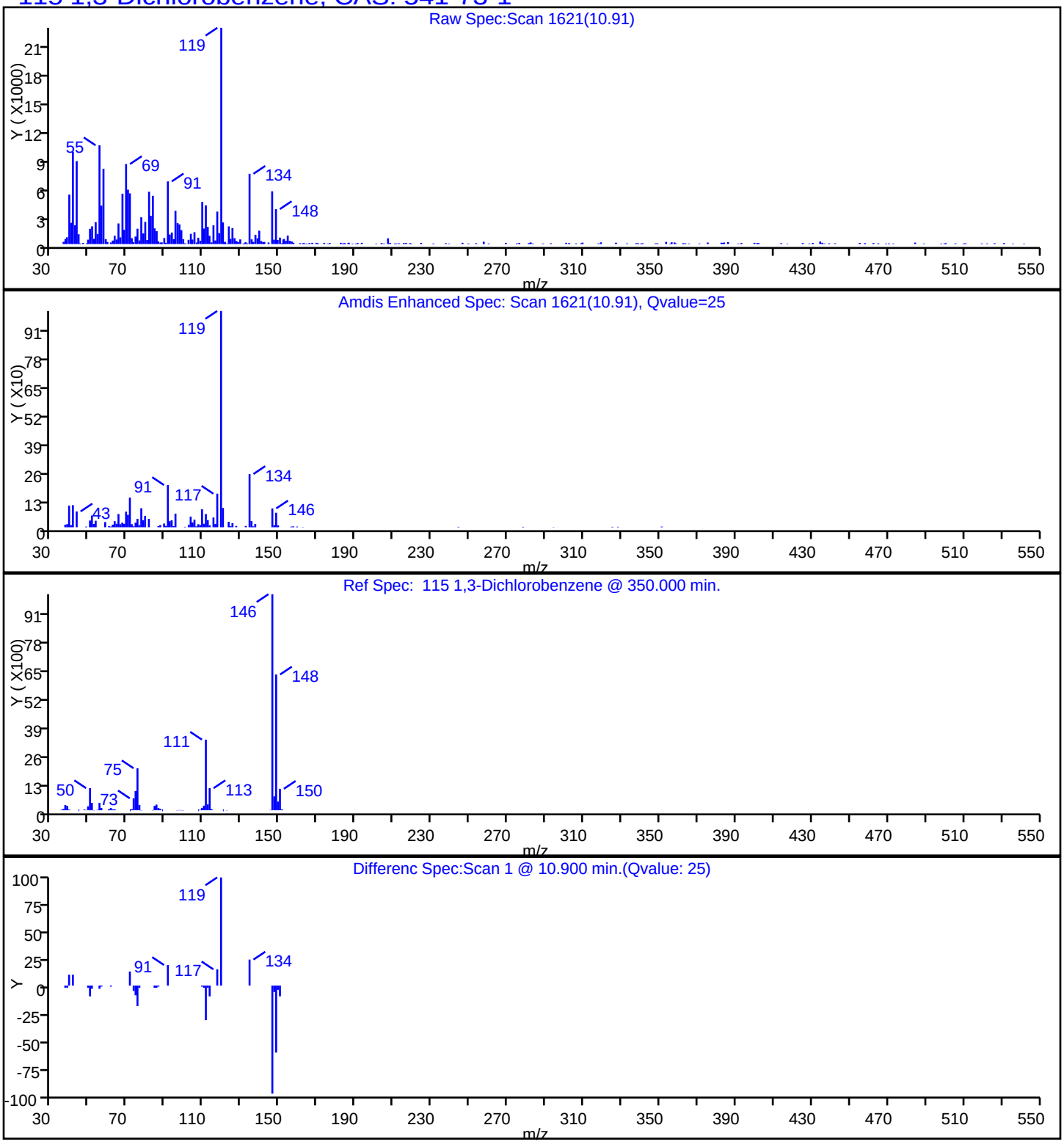
Report Date: 14-Mar-2014 15:49:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09961.D

Injection Date:	13-Mar-2014 20:21:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-32-A	Lab Sample ID:	460-72174-32		
Client ID:	PMP-7SW-WI				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

115 1,3-Dichlorobenzene, CAS: 541-73-1



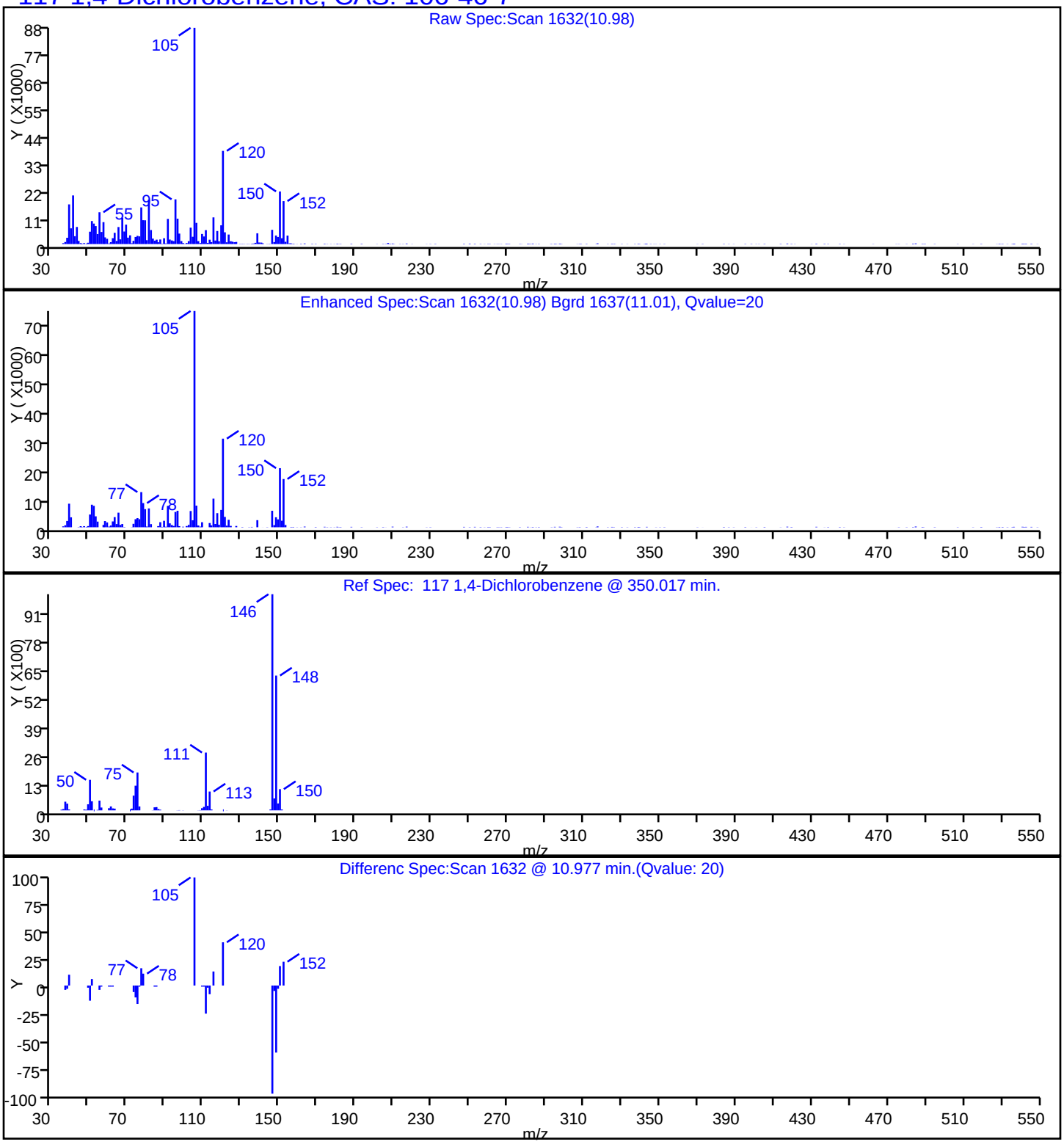
Report Date: 14-Mar-2014 15:49:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09961.D

Injection Date:	13-Mar-2014 20:21:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-32-A	Lab Sample ID:	460-72174-32		
Client ID:	PMP-7SW-WI				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

117 1,4-Dichlorobenzene, CAS: 106-46-7



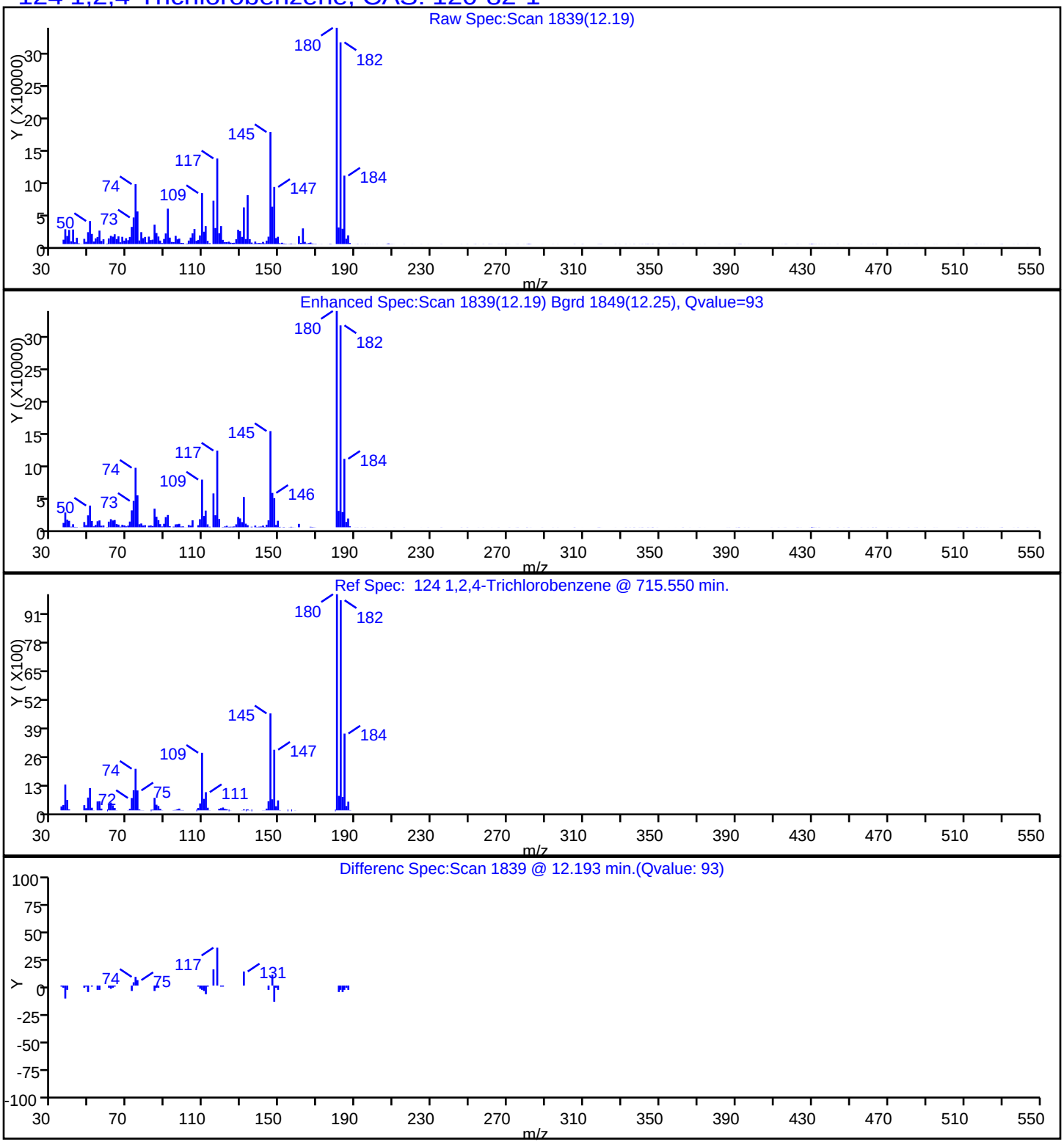
Report Date: 14-Mar-2014 15:49:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09961.D

Injection Date:	13-Mar-2014 20:21:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-32-A	Lab Sample ID:	460-72174-32		
Client ID:	PMP-7SW-WI				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



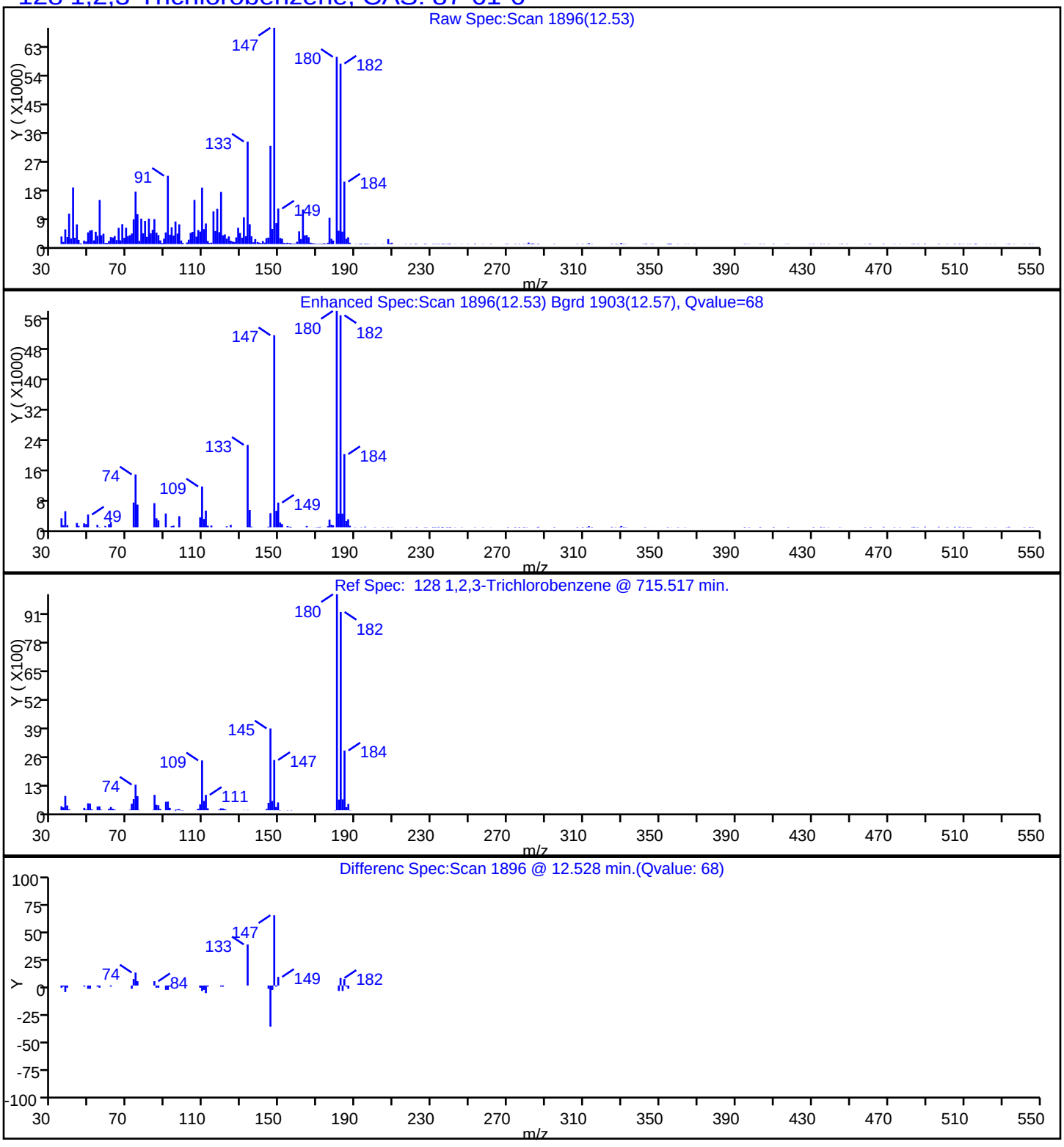
Report Date: 14-Mar-2014 15:49:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09961.D

Injection Date:	13-Mar-2014 20:21:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-32-A	Lab Sample ID:	460-72174-32		
Client ID:	PMP-7SW-WI				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



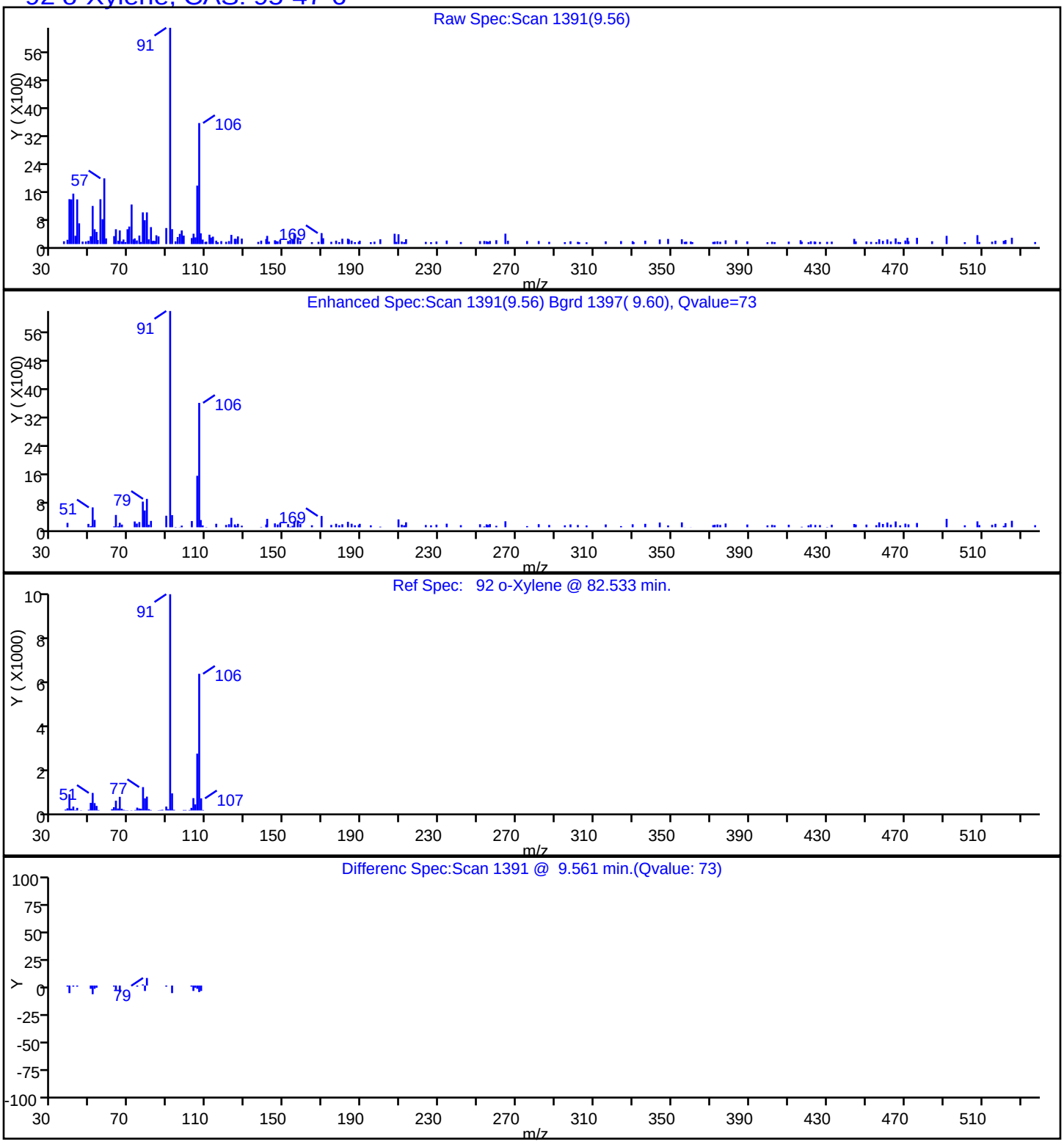
Report Date: 14-Mar-2014 15:49:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09961.D

Injection Date:	13-Mar-2014 20:21:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-32-A	Lab Sample ID:	460-72174-32		
Client ID:	PMP-7SW-WI				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

92 o-Xylene, CAS: 95-47-6



Report Date: 14-Mar-2014 15:49:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09961.D

Injection Date: 13-Mar-2014 20:21:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-32-A Lab Sample ID: 460-72174-32

Client ID: PMP-7SW-WI

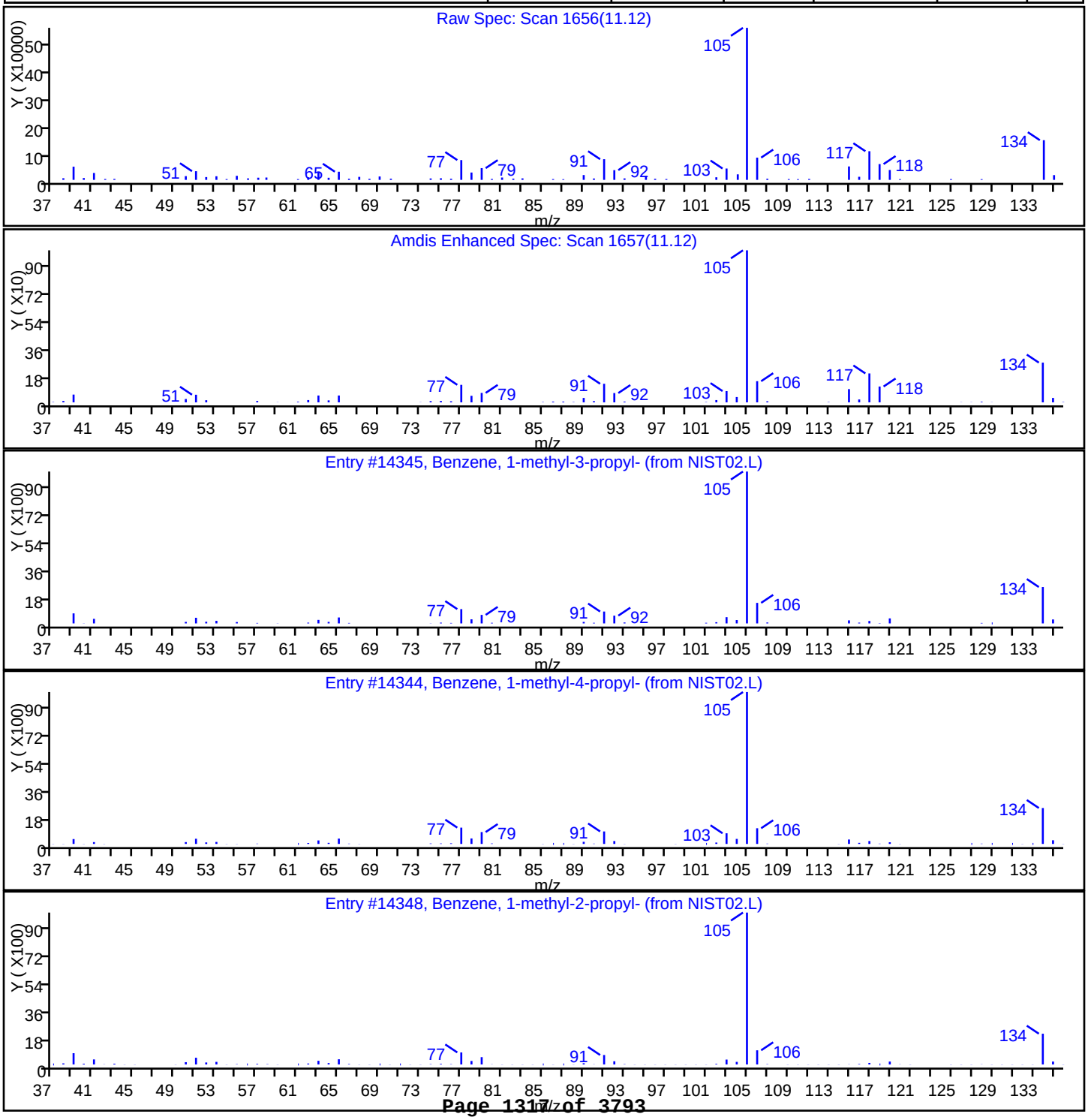
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-3-propyl-	1074-43-7	NIST02.L	14345	C10H14	134	81
Benzene, 1-methyl-4-propyl-	1074-55-1	NIST02.L	14344	C10H14	134	81
Benzene, 1-methyl-2-propyl-	1074-17-5	NIST02.L	14348	C10H14	134	76



Report Date: 14-Mar-2014 15:49:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09961.D

Injection Date: 13-Mar-2014 20:21:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-32-A Lab Sample ID: 460-72174-32

Client ID: PMP-7SW-WI

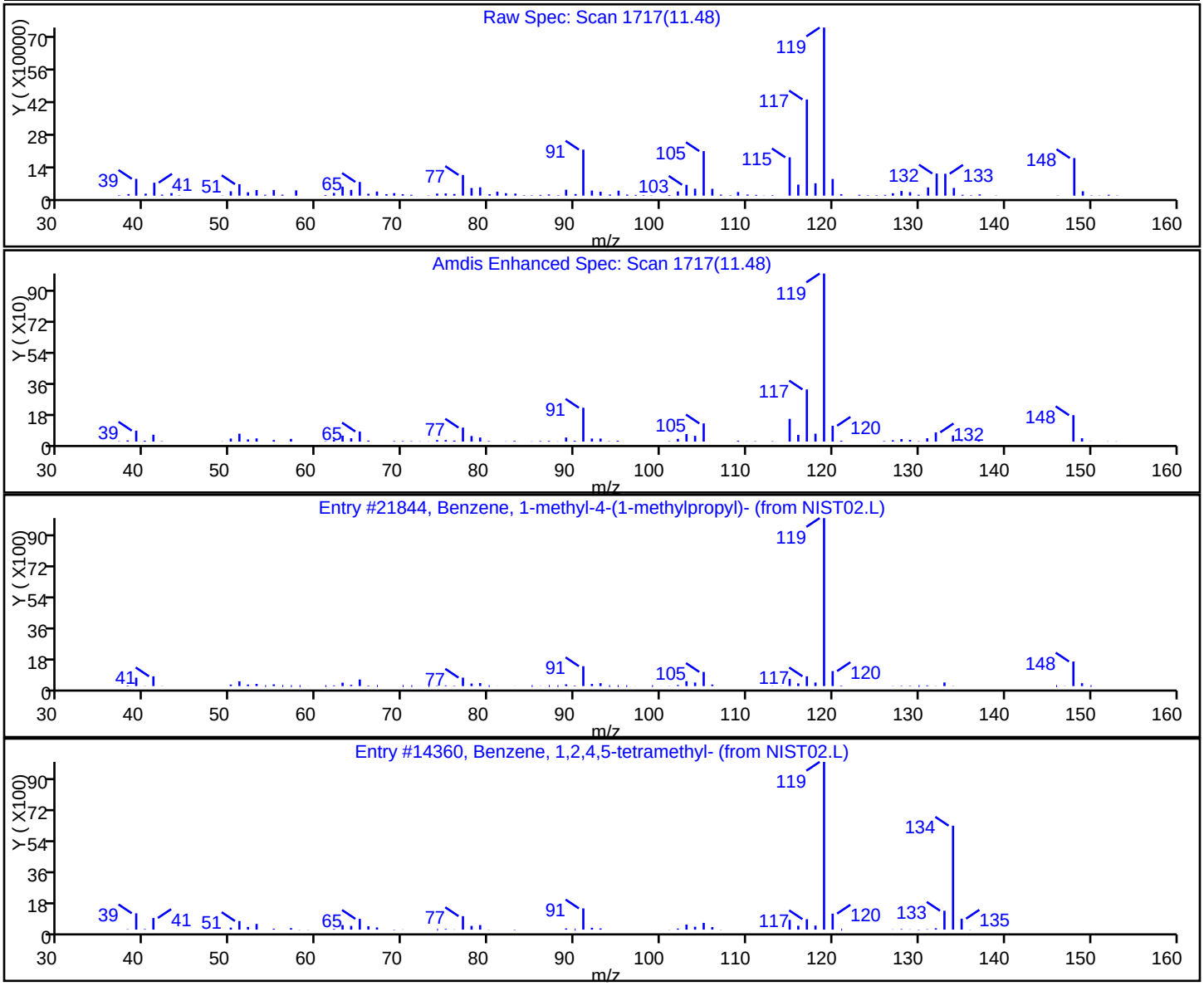
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	C11H16	148	72
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14360	C10H14	134	72



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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09961.D

Injection Date: 13-Mar-2014 20:21:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-32-A Lab Sample ID: 460-72174-32

Client ID: PMP-7SW-WI

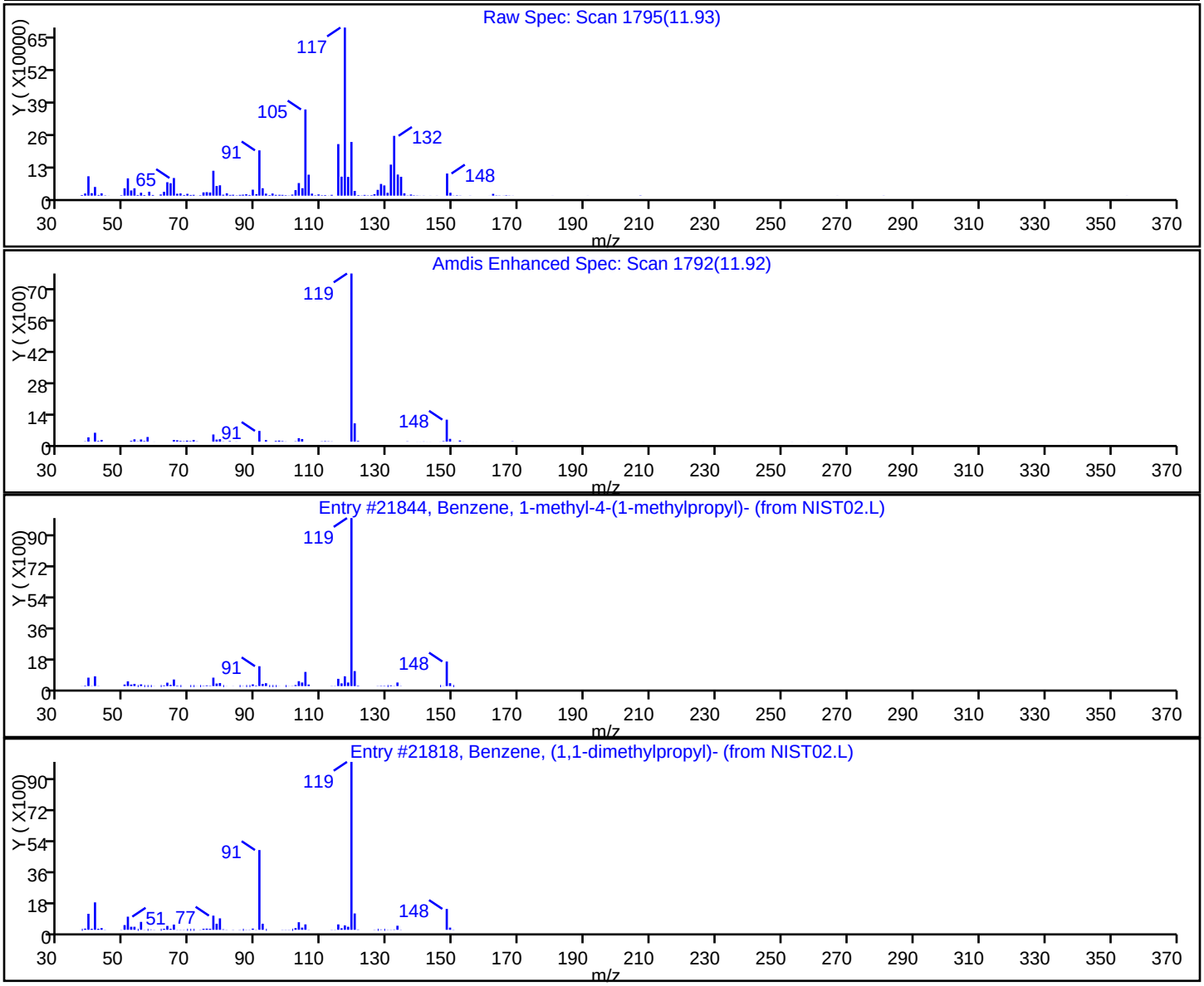
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	C11H16	148	78
Benzene, (1,1-dimethylpropyl)-	2049-95-8	NIST02.L	21818	C11H16	148	72



Report Date: 14-Mar-2014 15:49:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09961.D

Injection Date: 13-Mar-2014 20:21:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-32-A Lab Sample ID: 460-72174-32

Client ID: PMP-7SW-WI

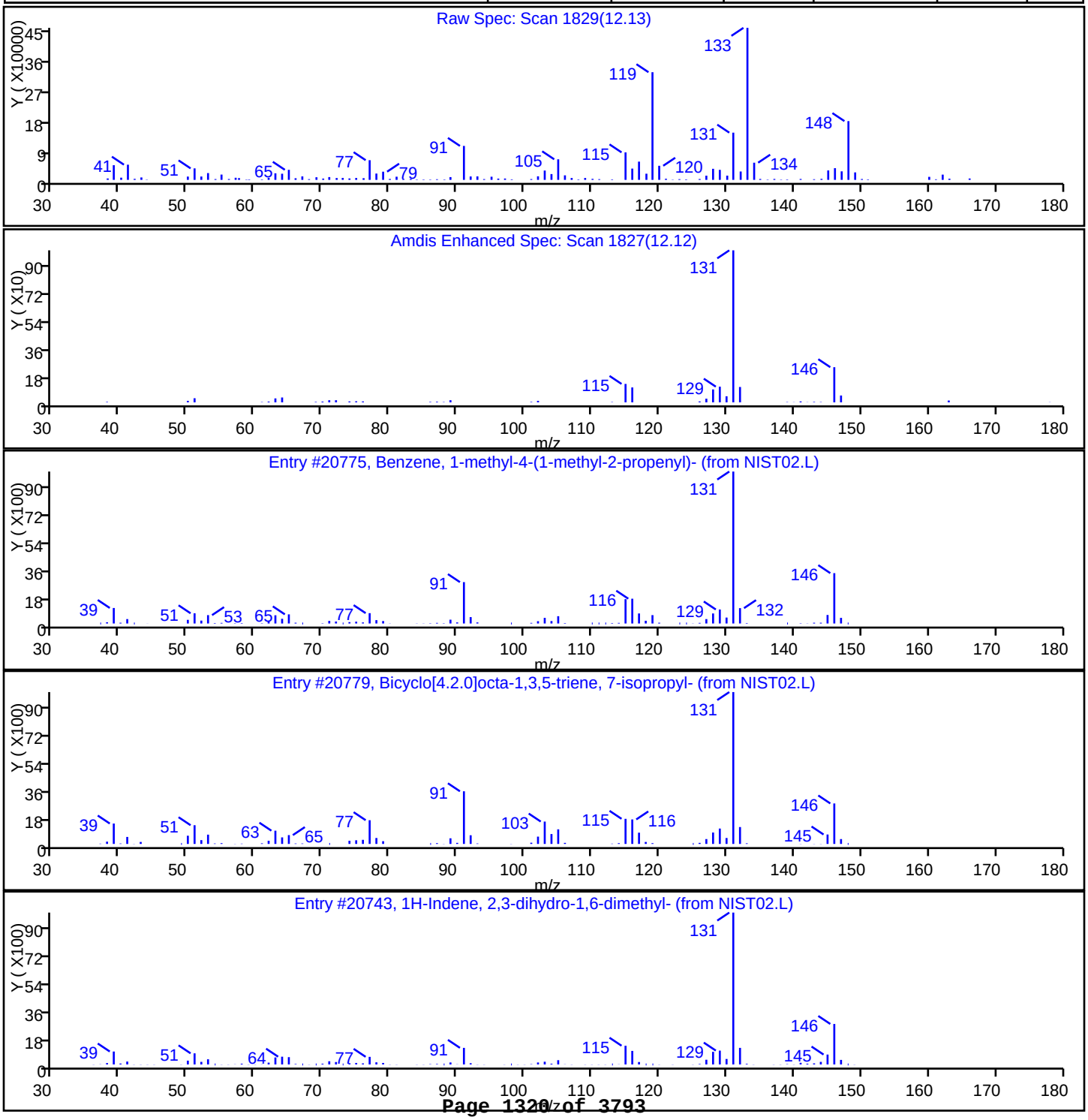
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-4-(1-methyl-2-propenyl	97664-18-1	NIST02.L	20775	C11H14	146	91
Bicyclo[4.2.0]octa-1,3,5-triene, 7-isopr	27087-54-3	NIST02.L	20779	C11H14	146	91
1H-Indene, 2,3-dihydro-1,6-dimethyl-	17059-48-2	NIST02.L	20743	C11H14	146	91



Report Date: 14-Mar-2014 15:49:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09961.D

Injection Date: 13-Mar-2014 20:21:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-32-A Lab Sample ID: 460-72174-32

Client ID: PMP-7SW-WI

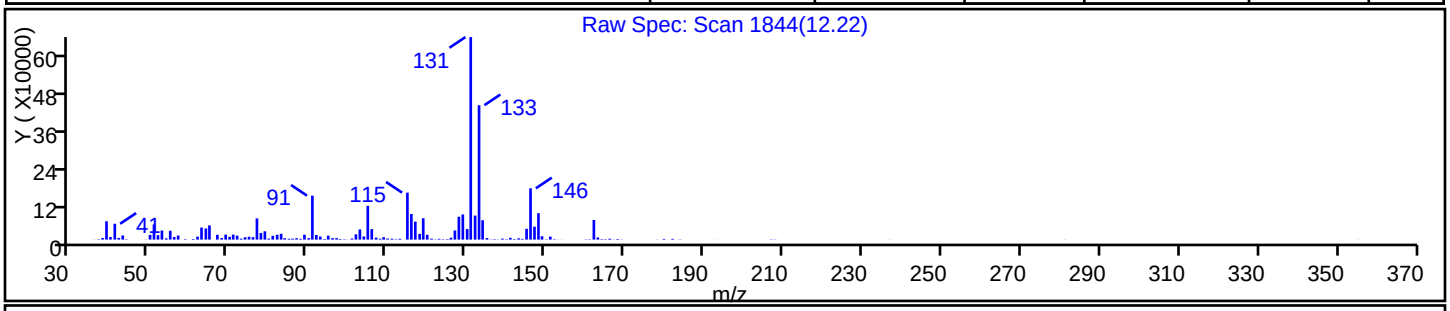
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

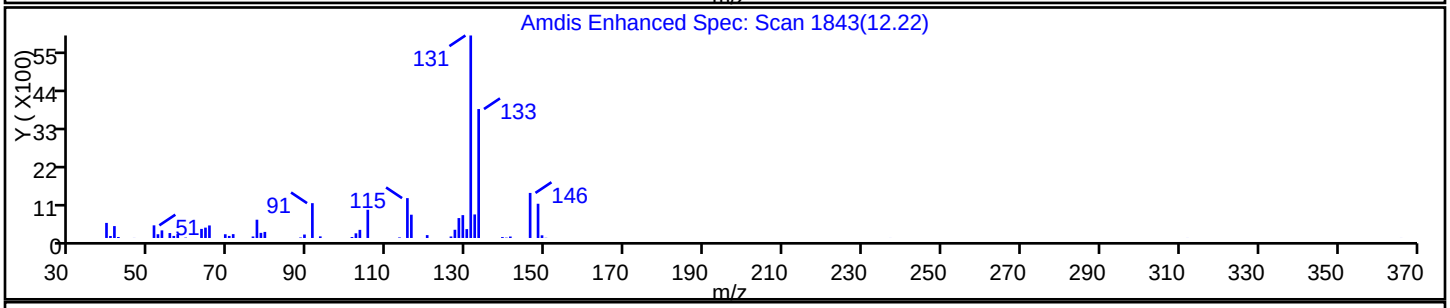
Purge Vol: 5.000 mL Dil. Factor: 50.0000

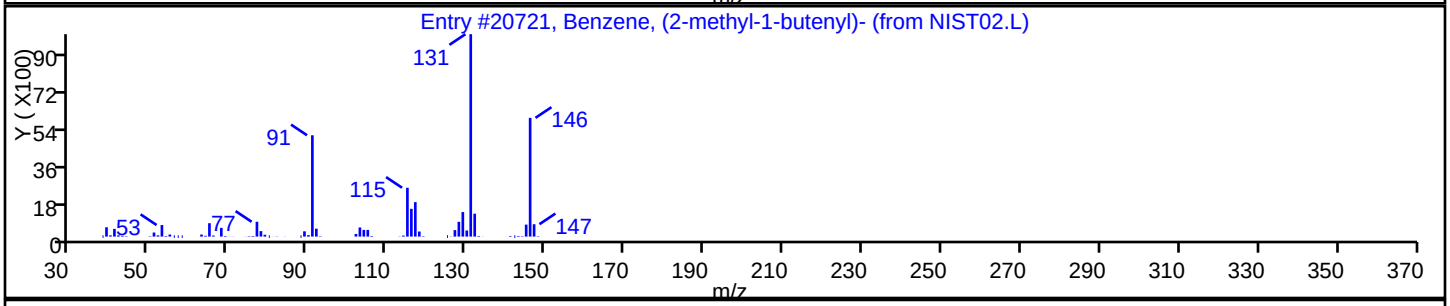
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

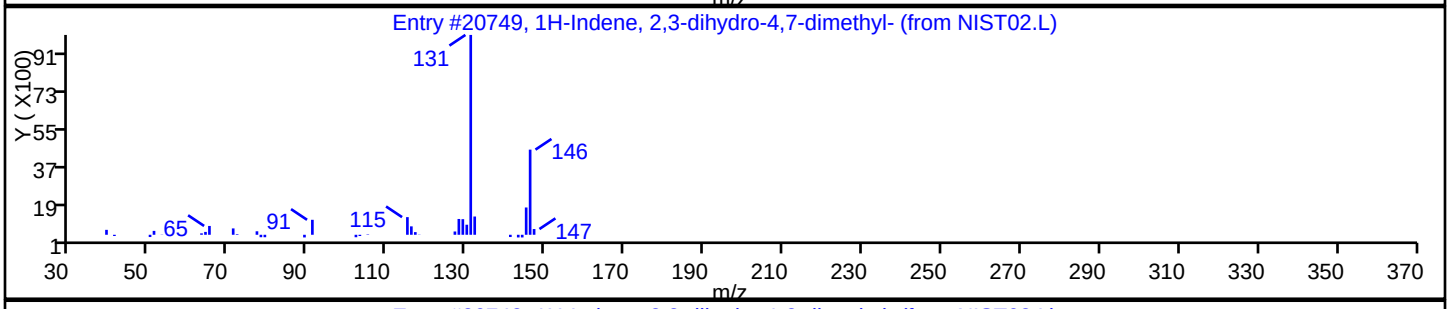
Column: Detector MS SCAN

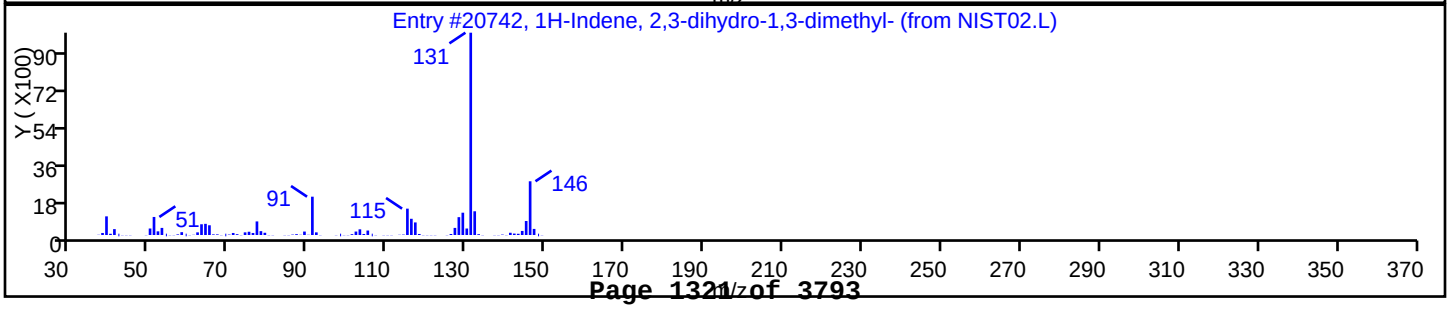
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, (2-methyl-1-butenyl)-	56253-64-6	NIST02.L	20721	C11H14	146	76
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20749	C11H14	146	76
1H-Indene, 2,3-dihydro-1,3-dimethyl-	4175-53-5	NIST02.L	20742	C11H14	146	76











Report Date: 14-Mar-2014 15:49:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09961.D

Injection Date: 13-Mar-2014 20:21:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-32-A Lab Sample ID: 460-72174-32

Client ID: PMP-7SW-WI

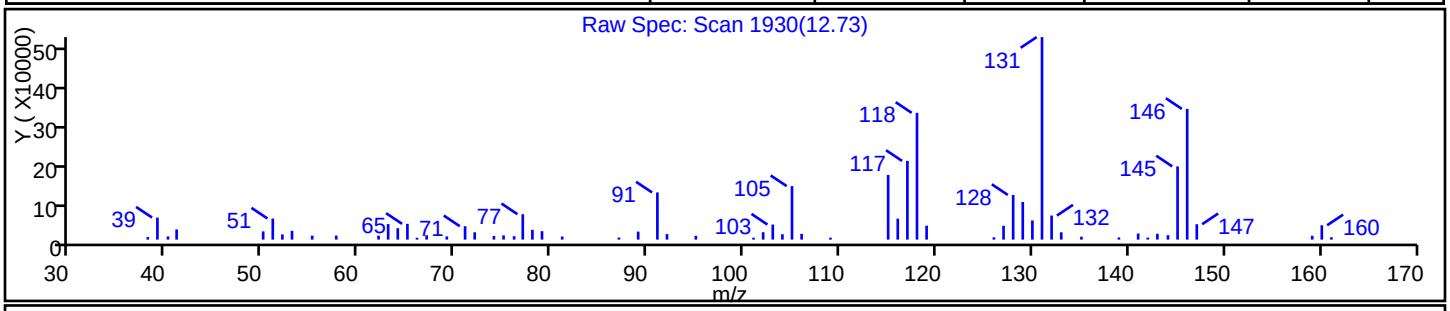
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

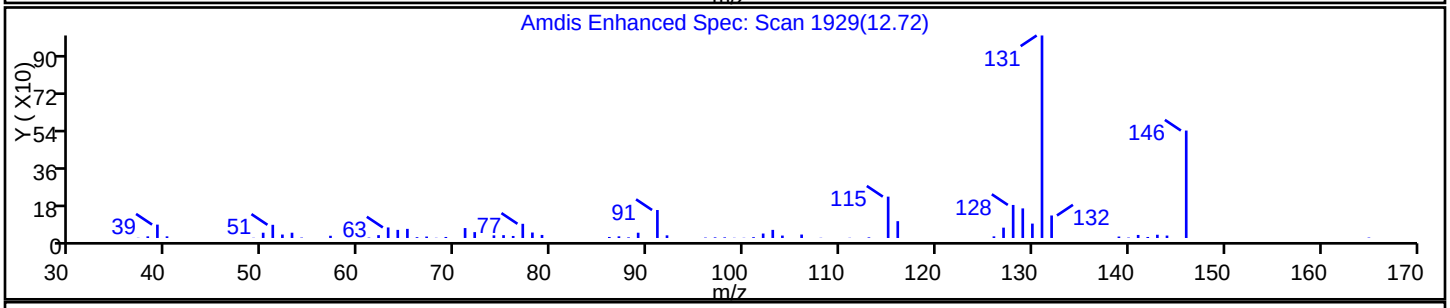
Purge Vol: 5.000 mL Dil. Factor: 50.0000

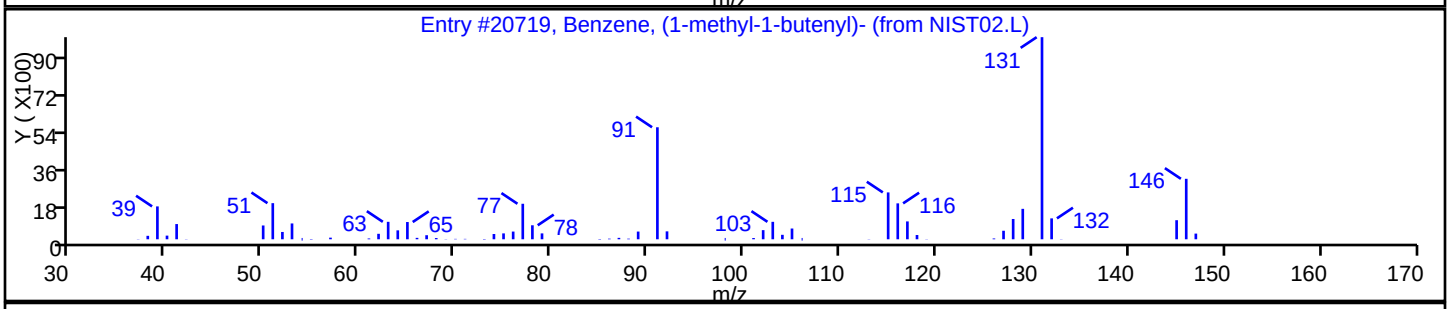
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

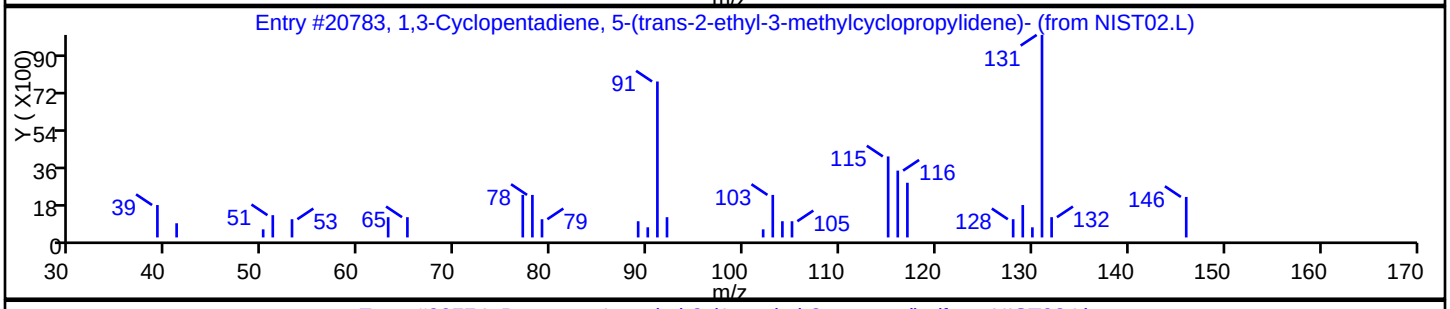
Column: Detector MS SCAN

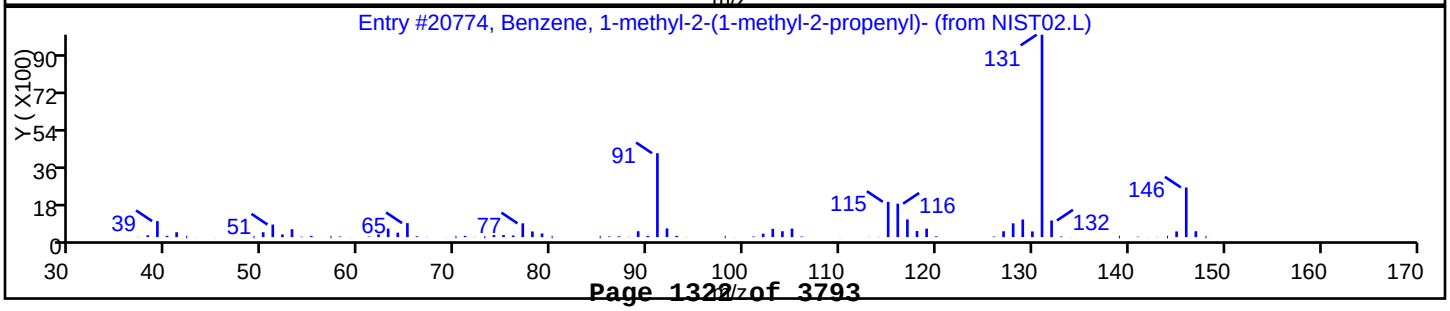
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, (1-methyl-1-butenyl)-	53172-84-2	NIST02.L	20719	C11H14	146	90
1,3-Cyclopentadiene, 5-(trans-2-ethyl-3-	79209-36-2	NIST02.L	20783	C11H14	146	86
Benzene, 1-methyl-2-(1-methyl-2-propenyl	97664-19-2	NIST02.L	20774	C11H14	146	80











Report Date: 14-Mar-2014 15:49:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09961.D

Injection Date: 13-Mar-2014 20:21:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-32-A Lab Sample ID: 460-72174-32

Client ID: PMP-7SW-WI

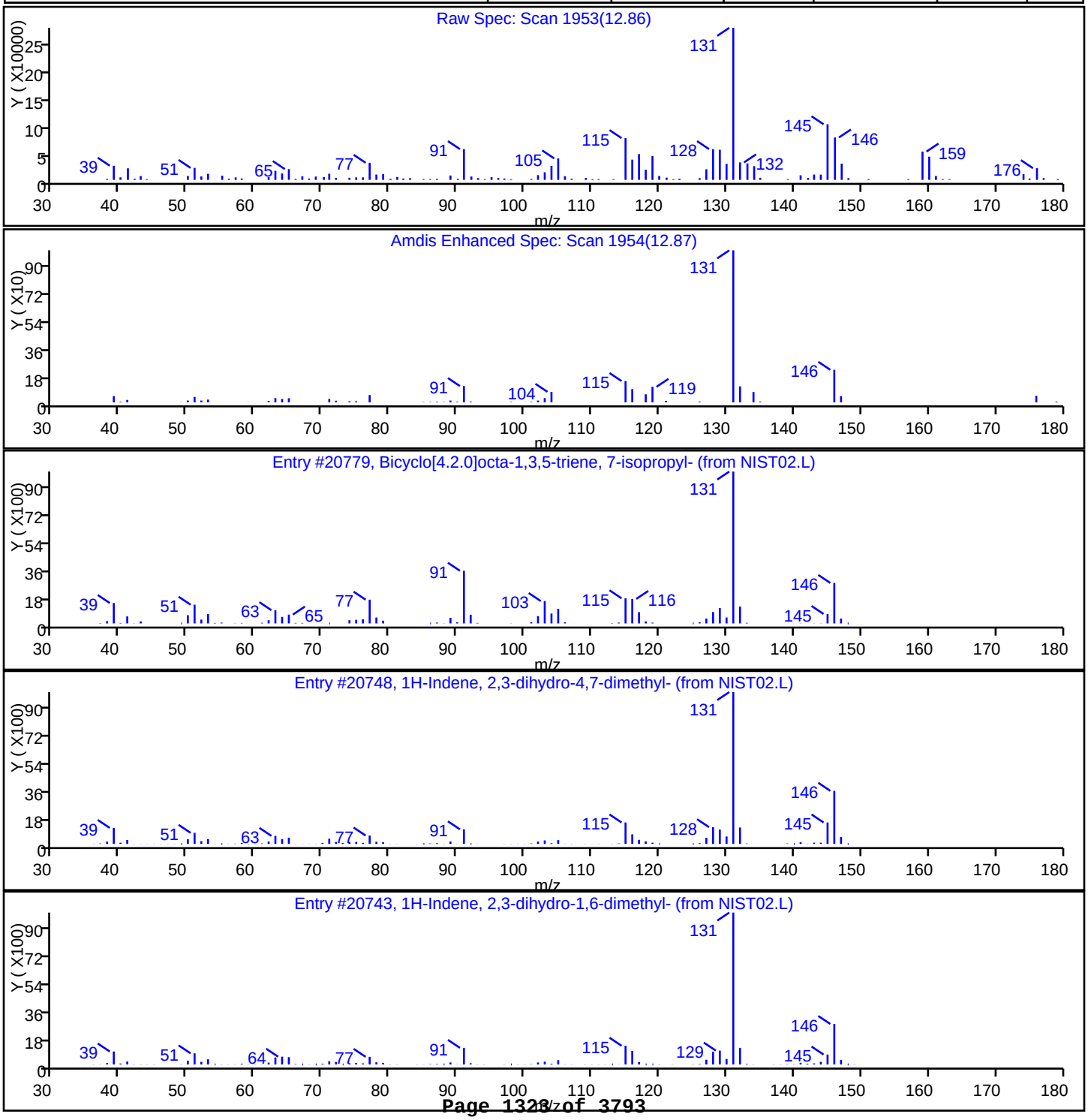
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Bicyclo[4.2.0]octa-1,3,5-triene, 7-isopr	27087-54-3	NIST02.L	20779	C11H14	146	72
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20748	C11H14	146	72
1H-Indene, 2,3-dihydro-1,6-dimethyl-	17059-48-2	NIST02.L	20743	C11H14	146	72



Report Date: 14-Mar-2014 15:49:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09961.D

Injection Date: 13-Mar-2014 20:21:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-32-A Lab Sample ID: 460-72174-32

Client ID: PMP-7SW-WI

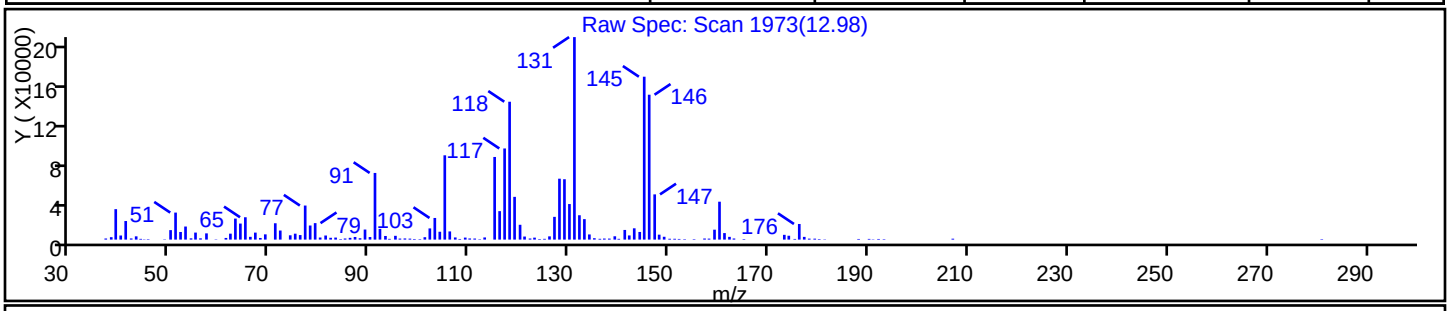
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

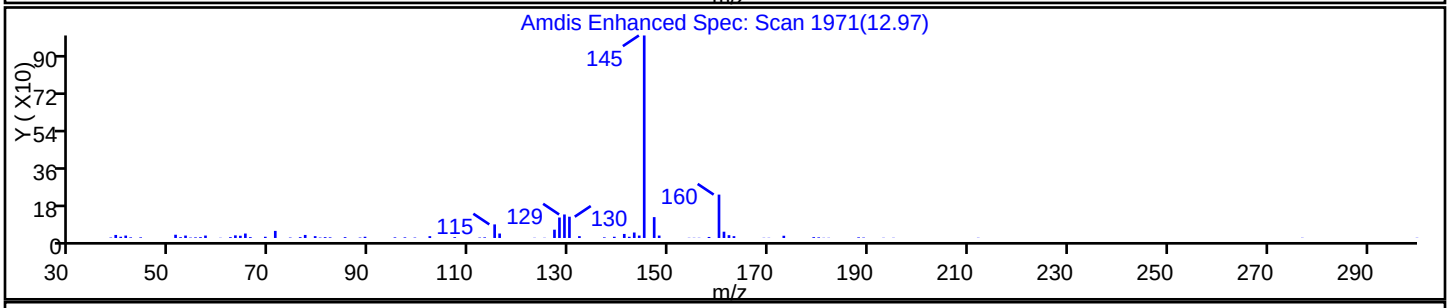
Purge Vol: 5.000 mL Dil. Factor: 50.0000

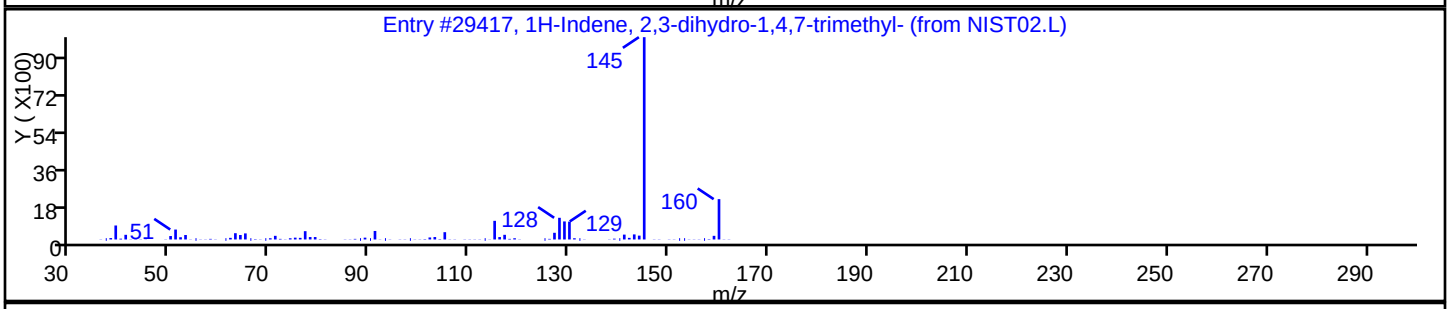
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

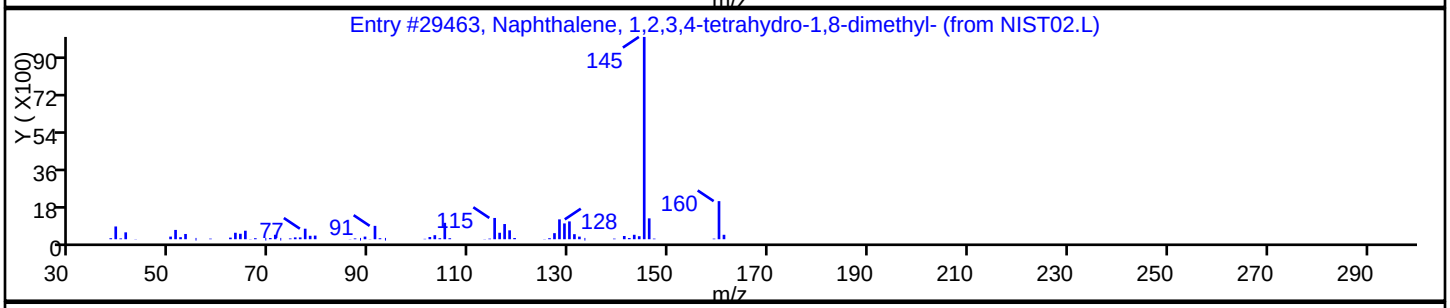
Column: Detector MS SCAN

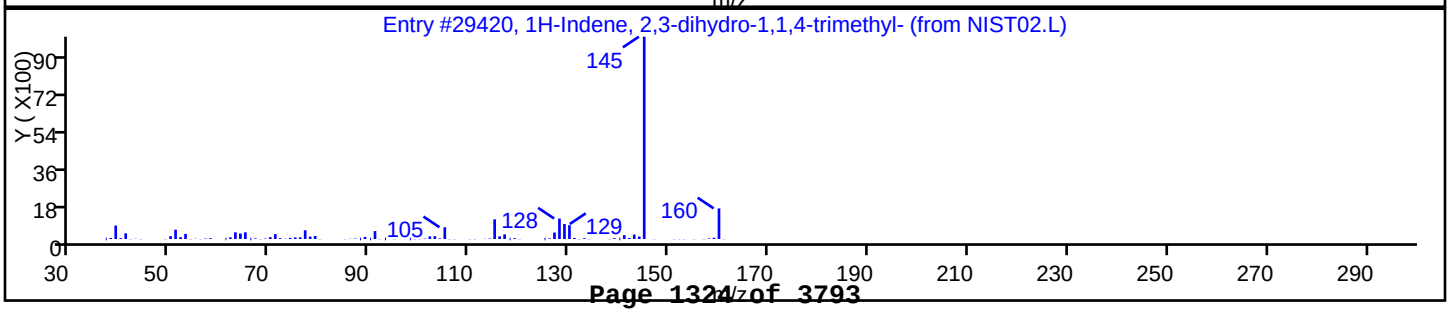
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Indene, 2,3-dihydro-1,4,7-trimethyl-	54340-87-3	NIST02.L	29417	C12H16	160	80
Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	25419-33-4	NIST02.L	29463	C12H16	160	80
1H-Indene, 2,3-dihydro-1,1,4-trimethyl-	16204-72-1	NIST02.L	29420	C12H16	160	80











Report Date: 14-Mar-2014 15:49:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09961.D

Injection Date: 13-Mar-2014 20:21:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-32-A Lab Sample ID: 460-72174-32

Client ID: PMP-7SW-WI

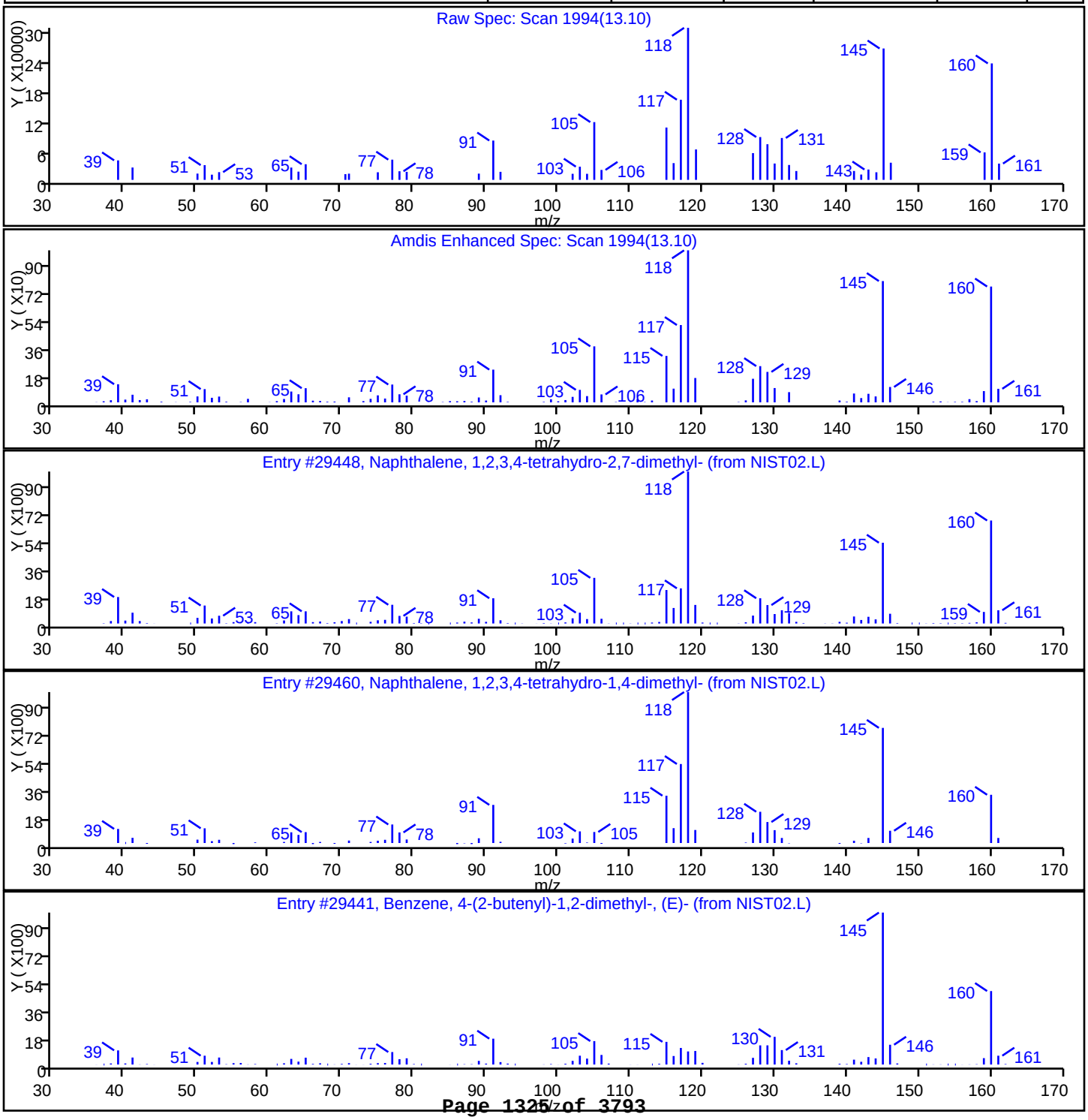
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-2,7-dime	13065-07-1	NIST02.L	29448	C12H16	160	93
Naphthalene, 1,2,3,4-tetrahydro-1,4-dime	4175-54-6	NIST02.L	29460	C12H16	160	93
Benzene, 4-(2-butenyl)-1,2-dimethyl-, (E	54340-86-2	NIST02.L	29441	C12H16	160	89



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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09961.D

Injection Date: 13-Mar-2014 20:21:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-32-A Lab Sample ID: 460-72174-32

Client ID: PMP-7SW-WI

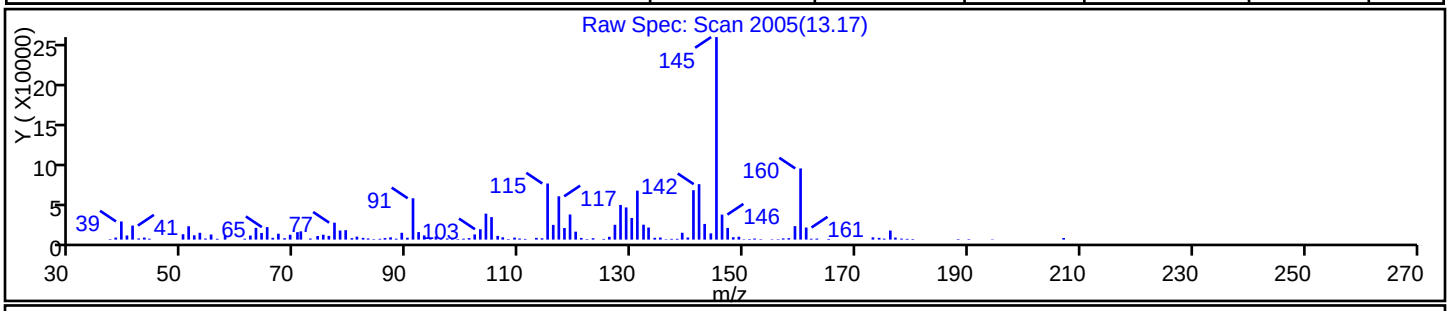
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

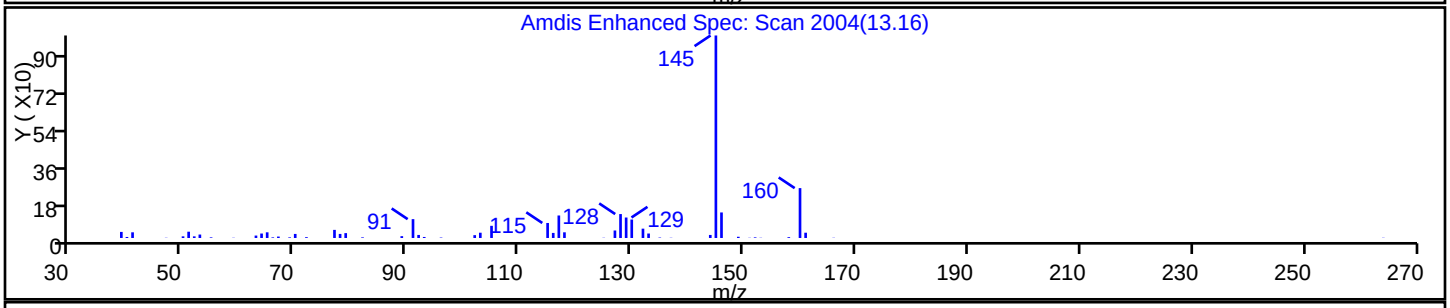
Purge Vol: 5.000 mL Dil. Factor: 50.0000

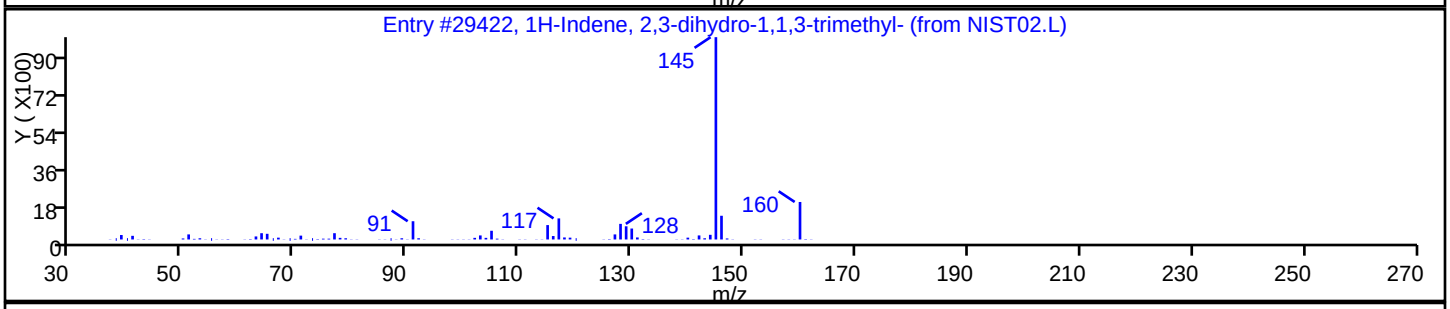
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

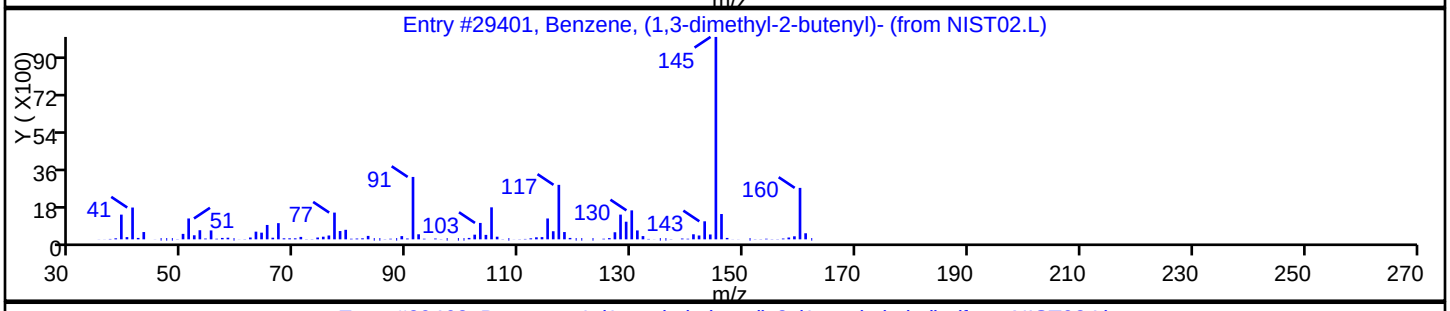
Column: Detector MS SCAN

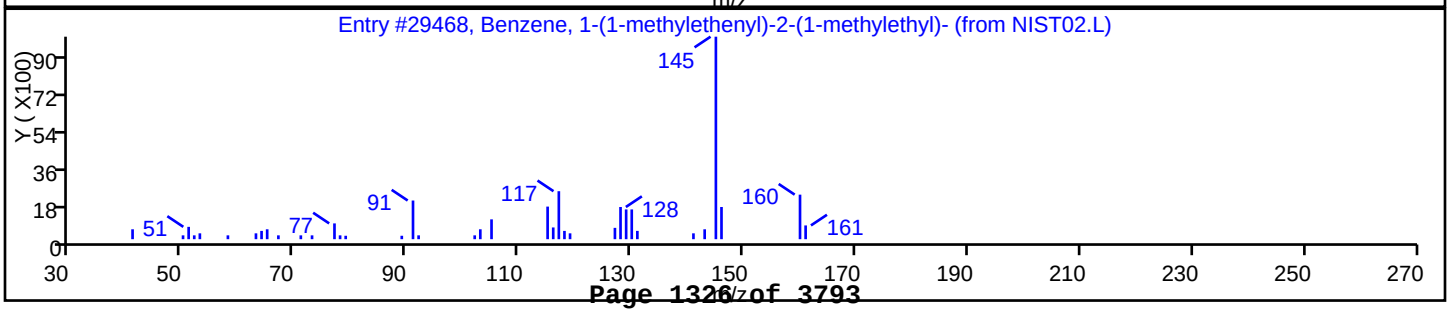
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	2613-76-5	NIST02.L	29422	C12H16	160	91
Benzene, (1,3-dimethyl-2-butenyl)-	50704-01-3	NIST02.L	29401	C12H16	160	90
Benzene, 1-(1-methylethenyl)-2-(1-methyl	5557-93-7	NIST02.L	29468	C12H16	160	90











FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-SI Lab Sample ID: 460-72174-33

Matrix: Solid Lab File ID: J09956.D

Analysis Method: 8260B Date Collected: 03/06/2014 14:00

Sample wt/vol: 6.101(g) Date Analyzed: 03/13/2014 18:17

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.6 Level: (low/med) Medium

Analysis Batch No.: 212315 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	9.2	U	95	9.2
74-83-9	Bromomethane	17	U	95	17
75-01-4	Vinyl chloride	14	U	95	14
75-00-3	Chloroethane	16	U	95	16
75-09-2	Methylene Chloride	17	U	95	17
67-64-1	Acetone	250	U	470	250
75-15-0	Carbon disulfide	12	U	95	12
75-69-4	Trichlorofluoromethane	14	U	95	14
75-35-4	1,1-Dichloroethene	8.4	U	95	8.4
75-34-3	1,1-Dichloroethane	12	U	95	12
156-60-5	trans-1,2-Dichloroethene	12	U	95	12
156-59-2	cis-1,2-Dichloroethene	17	U	95	17
67-66-3	Chloroform	7.5	U	95	7.5
78-93-3	2-Butanone	220	U	470	220
107-06-2	1,2-Dichloroethane	18	U	95	18
71-55-6	1,1,1-Trichloroethane	5.9	U	95	5.9
56-23-5	Carbon tetrachloride	5.4	U	95	5.4
71-43-2	Benzene	7.8	U	95	7.8
75-25-2	Bromoform	18	U	95	18
100-42-5	Styrene	11	U	95	11
100-41-4	Ethylbenzene	130		95	9.1
108-90-7	Chlorobenzene	10	U	95	10
110-82-7	Cyclohexane	15	U	95	15
98-82-8	Isopropylbenzene	530		95	7.3
591-78-6	2-Hexanone	47	U *	470	47
1634-04-4	MTBE	13	U	95	13
76-13-1	Freon TF	7.8	U	95	7.8
79-20-9	Methyl acetate	32	U	470	32
123-91-1	1,4-Dioxane	3400	U	4700	3400
79-01-6	Trichloroethene	8.7	U	95	8.7
108-88-3	Toluene	14	U	95	14
10061-02-6	trans-1,3-Dichloropropene	23	U	95	23
108-10-1	4-Methyl-2-pentanone	94	U	470	94
10061-01-5	cis-1,3-Dichloropropene	17	U	95	17
95-50-1	1,2-Dichlorobenzene	19	U	95	19
541-73-1	1,3-Dichlorobenzene	13	U	95	13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-SI | Lab Sample ID: 460-72174-33

Matrix: Solid | Lab File ID: J09956.D

Analysis Method: 8260B | Date Collected: 03/06/2014 14:00

Sample wt/vol: 6.101(g) | Date Analyzed: 03/13/2014 18:17

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.6 | Level: (low/med) Medium

Analysis Batch No.: 212315 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	22	U	95	22
120-82-1	1,2,4-Trichlorobenzene	7400		95	32
87-61-6	1,2,3-Trichlorobenzene	1600		95	49
78-87-5	1,2-Dichloropropane	8.2	U	95	8.2
108-87-2	Methylcyclohexane	1000		95	13
127-18-4	Tetrachloroethene	36	J	95	9.2
1330-20-7	Xylenes, Total	870		190	34
96-12-8	1,2-Dibromo-3-Chloropropane	38	U	95	38
79-34-5	1,1,2,2-Tetrachloroethane	15	U	95	15
79-00-5	1,1,2-Trichloroethane	18	U	95	18
124-48-1	Dibromochloromethane	19	U	95	19
106-93-4	1,2-Dibromoethane	26	U	95	26
75-71-8	Dichlorodifluoromethane	20	U	95	20
74-97-5	Bromochloromethane	26	U	95	26
75-27-4	Bromodichloromethane	12	U	95	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		75-135
2037-26-5	Toluene-d8 (Surr)	82		59-150
460-00-4	Bromofluorobenzene	82		72-133
1868-53-7	Dibromofluoromethane (Surr)	78		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-SI | Lab Sample ID: 460-72174-33

Matrix: Solid | Lab File ID: J09956.D

Analysis Method: 8260B | Date Collected: 03/06/2014 14:00

Sample wt/vol: 6.101(g) | Date Analyzed: 03/13/2014 18:17

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.6 | Level: (low/med) Medium

Analysis Batch No.: 212315 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 97400

CAS NO.	COMPOUND NAME	RT	RESULT	Q
540-84-1	Pentane, 2,2,4-trimethyl-	5.02	10000	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.48	8000	J N
824-90-8	1-Phenyl-1-butene	11.93	14000	J N
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	12.13	6300	J N
17059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethyl-	12.22	8800	J N
1680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-methyl	12.73	9800	J N
1680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-methyl	12.98	7400	J N
7524-63-2	Naphthalene, 1,2,3,4-tetrahydro-2,6-dime	13.10	8100	J N
91-57-6	Naphthalene, 2-methyl-	13.18	14000	J N
90-12-0	Naphthalene, 1-methyl-	13.34	11000	J N

Report Date: 14-Mar-2014 15:41:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09956.D
Lims ID: 460-72174-A-33-A Lab Sample ID: 460-72174-33
Client ID: PMP-7SW-SI
Sample Type: Client
Inject. Date: 13-Mar-2014 18:17:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-72174-A-33-A
Misc. Info.: 460-0010809-022
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 15:41:47 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: boykink Date: 14-Mar-2014 04:48:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	3.197	3.180	0.017	42	444061	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	4.725	4.731	-0.006	94	170351	39.2	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.083	5.084	-0.001	88	247620	41.7	
* 59 Fluorobenzene	96	5.353	5.354	-0.001	97	791321	50.0	
63 Methylcyclohexane	83	5.823	5.830	-0.007	89	50544	10.7	
* 150 1,4-Dioxane-d8	96	6.064	6.053	0.011	83	52864	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.028	7.029	-0.001	99	674708	40.8	
80 Tetrachloroethene	166	7.715	7.716	-0.001	50	1333	0.3769	
* 87 Chlorobenzene-d5	117	8.820	8.821	-0.001	87	672975	50.0	
89 Ethylbenzene	106	8.961	8.956	0.005	84	7288	1.40	
91 m-Xylene & p-Xylene	106	9.108	9.114	-0.006	94	23227	3.54	
92 o-Xylene	106	9.560	9.561	-0.001	84	36648	5.66	
98 Isopropylbenzene	105	9.901	9.902	-0.001	97	79615	5.58	
$ 99 4-Bromofluorobenzene	174	10.083	10.084	-0.001	91	236675	41.0	
* 116 1,4-Dichlorobenzene-d4	152	10.958	10.959	-0.001	96	411337	50.0	
124 1,2,4-Trichlorobenzene	180	12.192	12.193	-0.001	88	440301	78.6	
128 1,2,3-Trichlorobenzene	180	12.527	12.528	-0.001	73	87516	17.0	
S 131 Xylenes, Total	100				0		9.20	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09956.D				
Lims ID:	460-72174-A-33-A	Lab Sample ID:	460-72174-33		
Client ID:	PMP-7SW-SI				
Sample Type:	Client				
Inject. Date:	13-Mar-2014 18:17:30	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Sample Info:	460-72174-A-33-A				
Misc. Info.:	460-0010809-022				
Operator ID:		Instrument ID:	CVOAMS8		
Method:	\\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\8260_W8.m				
Limit Group:	VOA - 8260B Water and Solid				
Last Update:	14-Mar-2014 15:41:47	Calib Date:	09-Mar-2014 13:34:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L				
Min. Match:	20				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK009				
First Level Reviewer: boykink		Date:	14-Mar-2014 04:48:02		

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
540-84-1 Pentane, 2,2,4-trimethyl-								
5.024	4002380	110.2	59	83	7468	C8H18	114	
1595-16-0 Benzene, 1-methyl-4-(1-methylpropyl)-								
11.475	3994439	84.1	116	53	21844	C11H16	148	
824-90-8 1-Phenyl-1-butene								
11.934	7010901	147.5	116	87	13570	C10H12	132	
2050-24-0 Benzene, 1,3-diethyl-5-methyl-								
12.133	3139478	66.1	116	78	21819	C11H16	148	
17059-48-2 1H-Indene, 2,3-dihydro-1,6-dimethyl-								
12.222	4396889	92.5	116	92	20743	C11H14	146	
1680-51-9 Naphthalene, 1,2,3,4-tetrahydro-6-methyl								
12.727	4937483	103.9	116	94	20764	C11H14	146	
1680-51-9 Naphthalene, 1,2,3,4-tetrahydro-6-methyl								
12.980	3692913	77.7	116	94	20765	C11H14	146	
7524-63-2 Naphthalene, 1,2,3,4-tetrahydro-2,6-dime								
13.103	4067216	85.6	116	76	29461	C12H16	160	
91-57-6 Naphthalene, 2-methyl-								
13.179	7178859	151.1	116	96	18501	C11H10	142	
90-12-0 Naphthalene, 1-methyl-								
13.338	5495931	115.6	116	96	18499	C11H10	142	

Report Date: 14-Mar-2014 15:41:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09956.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 59 Fluorobenzene	5.353	1816576	50.0
* 116 1,4-Dichlorobenzene-d4	10.958	2376227	50.0

QC Flag Legend

Processing Flags

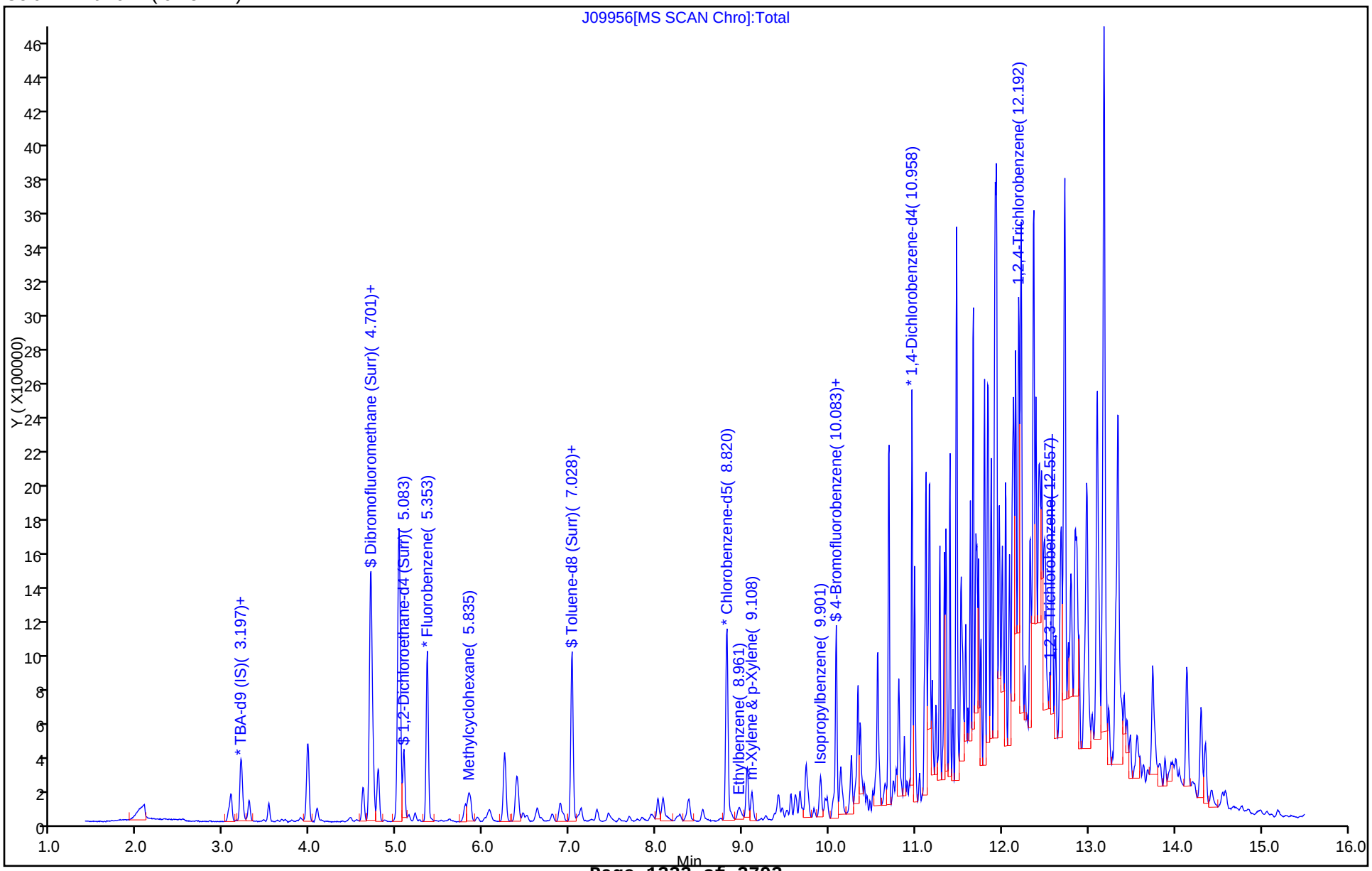
Report Date: 14-Mar-2014 15:41:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09956.D

Injection Date:	13-Mar-2014 18:17:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-72174-A-33-A	Lab Sample ID:	460-72174-33	Worklist Smp#:	22
Client ID:	PMP-7SW-SI				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	21
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



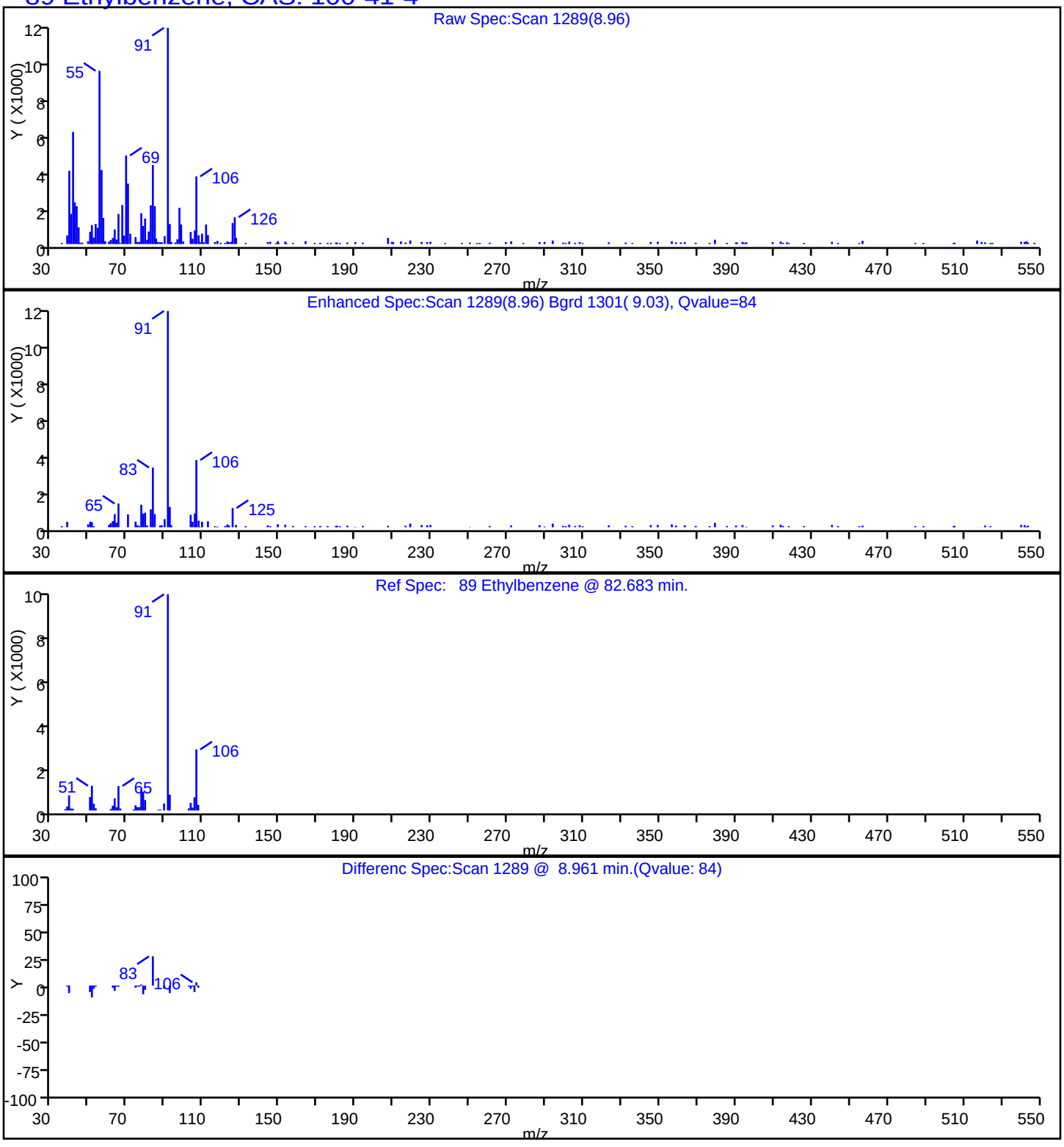
Report Date: 14-Mar-2014 15:41:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09956.D

Injection Date:	13-Mar-2014 18:17:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-33-A	Lab Sample ID:	460-72174-33		
Client ID:	PMP-7SW-SI				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

89 Ethylbenzene, CAS: 100-41-4



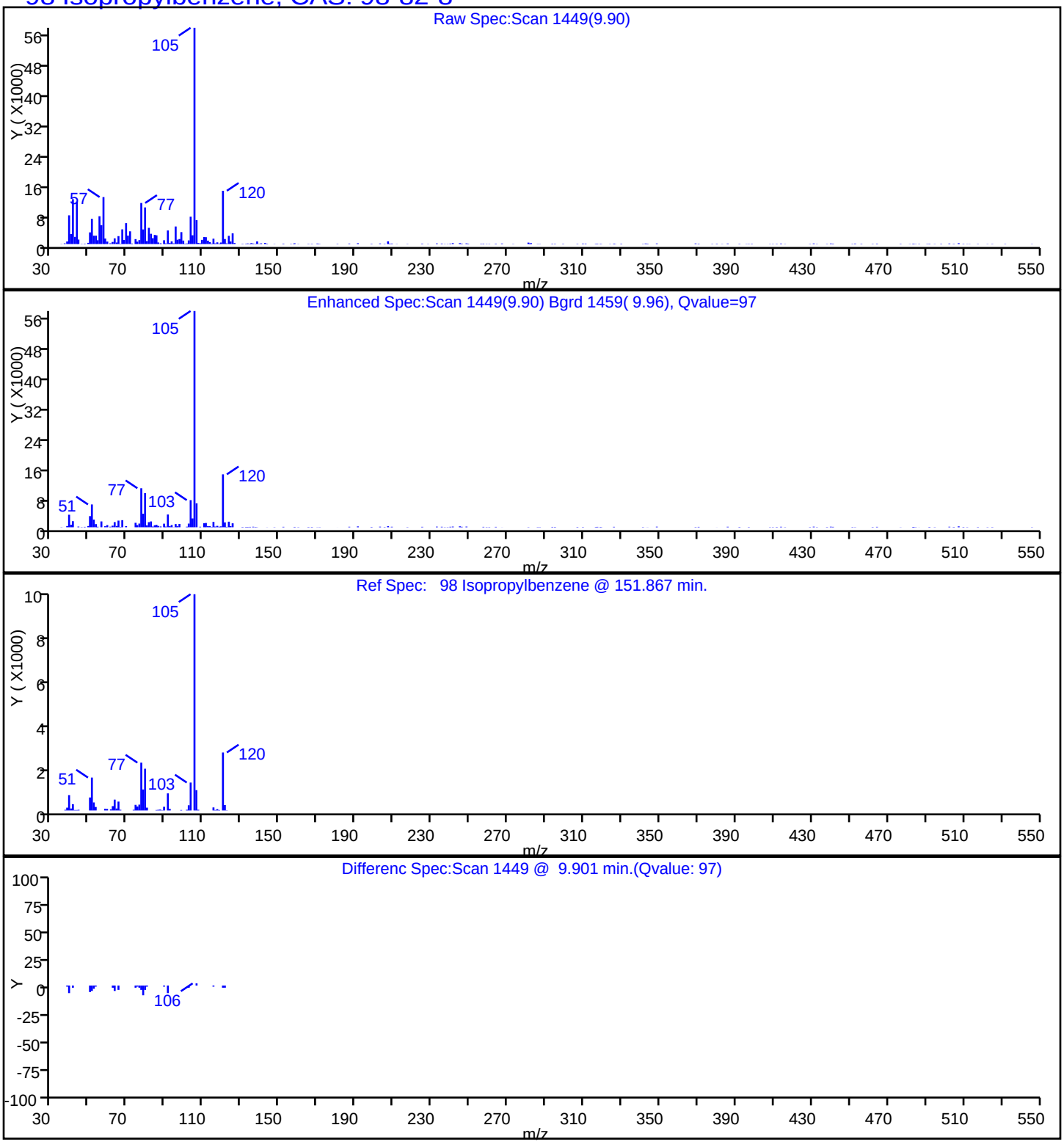
Report Date: 14-Mar-2014 15:41:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09956.D

Injection Date:	13-Mar-2014 18:17:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-33-A	Lab Sample ID:	460-72174-33		
Client ID:	PMP-7SW-SI				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

98 Isopropylbenzene, CAS: 98-82-8



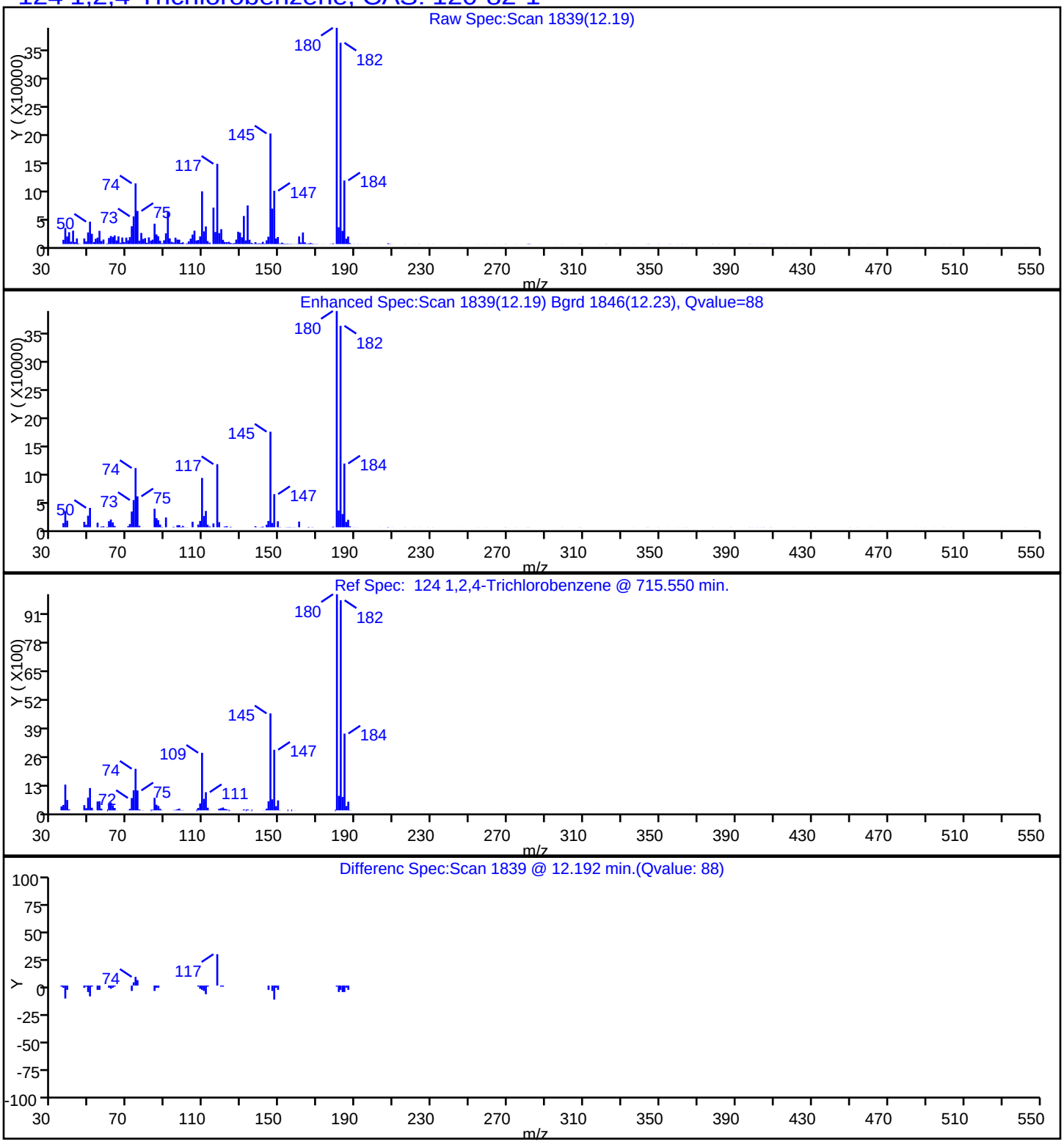
Report Date: 14-Mar-2014 15:41:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09956.D

Injection Date:	13-Mar-2014 18:17:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-33-A	Lab Sample ID:	460-72174-33		
Client ID:	PMP-7SW-SI				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



Report Date: 14-Mar-2014 15:41:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09956.D

Injection Date: 13-Mar-2014 18:17:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-33-A Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

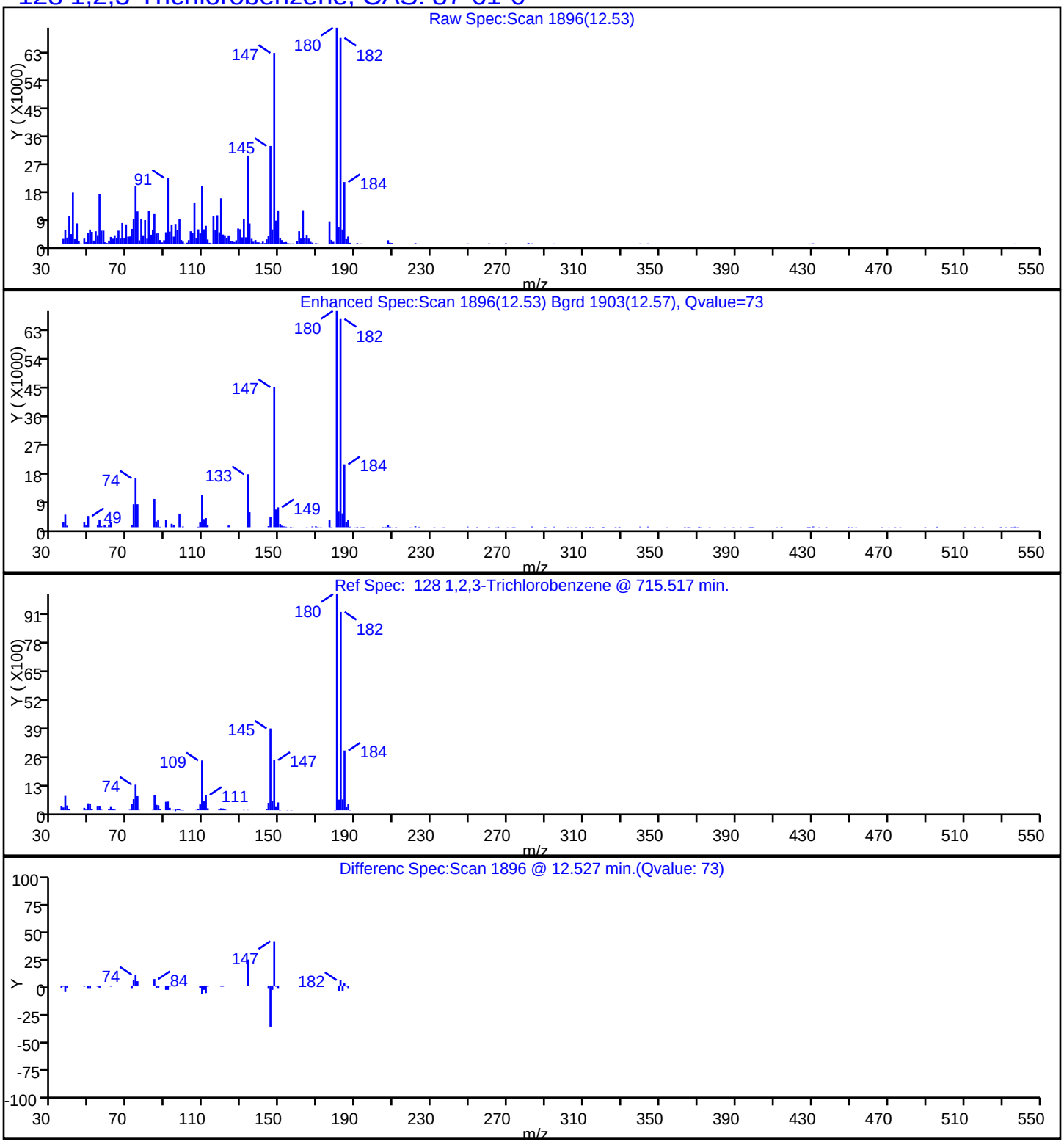
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



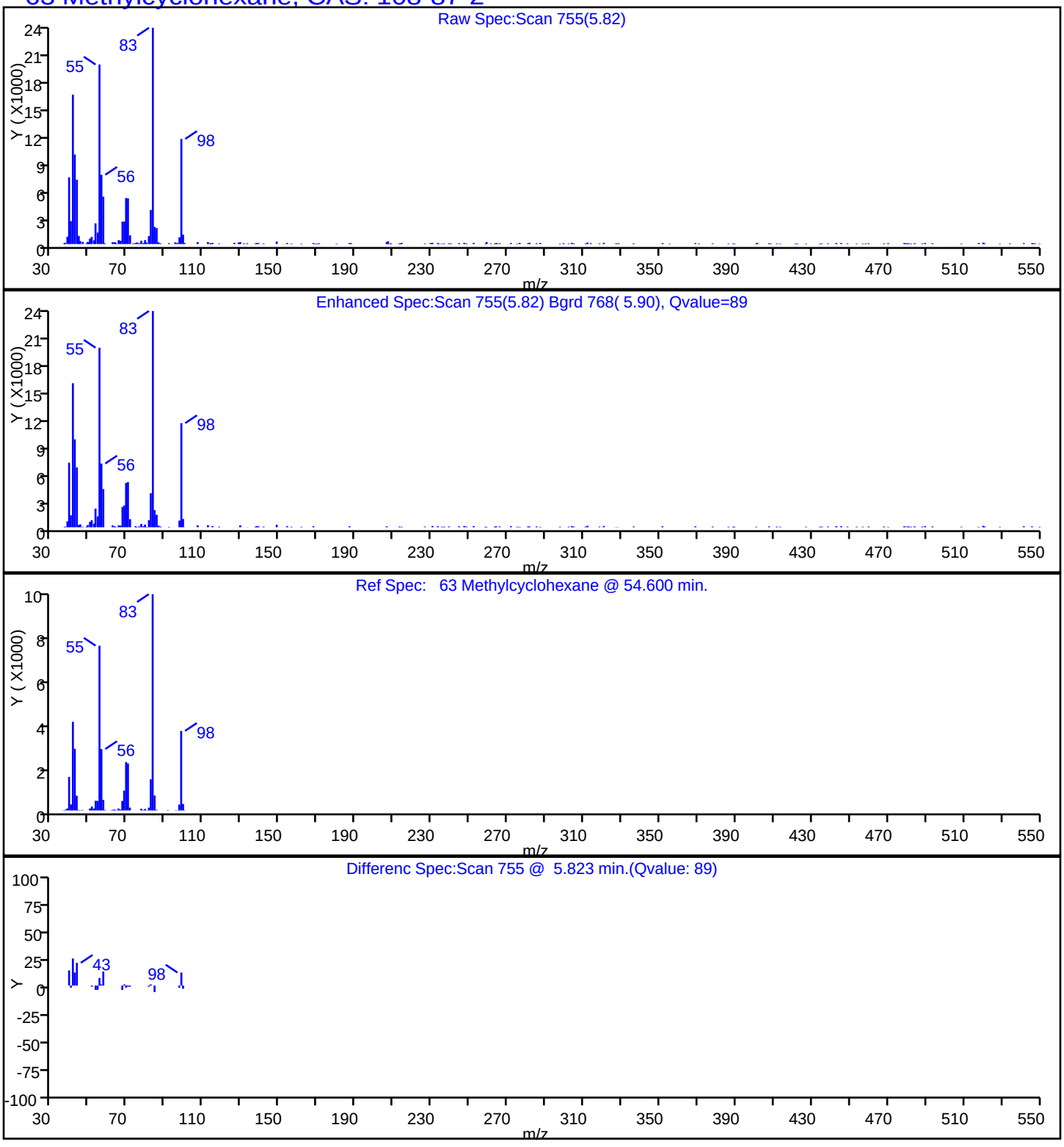
Report Date: 14-Mar-2014 15:41:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09956.D

Injection Date:	13-Mar-2014 18:17:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-33-A	Lab Sample ID:	460-72174-33		
Client ID:	PMP-7SW-SI				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

63 Methylcyclohexane, CAS: 108-87-2



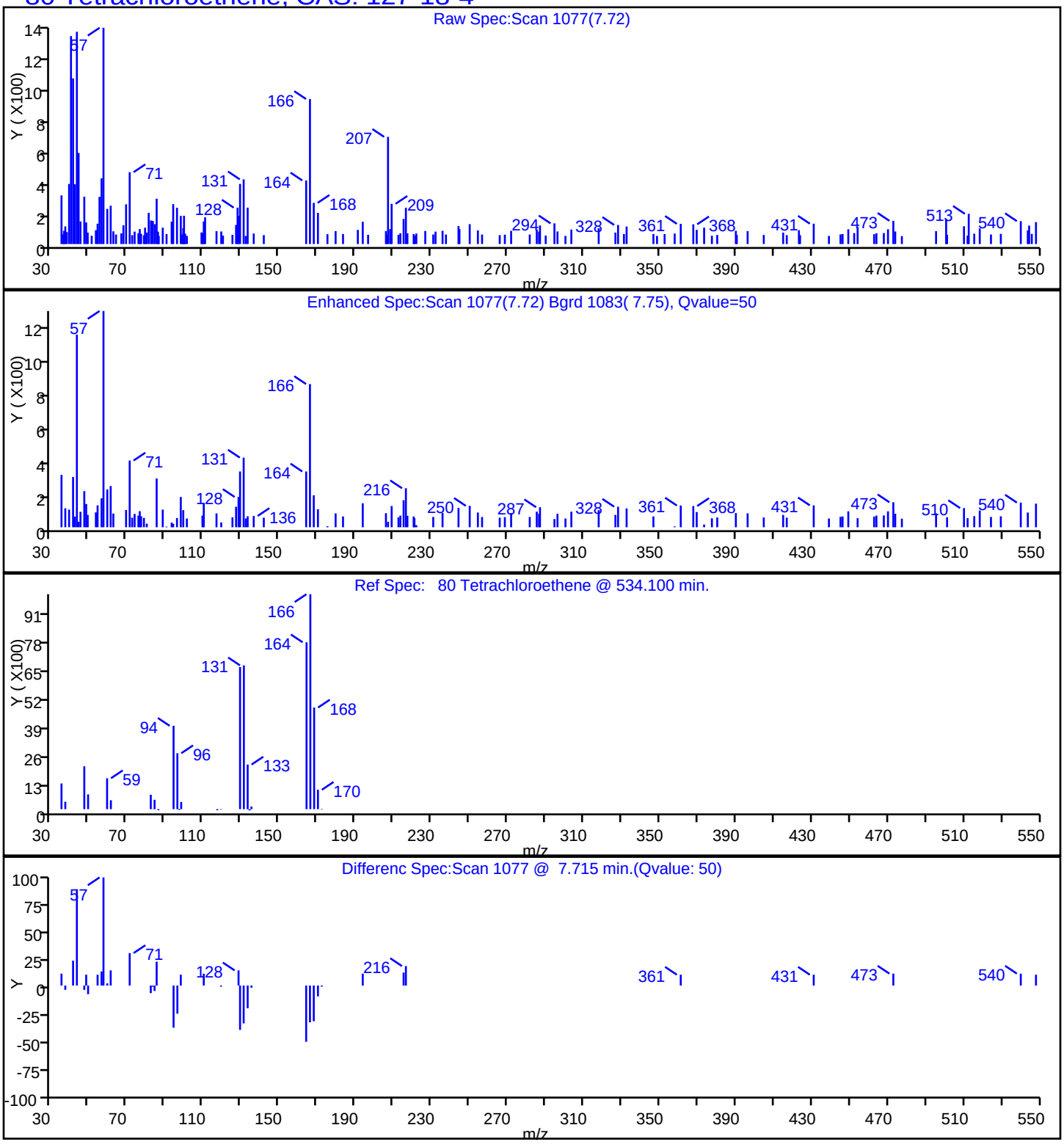
Report Date: 14-Mar-2014 15:41:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09956.D

Injection Date:	13-Mar-2014 18:17:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-33-A	Lab Sample ID:	460-72174-33		
Client ID:	PMP-7SW-SI				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

80 Tetrachloroethene, CAS: 127-18-4



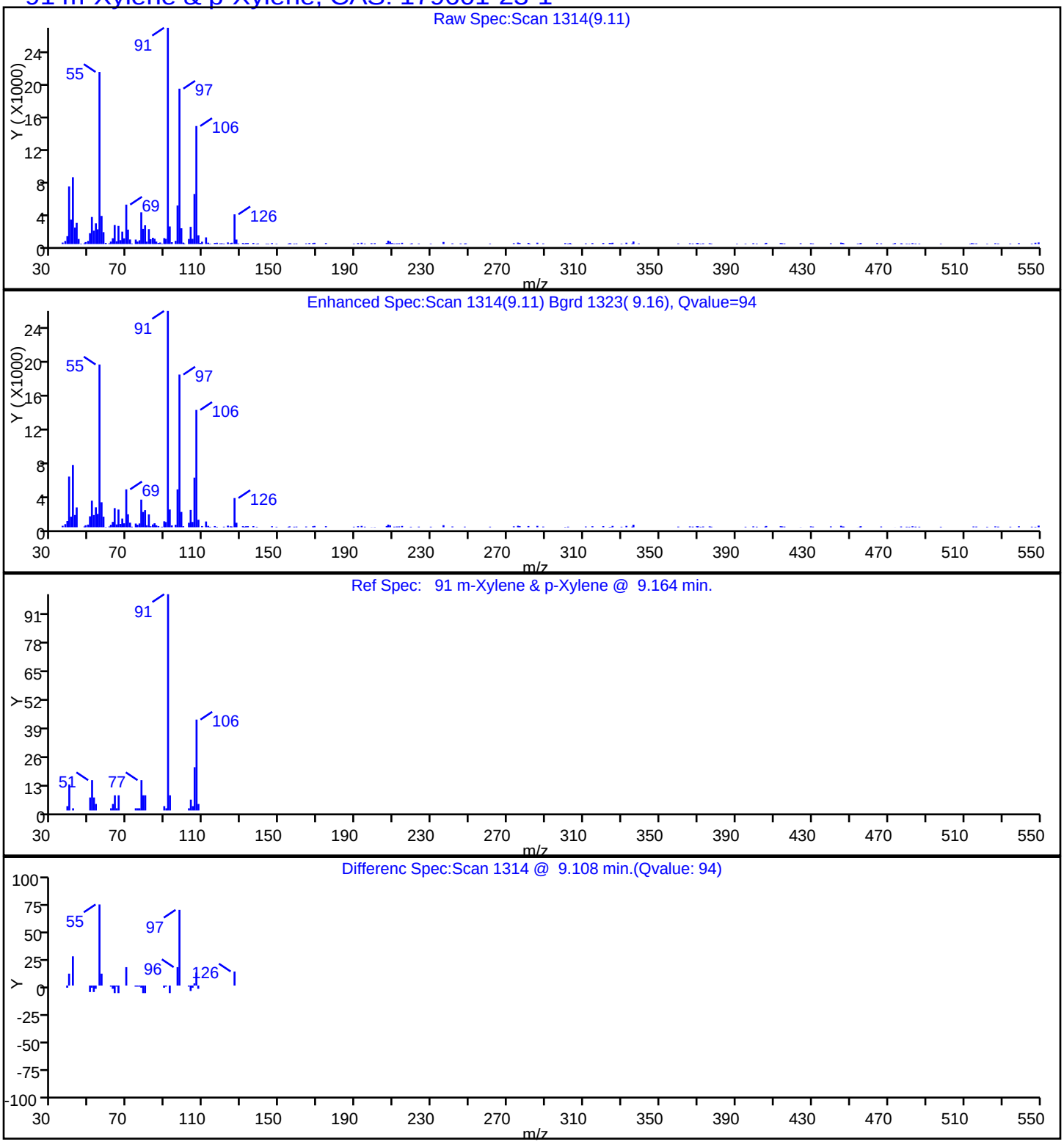
Report Date: 14-Mar-2014 15:41:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09956.D

Injection Date:	13-Mar-2014 18:17:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-33-A	Lab Sample ID:	460-72174-33		
Client ID:	PMP-7SW-SI				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

91 m-Xylene & p-Xylene, CAS: 179601-23-1



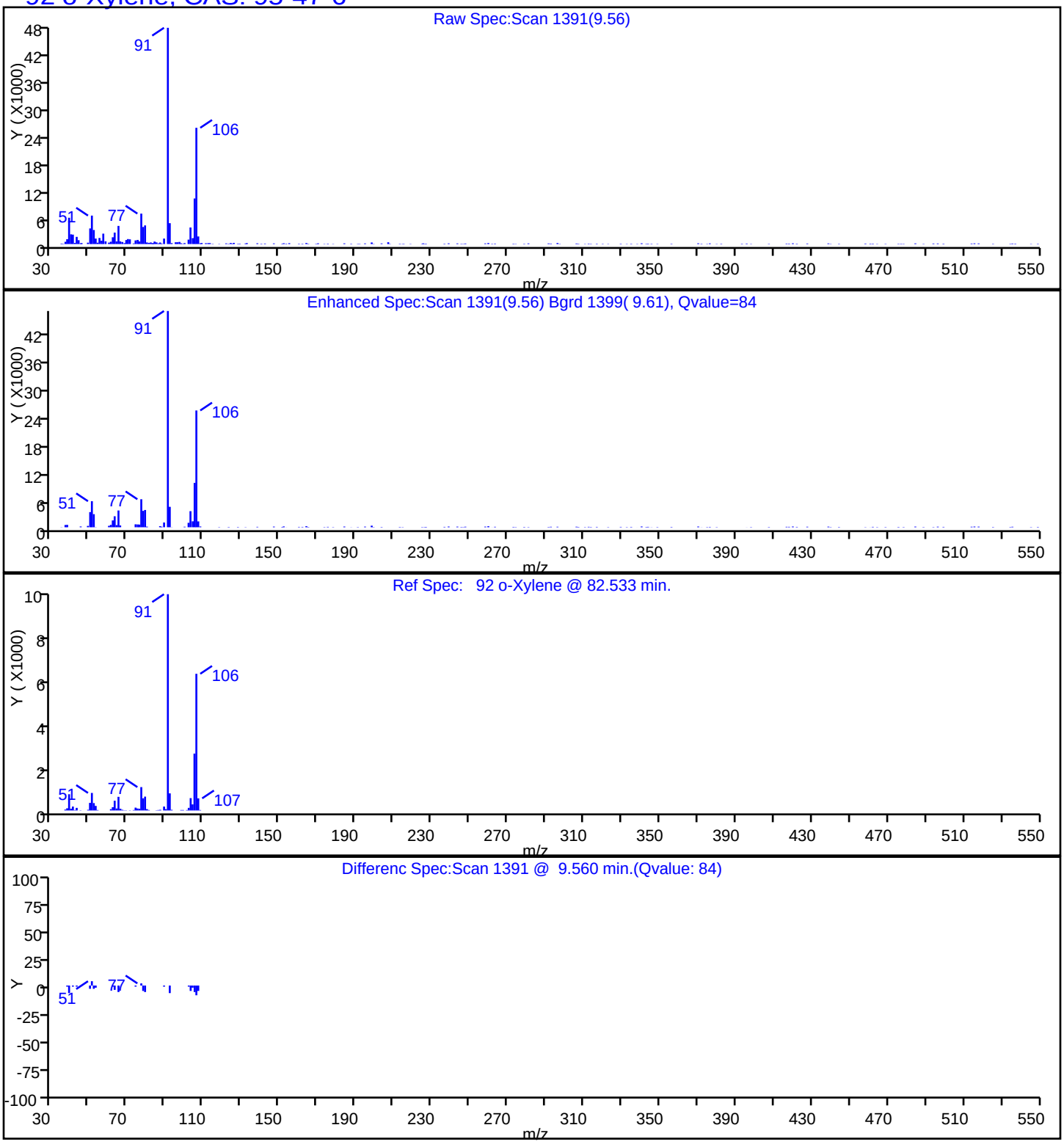
Report Date: 14-Mar-2014 15:41:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09956.D

Injection Date:	13-Mar-2014 18:17:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-33-A	Lab Sample ID:	460-72174-33		
Client ID:	PMP-7SW-SI				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

92 o-Xylene, CAS: 95-47-6



Report Date: 14-Mar-2014 15:41:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09956.D

Injection Date: 13-Mar-2014 18:17:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-33-A Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

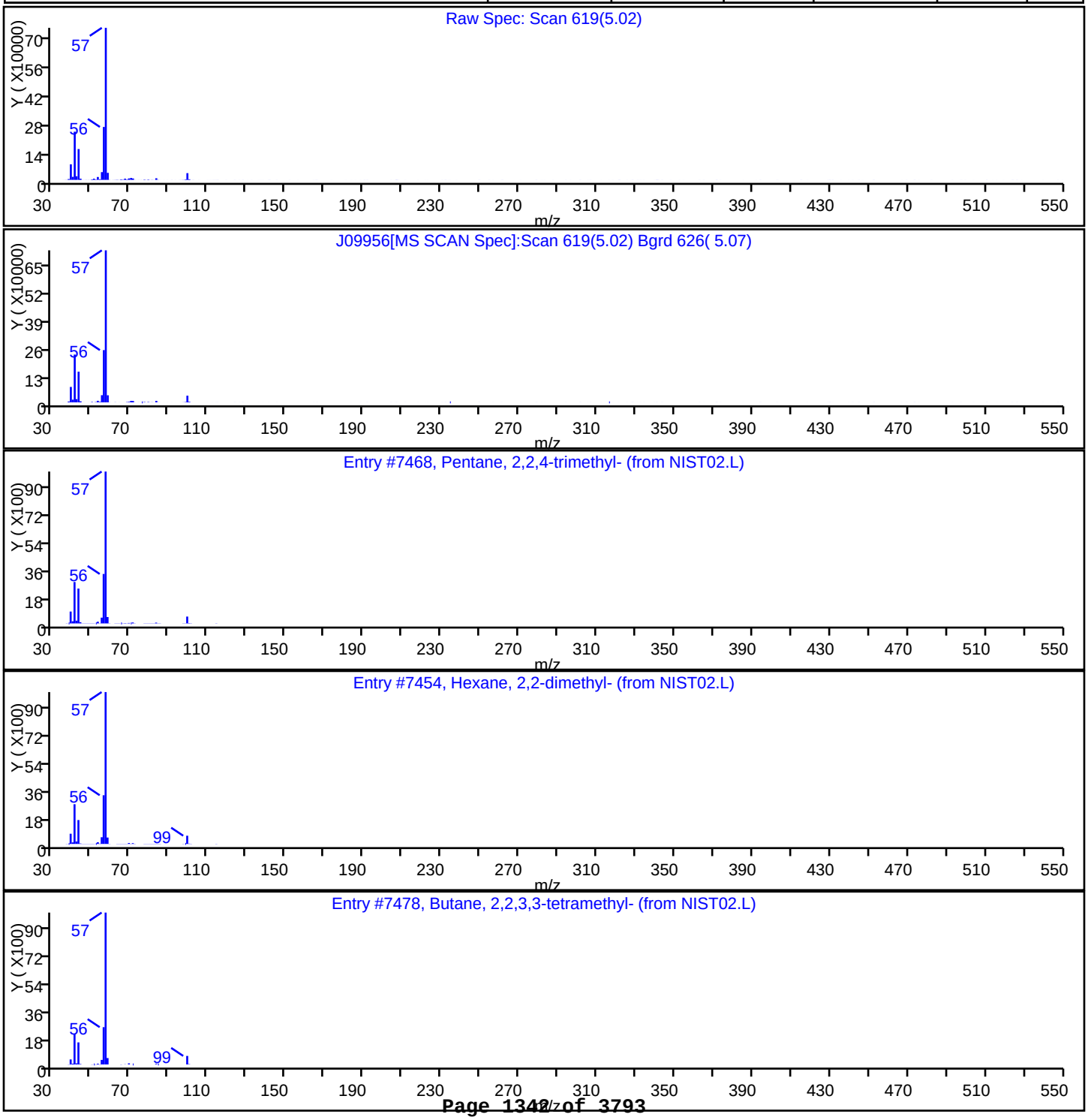
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 2,2,4-trimethyl-	540-84-1	NIST02.L	7468	C8H18	114	83
Hexane, 2,2-dimethyl-	590-73-8	NIST02.L	7454	C8H18	114	74
Butane, 2,2,3,3-tetramethyl-	594-82-1	NIST02.L	7478	C8H18	114	64



Report Date: 14-Mar-2014 15:41:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09956.D

Injection Date: 13-Mar-2014 18:17:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-33-A Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

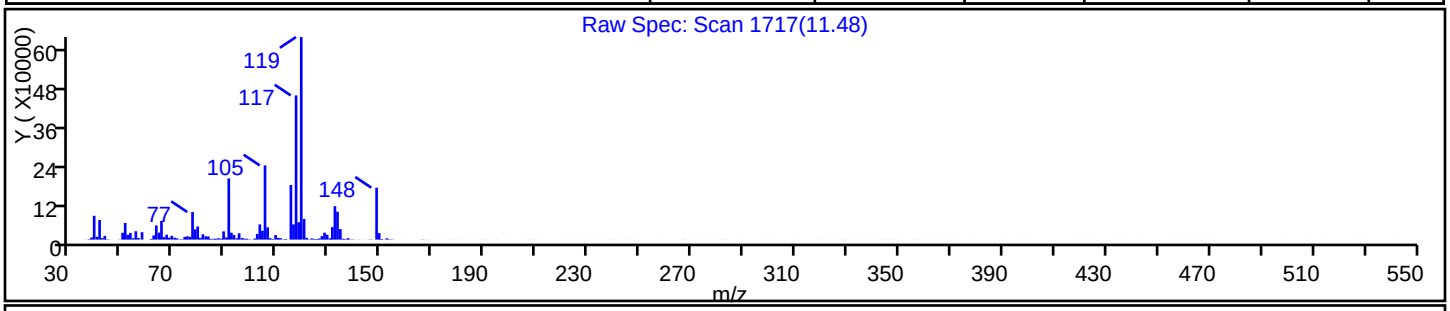
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

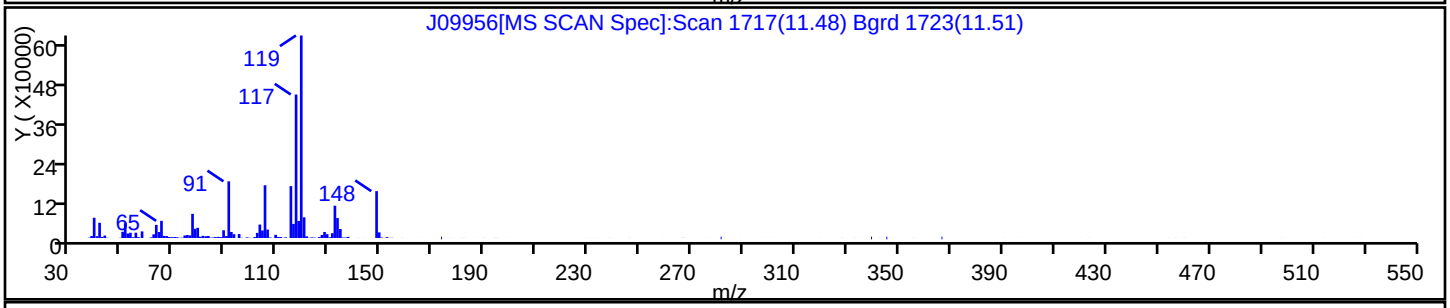
Purge Vol: 5.000 mL Dil. Factor: 50.0000

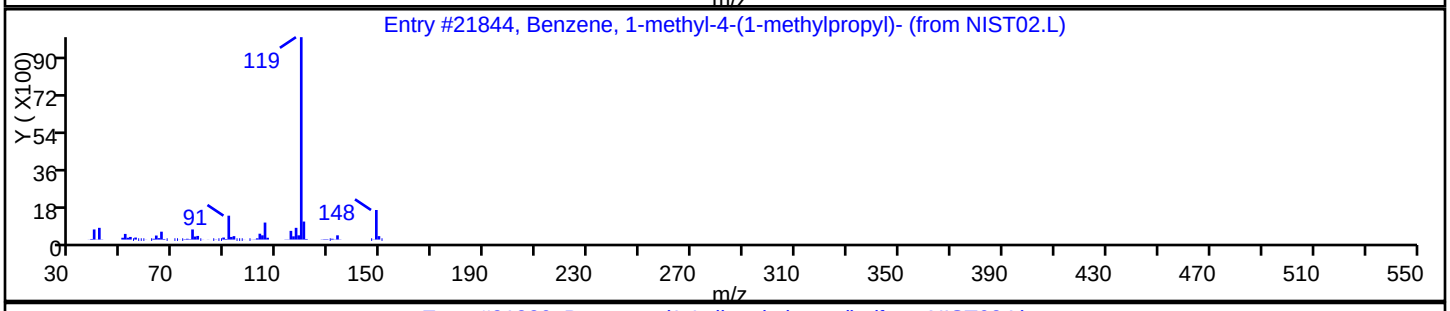
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

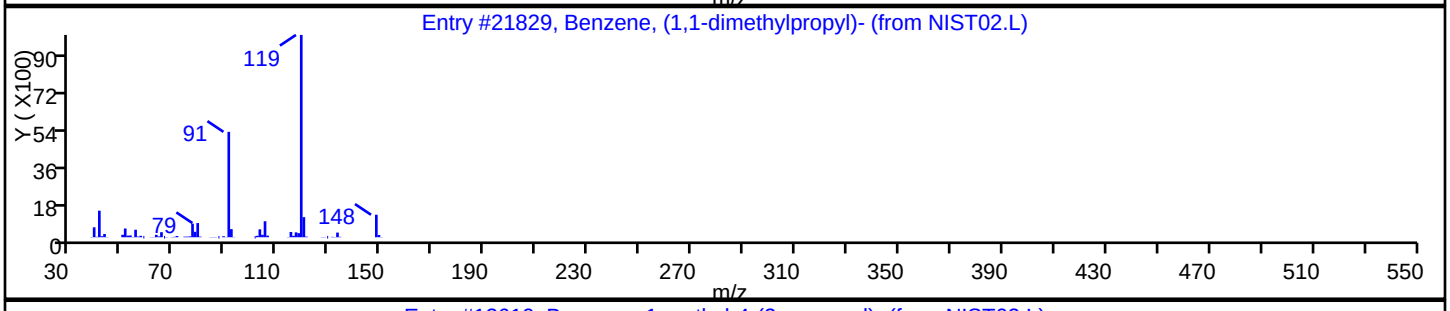
Column: Detector MS SCAN

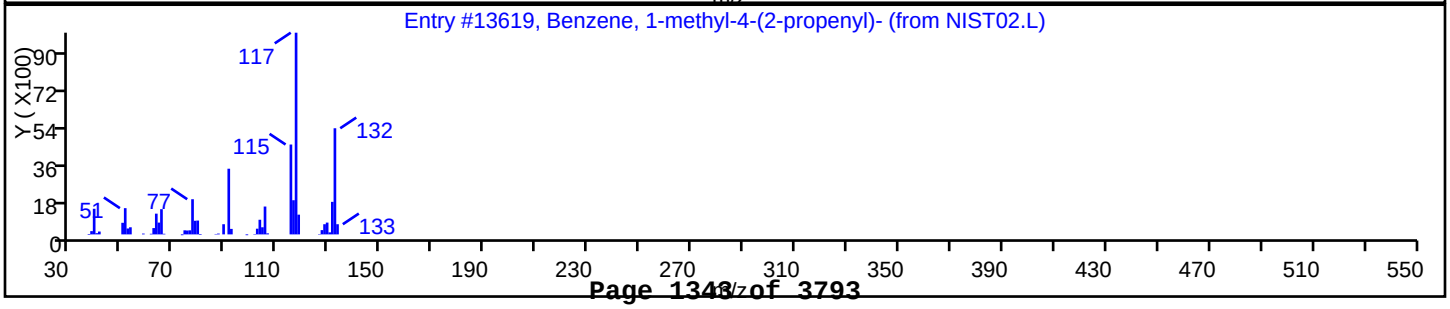
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	C11H16	148	53
Benzene, (1,1-dimethylpropyl)-	2049-95-8	NIST02.L	21829	C11H16	148	46
Benzene, 1-methyl-4-(2-propenyl)-	3333-13-9	NIST02.L	13619	C10H12	132	42











Report Date: 14-Mar-2014 15:41:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09956.D

Injection Date: 13-Mar-2014 18:17:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-33-A Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

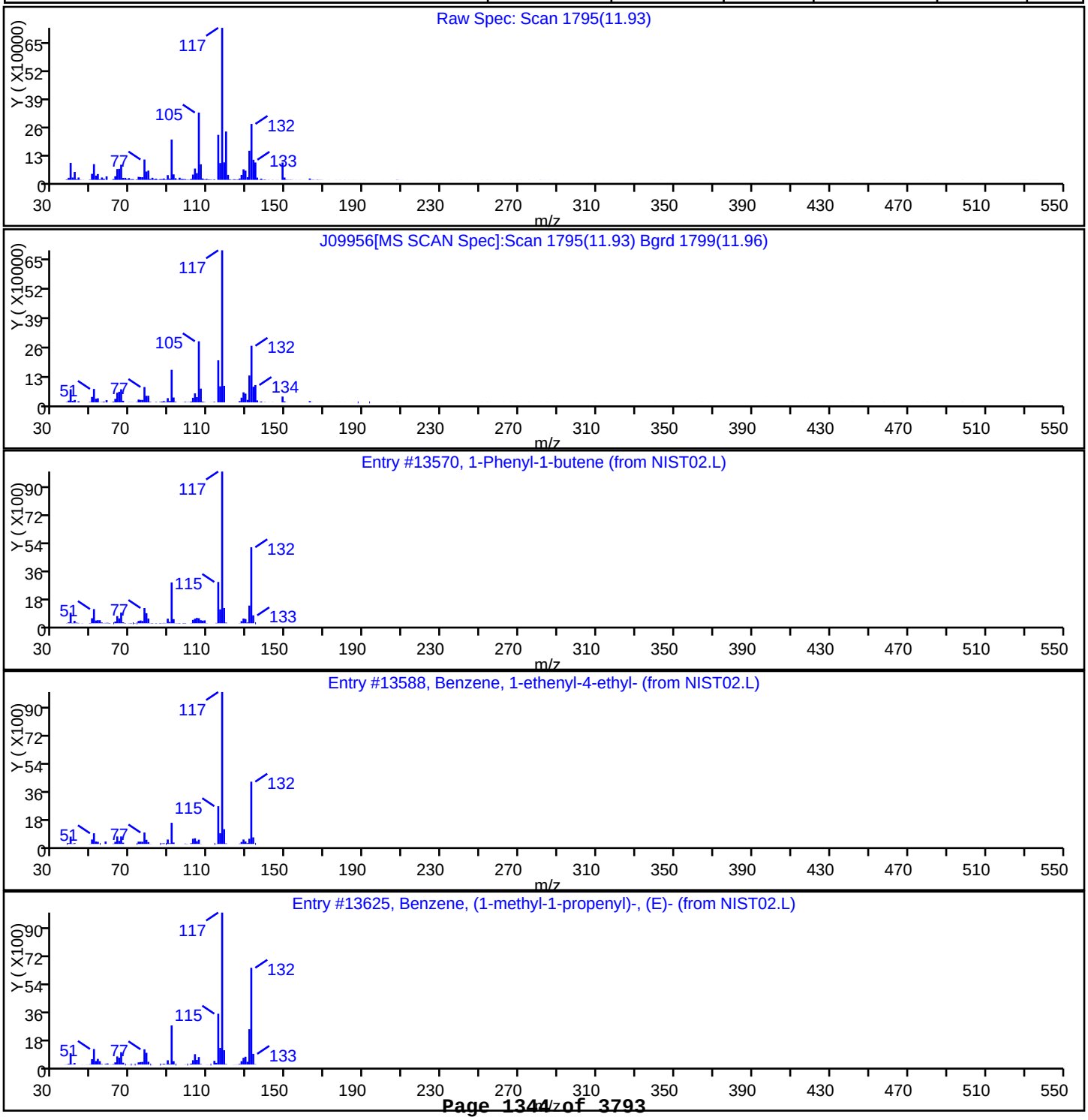
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Phenyl-1-butene	824-90-8	NIST02.L	13570	C10H12	132	87
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.L	13588	C10H12	132	81
Benzene, (1-methyl-1-propenyl)-, (E)-	768-00-3	NIST02.L	13625	C10H12	132	81



Report Date: 14-Mar-2014 15:41:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09956.D

Injection Date: 13-Mar-2014 18:17:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-33-A Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

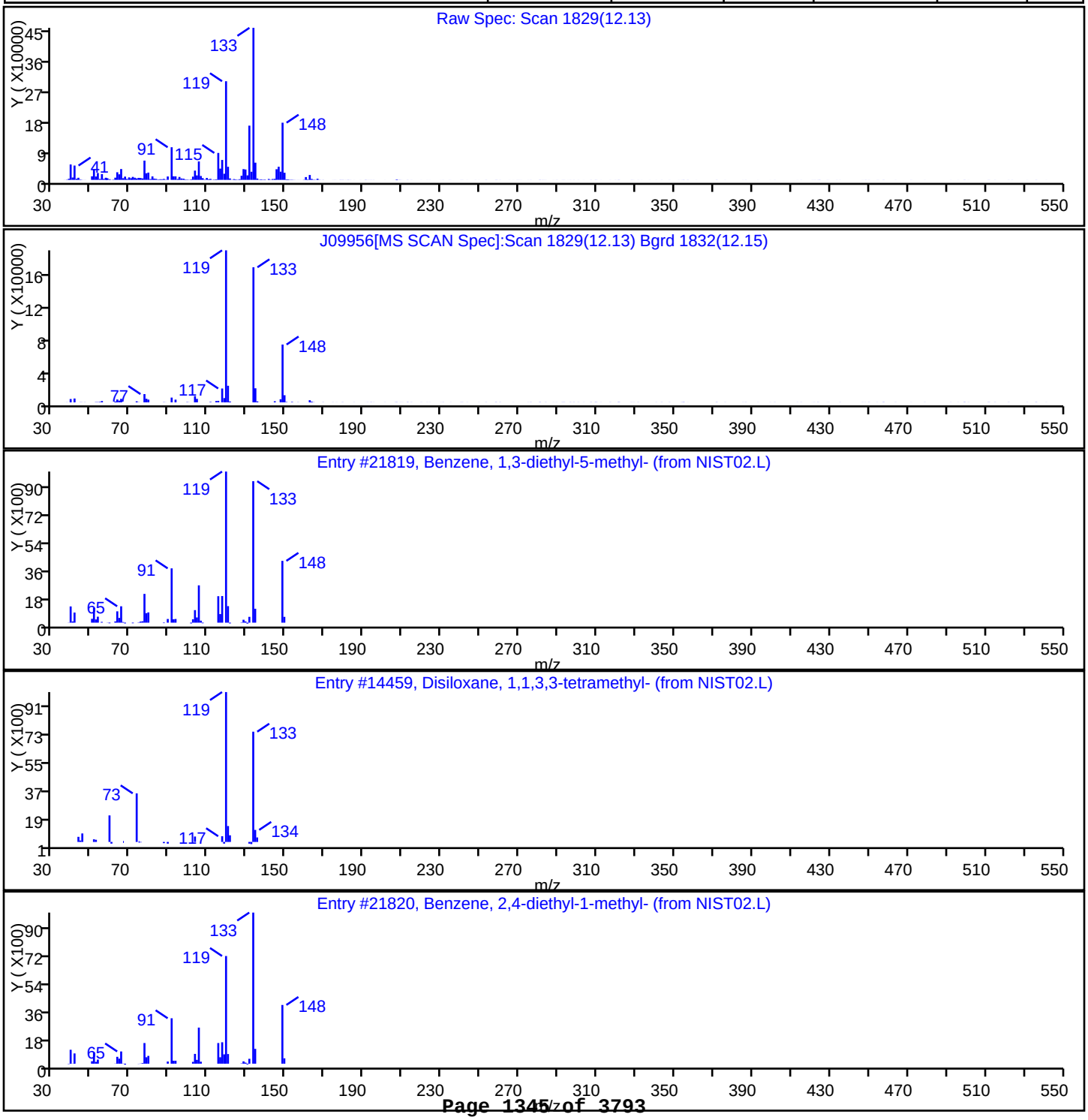
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.L	21819	C11H16	148	78
Disiloxane, 1,1,3,3-tetramethyl-	3277-26-7	NIST02.L	14459	C4H14OSi2	134	72
Benzene, 2,4-diethyl-1-methyl-	1758-85-6	NIST02.L	21820	C11H16	148	50



Report Date: 14-Mar-2014 15:41:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09956.D

Injection Date: 13-Mar-2014 18:17:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-33-A Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

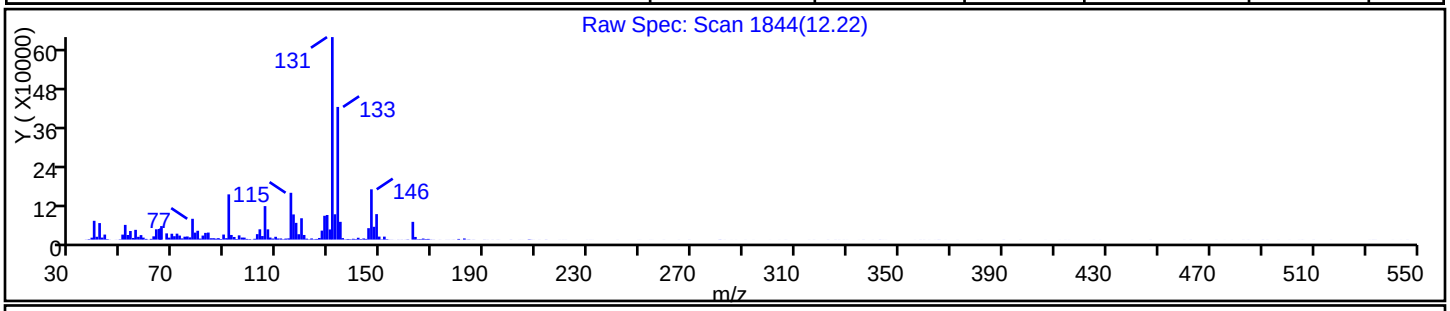
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

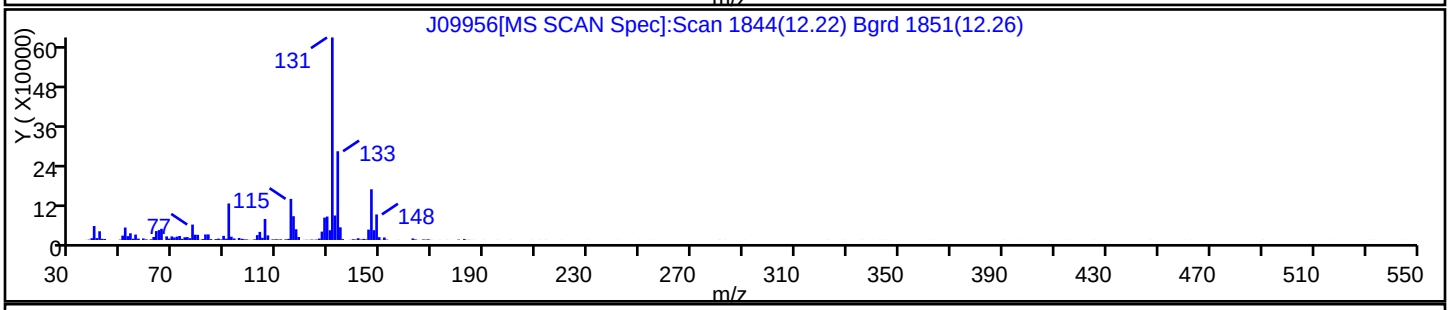
Purge Vol: 5.000 mL Dil. Factor: 50.0000

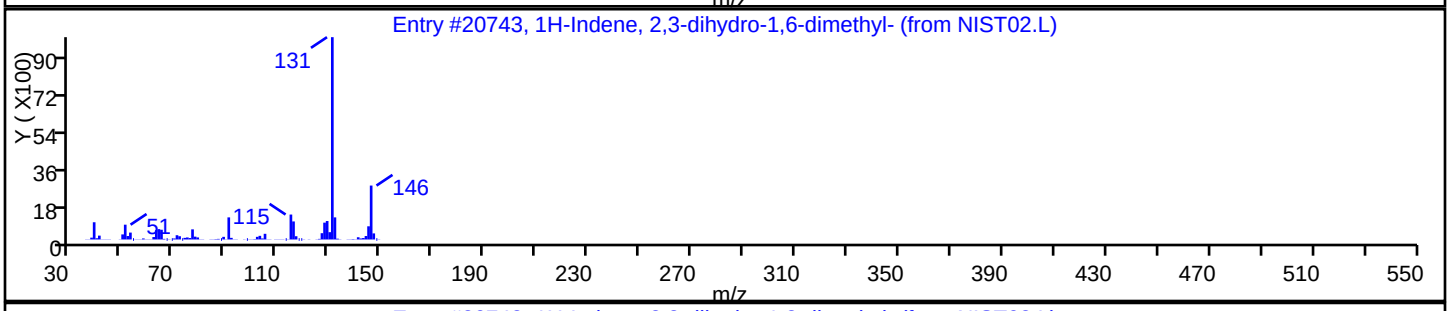
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

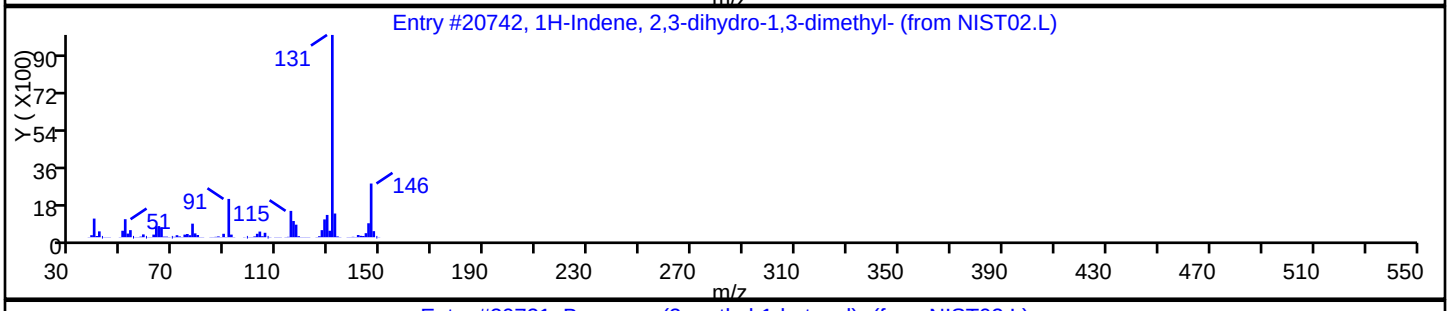
Column: Detector MS SCAN

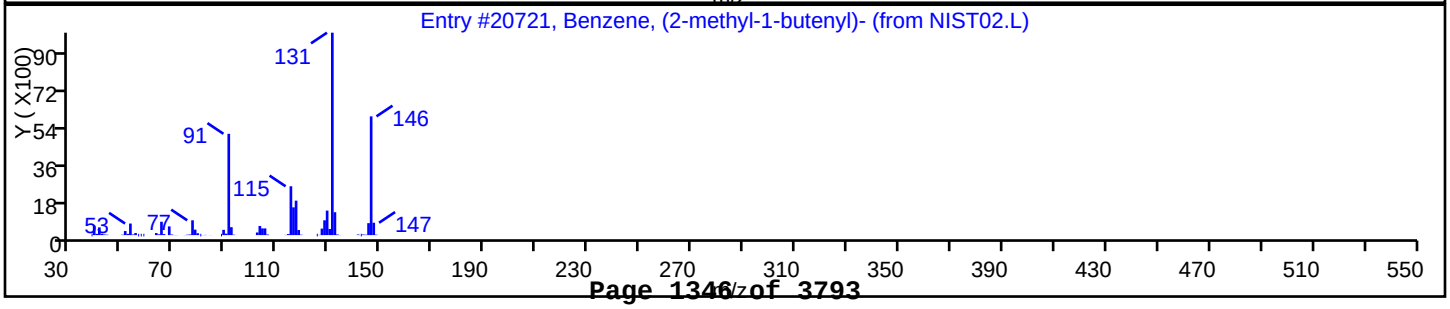
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Indene, 2,3-dihydro-1,6-dimethyl-	17059-48-2	NIST02.L	20743	C11H14	146	92
1H-Indene, 2,3-dihydro-1,3-dimethyl-	4175-53-5	NIST02.L	20742	C11H14	146	91
Benzene, (2-methyl-1-butenyl)-	56253-64-6	NIST02.L	20721	C11H14	146	89











Report Date: 14-Mar-2014 15:41:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09956.D

Injection Date: 13-Mar-2014 18:17:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-33-A Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

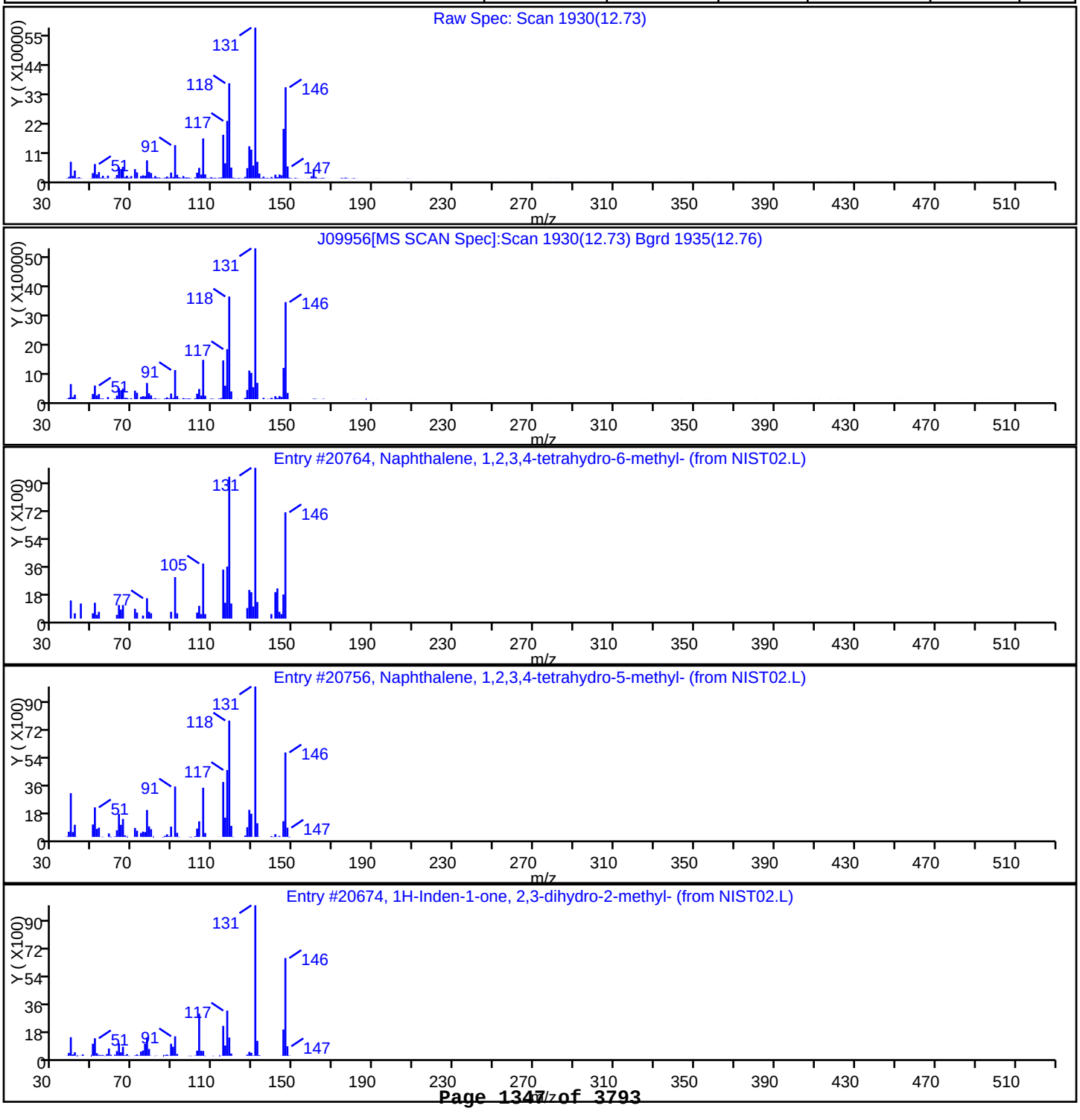
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-6-methyl	1680-51-9	NIST02.L	20764	C11H14	146	94
Naphthalene, 1,2,3,4-tetrahydro-5-methyl	2809-64-5	NIST02.L	20756	C11H14	146	94
1H-Inden-1-one, 2,3-dihydro-2-methyl-	17496-14-9	NIST02.L	20674	C10H10O	146	64



Report Date: 14-Mar-2014 15:41:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09956.D

Injection Date: 13-Mar-2014 18:17:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-33-A Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

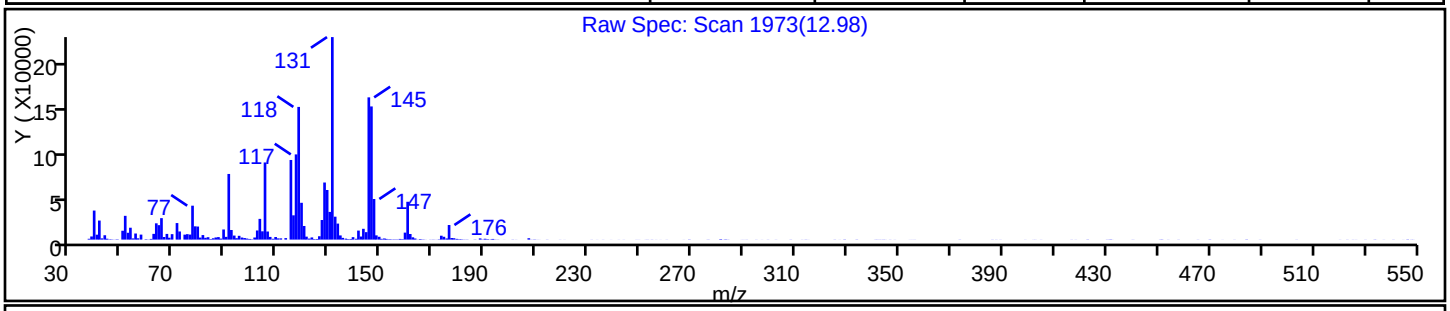
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

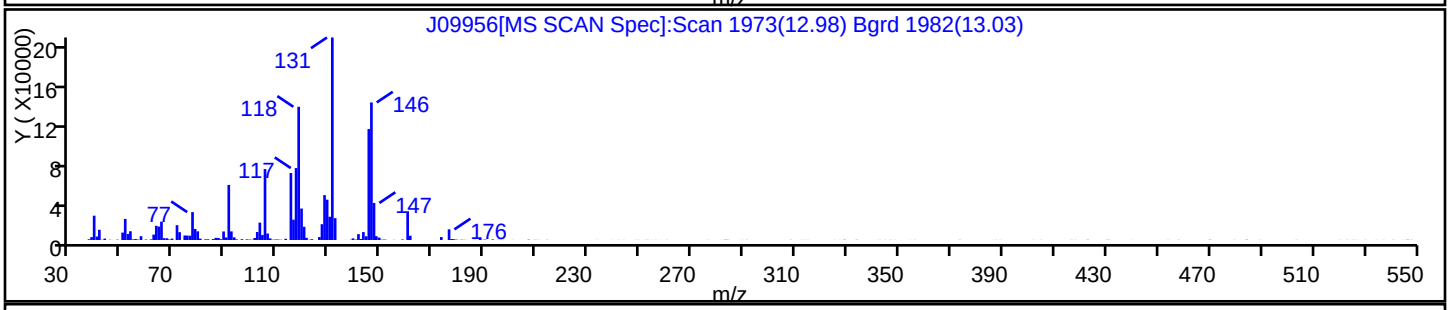
Purge Vol: 5.000 mL Dil. Factor: 50.0000

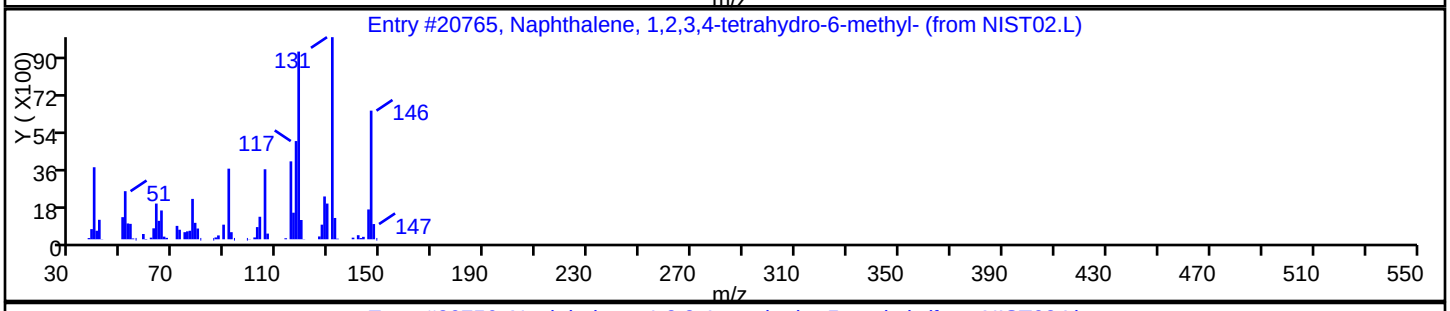
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

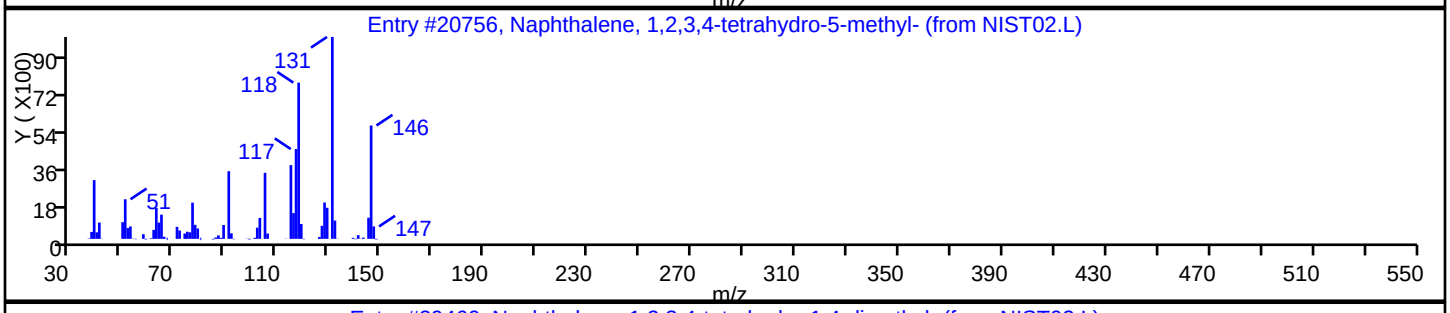
Column: Detector MS SCAN

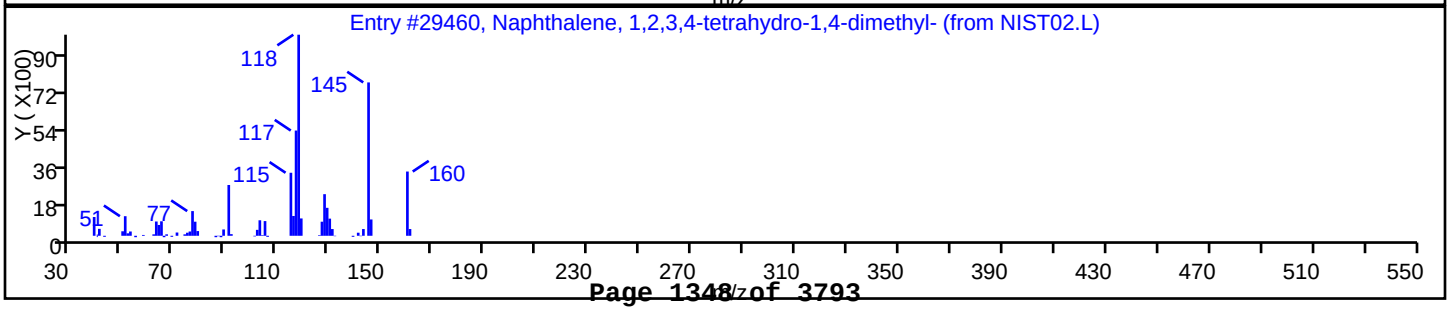
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-6-methyl	1680-51-9	NIST02.L	20765	C11H14	146	94
Naphthalene, 1,2,3,4-tetrahydro-5-methyl	2809-64-5	NIST02.L	20756	C11H14	146	91
Naphthalene, 1,2,3,4-tetrahydro-1,4-dime	4175-54-6	NIST02.L	29460	C12H16	160	86











Report Date: 14-Mar-2014 15:41:49 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09956.D

Injection Date: 13-Mar-2014 18:17:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-33-A Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

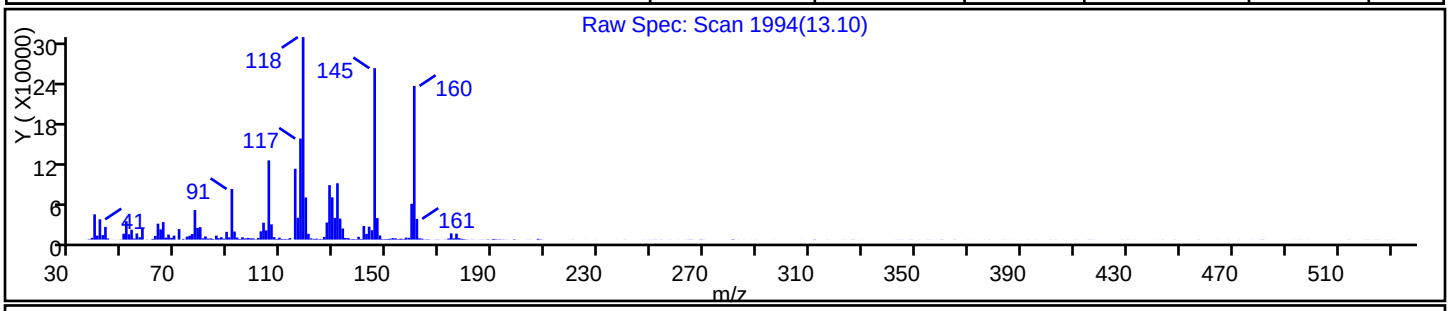
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

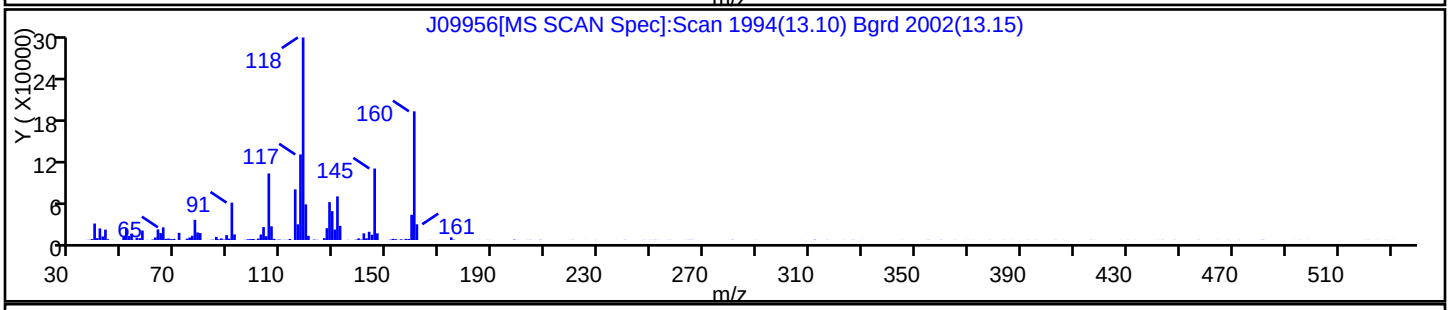
Purge Vol: 5.000 mL Dil. Factor: 50.0000

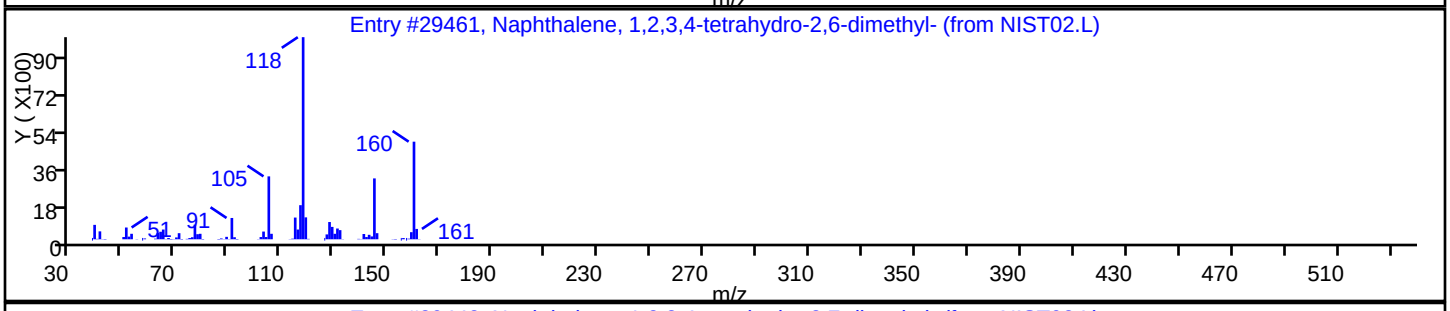
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

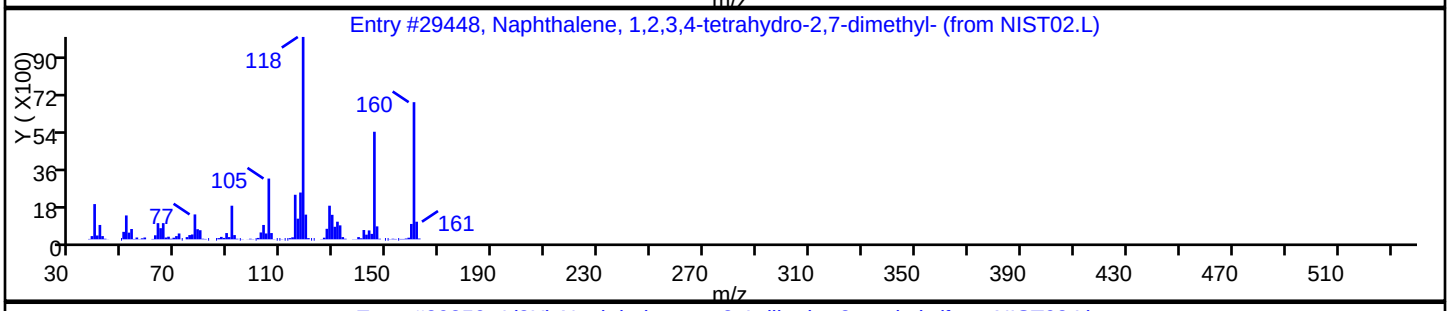
Column: Detector MS SCAN

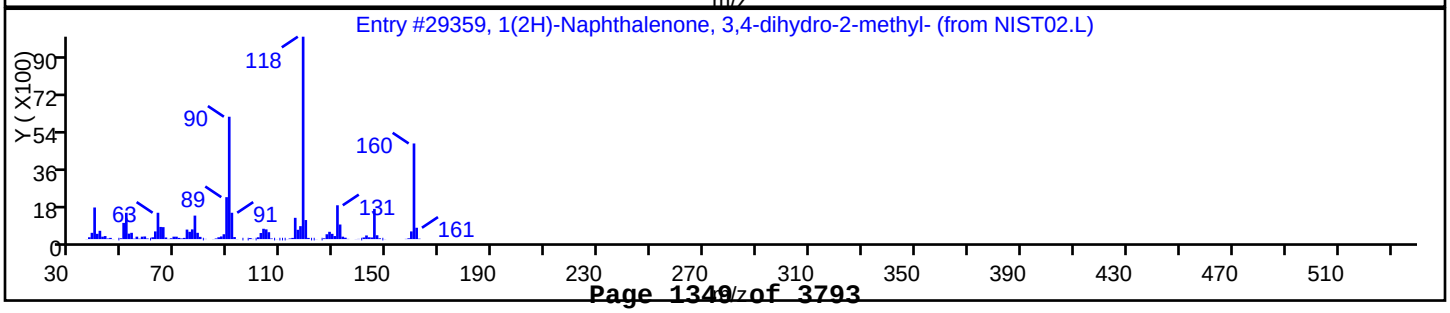
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-2,6-dime	7524-63-2	NIST02.L	29461	C12H16	160	76
Naphthalene, 1,2,3,4-tetrahydro-2,7-dime	13065-07-1	NIST02.L	29448	C12H16	160	64
1(2H)-Naphthalenone, 3,4-dihydro-2-methy	1590-08-5	NIST02.L	29359	C11H12O	160	53











Report Date: 14-Mar-2014 15:41:49 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09956.D

Injection Date: 13-Mar-2014 18:17:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-33-A Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

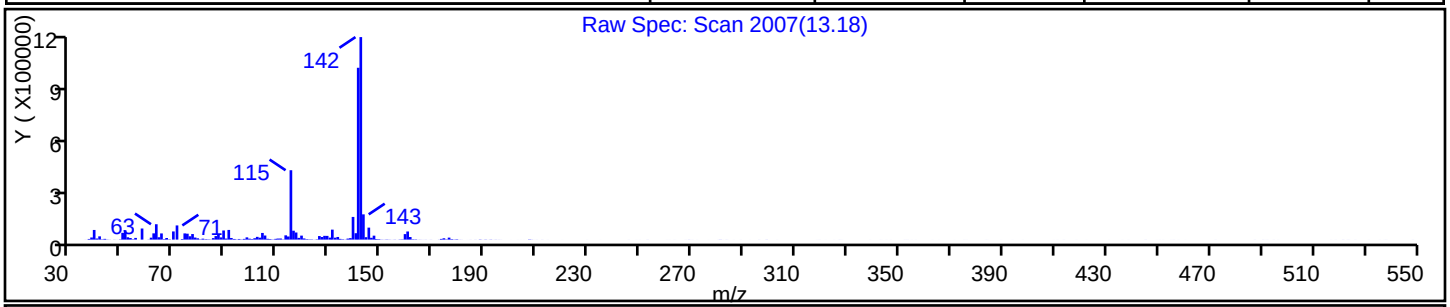
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

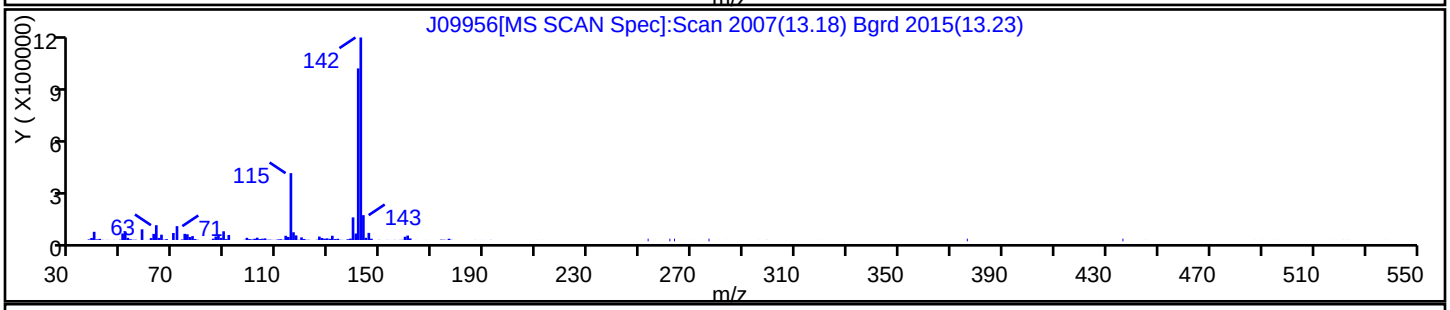
Purge Vol: 5.000 mL Dil. Factor: 50.0000

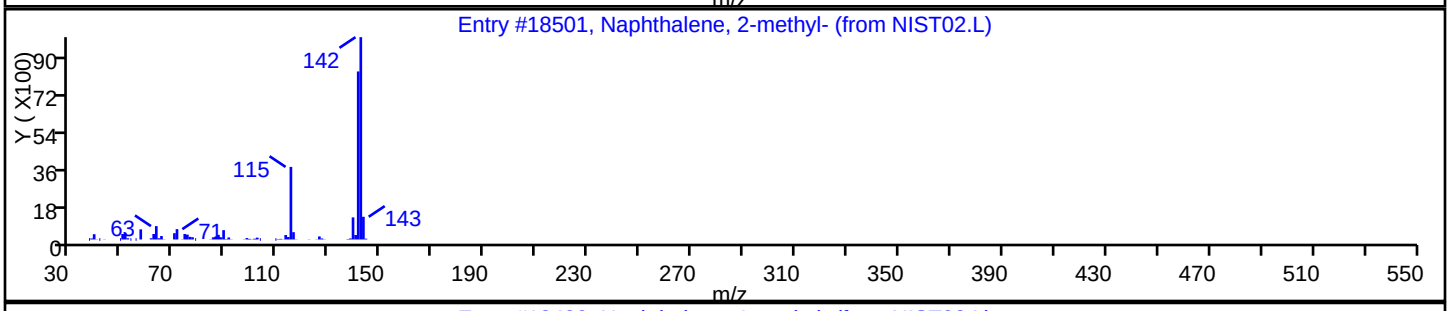
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

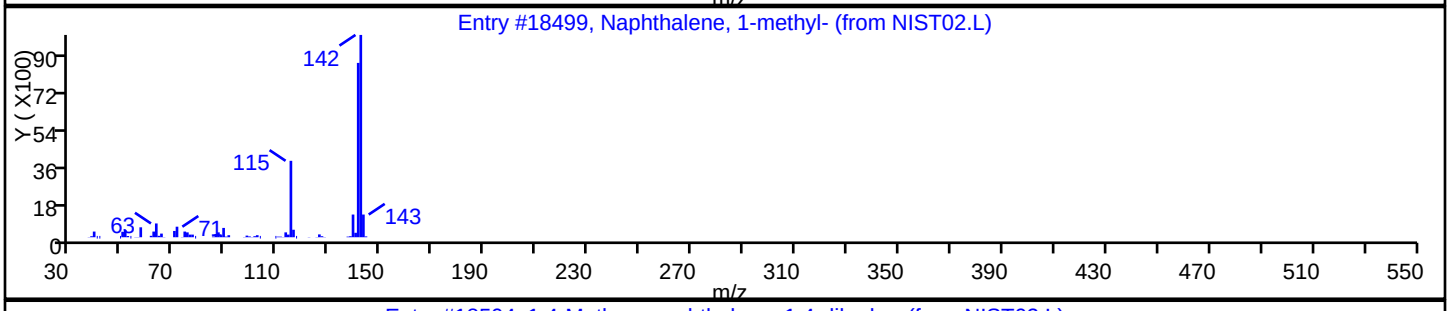
Column: Detector MS SCAN

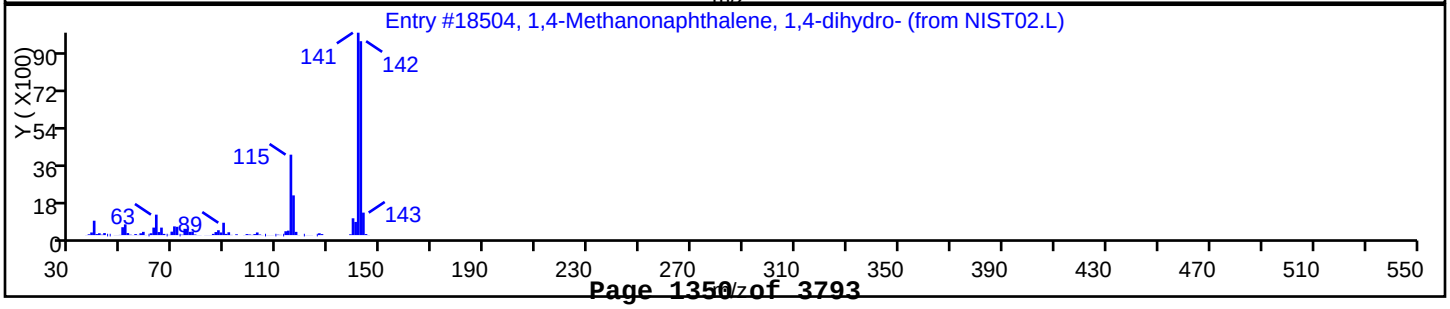
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	C11H10	142	96
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	C11H10	142	96
1,4-Methanonaphthalene, 1,4-dihydro-	4453-90-1	NIST02.L	18504	C11H10	142	91











Report Date: 14-Mar-2014 15:41:49 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09956.D

Injection Date: 13-Mar-2014 18:17:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-33-A Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

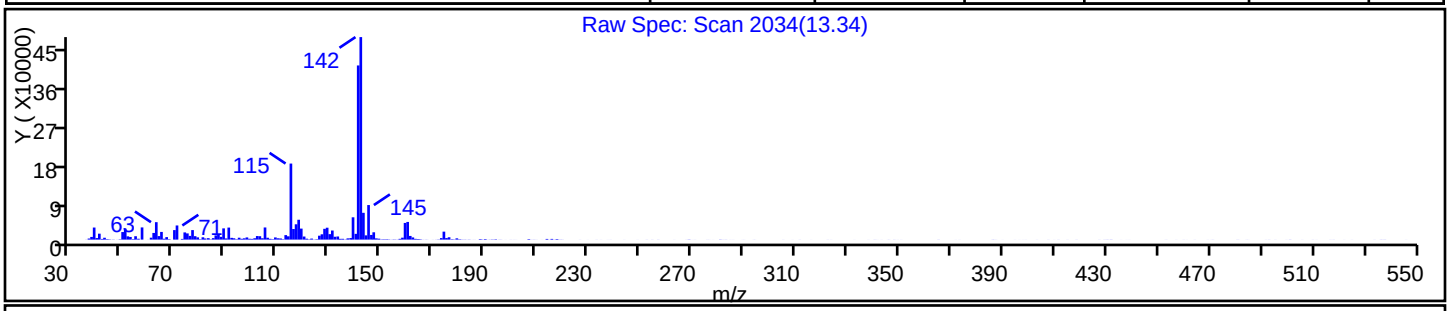
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

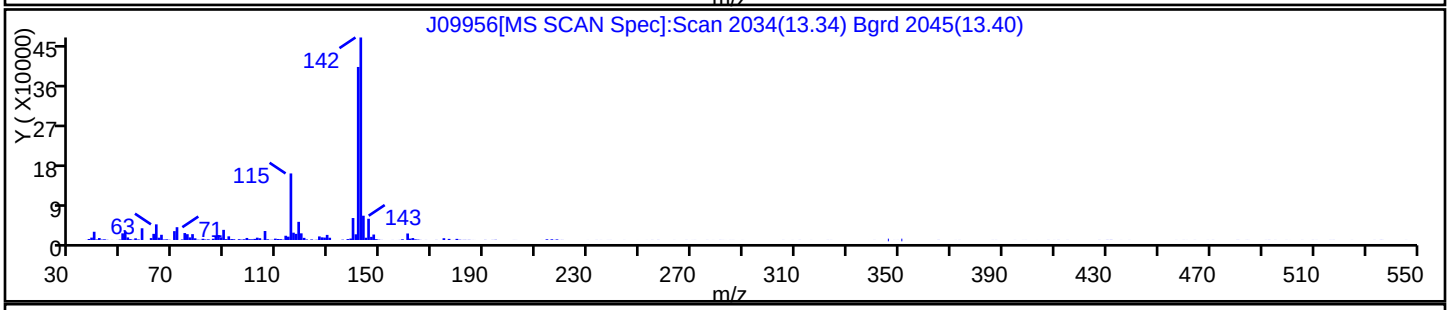
Purge Vol: 5.000 mL Dil. Factor: 50.0000

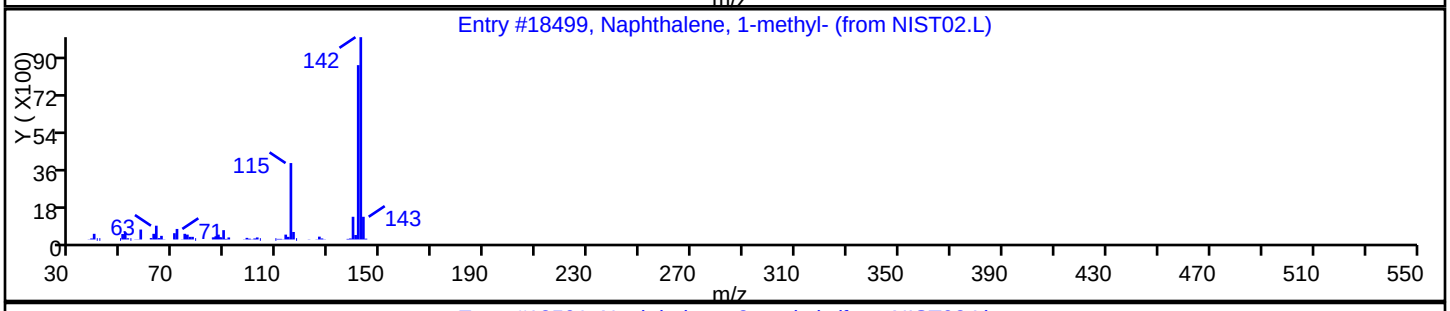
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

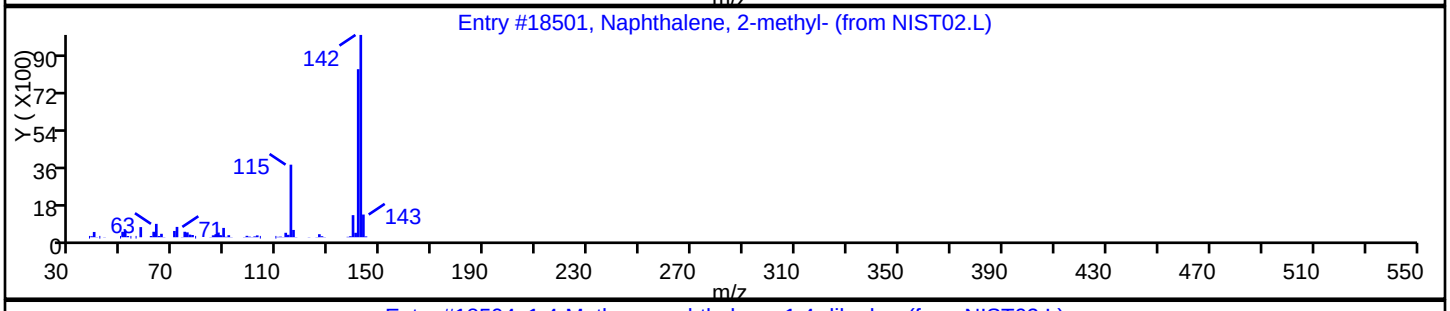
Column: Detector MS SCAN

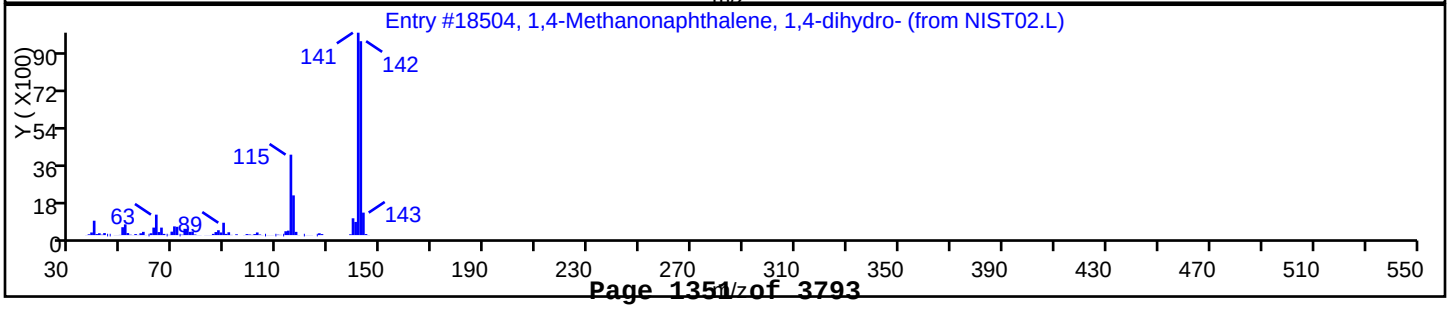
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	C11H10	142	96
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	C11H10	142	96
1,4-Methanonaphthalene, 1,4-dihydro-	4453-90-1	NIST02.L	18504	C11H10	142	93











FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-VD | Lab Sample ID: 460-72174-34

Matrix: Solid | Lab File ID: D367317.D

Analysis Method: 8260B | Date Collected: 03/06/2014 14:40

Sample wt/vol: 6.279(g) | Date Analyzed: 03/13/2014 22:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.6 | Level: (low/med) Low

Analysis Batch No.: 212478 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.14	U	0.84	0.14
74-83-9	Bromomethane	0.36	U	0.84	0.36
75-01-4	Vinyl chloride	0.29	U	0.84	0.29
75-00-3	Chloroethane	0.28	U	0.84	0.28
75-09-2	Methylene Chloride	1.1		0.84	0.13
67-64-1	Acetone	9.0	B	4.2	1.4
75-15-0	Carbon disulfide	0.13	U	0.84	0.13
75-69-4	Trichlorofluoromethane	0.14	U	0.84	0.14
75-35-4	1,1-Dichloroethene	0.16	U	0.84	0.16
75-34-3	1,1-Dichloroethane	0.093	U	0.84	0.093
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.84	0.11
156-59-2	cis-1,2-Dichloroethene	2.9		0.84	0.093
67-66-3	Chloroform	0.46	J	0.84	0.20
78-93-3	2-Butanone	0.53	U	4.2	0.53
107-06-2	1,2-Dichloroethane	0.15	U	0.84	0.15
71-55-6	1,1,1-Trichloroethane	0.11	U	0.84	0.11
56-23-5	Carbon tetrachloride	0.13	U	0.84	0.13
71-43-2	Benzene	0.13	U	0.84	0.13
75-25-2	Bromoform	0.14	U	0.84	0.14
100-42-5	Styrene	0.24	U	0.84	0.24
100-41-4	Ethylbenzene	0.14	U	0.84	0.14
108-90-7	Chlorobenzene	0.15	U	0.84	0.15
110-82-7	Cyclohexane	0.11	U	0.84	0.11
98-82-8	Isopropylbenzene	0.093	U	0.84	0.093
591-78-6	2-Hexanone	0.11	U	4.2	0.11
1634-04-4	MTBE	0.093	U	0.84	0.093
76-13-1	Freon TF	0.093	U	0.84	0.093
79-20-9	Methyl acetate	0.27	U	4.2	0.27
123-91-1	1,4-Dioxane	11	U	17	11
79-01-6	Trichloroethene	21		0.84	0.10
108-88-3	Toluene	0.25	J	0.84	0.12
10061-02-6	trans-1,3-Dichloropropene	0.084	U	0.84	0.084
108-10-1	4-Methyl-2-pentanone	0.17	U	4.2	0.17
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.84	0.12
95-50-1	1,2-Dichlorobenzene	0.084	U	0.84	0.084
541-73-1	1,3-Dichlorobenzene	0.14	U	0.84	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-VD | Lab Sample ID: 460-72174-34

Matrix: Solid | Lab File ID: D367317.D

Analysis Method: 8260B | Date Collected: 03/06/2014 14:40

Sample wt/vol: 6.279(g) | Date Analyzed: 03/13/2014 22:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.6 | Level: (low/med) Low

Analysis Batch No.: 212478 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.19	J	0.84	0.093
120-82-1	1,2,4-Trichlorobenzene	1.2		0.84	0.16
87-61-6	1,2,3-Trichlorobenzene	0.76	J	0.84	0.14
78-87-5	1,2-Dichloropropane	0.13	U	0.84	0.13
108-87-2	Methylcyclohexane	0.084	U	0.84	0.084
127-18-4	Tetrachloroethene	0.10	U	0.84	0.10
1330-20-7	Xylenes, Total	0.57	U	1.7	0.57
96-12-8	1,2-Dibromo-3-Chloropropane	0.37	U	0.84	0.37
79-34-5	1,1,2,2-Tetrachloroethane	0.076	U	0.84	0.076
79-00-5	1,1,2-Trichloroethane	0.12	U	0.84	0.12
124-48-1	Dibromochloromethane	0.084	U	0.84	0.084
106-93-4	1,2-Dibromoethane	0.13	U	0.84	0.13
75-71-8	Dichlorodifluoromethane	0.19	U	0.84	0.19
74-97-5	Bromochloromethane	0.093	U	0.84	0.093
75-27-4	Bromodichloromethane	0.27	U	0.84	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	Bromofluorobenzene	94		70-130
1868-53-7	Dibromofluoromethane (Surr)	90		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-VD Lab Sample ID: 460-72174-34

Matrix: Solid Lab File ID: D367317.D

Analysis Method: 8260B Date Collected: 03/06/2014 14:40

Sample wt/vol: 6.279(g) Date Analyzed: 03/13/2014 22:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.6 Level: (low/med) Low

Analysis Batch No.: 212478 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Report Date: 15-Mar-2014 14:08:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367317.D
Lims ID: 460-72174-C-34-A Lab Sample ID: 460-72174-34
Client ID: PMP-9SW-VD
Sample Type: Client
Inject. Date: 13-Mar-2014 22:28:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-C-34-A
Misc. Info.: 460-0010833-010
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 14:08:32 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: tupayachia Date: 14-Mar-2014 15:58:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
25 Methylene Chloride	84	2.368	2.365	0.003	86	4930	1.34	
19 Acetone	43	2.406	2.413	-0.007	71	6805	10.7	
* 151 TBA-d9 (IS)	65	2.628	2.635	-0.007	67	128855	1000.0	
42 cis-1,2-Dichloroethene	96	3.323	3.320	0.003	84	11772	3.43	
47 Chloroform	83	3.554	3.551	0.003	73	2800	0.5494	
$ 152 Dibromofluoromethane (Surr)	113	3.702	3.699	0.003	89	87119	44.9	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.146	4.146	0.0	94	80931	47.9	
* 59 Fluorobenzene	96	4.409	4.410	-0.001	87	441482	50.0	
61 Trichloroethene	95	4.570	4.570	0.0	86	74616	24.3	
* 150 1,4-Dioxane-d8	96	5.380	5.377	0.003	1	9951	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.075	6.075	0.0	90	406733	45.3	
77 Toluene	91	6.136	6.133	0.003	70	3901	0.2946	
* 87 Chlorobenzene-d5	117	7.776	7.776	0.0	87	259796	50.0	
$ 99 4-Bromofluorobenzene	174	8.856	8.856	0.0	75	86035	46.9	
* 116 1,4-Dichlorobenzene-d4	152	9.721	9.721	0.0	88	124728	50.0	
117 1,4-Dichlorobenzene	146	9.731	9.734	-0.003	26	1218	0.2201	
124 1,2,4-Trichlorobenzene	180	11.091	11.091	0.0	78	5253	1.47	
128 1,2,3-Trichlorobenzene	180	11.448	11.448	0.0	56	2704	0.8983	M

QC Flag Legend

Review Flags
M - Manually Integrated

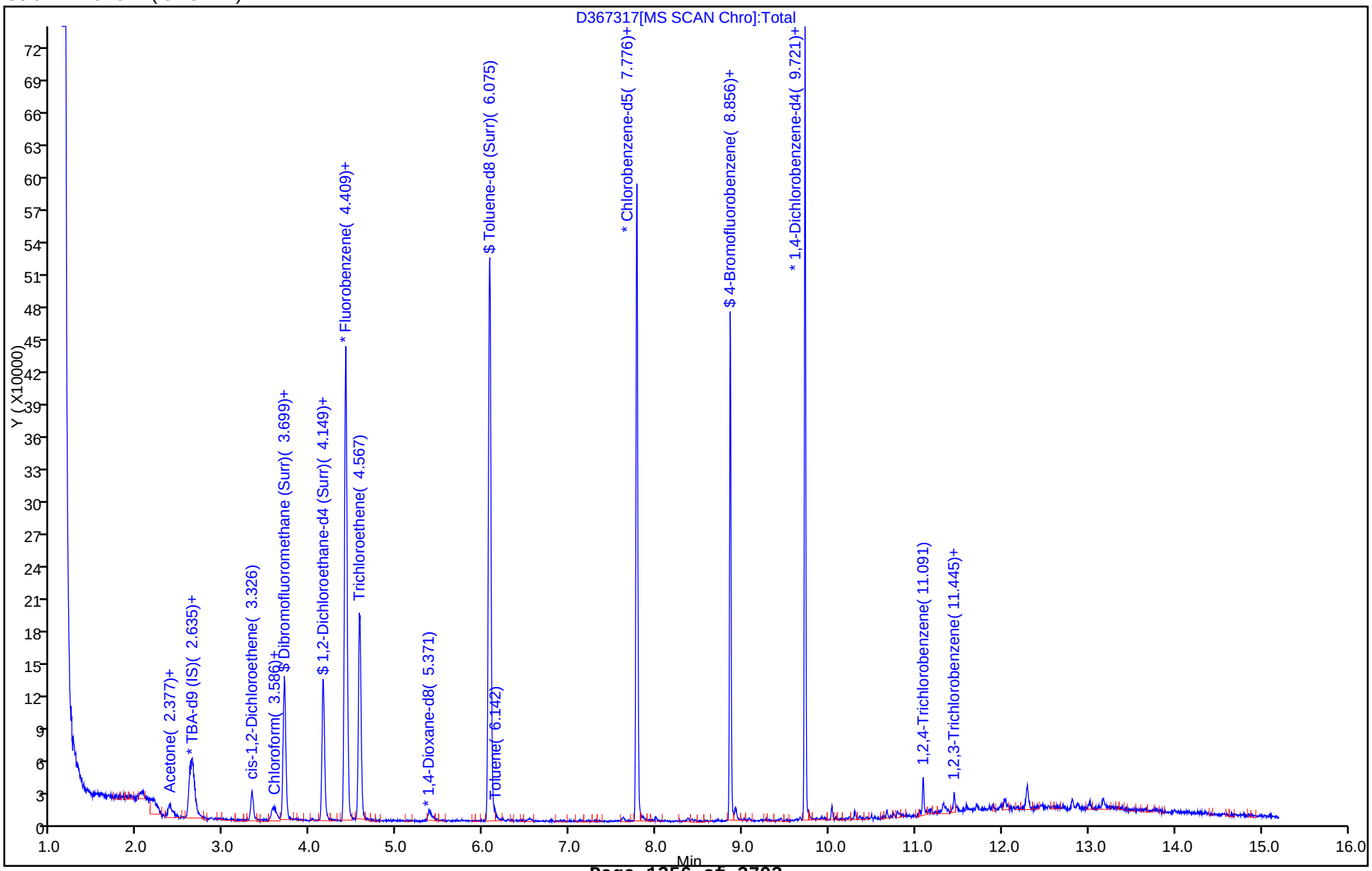
Report Date: 15-Mar-2014 14:08:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367317.D

Injection Date:	13-Mar-2014 22:28:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-C-34-A	Lab Sample ID:	460-72174-34	Worklist Smp#:	10
Client ID:	PMP-9SW-VD				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



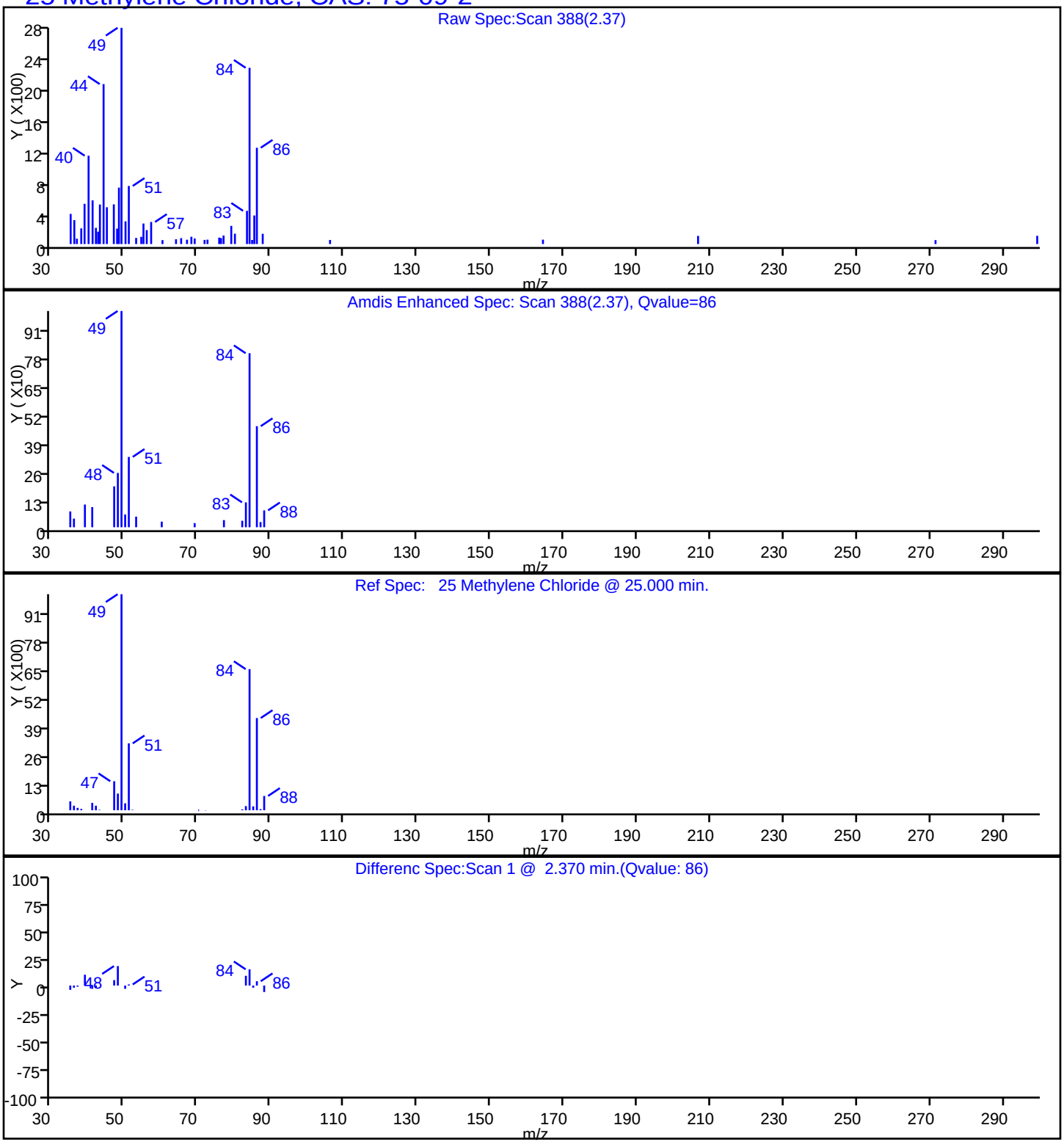
Report Date: 15-Mar-2014 14:08:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367317.D

Injection Date:	13-Mar-2014 22:28:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-34-A	Lab Sample ID:	460-72174-34		
Client ID:	PMP-9SW-VD				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

25 Methylene Chloride, CAS: 75-09-2



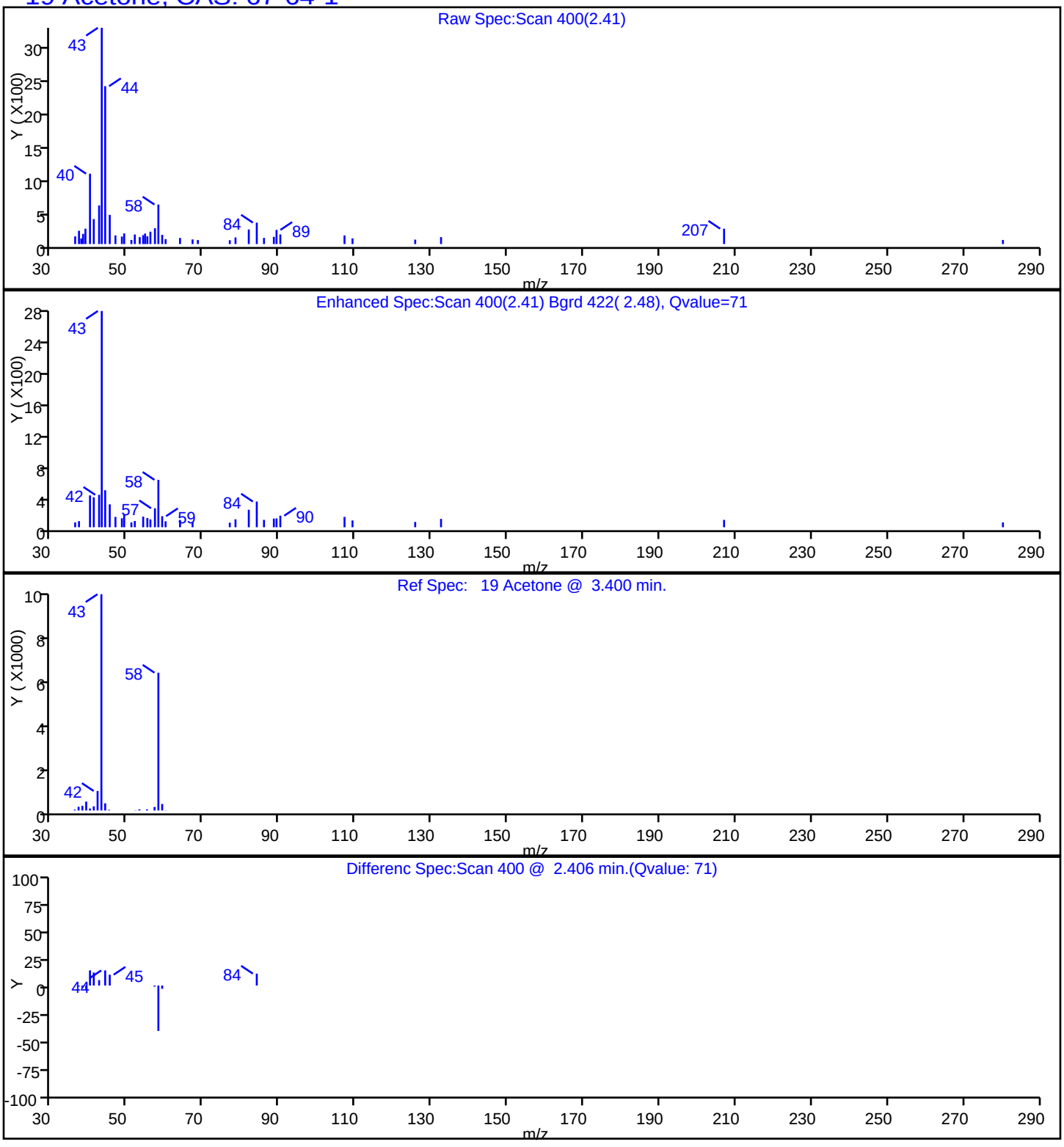
Report Date: 15-Mar-2014 14:08:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367317.D

Injection Date:	13-Mar-2014 22:28:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-34-A	Lab Sample ID:	460-72174-34		
Client ID:	PMP-9SW-VD				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

19 Acetone, CAS: 67-64-1



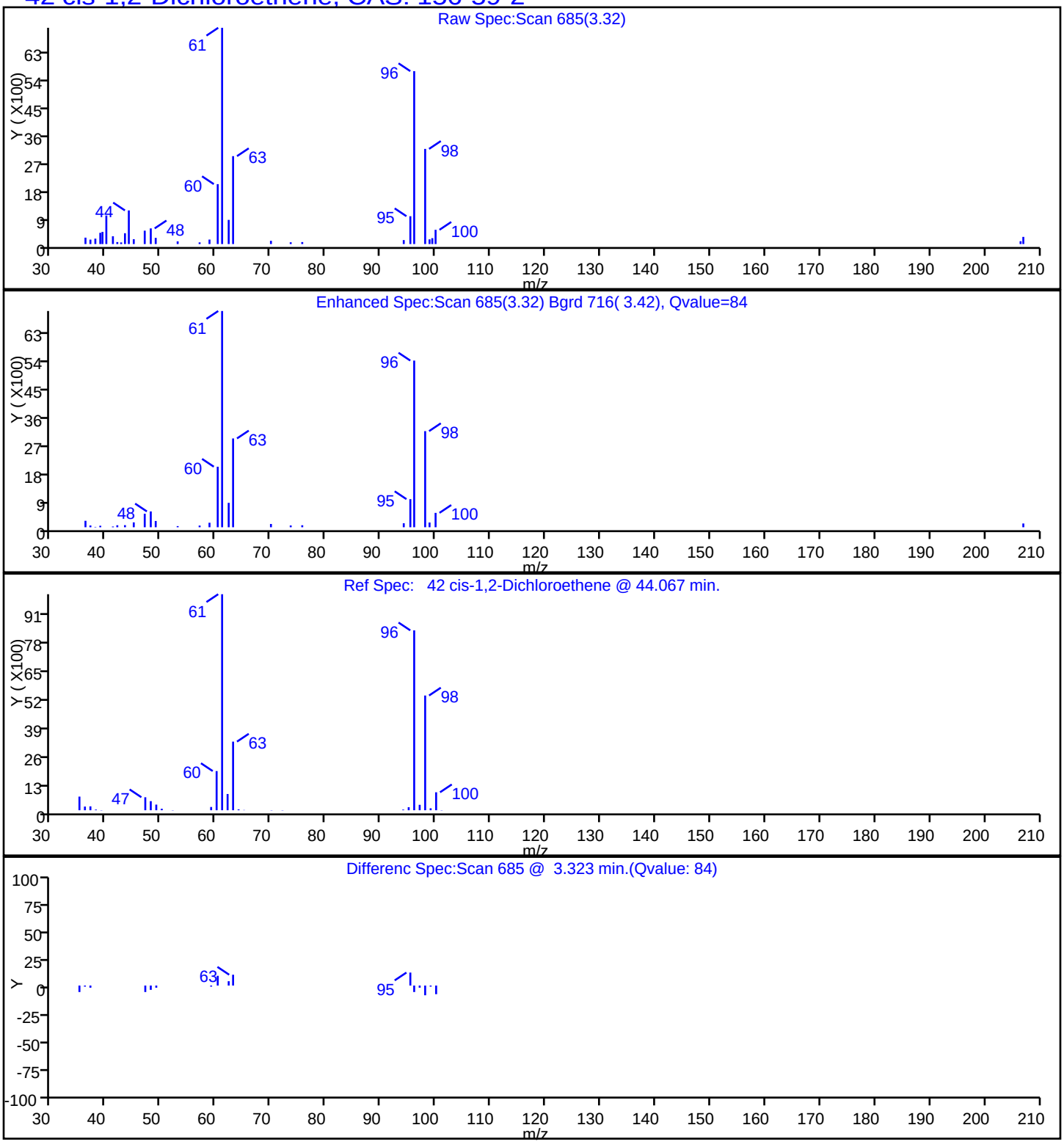
Report Date: 15-Mar-2014 14:08:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367317.D

Injection Date:	13-Mar-2014 22:28:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-34-A	Lab Sample ID:	460-72174-34		
Client ID:	PMP-9SW-VD				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

42 cis-1,2-Dichloroethene, CAS: 156-59-2



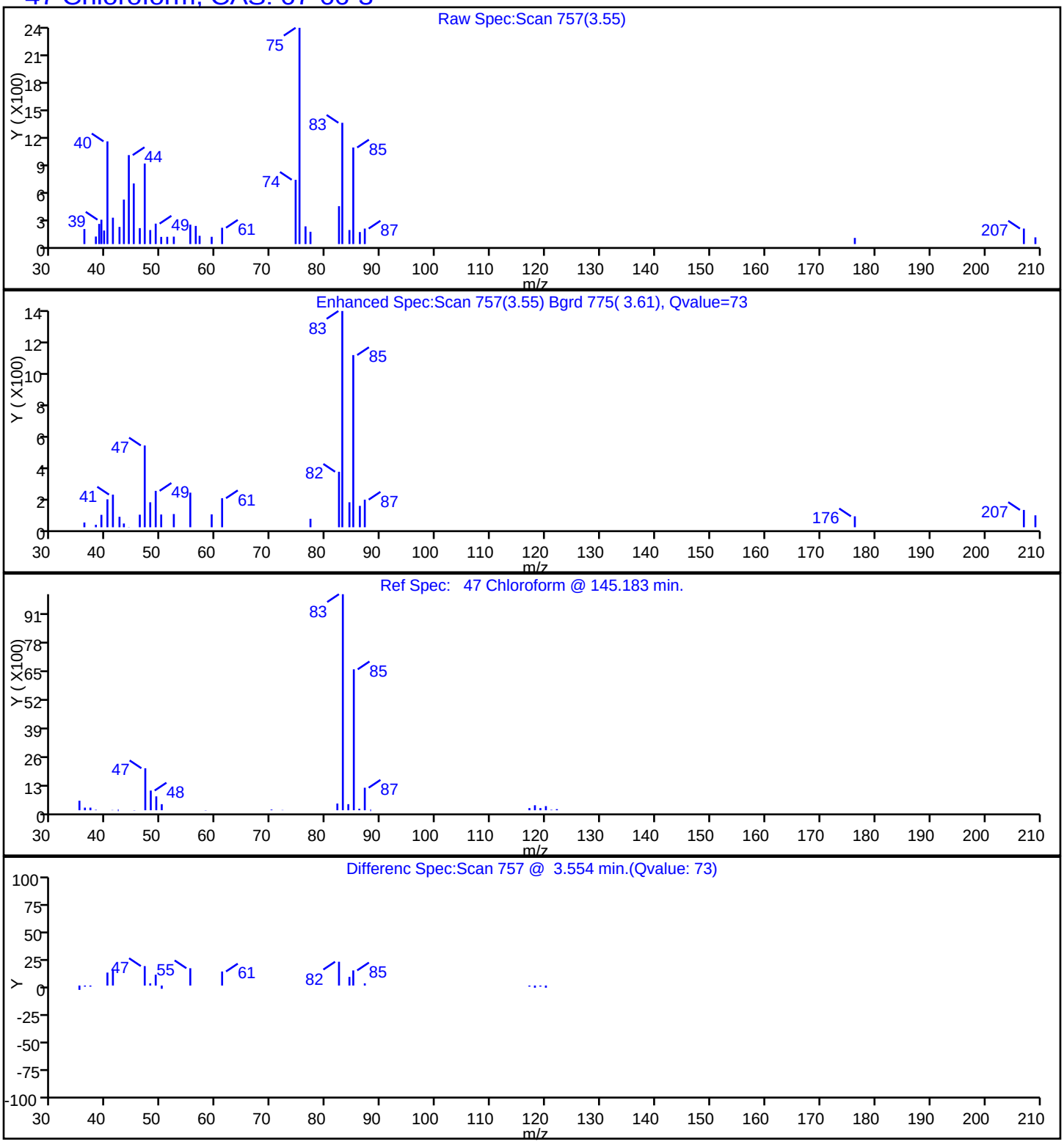
Report Date: 15-Mar-2014 14:08:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367317.D

Injection Date:	13-Mar-2014 22:28:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-34-A	Lab Sample ID:	460-72174-34		
Client ID:	PMP-9SW-VD				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

47 Chloroform, CAS: 67-66-3

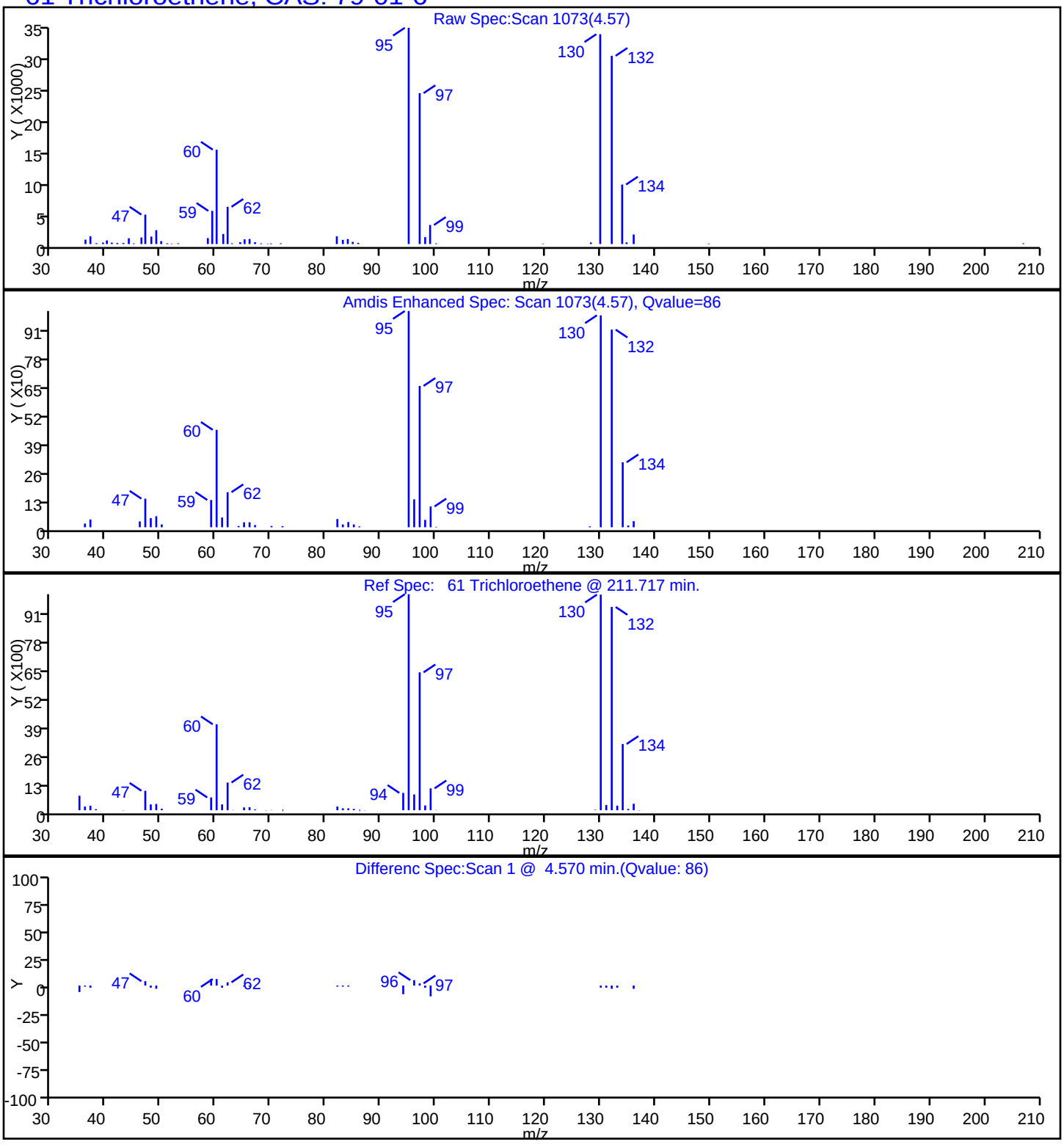


Report Date: 15-Mar-2014 14:08:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367317.D		
Injection Date:	13-Mar-2014 22:28:30	Instrument ID:	CVOAMS4
Lims ID:	460-72174-C-34-A	Lab Sample ID:	460-72174-34
Client ID:	PMP-9SW-VD		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

61 Trichloroethene, CAS: 79-01-6



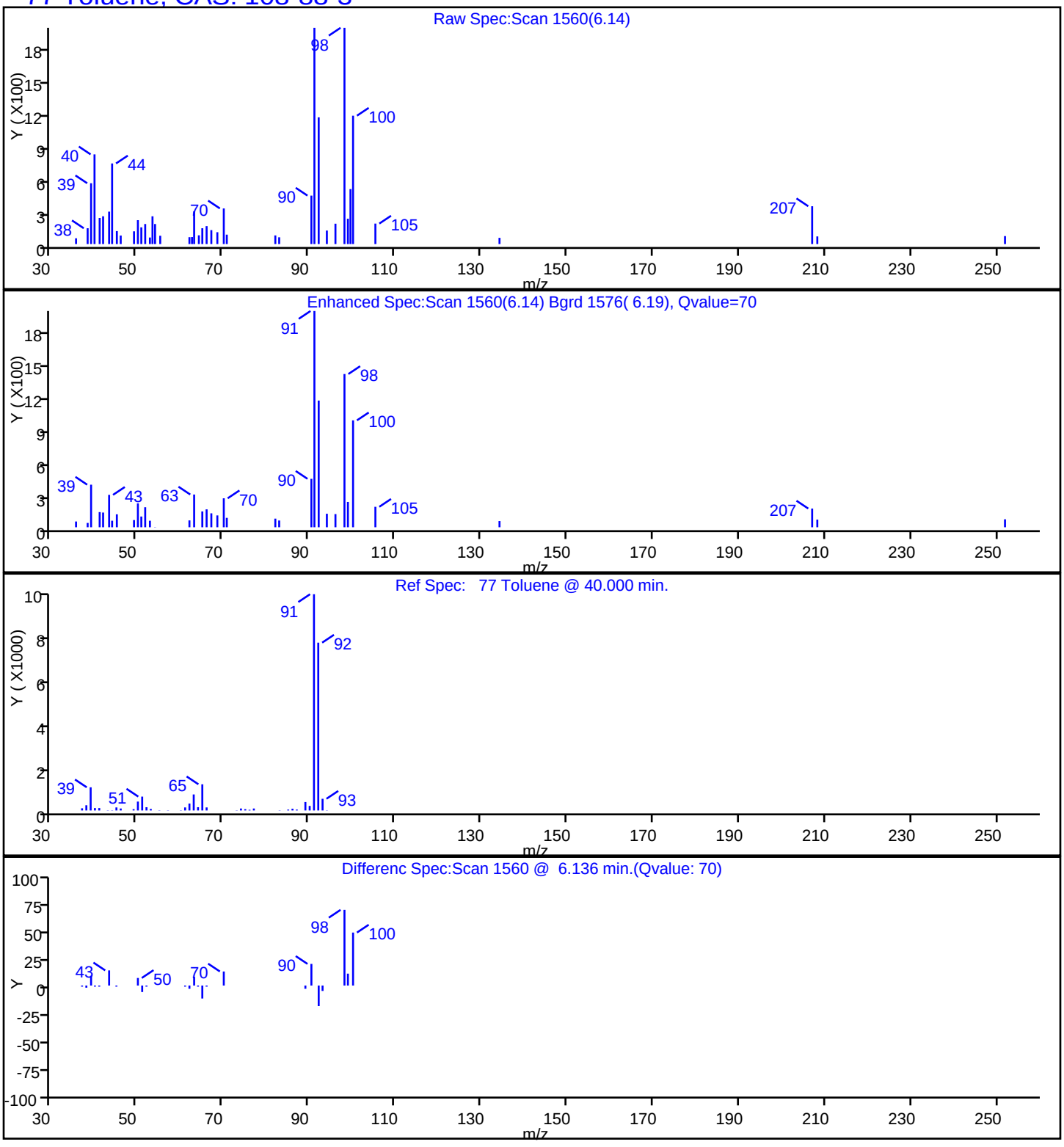
Report Date: 15-Mar-2014 14:08:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367317.D

Injection Date:	13-Mar-2014 22:28:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-34-A	Lab Sample ID:	460-72174-34		
Client ID:	PMP-9SW-VD				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

77 Toluene, CAS: 108-88-3

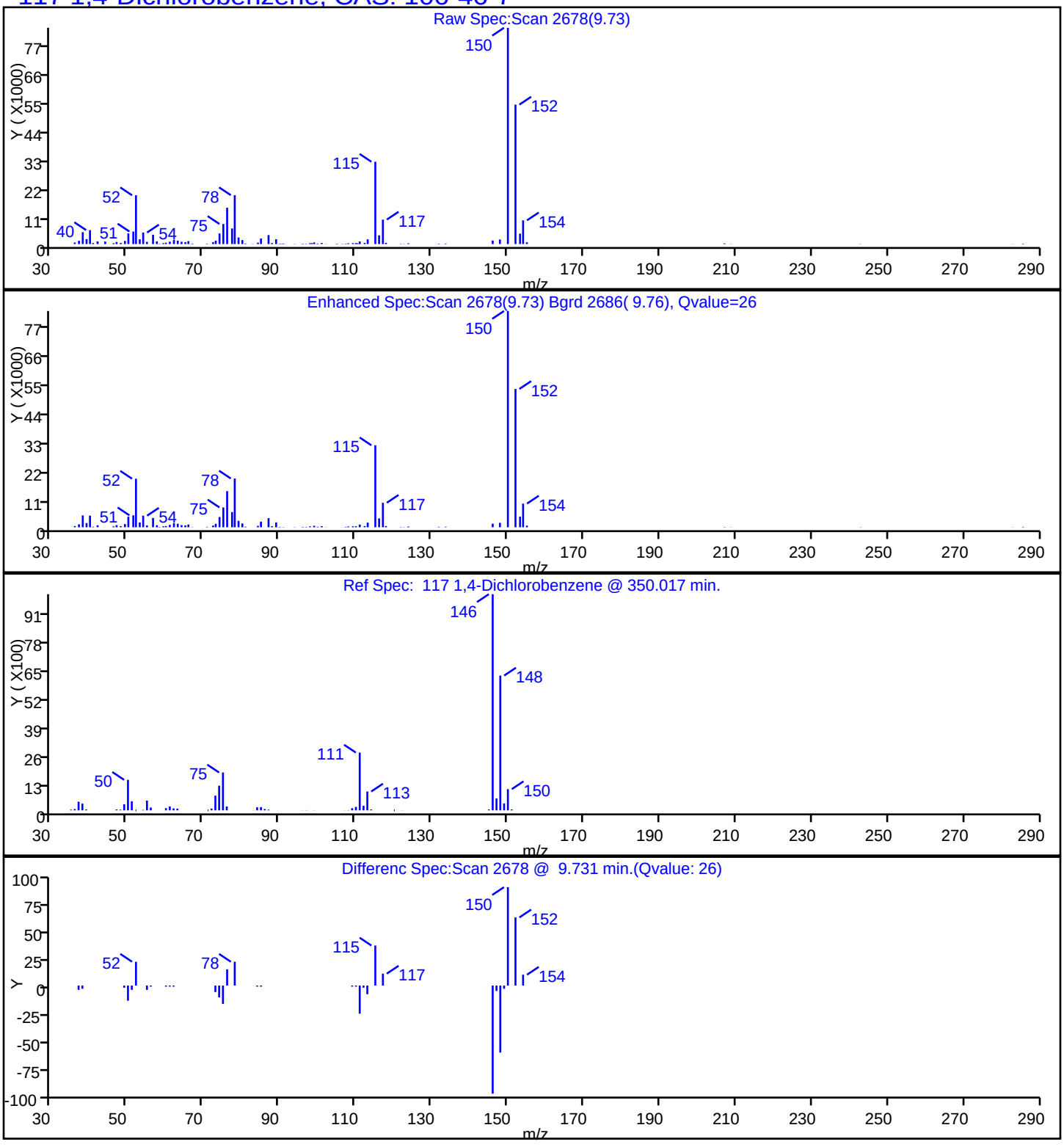


Report Date: 15-Mar-2014 14:08:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367317.D				
Injection Date:	13-Mar-2014 22:28:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-34-A	Lab Sample ID:	460-72174-34		
Client ID:	PMP-9SW-VD				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

117 1,4-Dichlorobenzene, CAS: 106-46-7



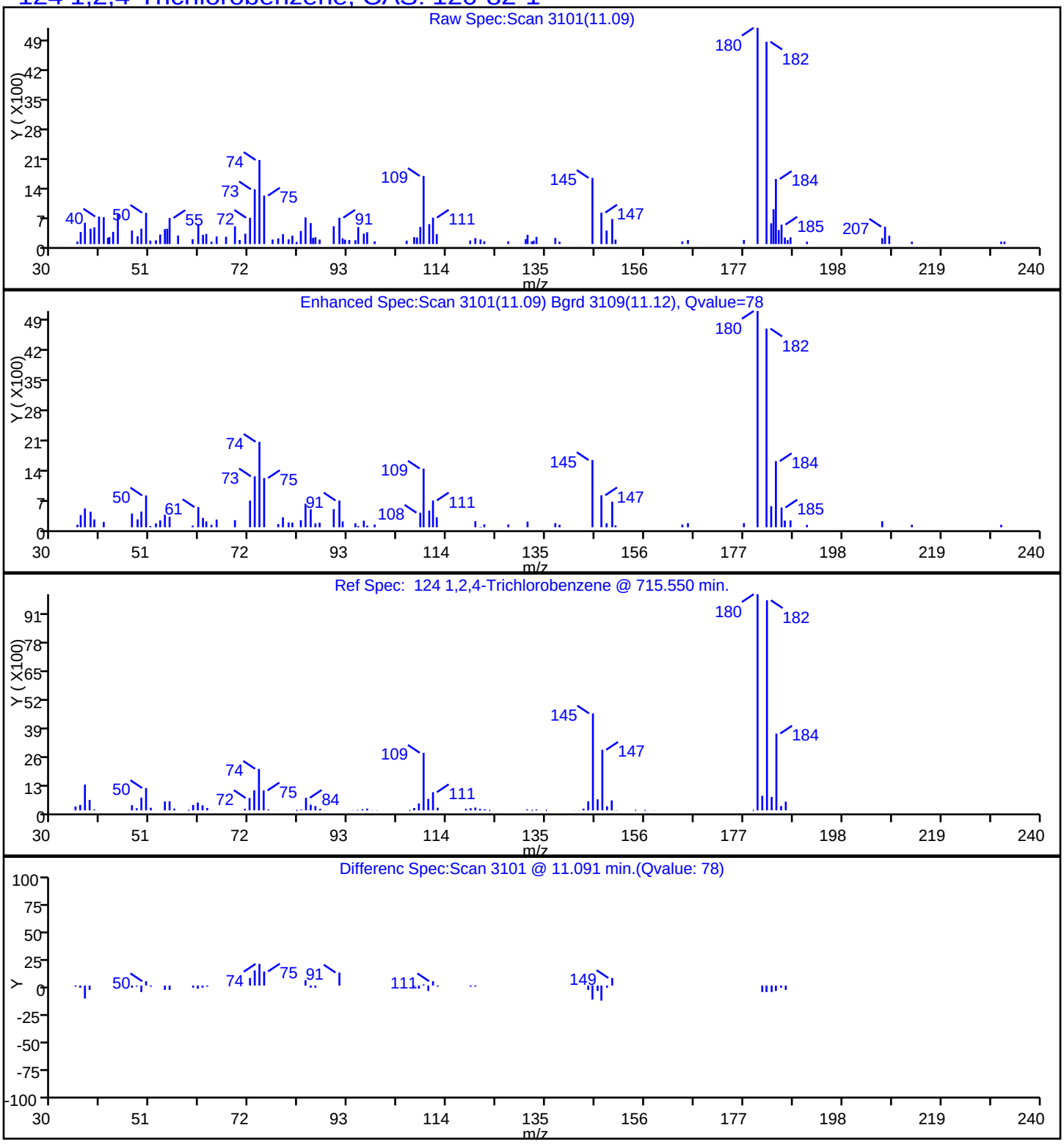
Report Date: 15-Mar-2014 14:08:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367317.D

Injection Date:	13-Mar-2014 22:28:30	Instrument ID:	CVOAMS4
Lims ID:	460-72174-C-34-A	Lab Sample ID:	460-72174-34
Client ID:	PMP-9SW-VD		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

124 1,2,4-Trichlorobenzene, CAS: 120-82-1

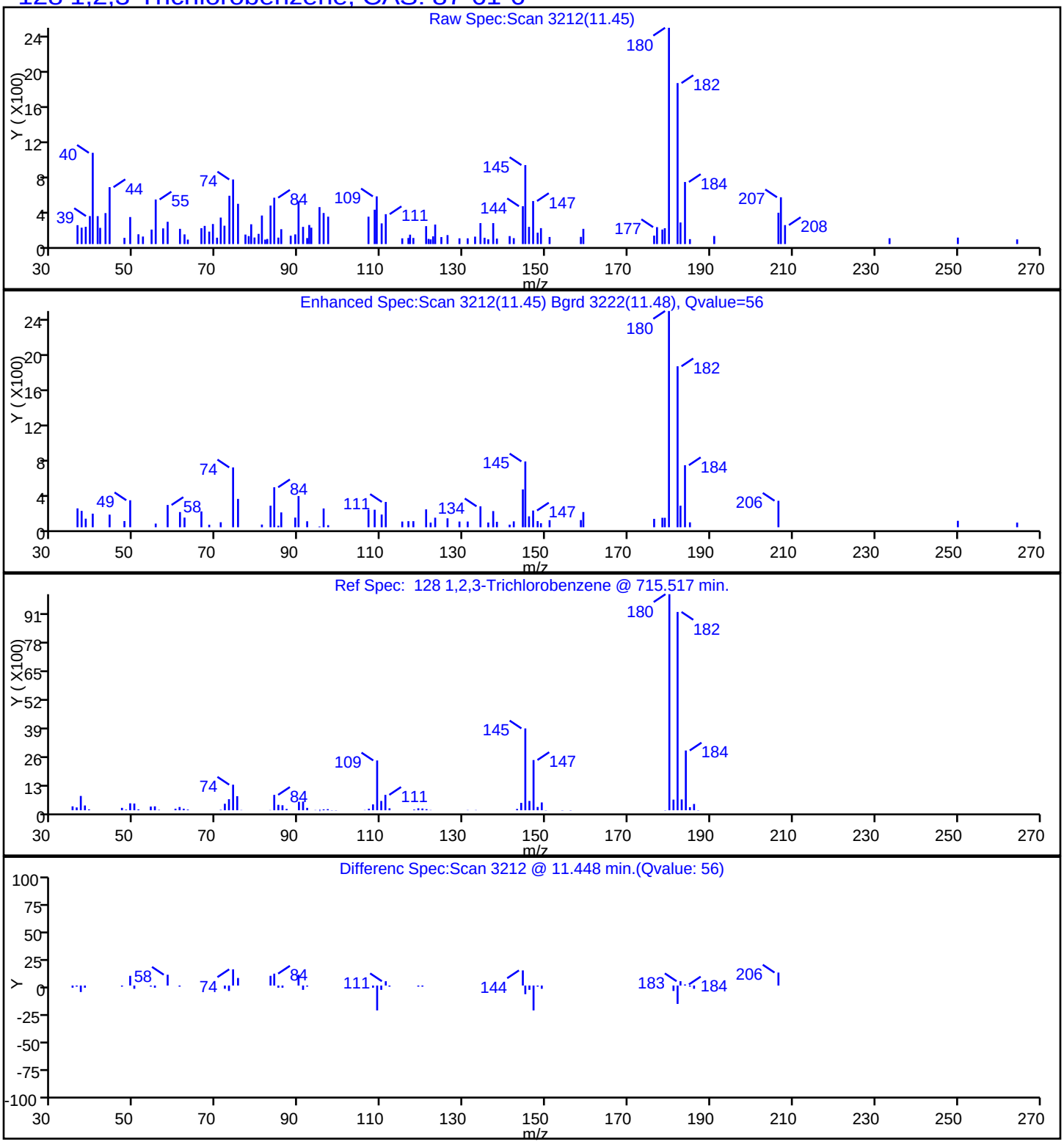


Report Date: 15-Mar-2014 14:08:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367317.D				
Injection Date:	13-Mar-2014 22:28:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-34-A	Lab Sample ID:	460-72174-34		
Client ID:	PMP-9SW-VD				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



Manual Integration/User Assign Peak Report

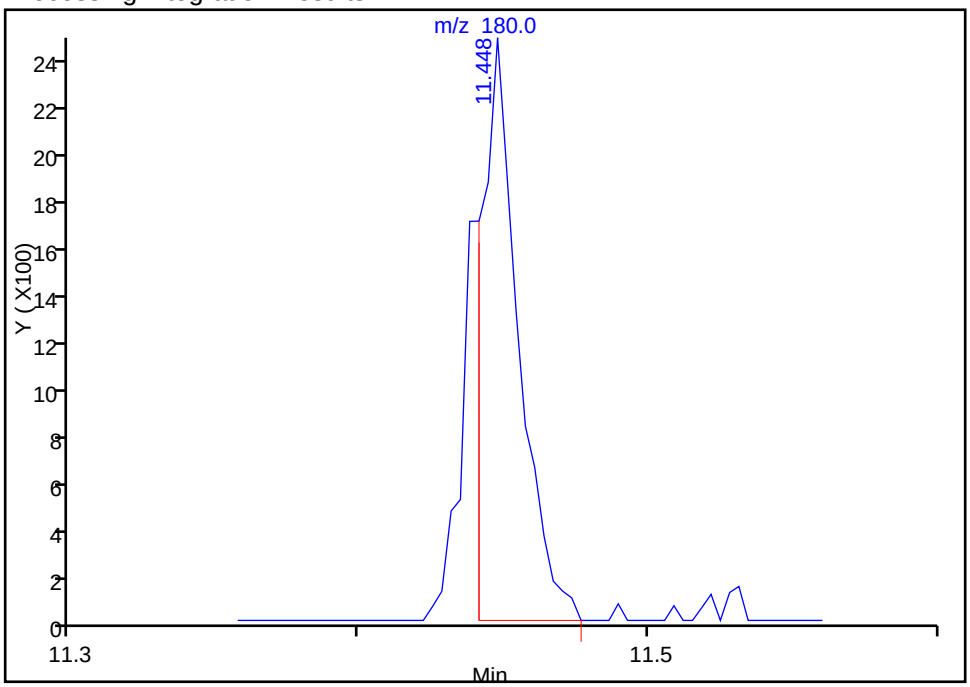
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367317.D				
Injection Date:	13-Mar-2014 22:28:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-34-A	Lab Sample ID:	460-72174-34		
Client ID:	PMP-9SW-VD				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6

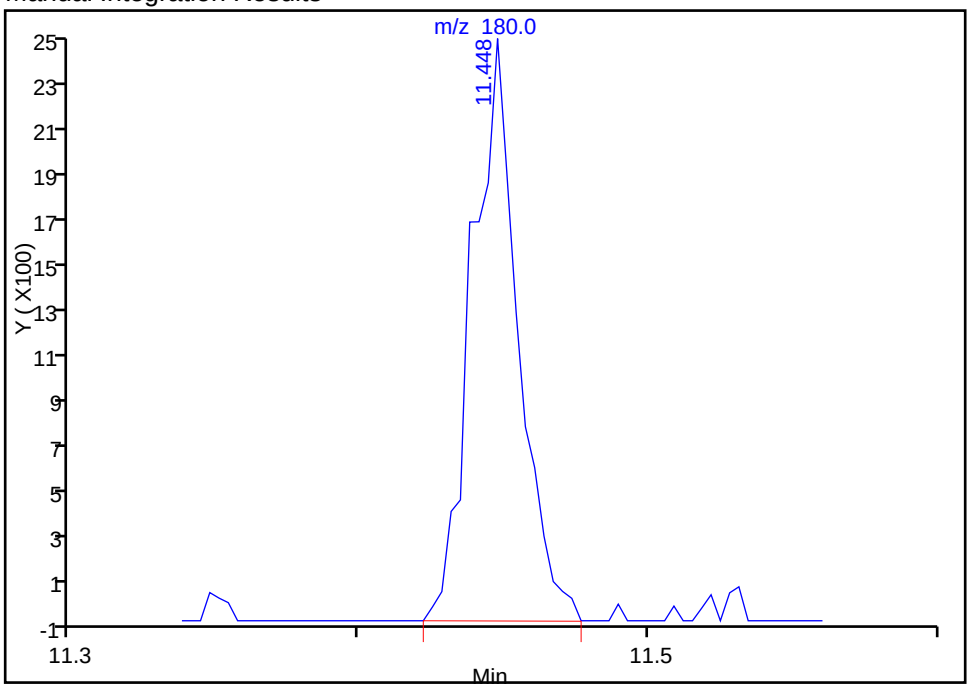
Processing Integration Results

RT: 11.45
Response: 2162
Amount: 0.718268



Manual Integration Results

RT: 11.45
Response: 2704
Amount: 0.898334



Reviewer: baronm, 15-Mar-2014 14:08:32
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-WT Lab Sample ID: 460-72174-35

Matrix: Solid Lab File ID: J09957.D

Analysis Method: 8260B Date Collected: 03/06/2014 14:45

Sample wt/vol: 7.339(g) Date Analyzed: 03/13/2014 18:42

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.4 Level: (low/med) Medium

Analysis Batch No.: 212315 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	7.4	U	77	7.4
74-83-9	Bromomethane	14	U	77	14
75-01-4	Vinyl chloride	11	U	77	11
75-00-3	Chloroethane	13	U	77	13
75-09-2	Methylene Chloride	14	U	77	14
67-64-1	Acetone	210	U	380	210
75-15-0	Carbon disulfide	9.6	U	77	9.6
75-69-4	Trichlorofluoromethane	11	U	77	11
75-35-4	1,1-Dichloroethene	6.8	U	77	6.8
75-34-3	1,1-Dichloroethane	10	U	77	10
156-60-5	trans-1,2-Dichloroethene	9.9	U	77	9.9
156-59-2	cis-1,2-Dichloroethene	14	U	77	14
67-66-3	Chloroform	6.0	U	77	6.0
78-93-3	2-Butanone	180	U	380	180
107-06-2	1,2-Dichloroethane	15	U	77	15
71-55-6	1,1,1-Trichloroethane	4.8	U	77	4.8
56-23-5	Carbon tetrachloride	4.4	U	77	4.4
71-43-2	Benzene	6.4	U	77	6.4
75-25-2	Bromoform	15	U	77	15
100-42-5	Styrene	9.1	U	77	9.1
100-41-4	Ethylbenzene	7.4	U	77	7.4
108-90-7	Chlorobenzene	8.5	U	77	8.5
110-82-7	Cyclohexane	12	U	77	12
98-82-8	Isopropylbenzene	5.9	U	77	5.9
591-78-6	2-Hexanone	38	U *	380	38
1634-04-4	MTBE	11	U	77	11
76-13-1	Freon TF	6.3	U	77	6.3
79-20-9	Methyl acetate	26	U	380	26
123-91-1	1,4-Dioxane	2800	U	3800	2800
79-01-6	Trichloroethene	7.1	U	77	7.1
108-88-3	Toluene	11	U	77	11
10061-02-6	trans-1,3-Dichloropropene	19	U	77	19
108-10-1	4-Methyl-2-pentanone	76	U	380	76
10061-01-5	cis-1,3-Dichloropropene	14	U	77	14
95-50-1	1,2-Dichlorobenzene	16	U	77	16
541-73-1	1,3-Dichlorobenzene	10	U	77	10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-WT | Lab Sample ID: 460-72174-35

Matrix: Solid | Lab File ID: J09957.D

Analysis Method: 8260B | Date Collected: 03/06/2014 14:45

Sample wt/vol: 7.339(g) | Date Analyzed: 03/13/2014 18:42

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.4 | Level: (low/med) Medium

Analysis Batch No.: 212315 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18	U	77	18
120-82-1	1,2,4-Trichlorobenzene	1600		77	26
87-61-6	1,2,3-Trichlorobenzene	420		77	39
78-87-5	1,2-Dichloropropane	6.6	U	77	6.6
108-87-2	Methylcyclohexane	10	U	77	10
127-18-4	Tetrachloroethene	7.5	U	77	7.5
1330-20-7	Xylenes, Total	210		150	28
96-12-8	1,2-Dibromo-3-Chloropropane	31	U	77	31
79-34-5	1,1,2,2-Tetrachloroethane	12	U	77	12
79-00-5	1,1,2-Trichloroethane	14	U	77	14
124-48-1	Dibromochloromethane	15	U	77	15
106-93-4	1,2-Dibromoethane	21	U	77	21
75-71-8	Dichlorodifluoromethane	17	U	77	17
74-97-5	Bromochloromethane	21	U	77	21
75-27-4	Bromodichloromethane	9.6	U	77	9.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		75-135
2037-26-5	Toluene-d8 (Surr)	81		59-150
460-00-4	Bromofluorobenzene	81		72-133
1868-53-7	Dibromofluoromethane (Surr)	78		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-WT Lab Sample ID: 460-72174-35

Matrix: Solid Lab File ID: J09957.D

Analysis Method: 8260B Date Collected: 03/06/2014 14:45

Sample wt/vol: 7.339(g) Date Analyzed: 03/13/2014 18:42

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.4 Level: (low/med) Medium

Analysis Batch No.: 212315 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 45800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	11.16	4400	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.48	4300	J N
934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	11.67	4200	J N
76089-59-3	1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	11.92	6900	J N
3277-26-7	Disiloxane, 1,1,3,3-tetramethyl-	12.13	3700	J N
56253-64-6	Benzene, (2-methyl-1-butenyl)-	12.22	5200	J N
2809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-methyl	12.73	3700	J N
1680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-methyl	12.98	4000	J N
13065-07-1	Naphthalene, 1,2,3,4-tetrahydro-2,7-dime	13.10	4400	J N
91-57-6	Naphthalene, 2-methyl-	13.18	5000	J N

Report Date: 14-Mar-2014 15:44:18 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09957.D
Lims ID: 460-72174-A-35-A Lab Sample ID: 460-72174-35
Client ID: PMP-9SW-WT
Sample Type: Client
Inject. Date: 13-Mar-2014 18:42:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-72174-A-35-A
Misc. Info.: 460-0010809-023
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 15:44:17 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: boykink Date: 14-Mar-2014 04:49:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	3.197	3.180	0.017	43	431937	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	4.730	4.731	-0.001	91	167768	39.0	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.083	5.084	-0.001	89	247882	42.1	
* 59 Fluorobenzene	96	5.353	5.354	-0.001	97	783229	50.0	
* 150 1,4-Dioxane-d8	96	6.064	6.053	0.011	71	53855	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.027	7.029	-0.002	98	671583	40.7	
* 87 Chlorobenzene-d5	117	8.819	8.821	-0.002	85	671604	50.0	
92 o-Xylene	106	9.560	9.561	-0.001	78	17511	2.71	
$ 99 4-Bromofluorobenzene	174	10.083	10.084	-0.001	85	233915	40.6	
* 116 1,4-Dichlorobenzene-d4	152	10.958	10.959	-0.001	95	405989	50.0	
124 1,2,4-Trichlorobenzene	180	12.192	12.193	-0.001	77	117926	21.3	
128 1,2,3-Trichlorobenzene	180	12.527	12.528	-0.001	54	27498	5.42	
S 131 Xylenes, Total	100				0		2.71	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09957.D				
Lims ID:	460-72174-A-35-A	Lab Sample ID:	460-72174-35		
Client ID:	PMP-9SW-WT				
Sample Type:	Client				
Inject. Date:	13-Mar-2014 18:42:30	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Sample Info:	460-72174-A-35-A				
Misc. Info.:	460-0010809-023				
Operator ID:		Instrument ID:	CVOAMS8		
Method:	\\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\8260_W8.m				
Limit Group:	VOA - 8260B Water and Solid				
Last Update:	14-Mar-2014 15:44:17	Calib Date:	09-Mar-2014 13:34:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L				
Min. Match:	20				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK009				
First Level Reviewer: boykink		Date:	14-Mar-2014 04:49:21		

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
1758-88-9 Benzene, 2-ethyl-1,4-dimethyl-								
11.164	2670409	57.6	116	96	14379	C10H14	134	
1595-16-0 Benzene, 1-methyl-4-(1-methylpropyl)-								
11.475	2611181	56.3	116	53	21844	C11H16	148	
934-80-5 Benzene, 4-ethyl-1,2-dimethyl-								
11.669	2557021	55.2	116	91	14377	C10H14	134	
76089-59-3 1,3-Cyclopentadiene, 1,2,3,4-tetramethyl								
11.922	4162043	89.8	116	90	14434	C10H14	134	
3277-26-7 Disiloxane, 1,1,3,3-tetramethyl-								
12.133	2226260	48.0	116	52	14459	C4H14OSi2	134	
56253-64-6 Benzene, (2-methyl-1-butenyl)-								
12.221	3112645	67.1	116	92	20721	C11H14	146	
2809-64-5 Naphthalene, 1,2,3,4-tetrahydro-5-methyl								
12.727	2210298	47.7	116	90	20756	C11H14	146	
1680-51-9 Naphthalene, 1,2,3,4-tetrahydro-6-methyl								
12.979	2425229	52.3	116	70	20765	C11H14	146	
13065-07-1 Naphthalene, 1,2,3,4-tetrahydro-2,7-dime								
13.103	2668368	57.6	116	95	29448	C12H16	160	
91-57-6 Naphthalene, 2-methyl-								
13.179	3017588	65.1	116	96	18501	C11H10	142	

Report Date: 14-Mar-2014 15:44:18 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09957.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.958	2318210	50.0

QC Flag Legend

Processing Flags

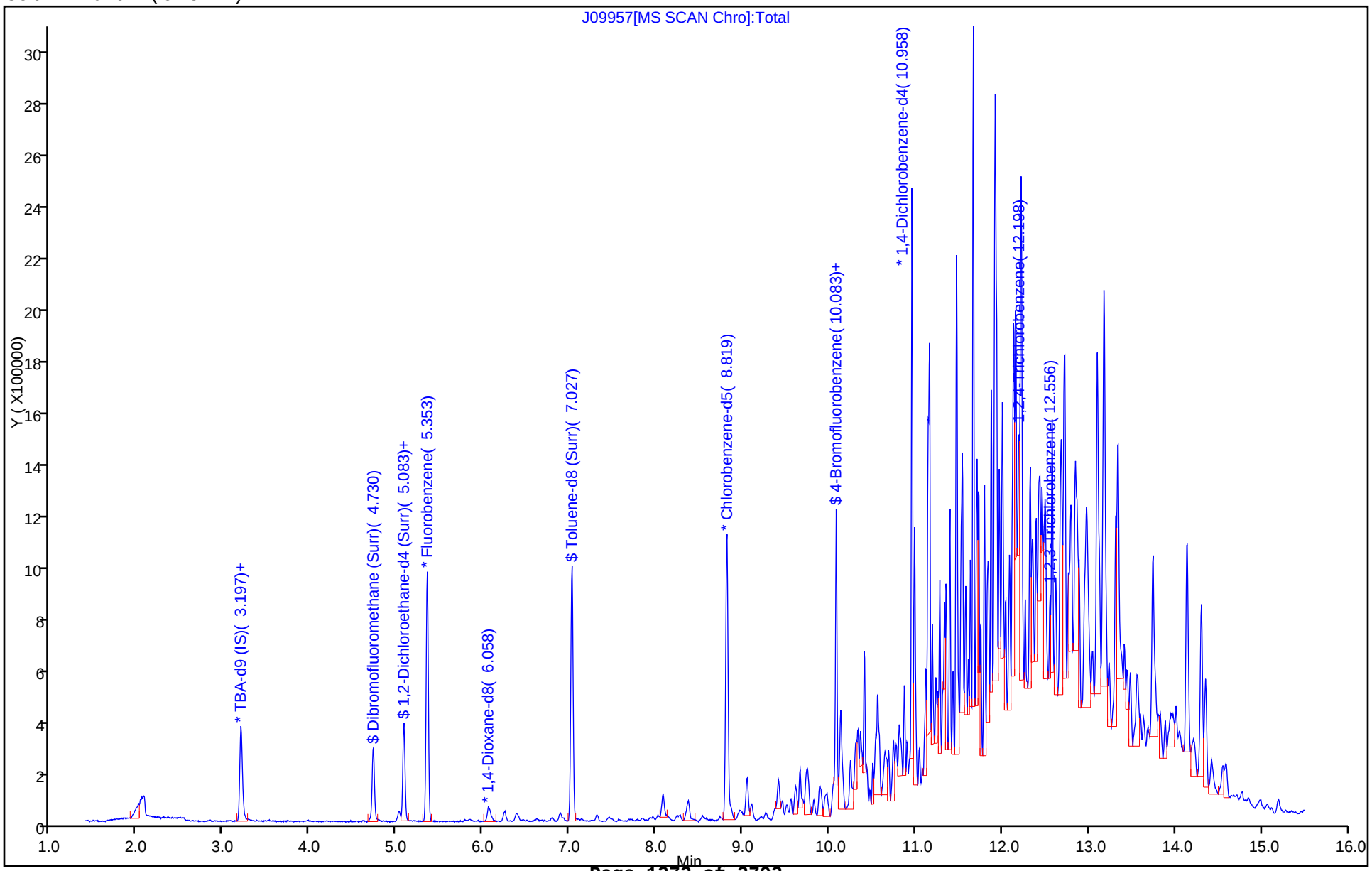
Report Date: 14-Mar-2014 15:44:18 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09957.D

Injection Date:	13-Mar-2014 18:42:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-72174-A-35-A	Lab Sample ID:	460-72174-35	Worklist Smp#:	23
Client ID:	PMP-9SW-WT				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	22
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



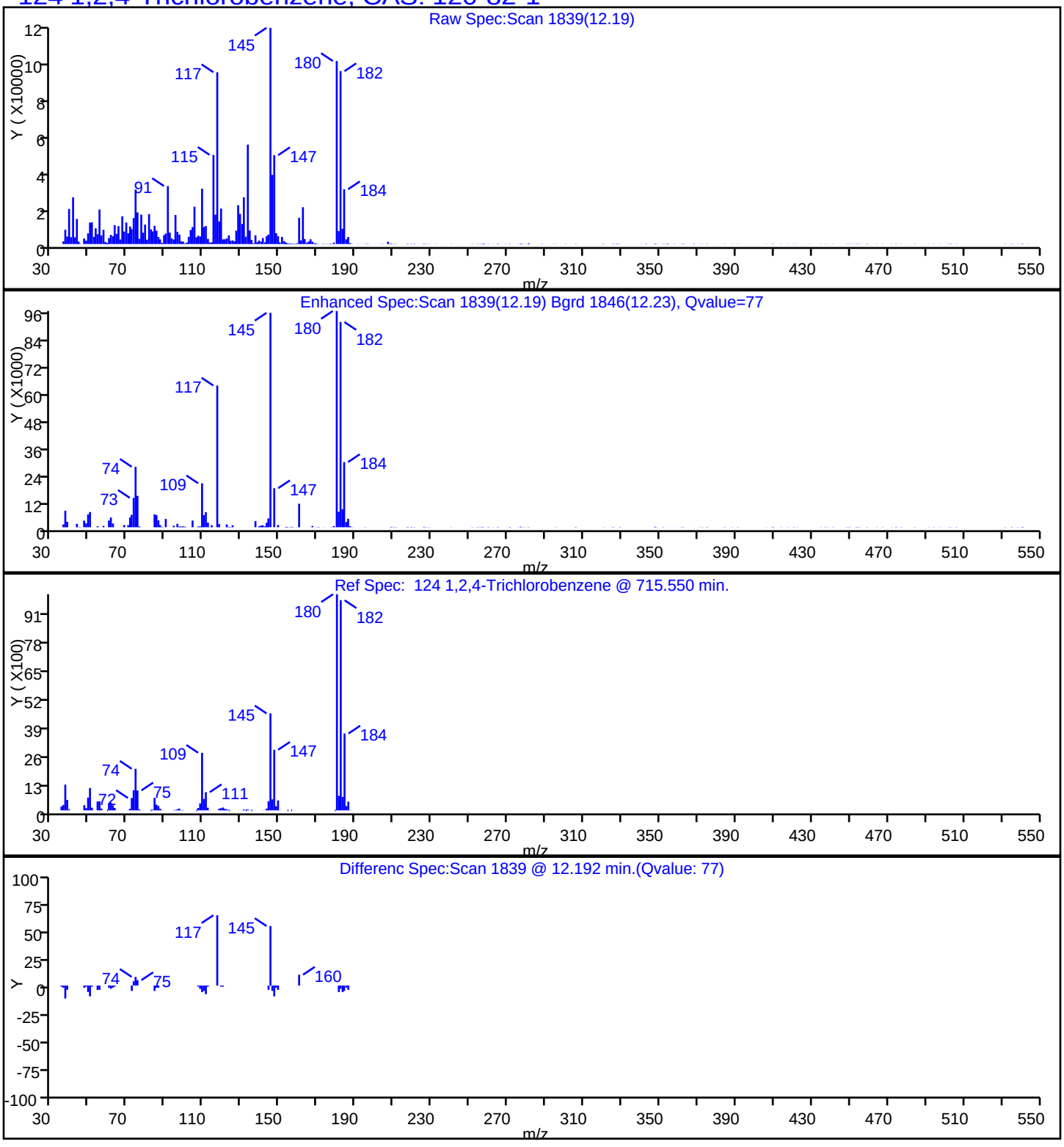
Report Date: 14-Mar-2014 15:44:18 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09957.D

Injection Date:	13-Mar-2014 18:42:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-35-A	Lab Sample ID:	460-72174-35		
Client ID:	PMP-9SW-WT				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



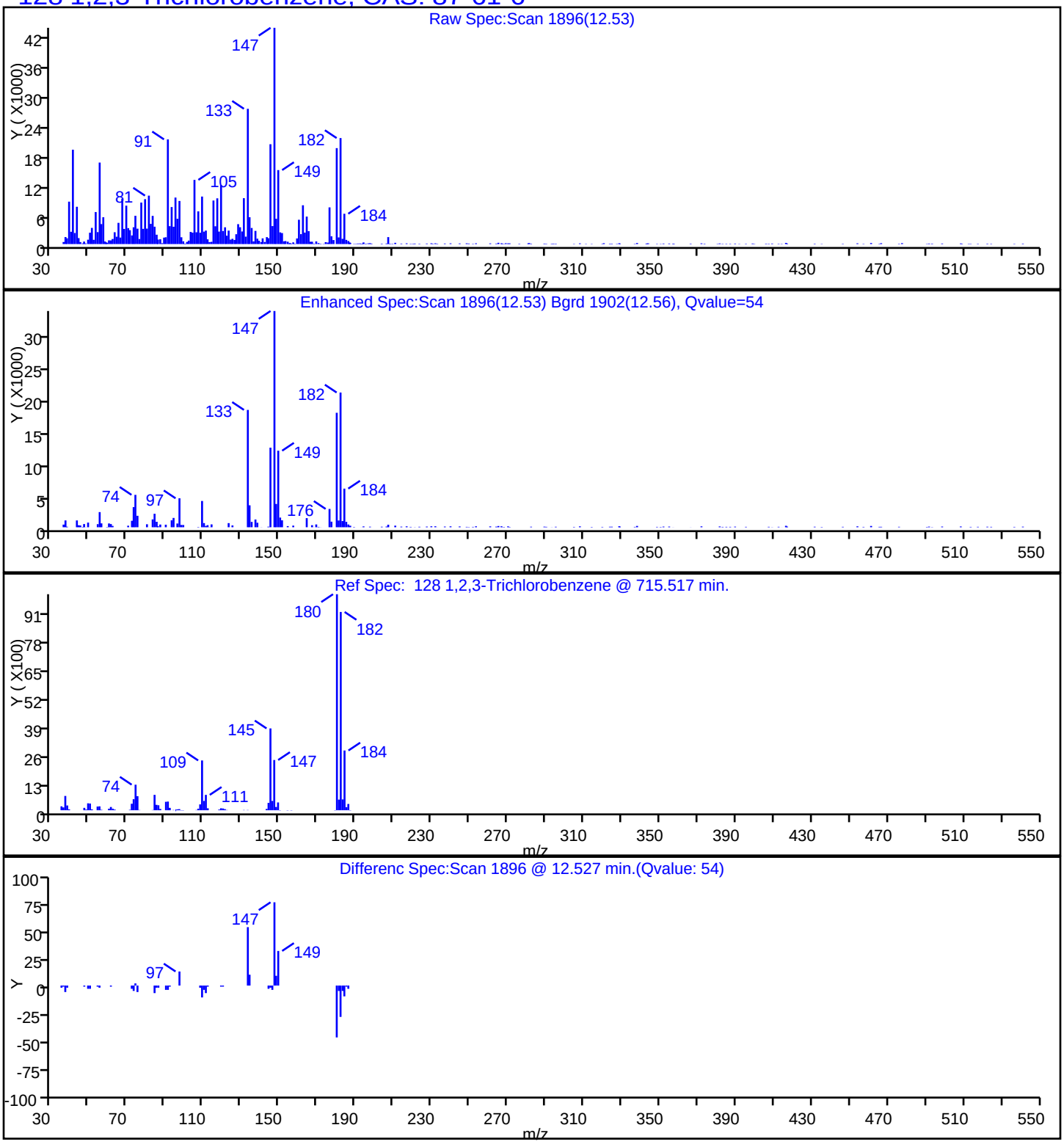
Report Date: 14-Mar-2014 15:44:18 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09957.D

Injection Date:	13-Mar-2014 18:42:30	Instrument ID:	CVOAMS8		
Lims ID:	460-72174-A-35-A	Lab Sample ID:	460-72174-35		
Client ID:	PMP-9SW-WT				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



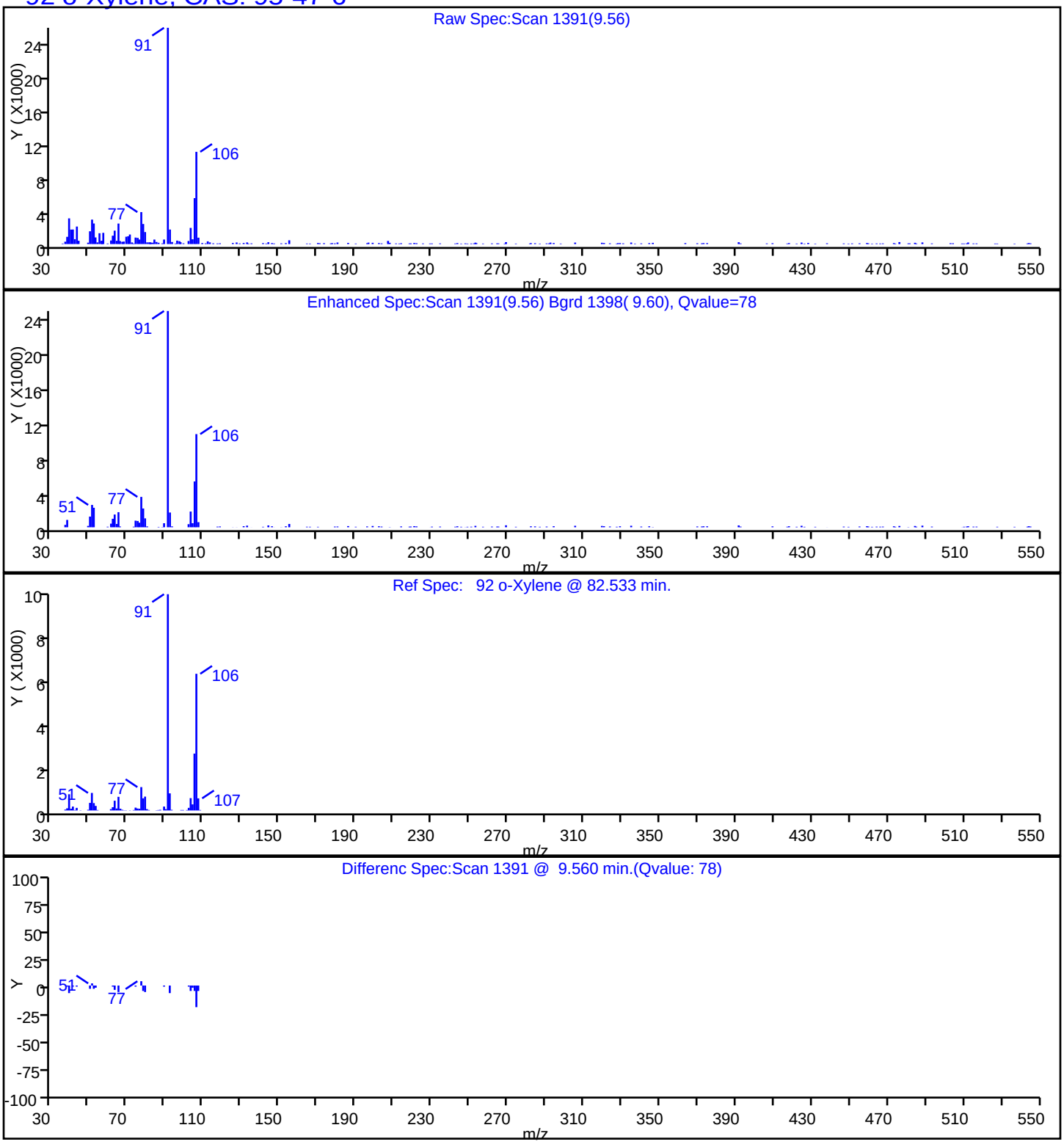
Report Date: 14-Mar-2014 15:44:18 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09957.D

Injection Date:	13-Mar-2014 18:42:30	Instrument ID:	CVOAMS8
Lims ID:	460-72174-A-35-A	Lab Sample ID:	460-72174-35
Client ID:	PMP-9SW-WT		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

92 o-Xylene, CAS: 95-47-6



Report Date: 14-Mar-2014 15:44:18 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09957.D

Injection Date: 13-Mar-2014 18:42:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-35-A Lab Sample ID: 460-72174-35

Client ID: PMP-9SW-WT

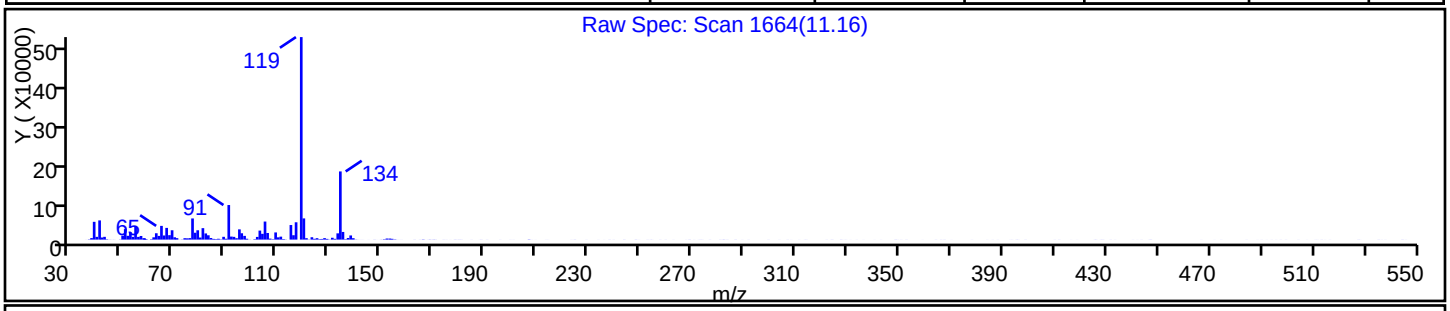
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23

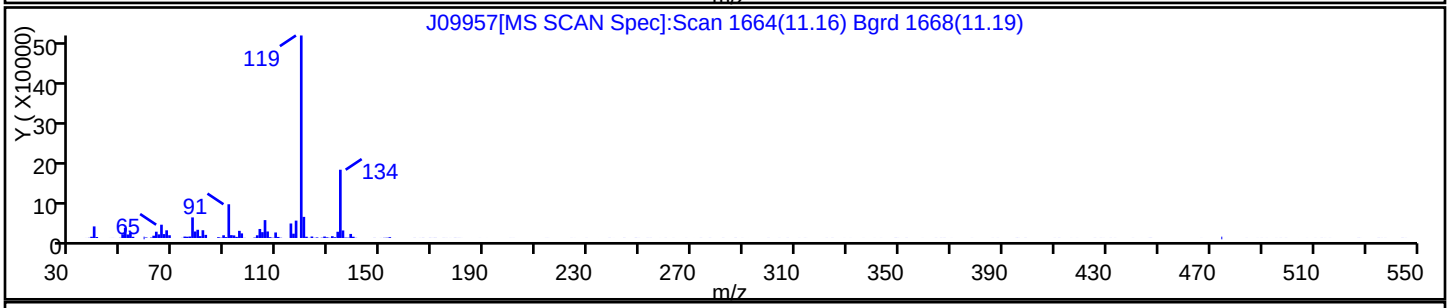
Purge Vol: 5.000 mL Dil. Factor: 50.0000

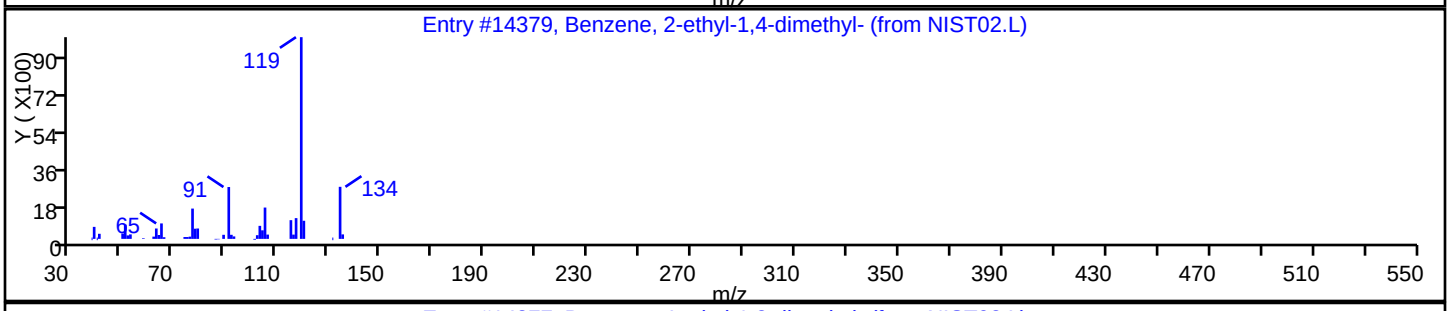
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

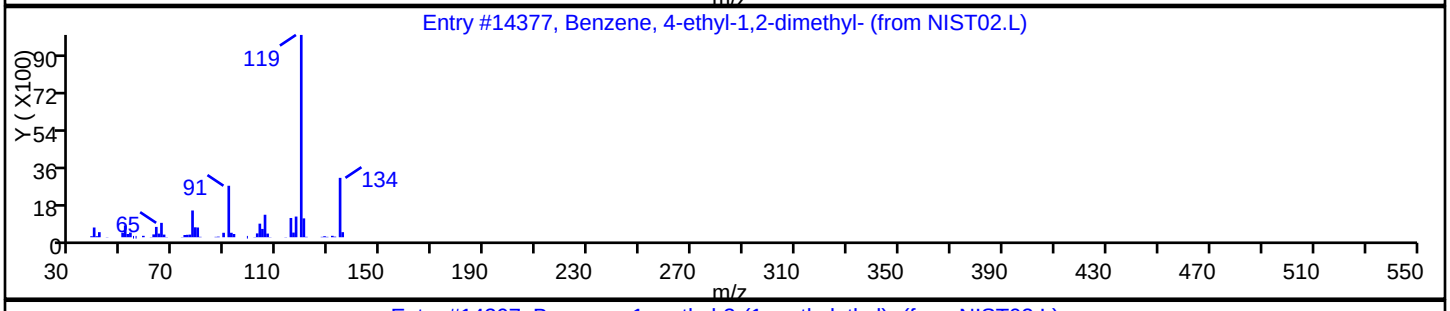
Column: Detector MS SCAN

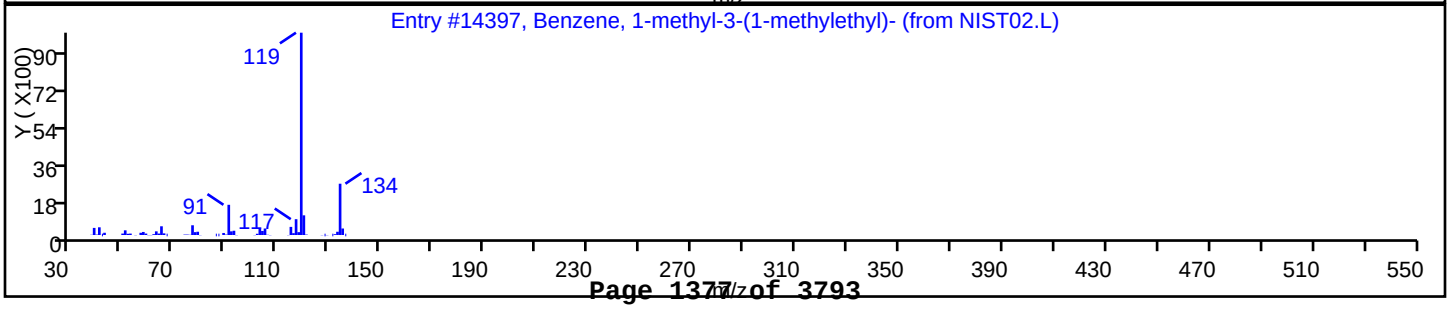
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.L	14379	C10H14	134	96
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.L	14377	C10H14	134	95
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NIST02.L	14397	C10H14	134	94











Report Date: 14-Mar-2014 15:44:18 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09957.D

Injection Date: 13-Mar-2014 18:42:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-35-A Lab Sample ID: 460-72174-35

Client ID: PMP-9SW-WT

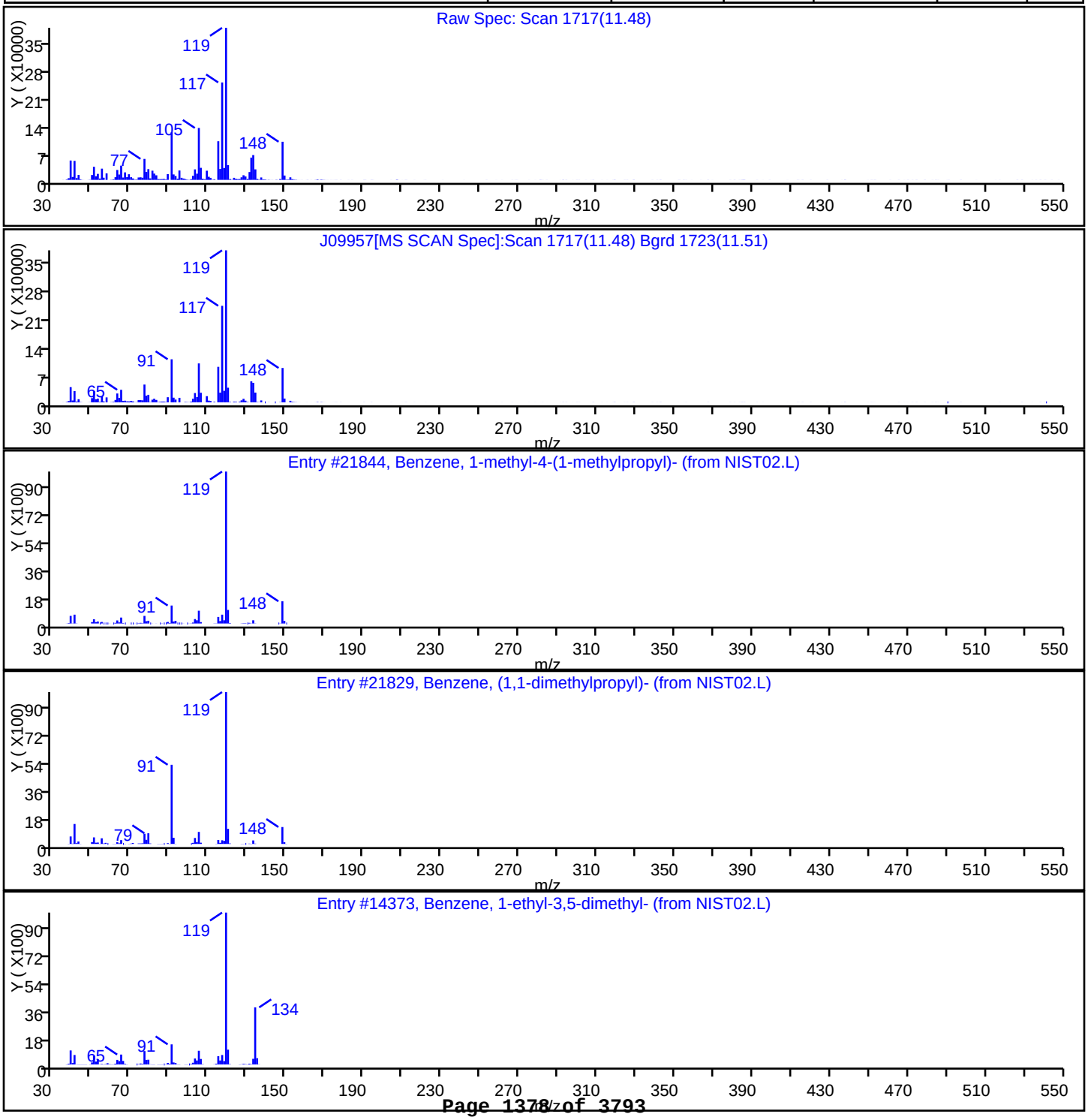
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	C11H16	148	53
Benzene, (1,1-dimethylpropyl)-	2049-95-8	NIST02.L	21829	C11H16	148	46
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.L	14373	C10H14	134	43



Report Date: 14-Mar-2014 15:44:18 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09957.D

Injection Date: 13-Mar-2014 18:42:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-35-A Lab Sample ID: 460-72174-35

Client ID: PMP-9SW-WT

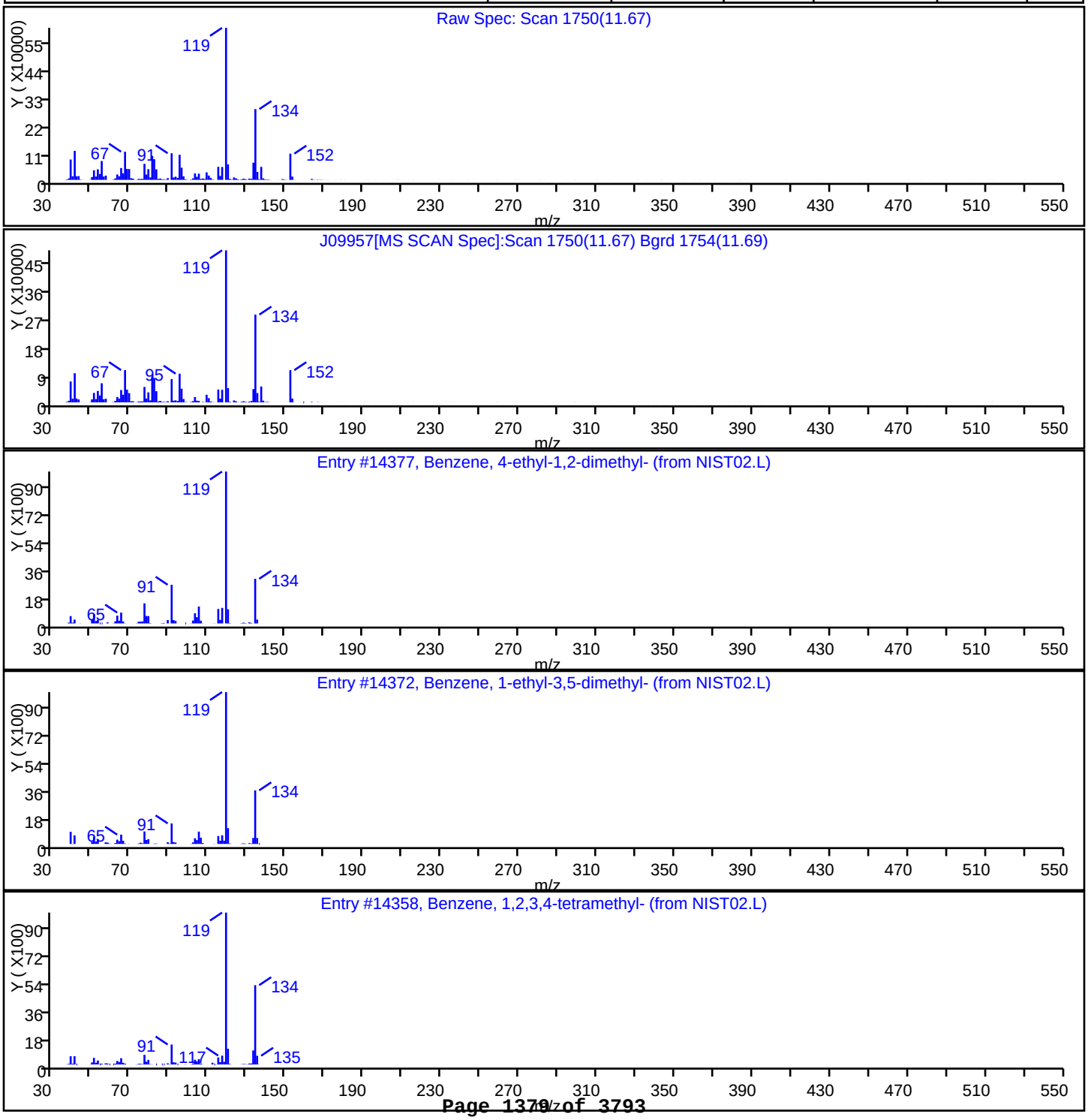
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.L	14377	C10H14	134	91
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.L	14372	C10H14	134	70
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14358	C10H14	134	70



Report Date: 14-Mar-2014 15:44:18 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09957.D

Injection Date: 13-Mar-2014 18:42:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-35-A Lab Sample ID: 460-72174-35

Client ID: PMP-9SW-WT

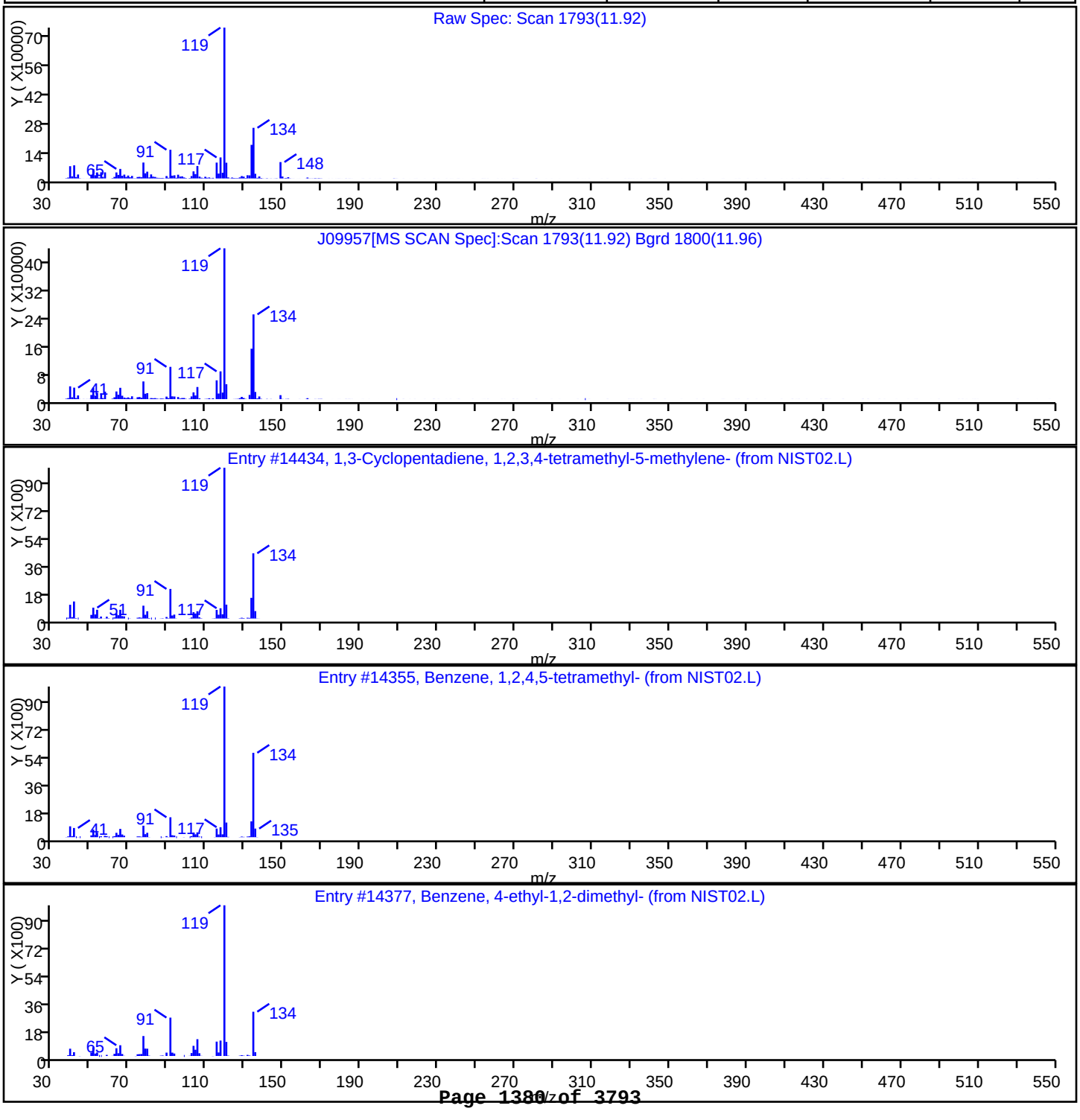
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	76089-59-3	NIST02.L	14434	C10H14	134	90
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14355	C10H14	134	90
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.L	14377	C10H14	134	87



Report Date: 14-Mar-2014 15:44:18 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09957.D

Injection Date: 13-Mar-2014 18:42:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-35-A Lab Sample ID: 460-72174-35

Client ID: PMP-9SW-WT

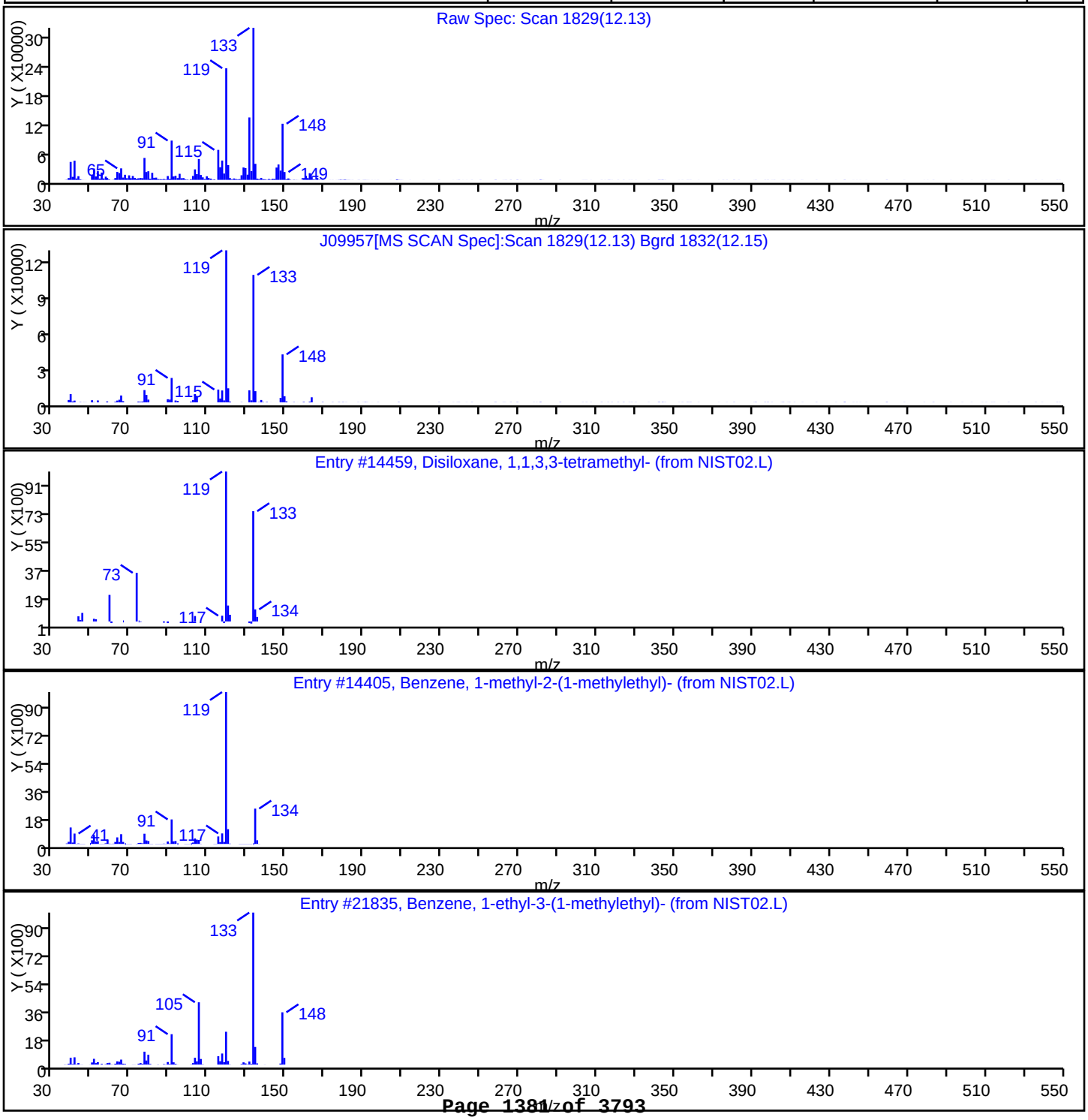
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Disiloxane, 1,1,3,3-tetramethyl-	3277-26-7	NIST02.L	14459	C4H14OSi2	134	52
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14405	C10H14	134	50
Benzene, 1-ethyl-3-(1-methylethyl)-	4920-99-4	NIST02.L	21835	C11H16	148	49



Report Date: 14-Mar-2014 15:44:18 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09957.D

Injection Date: 13-Mar-2014 18:42:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-35-A Lab Sample ID: 460-72174-35

Client ID: PMP-9SW-WT

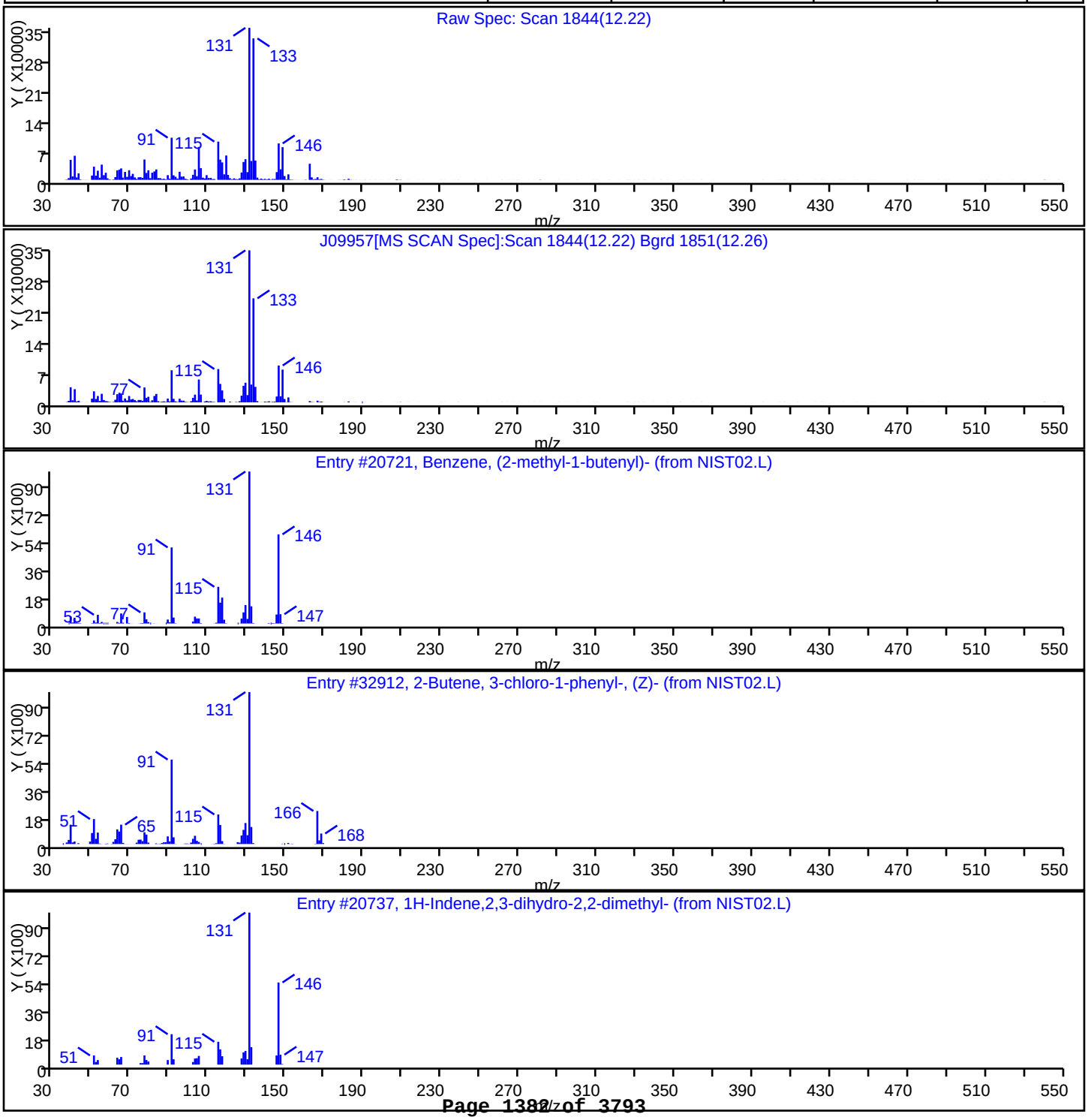
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, (2-methyl-1-butenyl)-	56253-64-6	NIST02.L	20721	C11H14	146	92
2-Butene, 3-chloro-1-phenyl-, (Z)-	16608-68-7	NIST02.L	32912	C10H11Cl	166	87
1H-Indene,2,3-dihydro-2,2-dimethyl-	20836-11-7	NIST02.L	20737	C11H14	146	86



Report Date: 14-Mar-2014 15:44:18 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09957.D

Injection Date: 13-Mar-2014 18:42:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-35-A Lab Sample ID: 460-72174-35

Client ID: PMP-9SW-WT

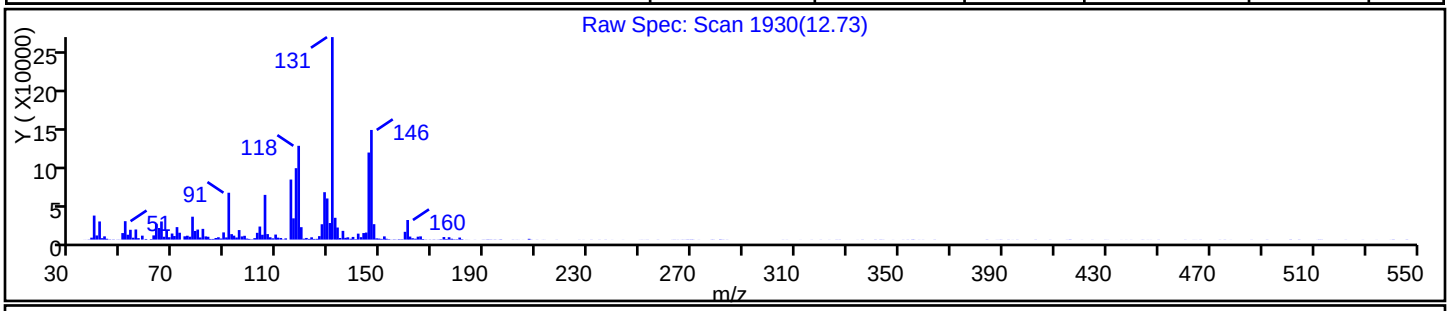
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23

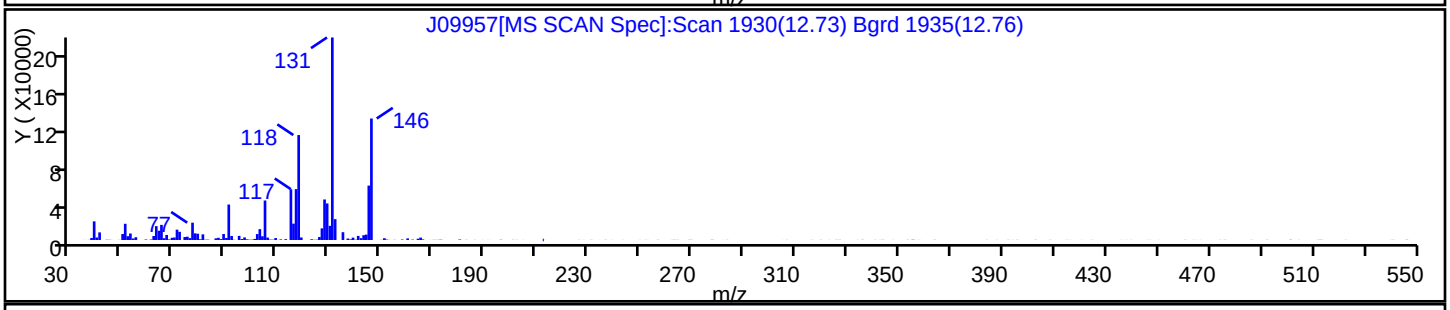
Purge Vol: 5.000 mL Dil. Factor: 50.0000

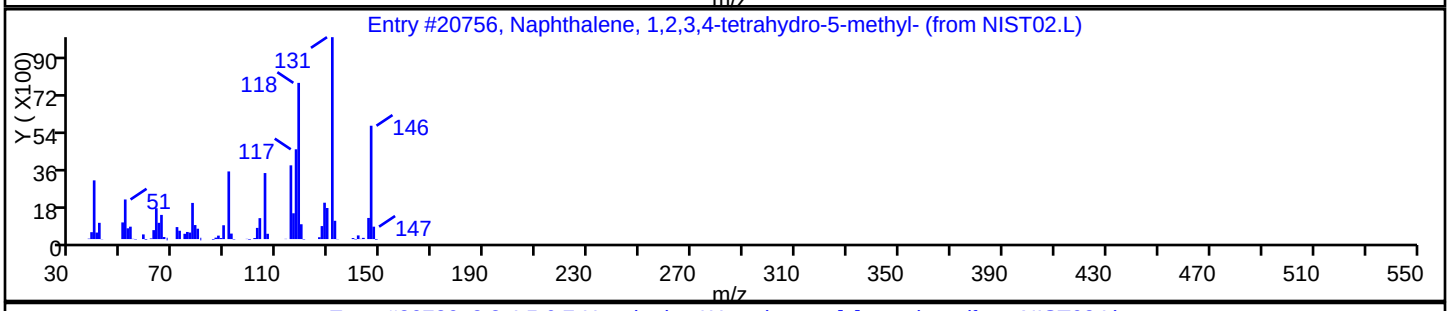
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

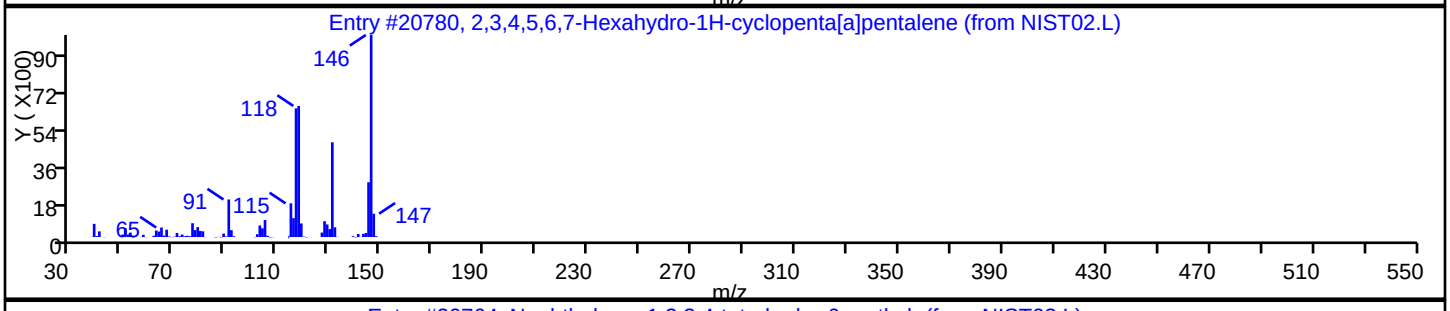
Column: Detector MS SCAN

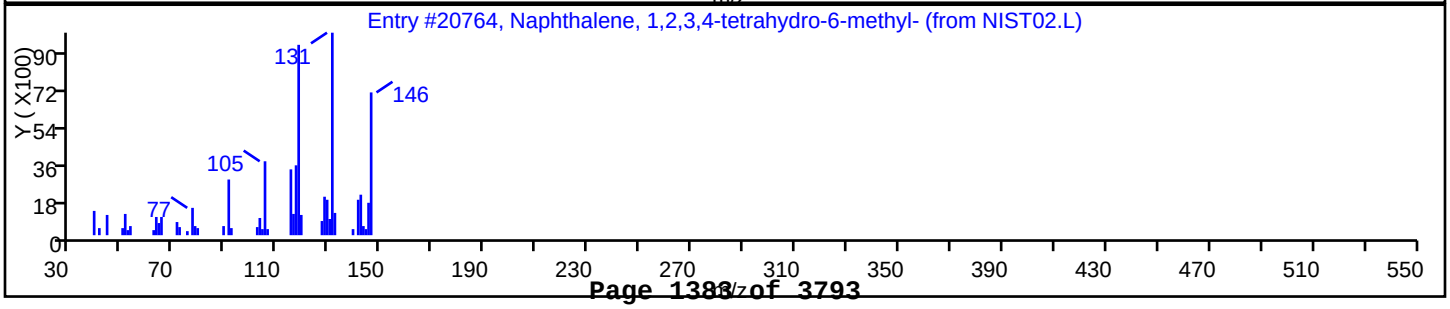
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-5-methyl	2809-64-5	NIST02.L	20756	C11H14	146	90
2,3,4,5,6,7-Hexahydro-1H-cyclopenta[a]pe	1000189-31-	NIST02.L	20780	C11H14	146	72
Naphthalene, 1,2,3,4-tetrahydro-6-methyl	1680-51-9	NIST02.L	20764	C11H14	146	68











Report Date: 14-Mar-2014 15:44:18 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09957.D

Injection Date: 13-Mar-2014 18:42:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-35-A Lab Sample ID: 460-72174-35

Client ID: PMP-9SW-WT

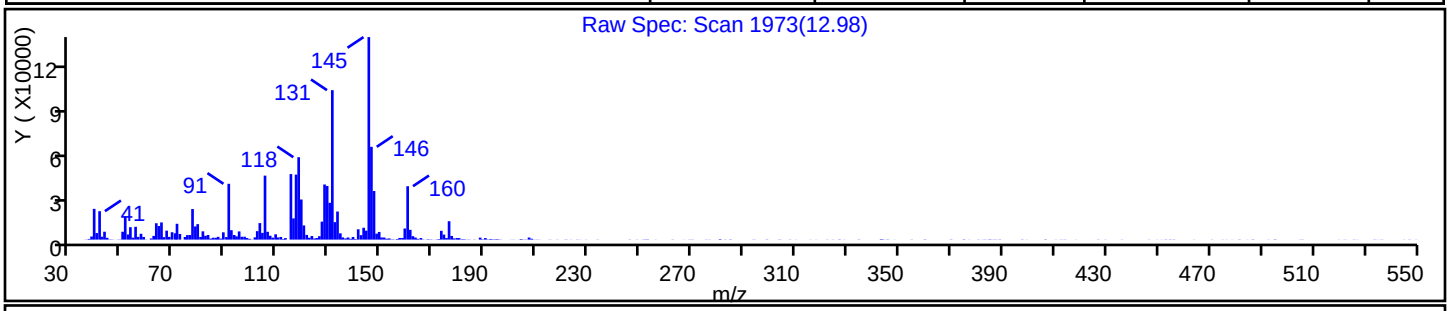
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23

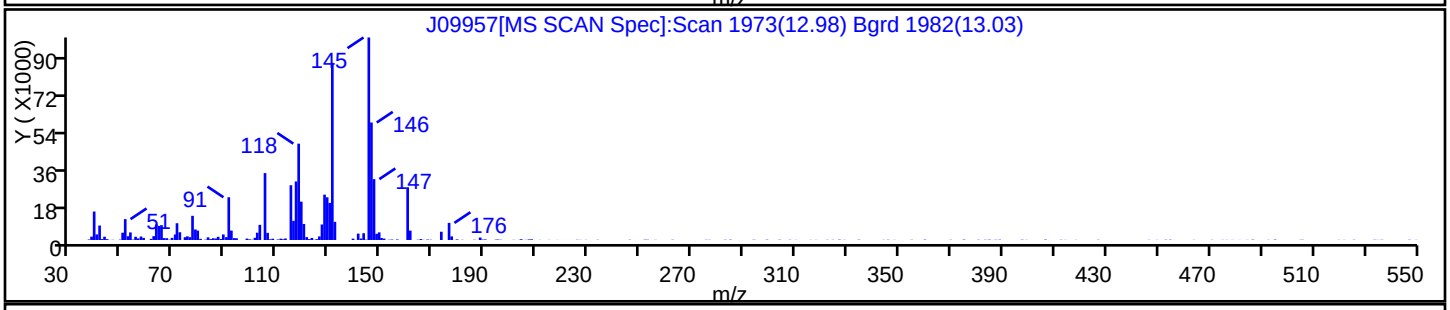
Purge Vol: 5.000 mL Dil. Factor: 50.0000

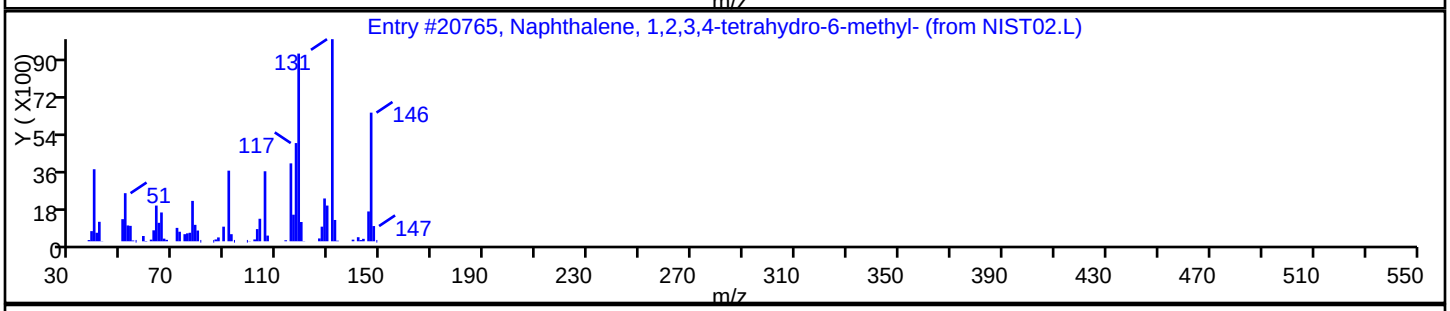
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

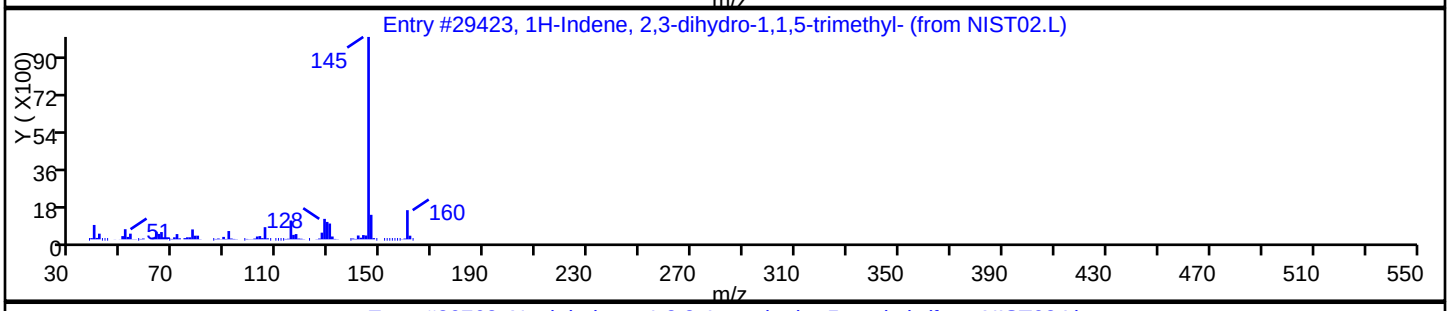
Column: Detector MS SCAN

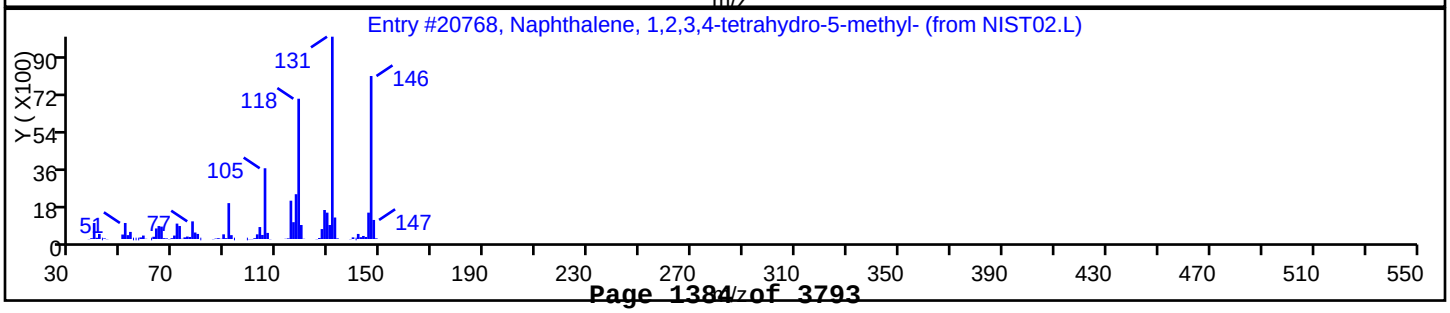
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-6-methyl	1680-51-9	NIST02.L	20765	C11H14	146	70
1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	40650-41-7	NIST02.L	29423	C12H16	160	50
Naphthalene, 1,2,3,4-tetrahydro-5-methyl	2809-64-5	NIST02.L	20768	C11H14	146	49











Report Date: 14-Mar-2014 15:44:18 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09957.D

Injection Date: 13-Mar-2014 18:42:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-35-A Lab Sample ID: 460-72174-35

Client ID: PMP-9SW-WT

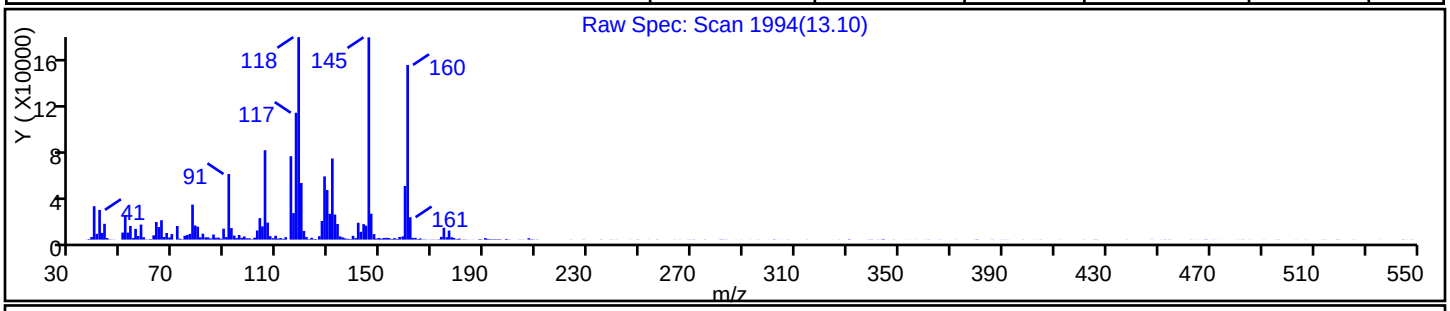
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23

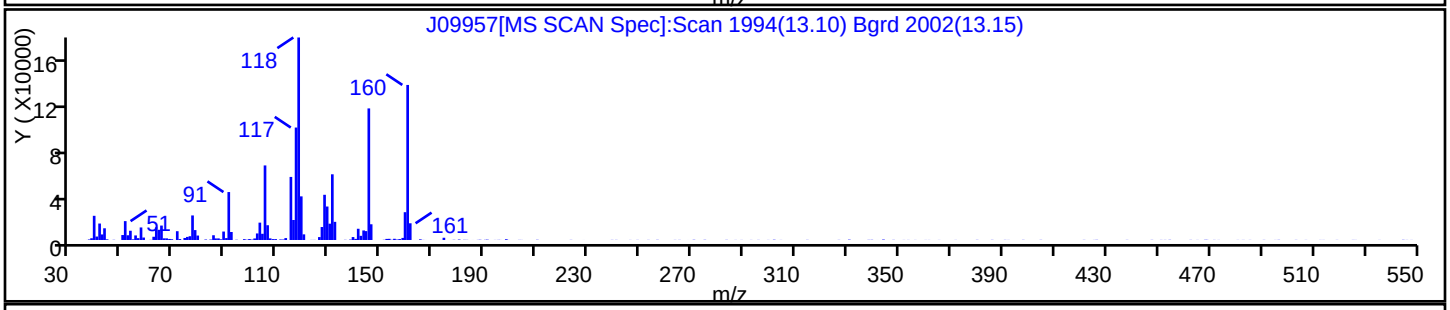
Purge Vol: 5.000 mL Dil. Factor: 50.0000

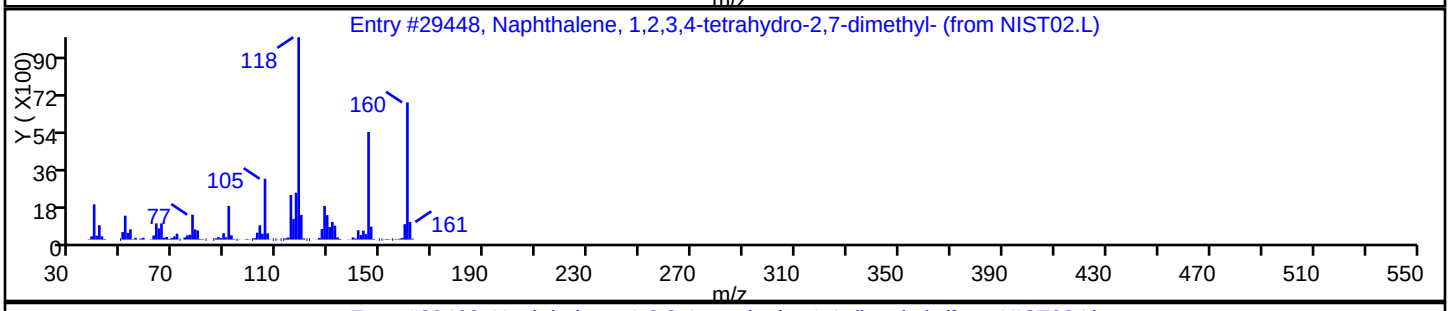
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

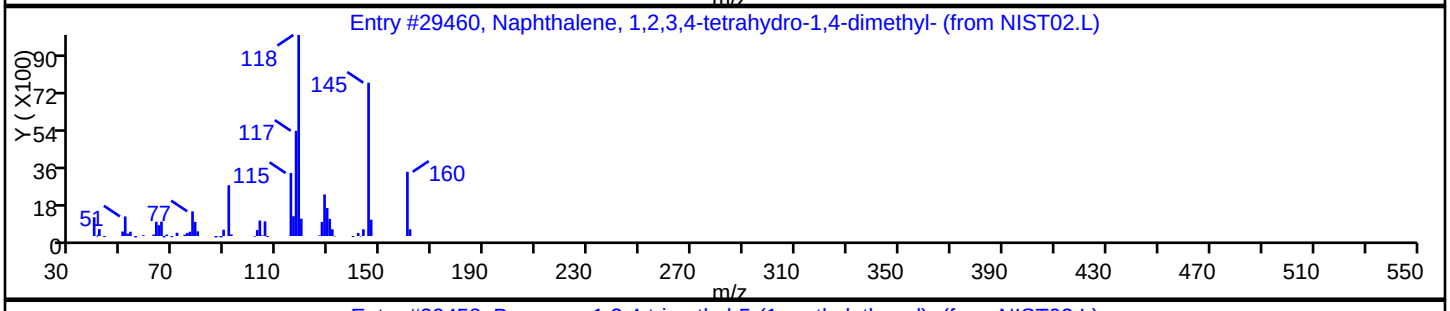
Column: Detector MS SCAN

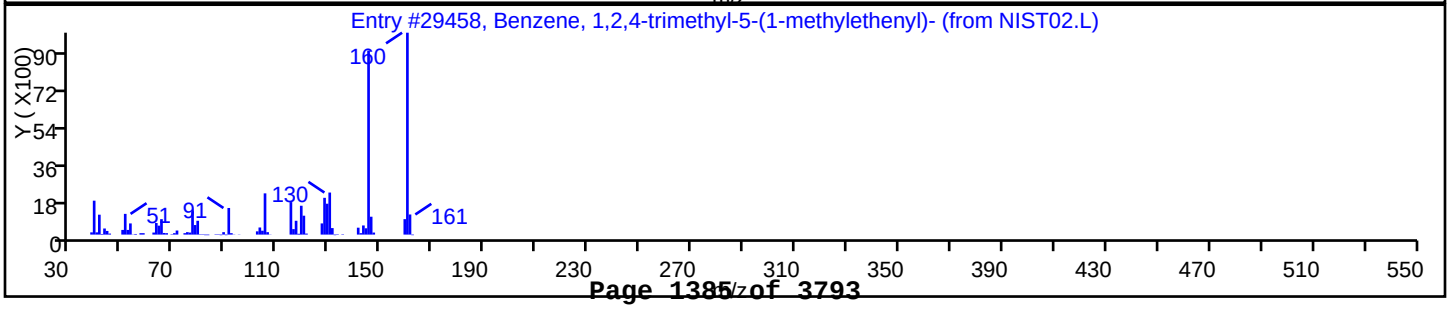
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-2,7-dime	13065-07-1	NIST02.L	29448	C12H16	160	95
Naphthalene, 1,2,3,4-tetrahydro-1,4-dime	4175-54-6	NIST02.L	29460	C12H16	160	93
Benzene, 1,2,4-trimethyl-5-(1-methylethe	54340-84-0	NIST02.L	29458	C12H16	160	64











Report Date: 14-Mar-2014 15:44:18 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09957.D

Injection Date: 13-Mar-2014 18:42:30 Instrument ID: CVOAMS8

Lims ID: 460-72174-A-35-A Lab Sample ID: 460-72174-35

Client ID: PMP-9SW-WT

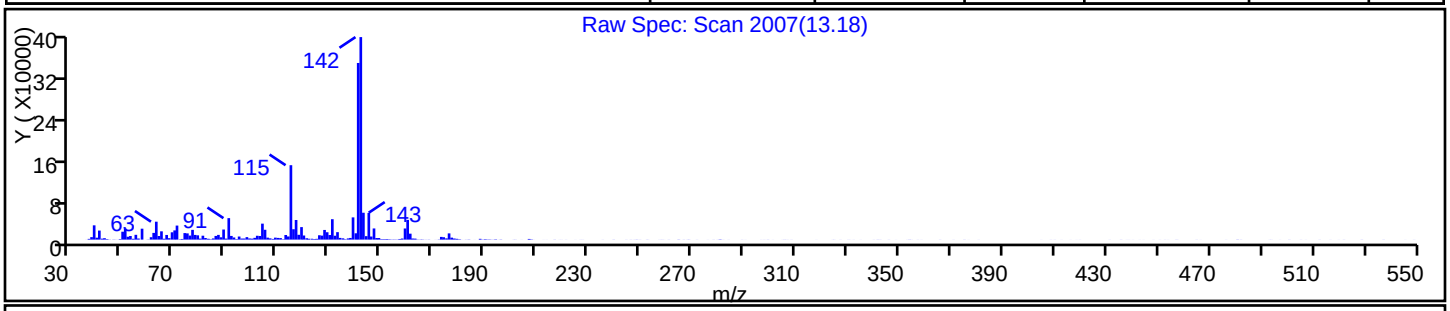
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23

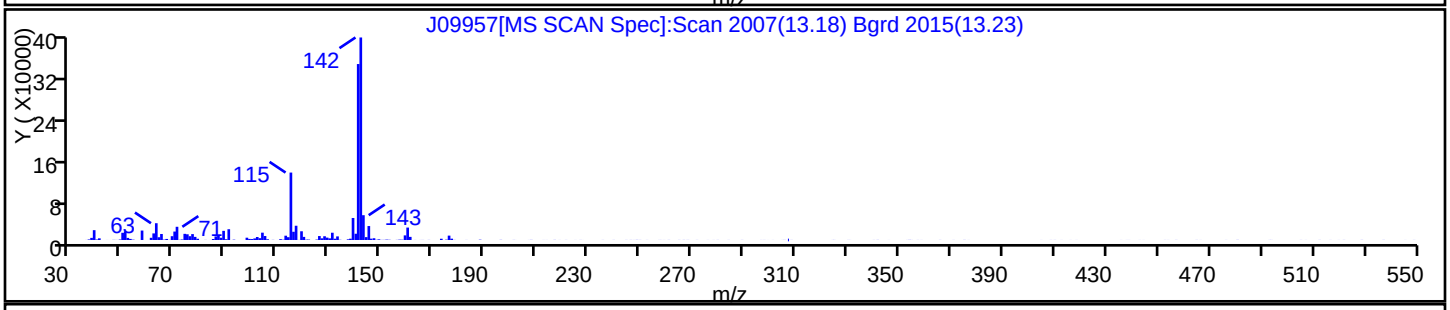
Purge Vol: 5.000 mL Dil. Factor: 50.0000

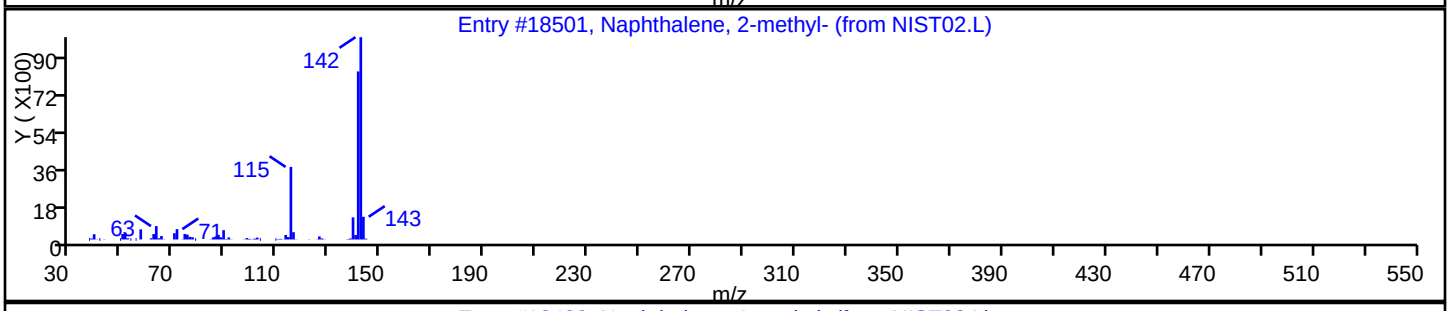
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

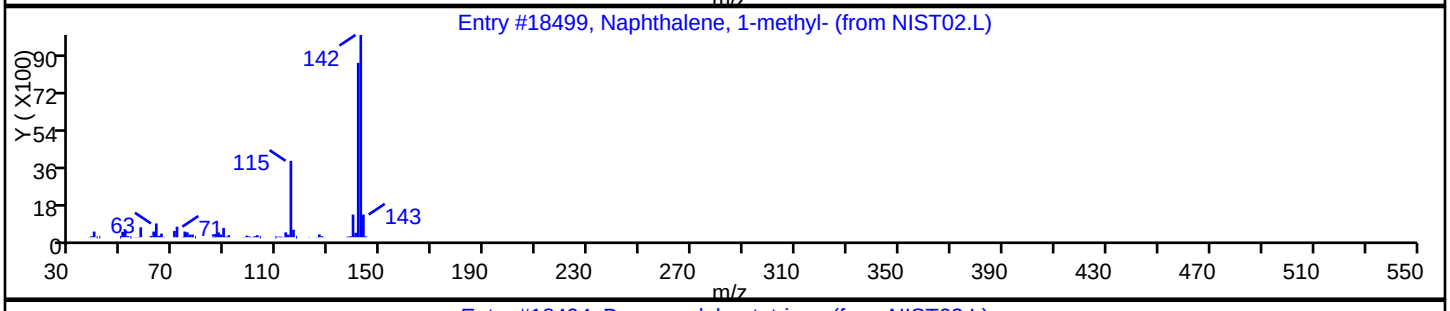
Column: Detector MS SCAN

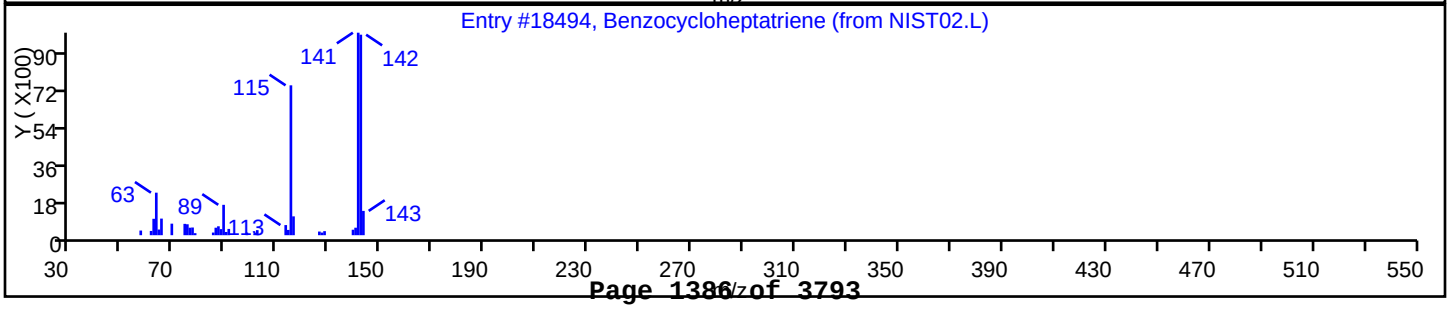
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	C11H10	142	96
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	C11H10	142	96
Benzocycloheptatriene	264-09-5	NIST02.L	18494	C11H10	142	91











FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-SI | Lab Sample ID: 460-72174-36

Matrix: Solid | Lab File ID: D367344.D

Analysis Method: 8260B | Date Collected: 03/06/2014 14:50

Sample wt/vol: 7.005(g) | Date Analyzed: 03/14/2014 10:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.5 | Level: (low/med) Low

Analysis Batch No.: 212576 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.13	U	0.83	0.13
74-83-9	Bromomethane	0.35	U	0.83	0.35
75-01-4	Vinyl chloride	0.28	U	0.83	0.28
75-00-3	Chloroethane	0.27	U	0.83	0.27
75-09-2	Methylene Chloride	0.12	U	0.83	0.12
67-64-1	Acetone	28	B	4.1	1.4
75-15-0	Carbon disulfide	1.8		0.83	0.12
75-69-4	Trichlorofluoromethane	0.13	U	0.83	0.13
75-35-4	1,1-Dichloroethene	0.16	U	0.83	0.16
75-34-3	1,1-Dichloroethane	0.091	U	0.83	0.091
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.83	0.11
156-59-2	cis-1,2-Dichloroethene	0.091	U	0.83	0.091
67-66-3	Chloroform	9.2		0.83	0.20
78-93-3	2-Butanone	0.52	U	4.1	0.52
107-06-2	1,2-Dichloroethane	0.15	U	0.83	0.15
71-55-6	1,1,1-Trichloroethane	0.11	U	0.83	0.11
56-23-5	Carbon tetrachloride	0.12	U	0.83	0.12
71-43-2	Benzene	0.12	U	0.83	0.12
75-25-2	Bromoform	0.14	U	0.83	0.14
100-42-5	Styrene	0.23	U	0.83	0.23
100-41-4	Ethylbenzene	0.14	U	0.83	0.14
108-90-7	Chlorobenzene	0.15	U	0.83	0.15
110-82-7	Cyclohexane	0.11	U	0.83	0.11
98-82-8	Isopropylbenzene	0.091	U	0.83	0.091
591-78-6	2-Hexanone	0.11	U	4.1	0.11
1634-04-4	MTBE	0.091	U	0.83	0.091
76-13-1	Freon TF	0.091	U	0.83	0.091
79-20-9	Methyl acetate	0.26	U	4.1	0.26
123-91-1	1,4-Dioxane	10	U	17	10
79-01-6	Trichloroethene	1.8		0.83	0.099
108-88-3	Toluene	0.12	U	0.83	0.12
10061-02-6	trans-1,3-Dichloropropene	0.083	U	0.83	0.083
108-10-1	4-Methyl-2-pentanone	0.17	U	4.1	0.17
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.83	0.12
95-50-1	1,2-Dichlorobenzene	0.083	U	0.83	0.083
541-73-1	1,3-Dichlorobenzene	0.13	U	0.83	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-SI | Lab Sample ID: 460-72174-36

Matrix: Solid | Lab File ID: D367344.D

Analysis Method: 8260B | Date Collected: 03/06/2014 14:50

Sample wt/vol: 7.005(g) | Date Analyzed: 03/14/2014 10:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.5 | Level: (low/med) Low

Analysis Batch No.: 212576 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.091	U	0.83	0.091
120-82-1	1,2,4-Trichlorobenzene	3.4		0.83	0.16
87-61-6	1,2,3-Trichlorobenzene	1.4		0.83	0.13
78-87-5	1,2-Dichloropropane	0.12	U	0.83	0.12
108-87-2	Methylcyclohexane	0.55	J	0.83	0.083
127-18-4	Tetrachloroethene	0.18	J	0.83	0.099
1330-20-7	Xylenes, Total	0.55	U	1.7	0.55
96-12-8	1,2-Dibromo-3-Chloropropane	0.36	U	0.83	0.36
79-34-5	1,1,2,2-Tetrachloroethane	0.074	U	0.83	0.074
79-00-5	1,1,2-Trichloroethane	0.12	U	0.83	0.12
124-48-1	Dibromochloromethane	0.083	U	0.83	0.083
106-93-4	1,2-Dibromoethane	0.12	U	0.83	0.12
75-71-8	Dichlorodifluoromethane	0.18	U	0.83	0.18
74-97-5	Bromochloromethane	0.091	U	0.83	0.091
75-27-4	Bromodichloromethane	0.26	U	0.83	0.26

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	Bromofluorobenzene	95		70-130
1868-53-7	Dibromofluoromethane (Surr)	93		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-SI | Lab Sample ID: 460-72174-36

Matrix: Solid | Lab File ID: D367344.D

Analysis Method: 8260B | Date Collected: 03/06/2014 14:50

Sample wt/vol: 7.005(g) | Date Analyzed: 03/14/2014 10:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.5 | Level: (low/med) Low

Analysis Batch No.: 212576 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 261

CAS NO.	COMPOUND NAME	RT	RESULT	Q
112-40-3	Dodecane	10.67	30	J N
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	10.79	35	J N
4175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethyl-	11.05	32	J N
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	11.11	19	J N
1072-05-5	Heptane, 2,6-dimethyl-	11.33	28	J N
1559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-methyl	11.59	23	J N
629-59-4	Tetradecane	12.03	33	J N
629-59-4	Tetradecane	12.58	19	J N
629-62-9	Pentadecane	12.89	25	J N
581-42-0	Naphthalene, 2,6-dimethyl-	13.24	17	J N

Report Date: 15-Mar-2014 15:20:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367344.D
Lims ID: 460-72174-C-36-A Lab Sample ID: 460-72174-36
Client ID: PMP-9SW-SI
Sample Type: Client
Inject. Date: 14-Mar-2014 10:29:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-C-36-A
Misc. Info.: 460-0010860-012
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 15:20:17 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: starzecm Date: 14-Mar-2014 23:15:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
21 Carbon disulfide	76	2.011	2.004	0.007	99	30867	2.17	
19 Acetone	43	2.422	2.416	0.006	78	16333	33.7	
* 151 TBA-d9 (IS)	65	2.631	2.638	-0.007	64	97947	1000.0	
47 Chloroform	83	3.554	3.554	0.0	87	55918	11.2	
$ 152 Dibromofluoromethane (Surr)	113	3.705	3.705	0.0	90	88677	46.4	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.152	4.149	0.003	92	78747	47.3	
* 59 Fluorobenzene	96	4.416	4.413	0.003	94	434323	50.0	
63 Methylcyclohexane	83	4.548	4.561	-0.013	71	4954	0.6688	
61 Trichloroethene	95	4.577	4.570	0.007	83	6754	2.24	
* 150 1,4-Dioxane-d8	96	5.380	5.384	-0.004	1	5993	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.078	6.078	0.0	98	407353	46.5	
80 Tetrachloroethene	166	6.589	6.583	0.006	1	644	0.2230	M
* 87 Chlorobenzene-d5	117	7.779	7.776	0.003	81	253563	50.0	
$ 99 4-Bromofluorobenzene	174	8.859	8.860	-0.001	77	83843	47.3	
* 116 1,4-Dichlorobenzene-d4	152	9.724	9.724	0.0	91	120701	50.0	
124 1,2,4-Trichlorobenzene	180	11.091	11.091	0.0	72	14431	4.16	
128 1,2,3-Trichlorobenzene	180	11.448	11.448	0.0	32	5076	1.74	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367344.D
Lims ID: 460-72174-C-36-A Lab Sample ID: 460-72174-36
Client ID: PMP-9SW-SI
Sample Type: Client
Inject. Date: 14-Mar-2014 10:29:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-C-36-A
Misc. Info.: 460-0010860-012
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 15:20:17 Calib Date: 12-Mar-2014 20:41:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 40

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: starzecm Date: 14-Mar-2014 23:15:18

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
112-40-3 Dodecane								
10.670	525706	36.7	116	58	36156	C12H26	170	
527-84-4 Benzene, 1-methyl-2-(1-methylethyl)-								
10.792	611060	42.6	116	86	14404	C10H14	134	
4175-53-5 1H-Indene, 2,3-dihydro-1,3-dimethyl-								
11.049	561714	39.2	116	55	20742	C11H14	146	
6682-71-9 1H-Indene, 2,3-dihydro-4,7-dimethyl-								
11.107	333833	23.3	116	87	20746	C11H14	146	
1072-05-5 Heptane, 2,6-dimethyl-								
11.329	487296	34.0	116	72	12281	C9H20	128	
1559-81-5 Naphthalene, 1,2,3,4-tetrahydro-1-methyl								
11.586	392941	27.4	116	91	20757	C11H14	146	
629-59-4 Tetradecane								
12.027	577409	40.3	116	89	55009	C14H30	198	
629-59-4 Tetradecane								
12.583	337030	23.5	116	86	55009	C14H30	198	
629-62-9 Pentadecane								
12.885	429755	30.0	116	90	64574	C15H32	212	
581-42-0 Naphthalene, 2,6-dimethyl-								
13.235	296245	20.7	116	96	27167	C12H12	156	

Report Date: 15-Mar-2014 15:20:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367344.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	9.724	716644	50.0

QC Flag Legend

Processing Flags

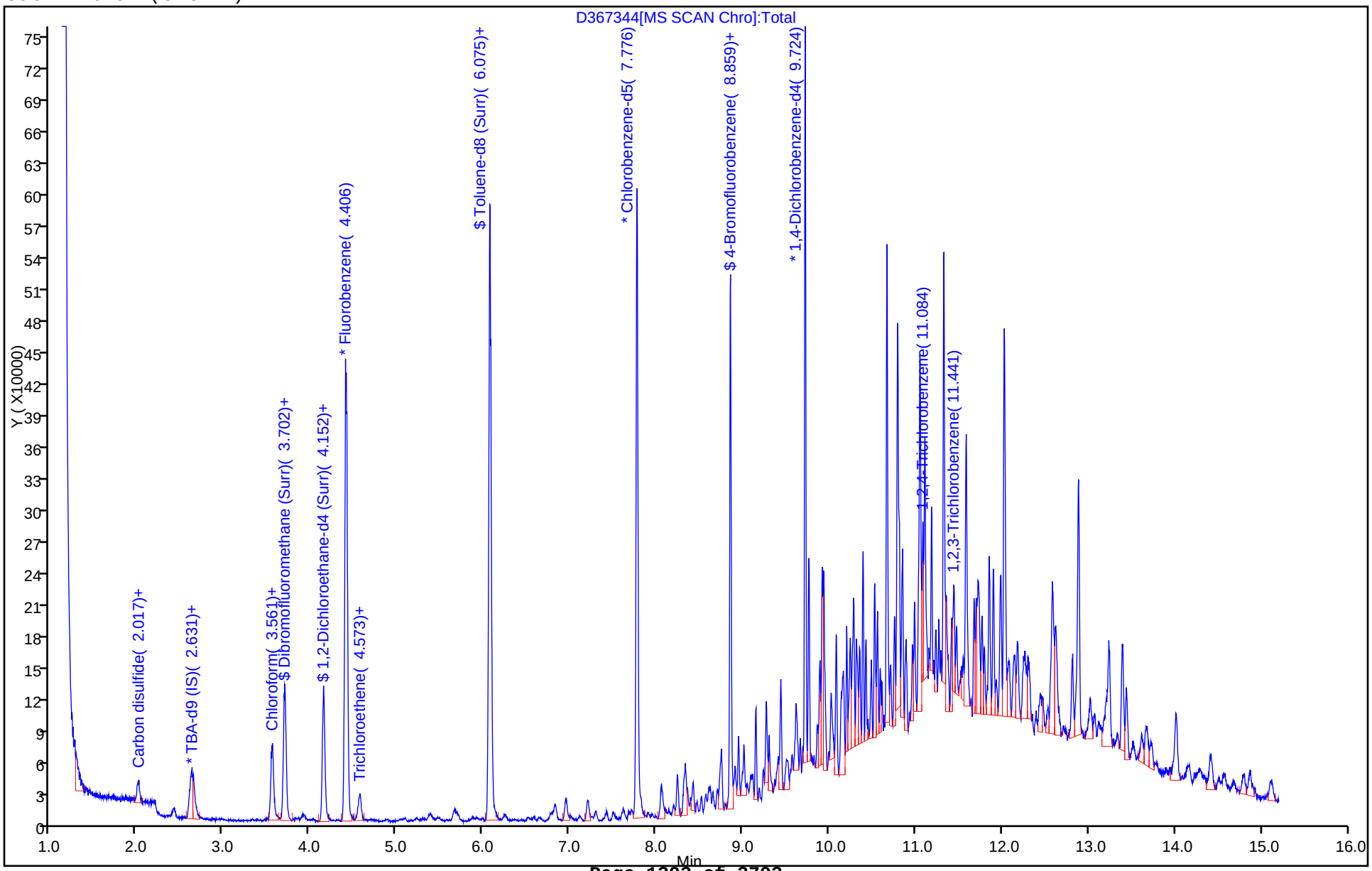
Report Date: 15-Mar-2014 15:20:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367344.D

Injection Date:	14-Mar-2014 10:29:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-C-36-A	Lab Sample ID:	460-72174-36	Worklist Smp#:	12
Client ID:	PMP-9SW-SI				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



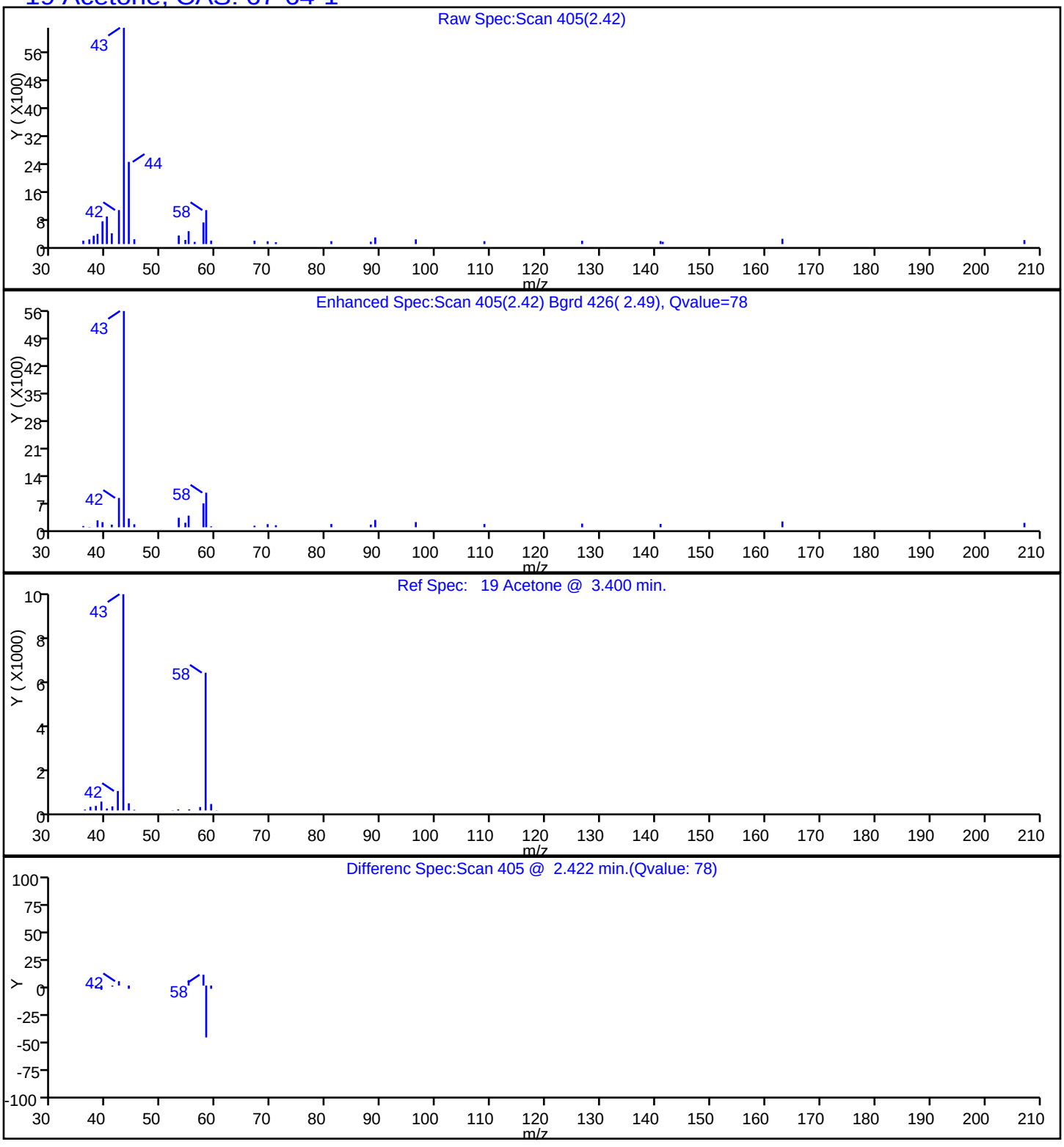
Report Date: 15-Mar-2014 15:20:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367344.D

Injection Date:	14-Mar-2014 10:29:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-36-A	Lab Sample ID:	460-72174-36		
Client ID:	PMP-9SW-SI				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

19 Acetone, CAS: 67-64-1



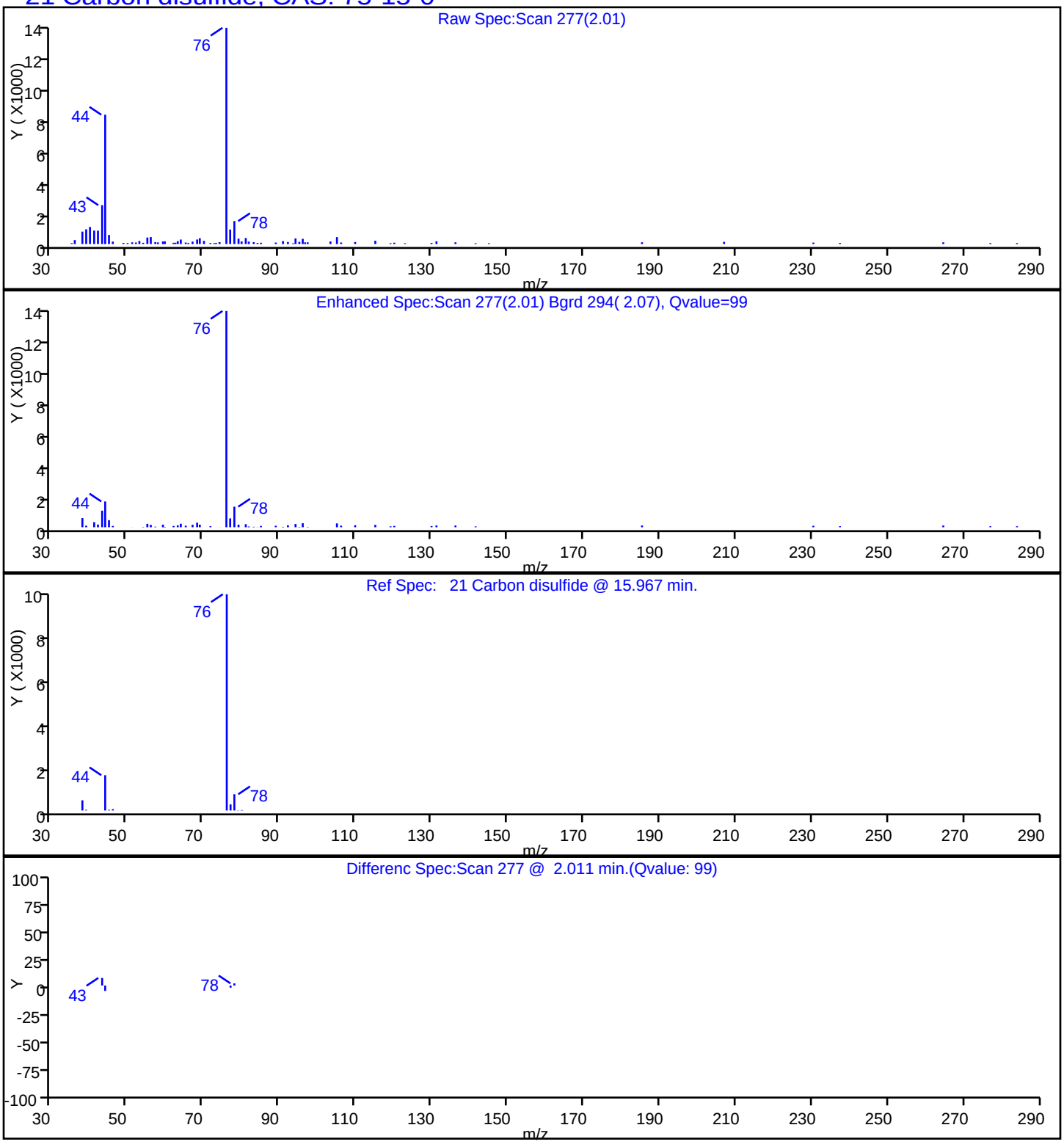
Report Date: 15-Mar-2014 15:20:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367344.D

Injection Date:	14-Mar-2014 10:29:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-36-A	Lab Sample ID:	460-72174-36		
Client ID:	PMP-9SW-SI				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

21 Carbon disulfide, CAS: 75-15-0



Report Date: 15-Mar-2014 15:20:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367344.D

Injection Date: 14-Mar-2014 10:29:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-36-A Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

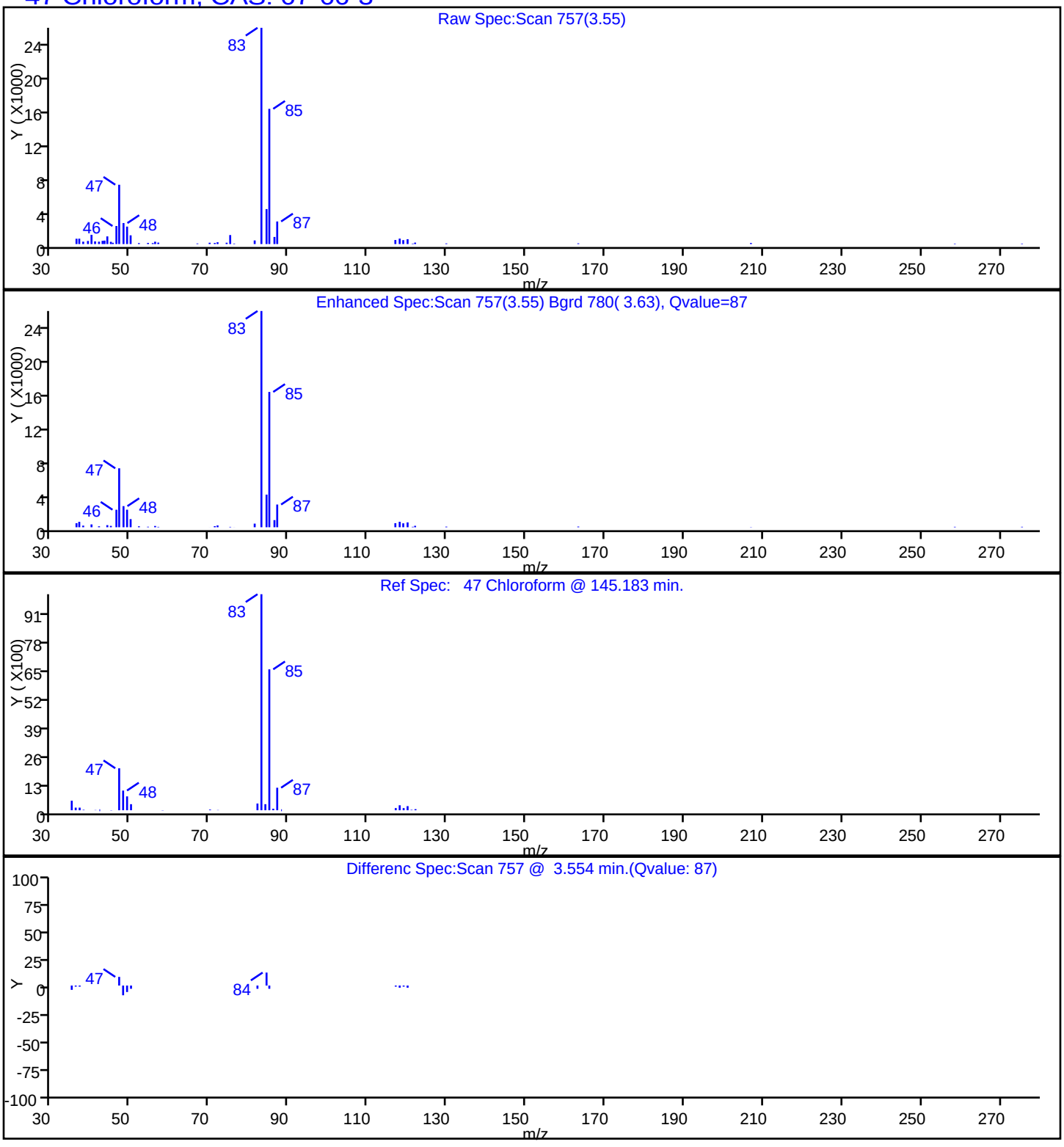
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Chloroform, CAS: 67-66-3



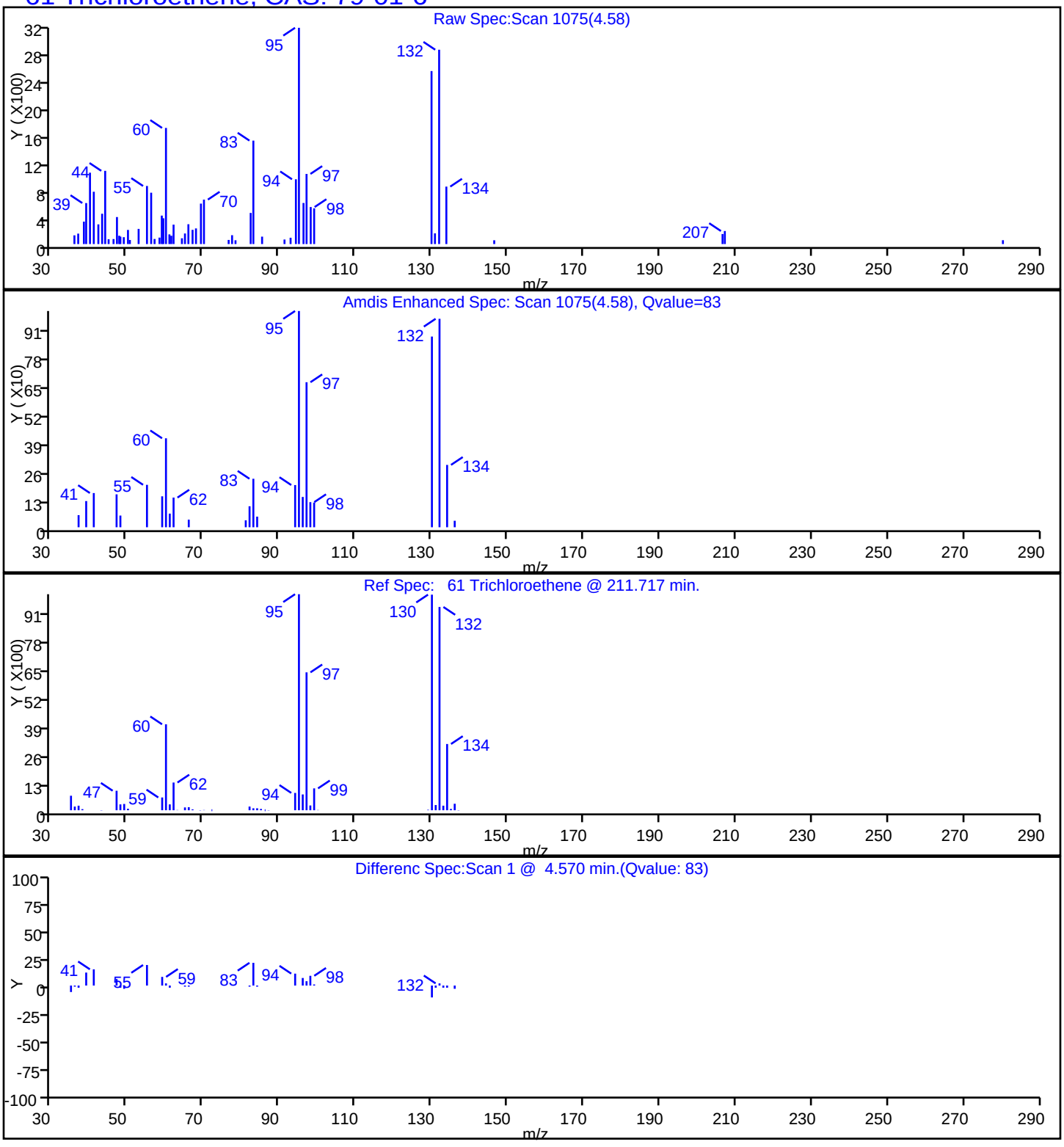
Report Date: 15-Mar-2014 15:20:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367344.D

Injection Date:	14-Mar-2014 10:29:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-36-A	Lab Sample ID:	460-72174-36		
Client ID:	PMP-9SW-SI				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

61 Trichloroethene, CAS: 79-01-6



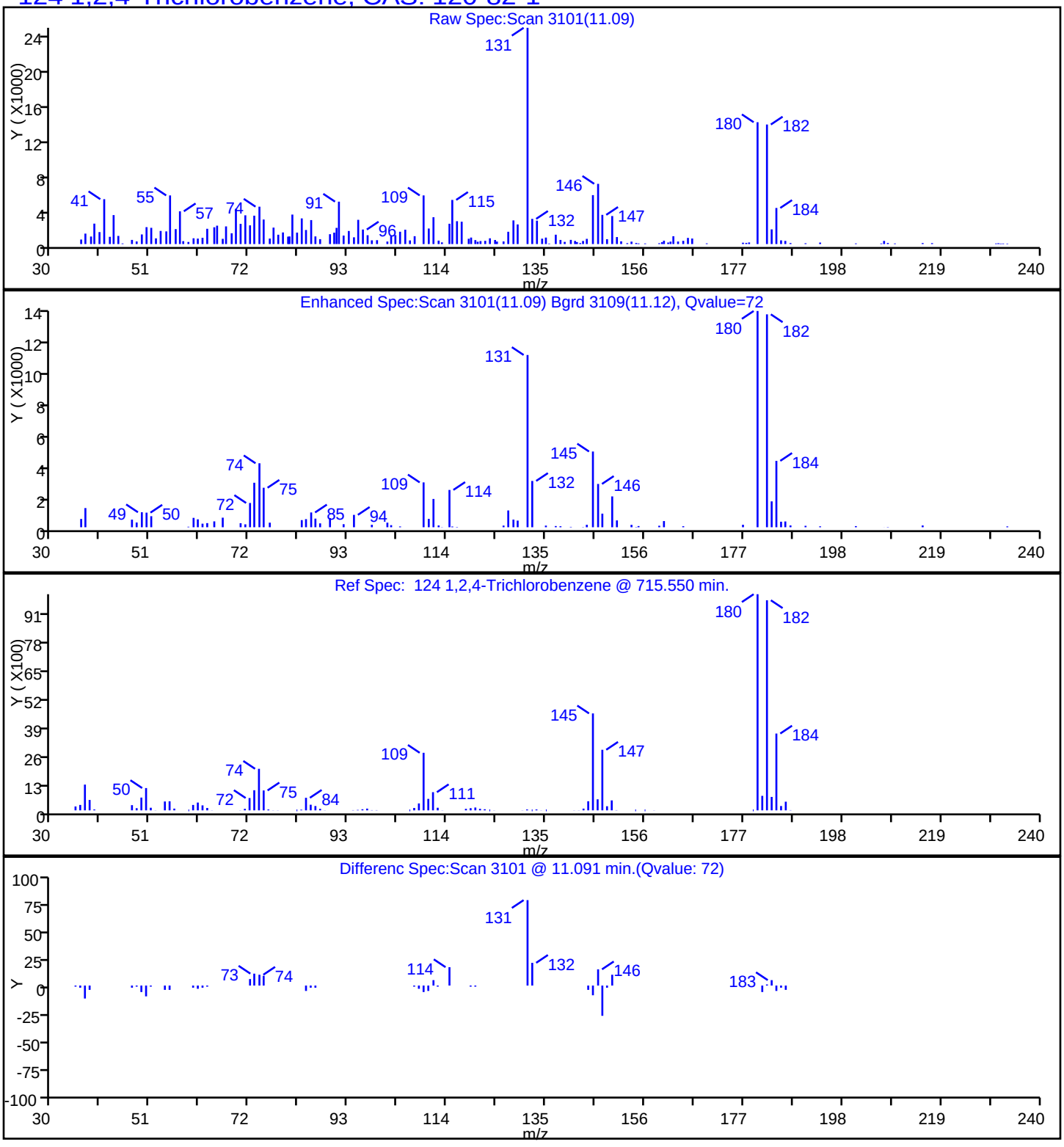
Report Date: 15-Mar-2014 15:20:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367344.D

Injection Date:	14-Mar-2014 10:29:30	Instrument ID:	CVOAMS4
Lims ID:	460-72174-C-36-A	Lab Sample ID:	460-72174-36
Client ID:	PMP-9SW-SI		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



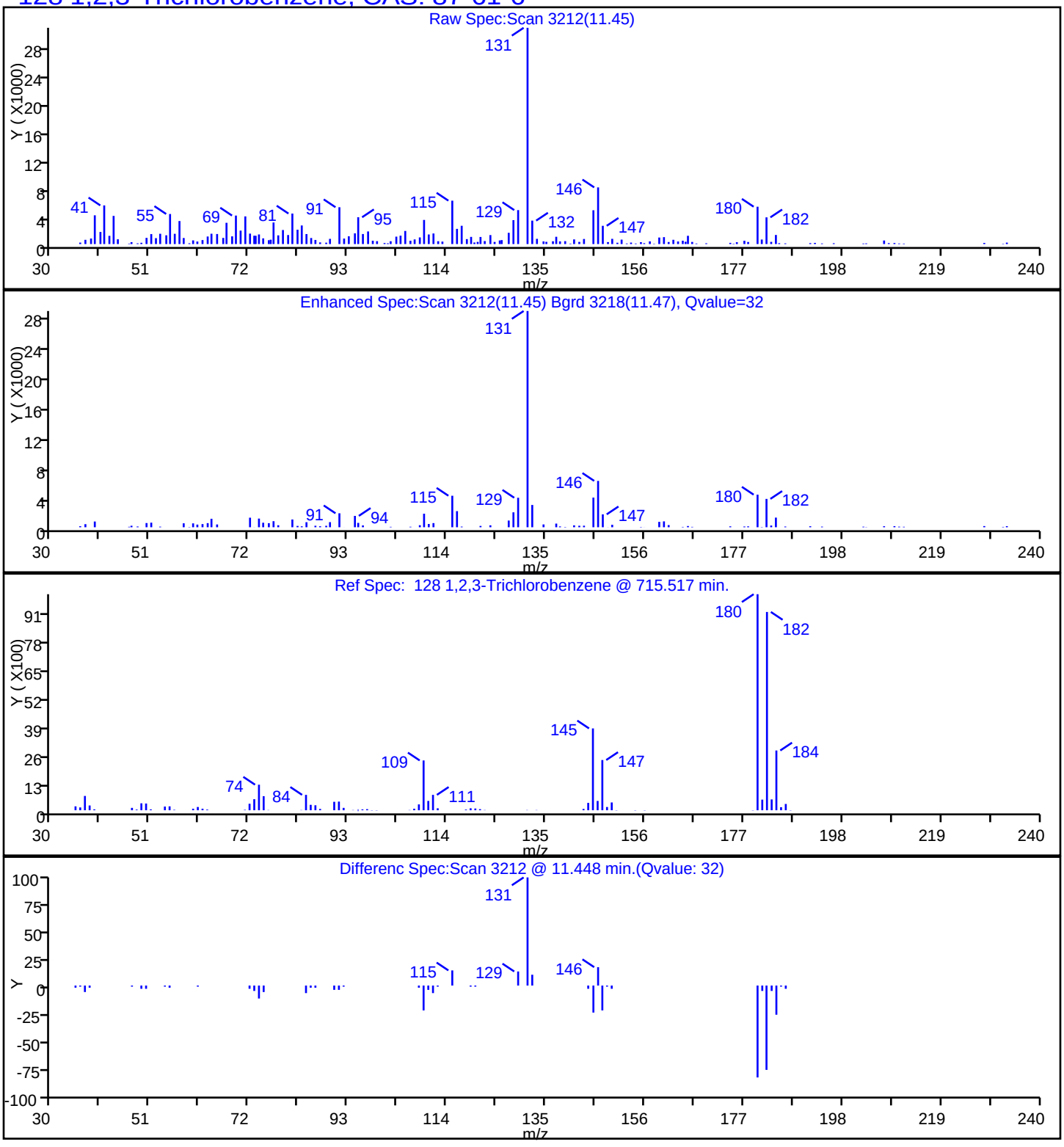
Report Date: 15-Mar-2014 15:20:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367344.D

Injection Date:	14-Mar-2014 10:29:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-36-A	Lab Sample ID:	460-72174-36		
Client ID:	PMP-9SW-SI				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



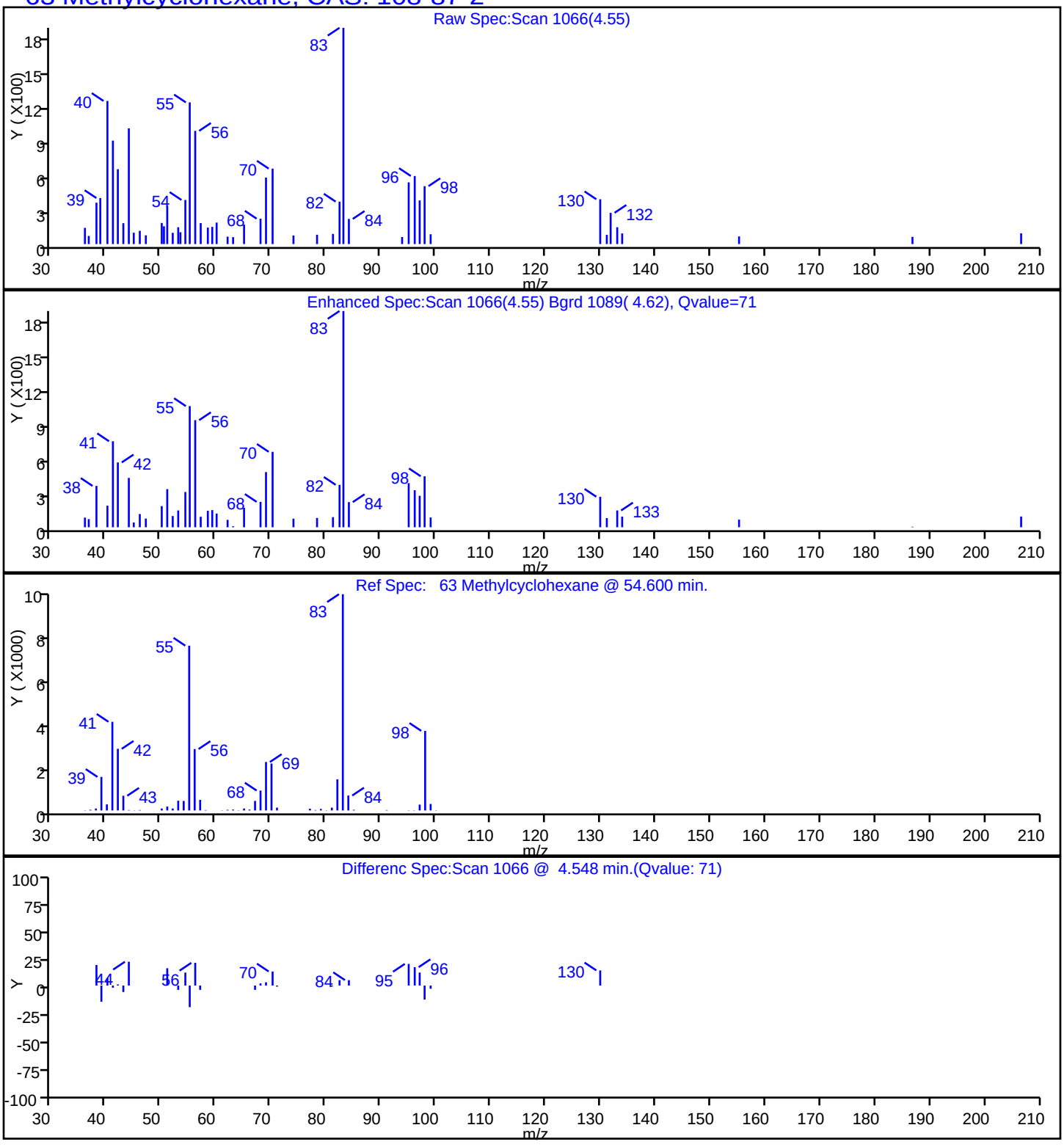
Report Date: 15-Mar-2014 15:20:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367344.D

Injection Date:	14-Mar-2014 10:29:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-36-A	Lab Sample ID:	460-72174-36		
Client ID:	PMP-9SW-SI				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

63 Methylcyclohexane, CAS: 108-87-2



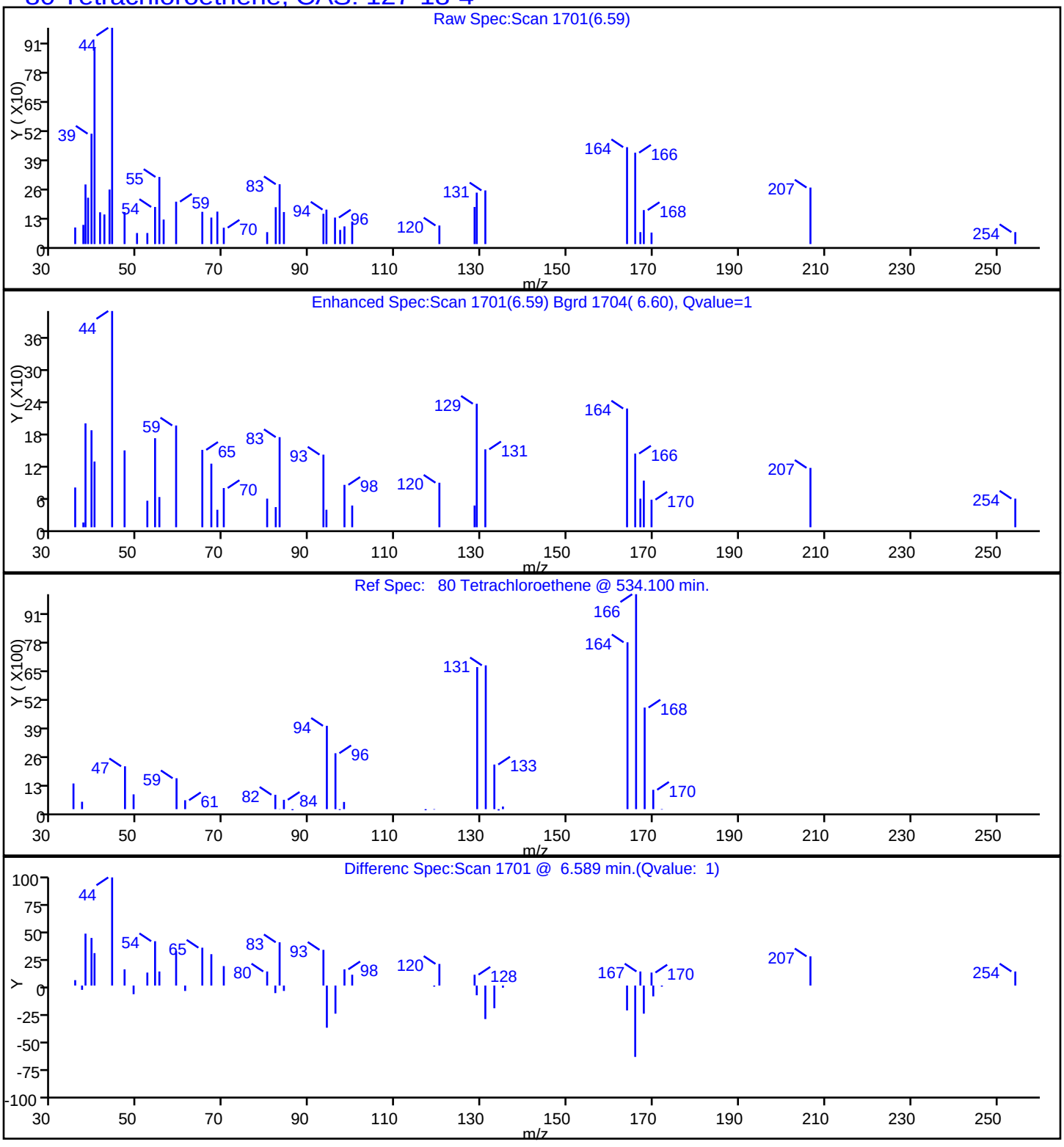
Report Date: 15-Mar-2014 15:20:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367344.D

Injection Date:	14-Mar-2014 10:29:30	Instrument ID:	CVOAMS4
Lims ID:	460-72174-C-36-A	Lab Sample ID:	460-72174-36
Client ID:	PMP-9SW-SI		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

80 Tetrachloroethene, CAS: 127-18-4



Manual Integration/User Assign Peak Report

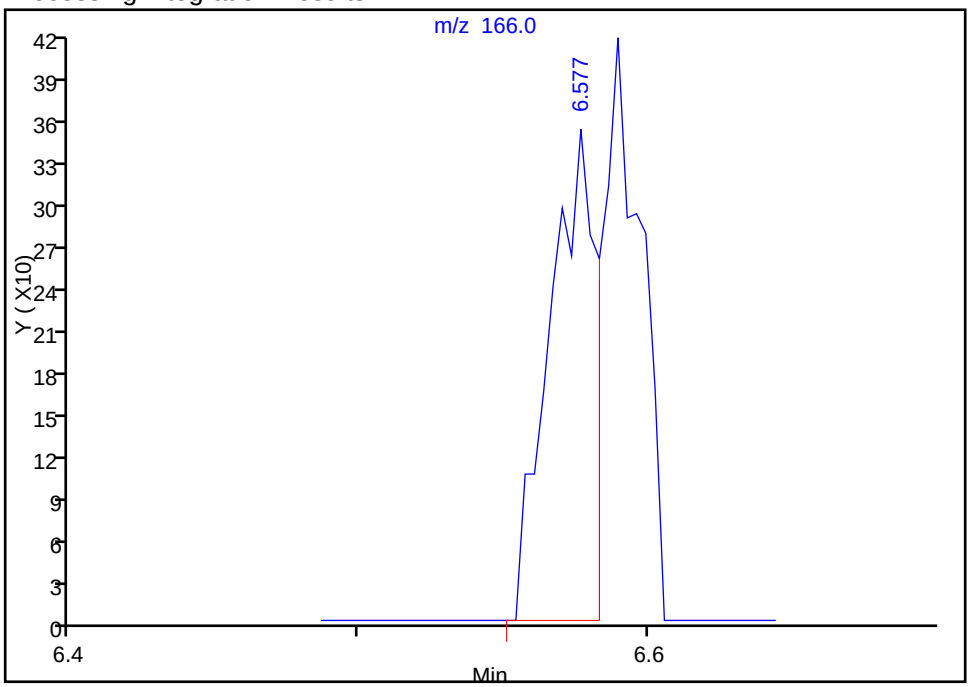
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367344.D				
Injection Date:	14-Mar-2014 10:29:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-C-36-A	Lab Sample ID:	460-72174-36		
Client ID:	PMP-9SW-SI				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

80 Tetrachloroethene, CAS: 127-18-4

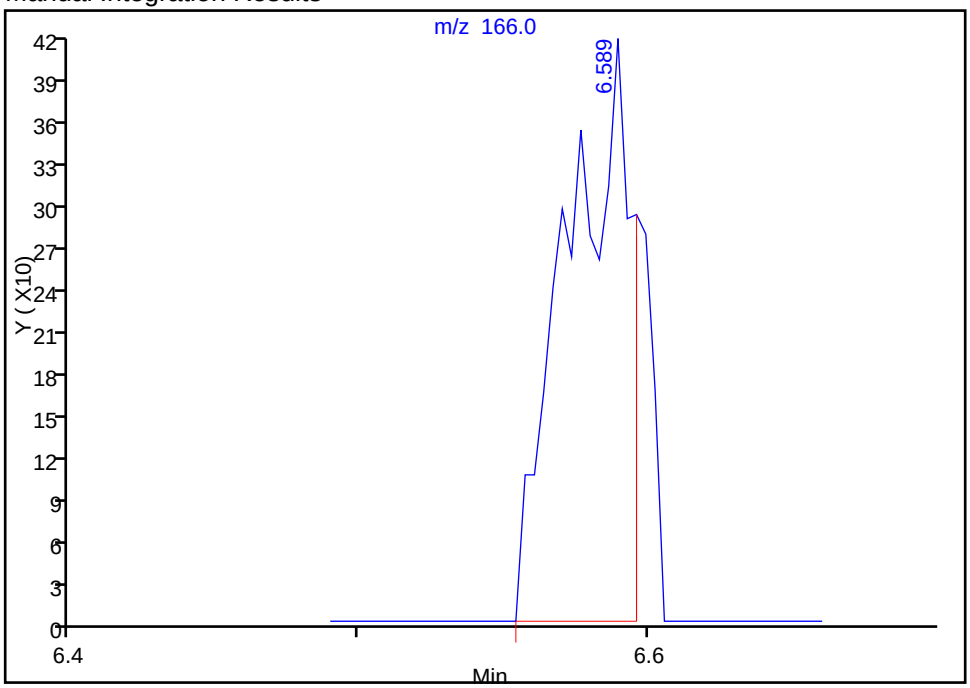
Processing Integration Results

RT: 6.58
Response: 394
Amount: 0.136443



Manual Integration Results

RT: 6.59
Response: 644
Amount: 0.223019



Reviewer: baronm, 15-Mar-2014 15:20:17
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Report Date: 15-Mar-2014 15:20:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367344.D

Injection Date: 14-Mar-2014 10:29:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-36-A Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

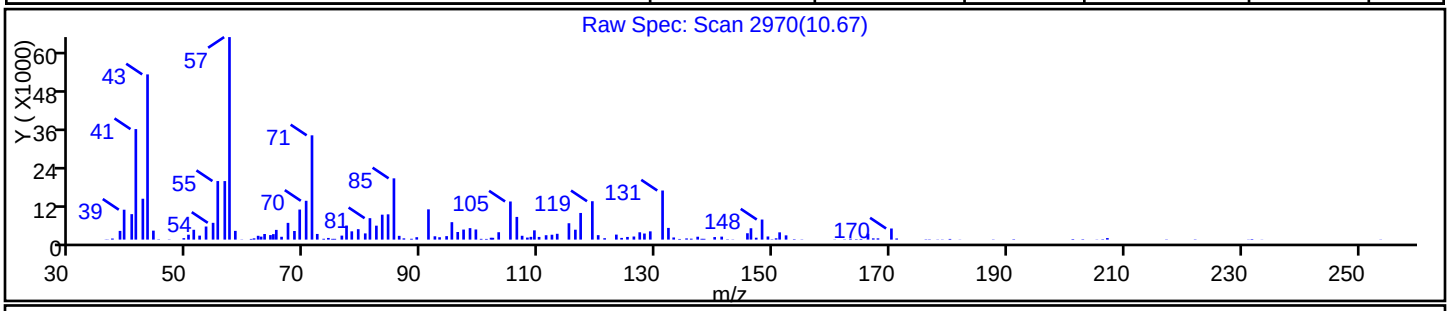
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12

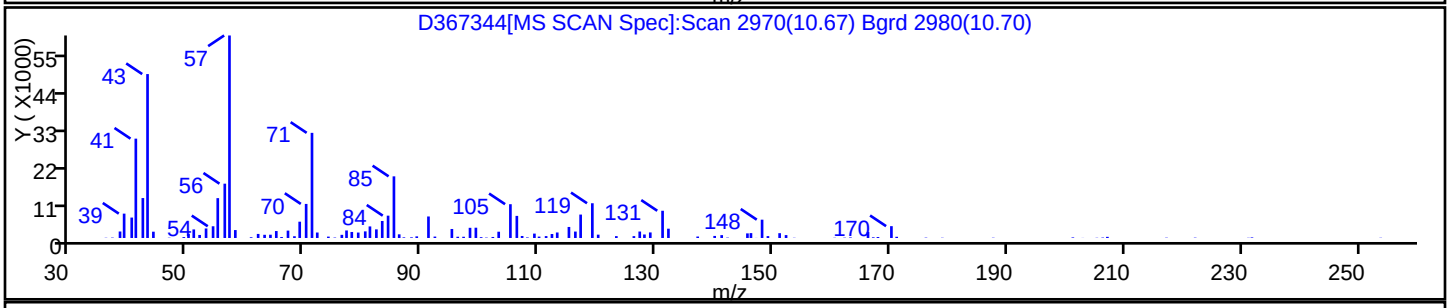
Purge Vol: 5.000 mL Dil. Factor: 1.0000

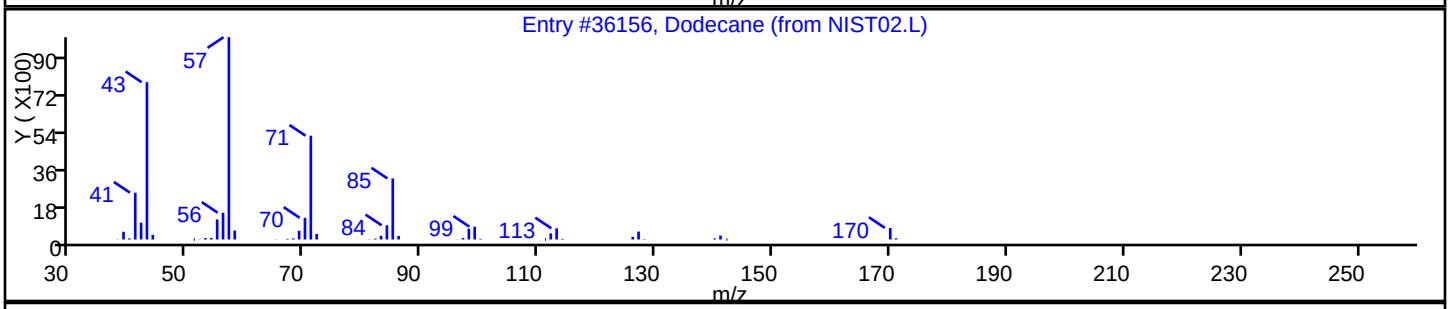
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

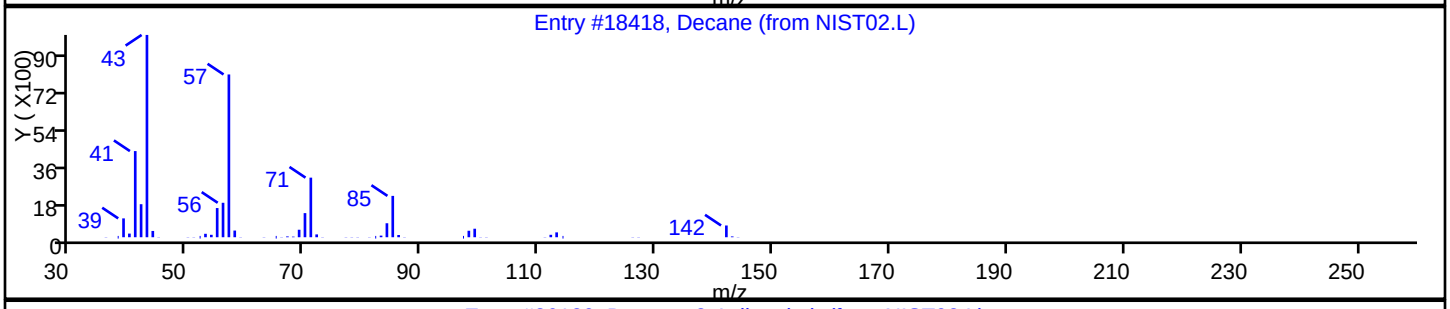
Column: Detector MS SCAN

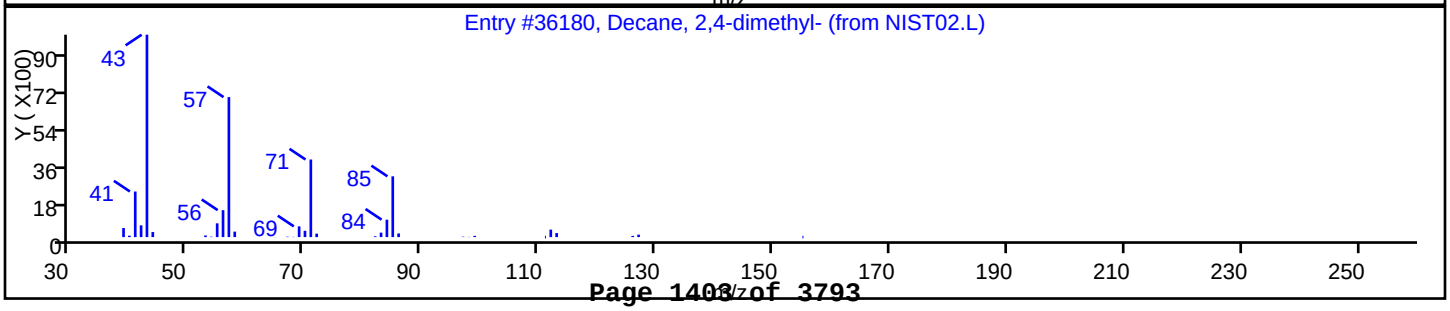
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane	112-40-3	NIST02.L	36156	C12H26	170	58
Decane	124-18-5	NIST02.L	18418	C10H22	142	47
Decane, 2,4-dimethyl-	2801-84-5	NIST02.L	36180	C12H26	170	47











Report Date: 15-Mar-2014 15:20:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367344.D

Injection Date: 14-Mar-2014 10:29:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-36-A Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

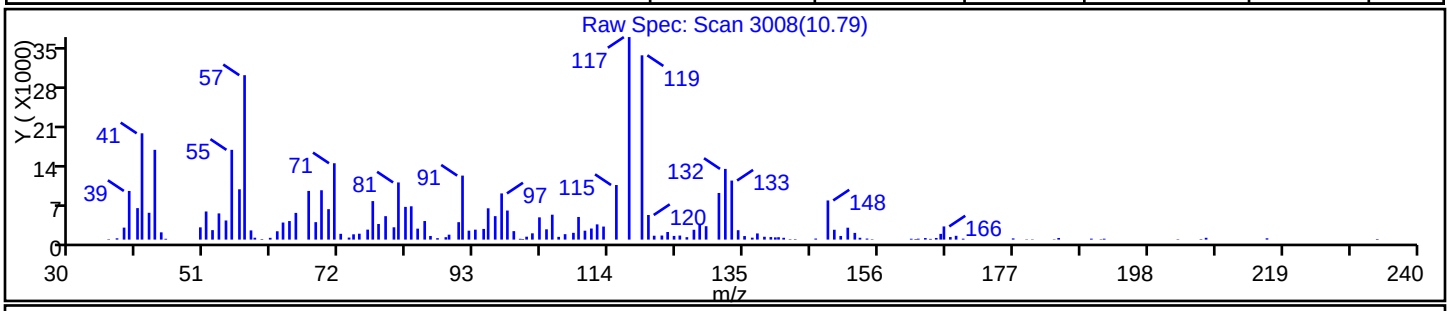
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12

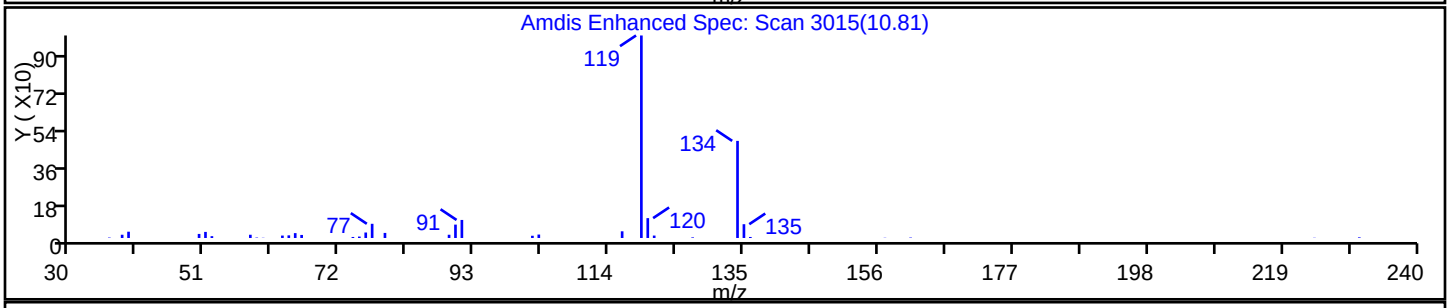
Purge Vol: 5.000 mL Dil. Factor: 1.0000

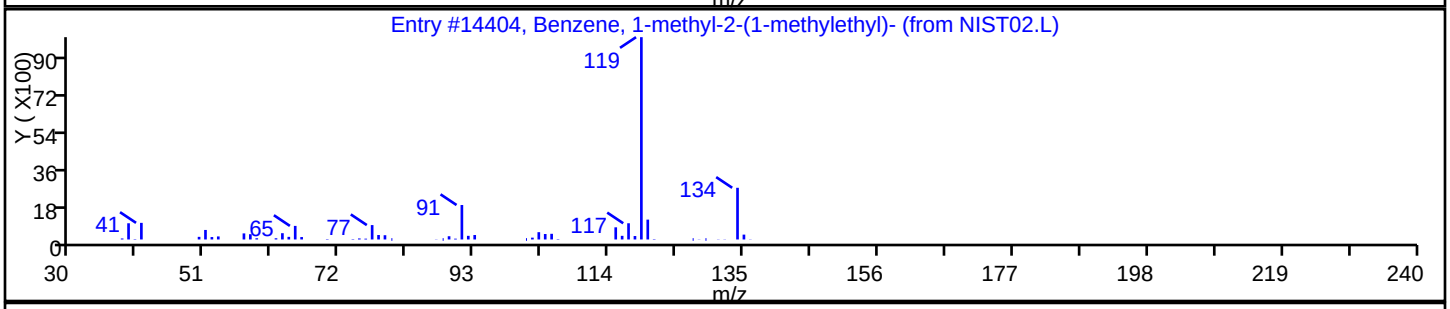
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

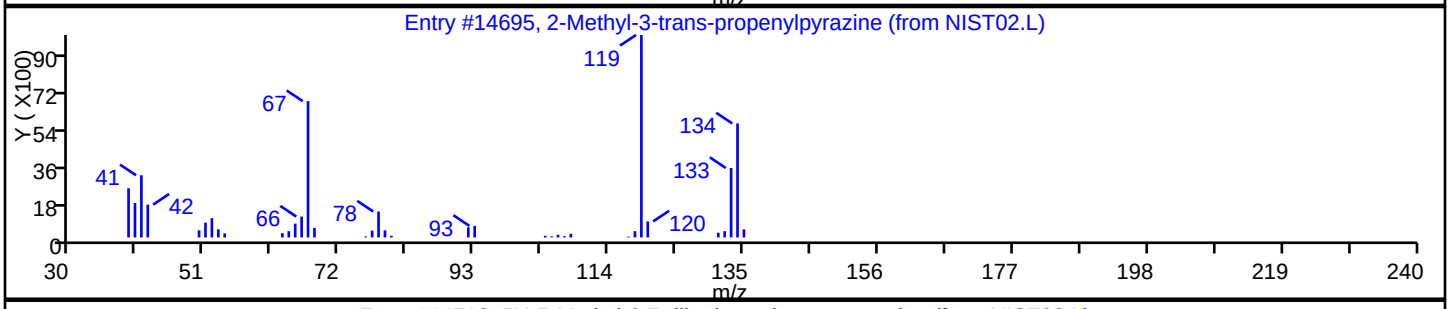
Column: Detector MS SCAN

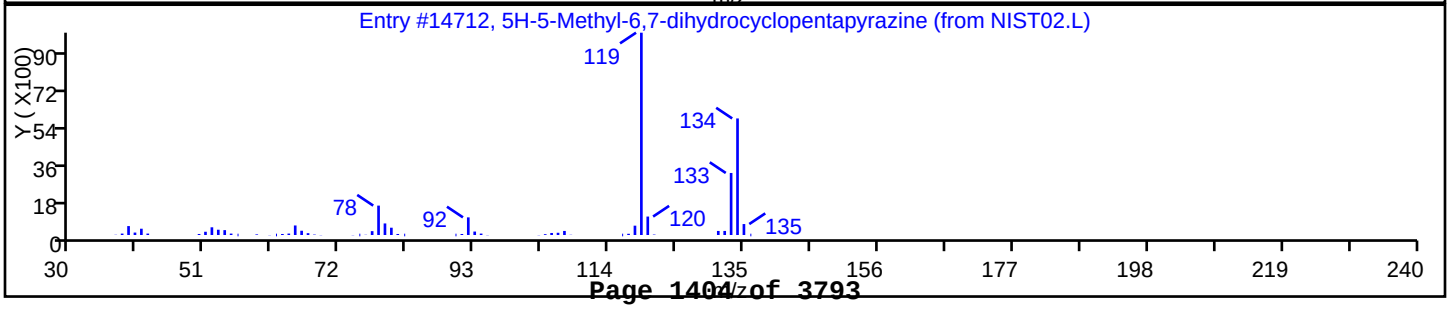
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14404	C10H14	134	86
2-Methyl-3-trans-propenylpyrazine	232255-41-3	NIST02.L	14695	C8H10N2	134	80
5H-5-Methyl-6,7-dihydrocyclopentapyrazin	23747-48-0	NIST02.L	14712	C8H10N2	134	80











Report Date: 15-Mar-2014 15:20:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367344.D

Injection Date: 14-Mar-2014 10:29:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-36-A Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

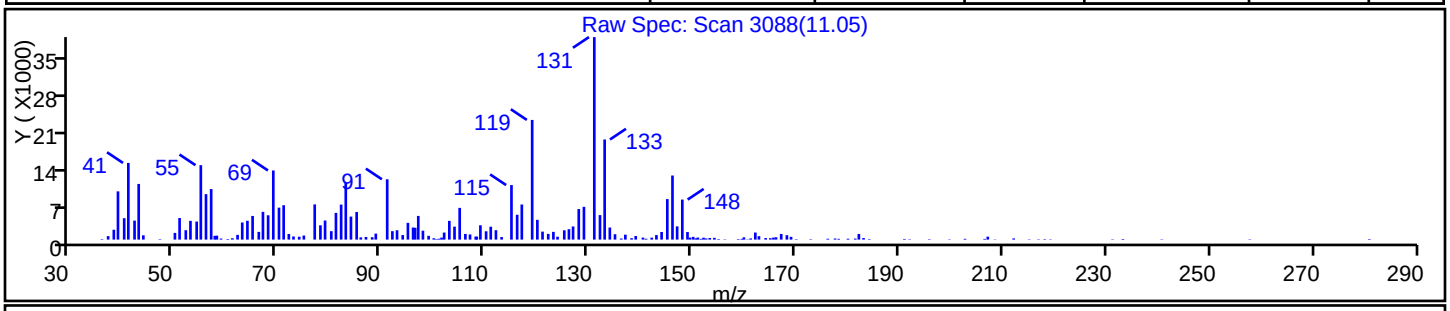
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12

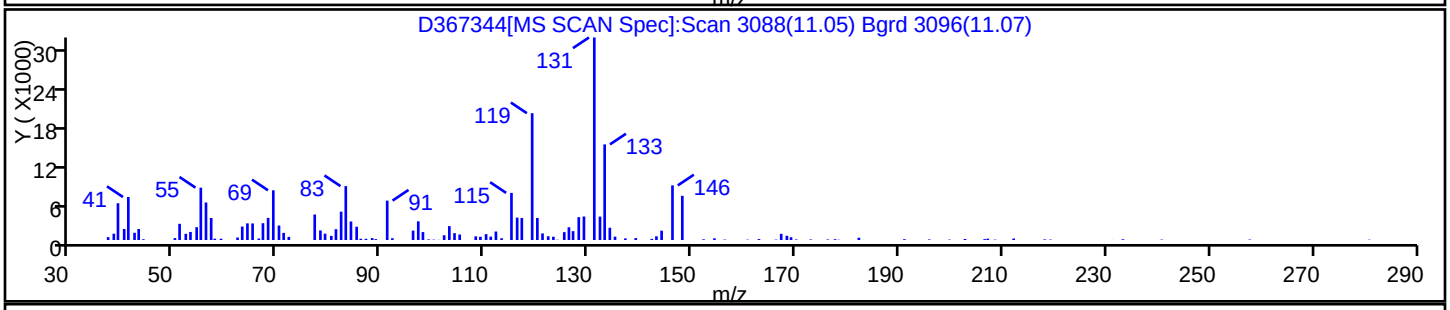
Purge Vol: 5.000 mL Dil. Factor: 1.0000

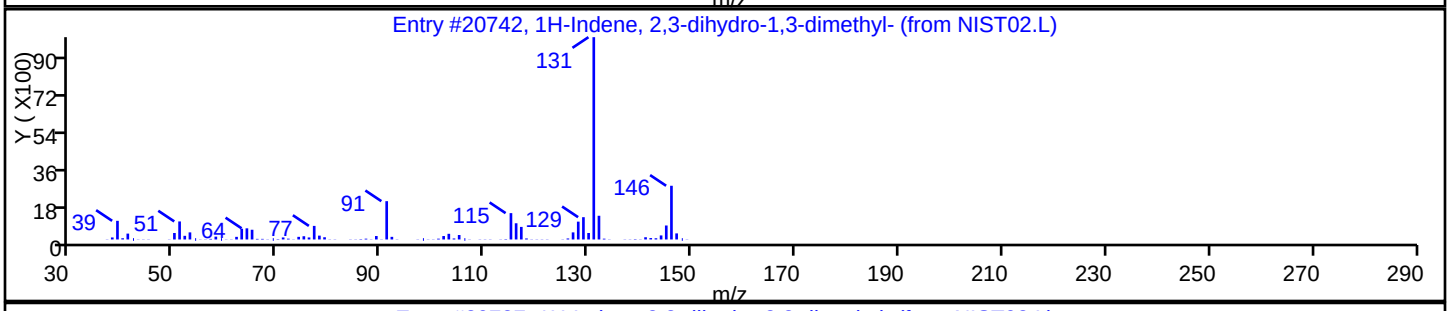
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

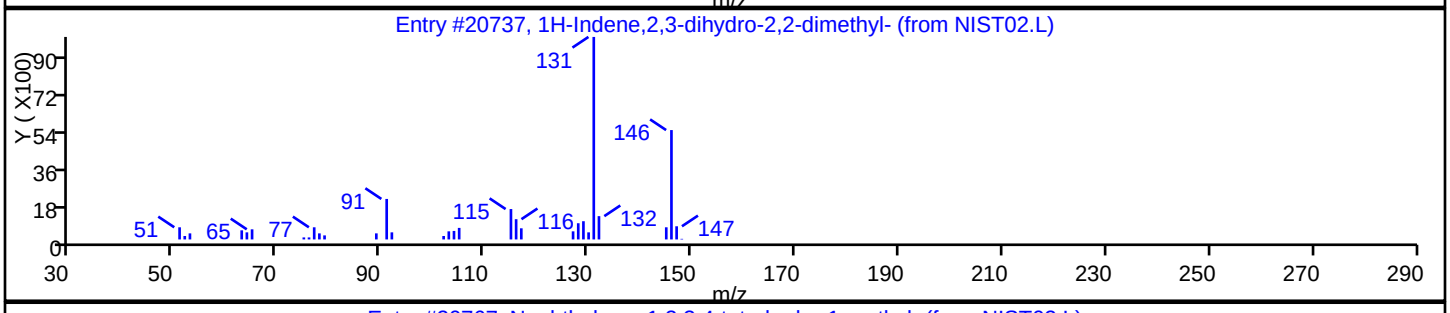
Column: Detector MS SCAN

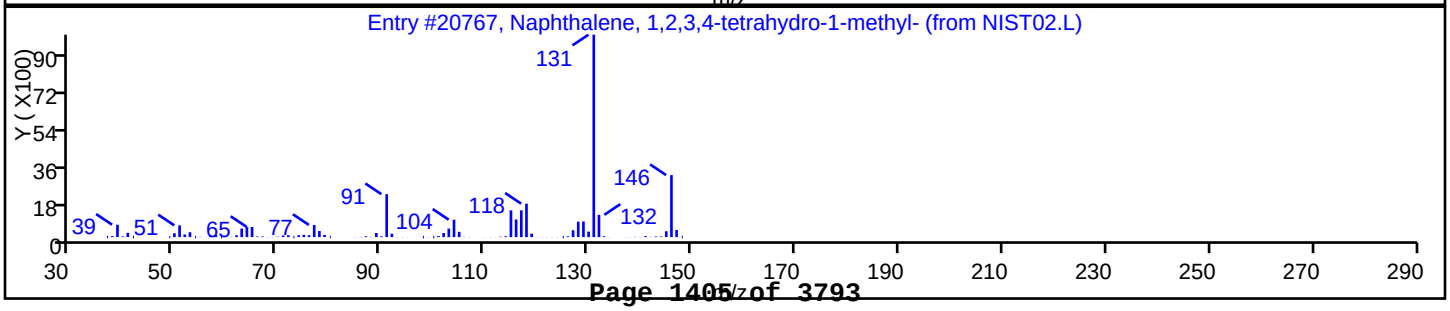
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Indene, 2,3-dihydro-1,3-dimethyl-	4175-53-5	NIST02.L	20742	C11H14	146	55
1H-Indene,2,3-dihydro-2,2-dimethyl-	20836-11-7	NIST02.L	20737	C11H14	146	55
Naphthalene, 1,2,3,4-tetrahydro-1-methyl	1559-81-5	NIST02.L	20767	C11H14	146	55











Report Date: 15-Mar-2014 15:20:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367344.D

Injection Date: 14-Mar-2014 10:29:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-36-A Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

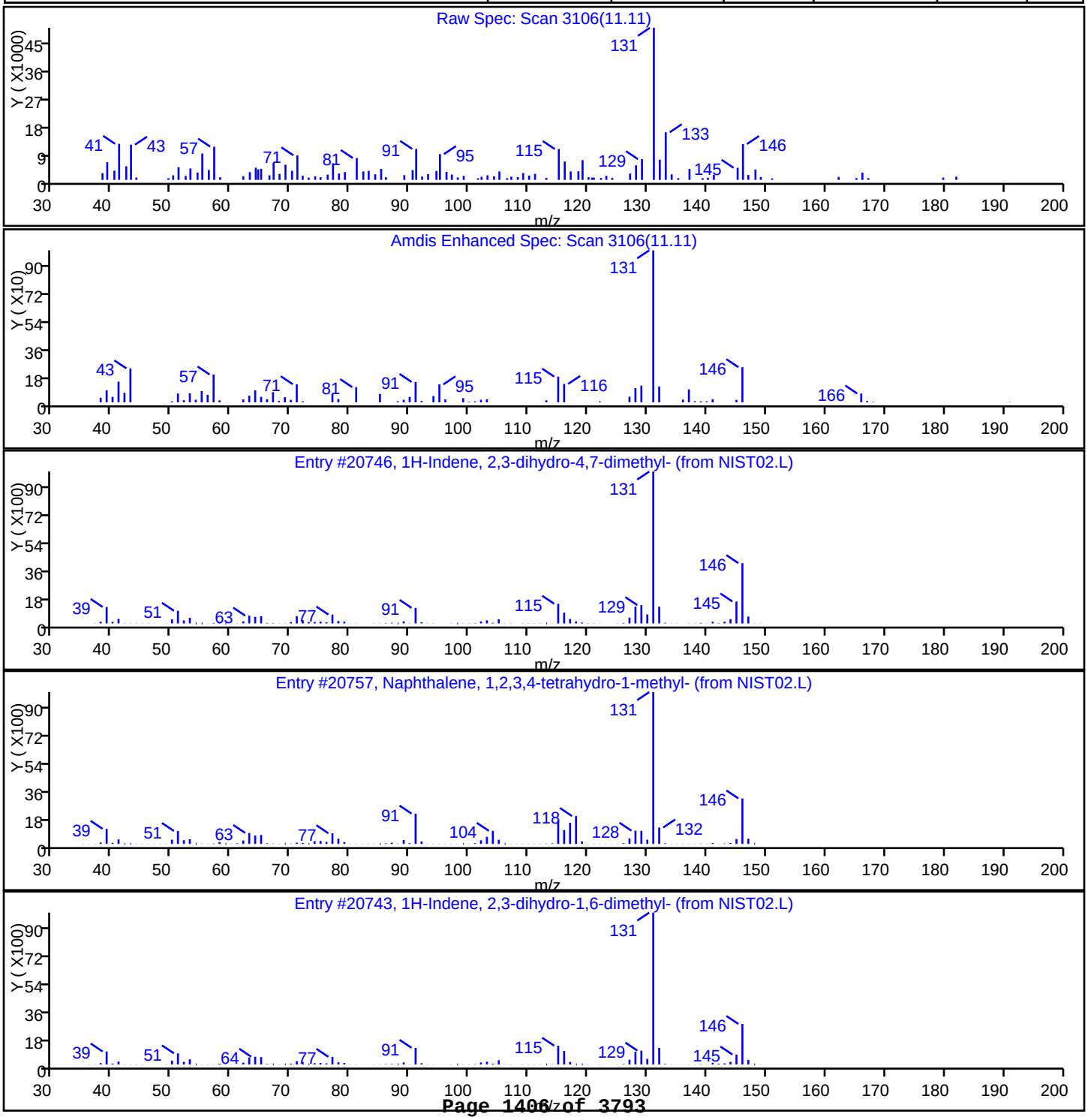
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20746	C11H14	146	87
Naphthalene, 1,2,3,4-tetrahydro-1-methyl	1559-81-5	NIST02.L	20757	C11H14	146	87
1H-Indene, 2,3-dihydro-1,6-dimethyl-	17059-48-2	NIST02.L	20743	C11H14	146	87



Report Date: 15-Mar-2014 15:20:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367344.D

Injection Date: 14-Mar-2014 10:29:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-36-A Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

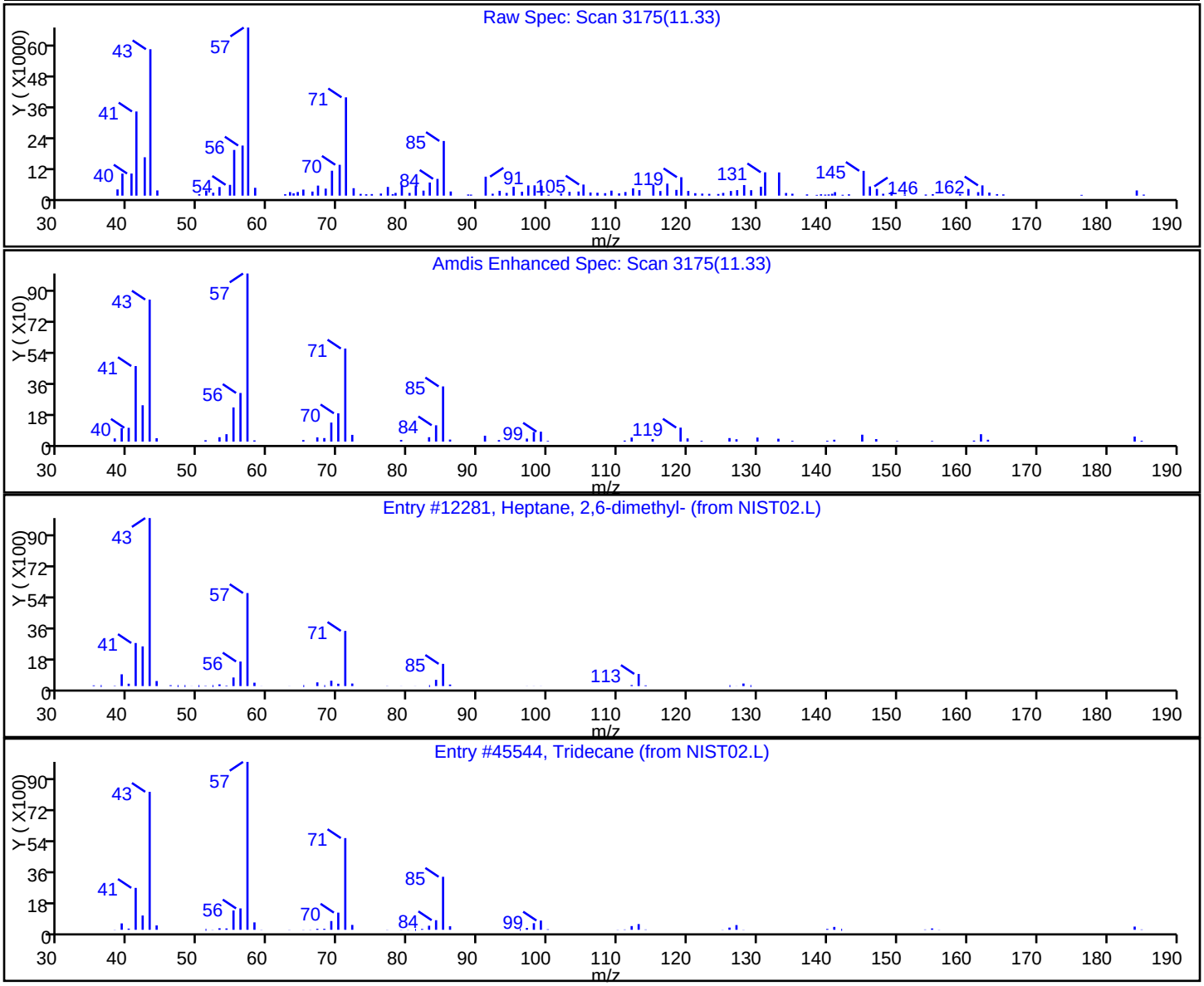
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptane, 2,6-dimethyl-	1072-05-5	NIST02.L	12281	C9H20	128	72
Tridecane	629-50-5	NIST02.L	45544	C13H28	184	70



Report Date: 15-Mar-2014 15:20:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367344.D

Injection Date: 14-Mar-2014 10:29:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-36-A Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

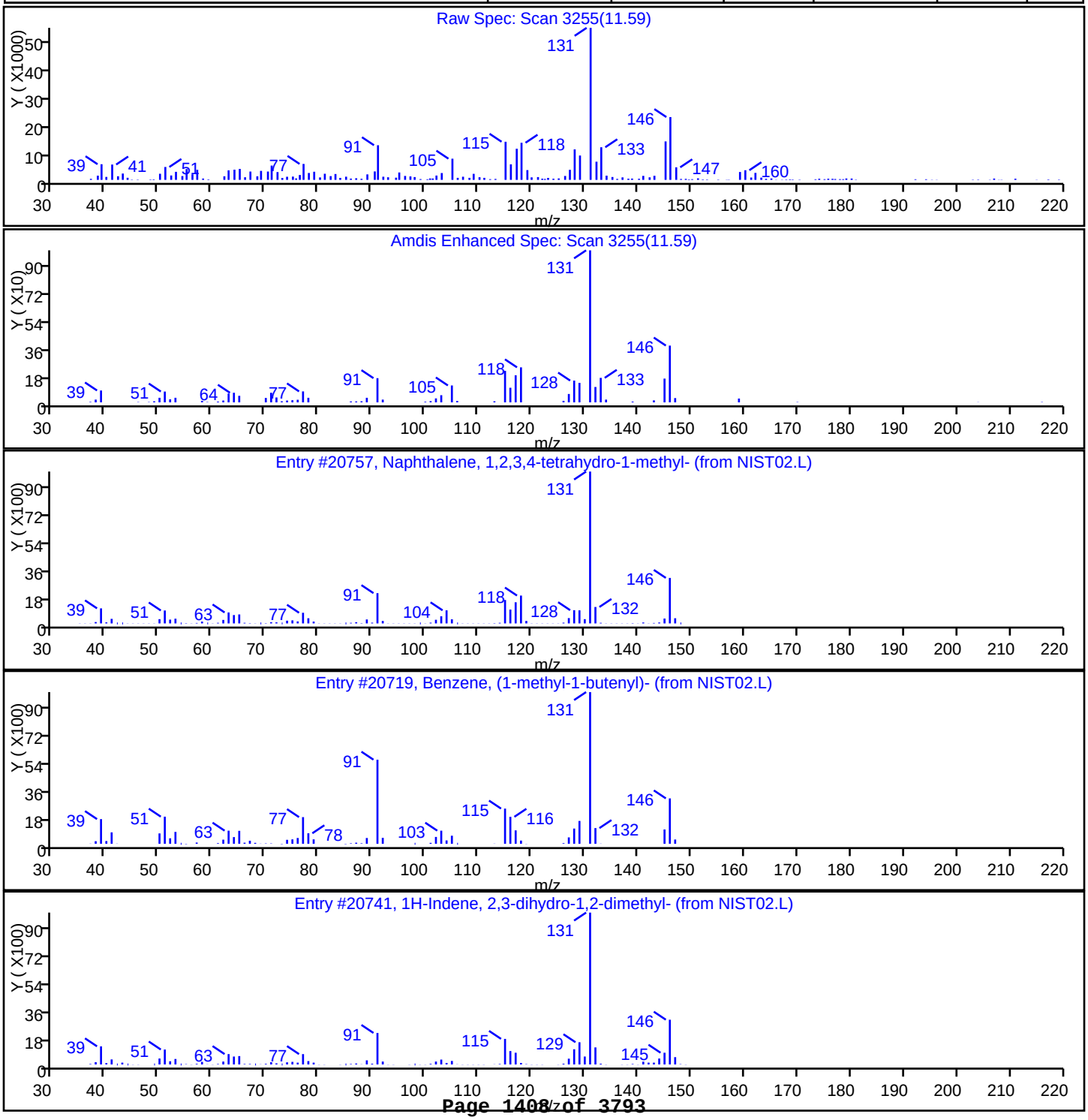
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-1-methyl	1559-81-5	NIST02.L	20757	C11H14	146	91
Benzene, (1-methyl-1-butenyl)-	53172-84-2	NIST02.L	20719	C11H14	146	81
1H-Indene, 2,3-dihydro-1,2-dimethyl-	17057-82-8	NIST02.L	20741	C11H14	146	81



Report Date: 15-Mar-2014 15:20:18 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367344.D

Injection Date: 14-Mar-2014 10:29:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-36-A Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

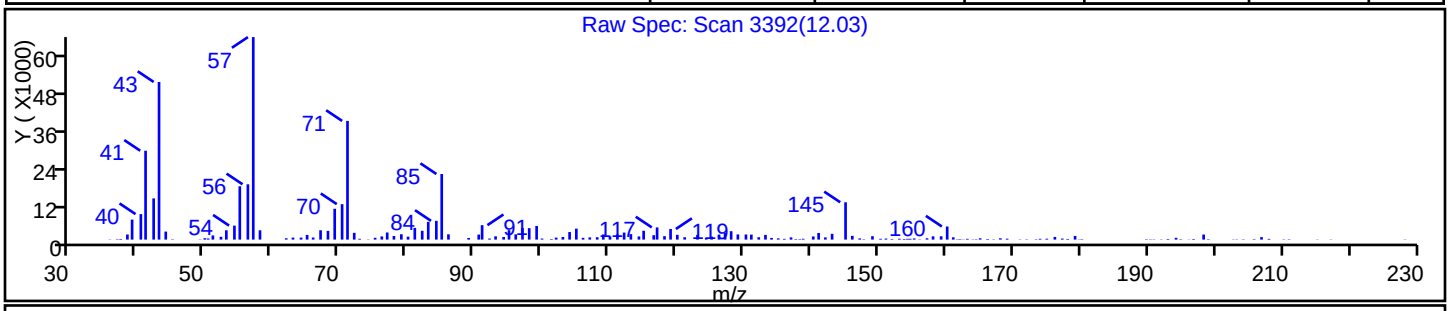
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12

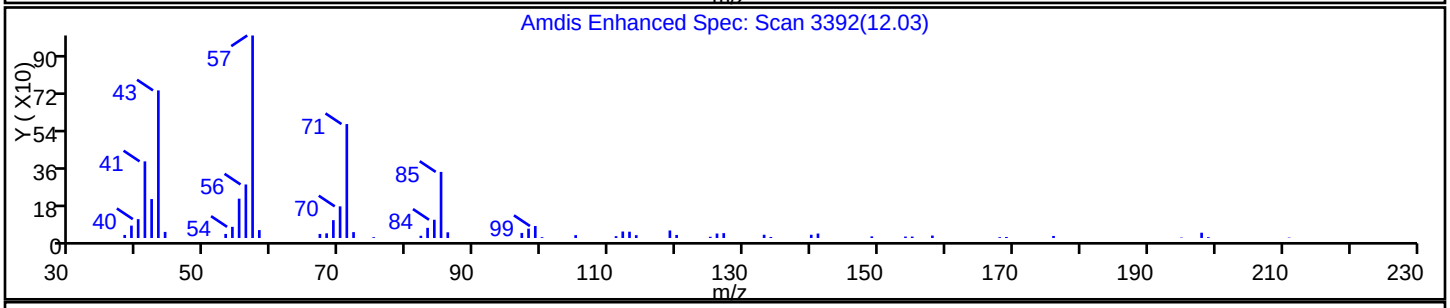
Purge Vol: 5.000 mL Dil. Factor: 1.0000

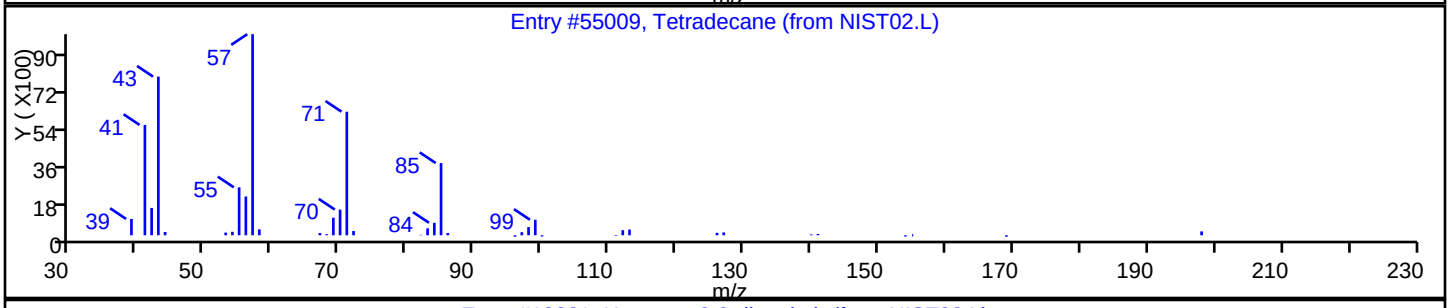
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

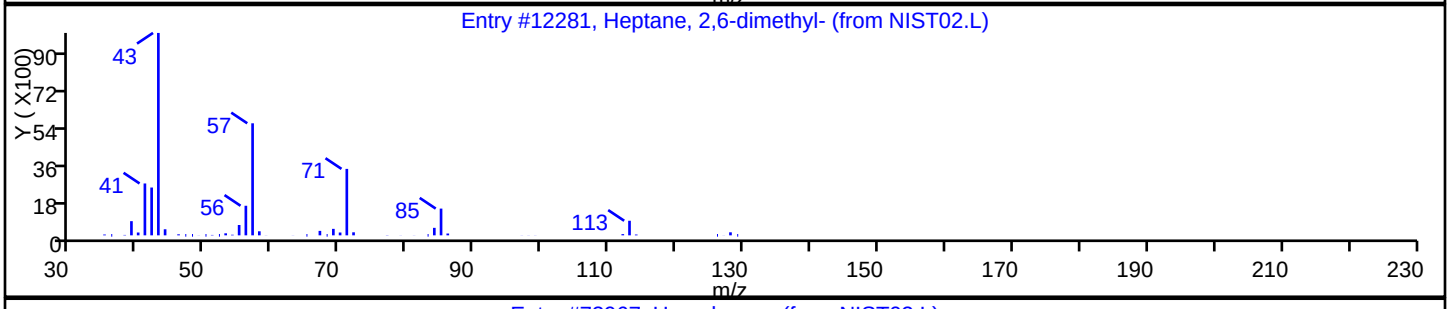
Column: Detector MS SCAN

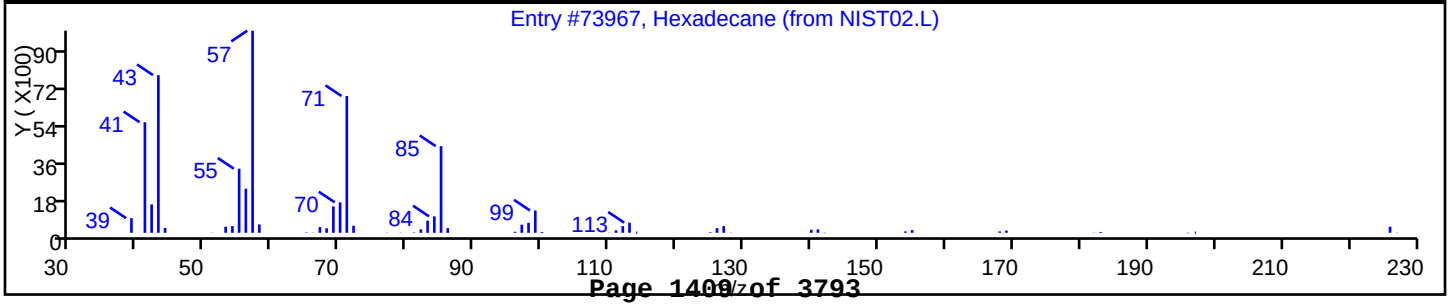
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetradecane	629-59-4	NIST02.L	55009	C14H30	198	89
Heptane, 2,6-dimethyl-	1072-05-5	NIST02.L	12281	C9H20	128	86
Hexadecane	544-76-3	NIST02.L	73967	C16H34	226	72











Report Date: 15-Mar-2014 15:20:18 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367344.D

Injection Date: 14-Mar-2014 10:29:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-36-A Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

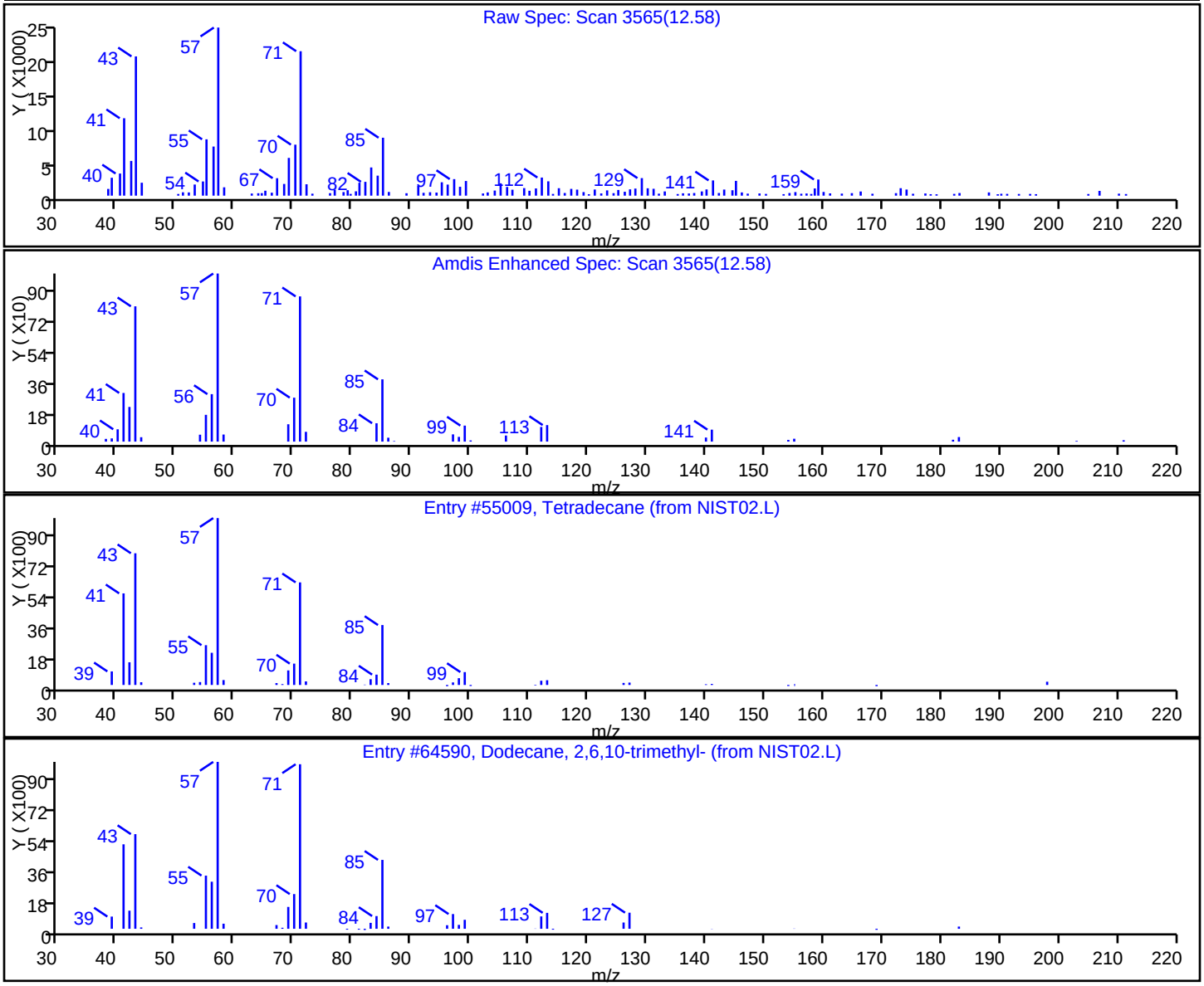
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetradecane	629-59-4	NIST02.L	55009	C14H30	198	86
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	C15H32	212	80



Report Date: 15-Mar-2014 15:20:18 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367344.D

Injection Date: 14-Mar-2014 10:29:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-36-A Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

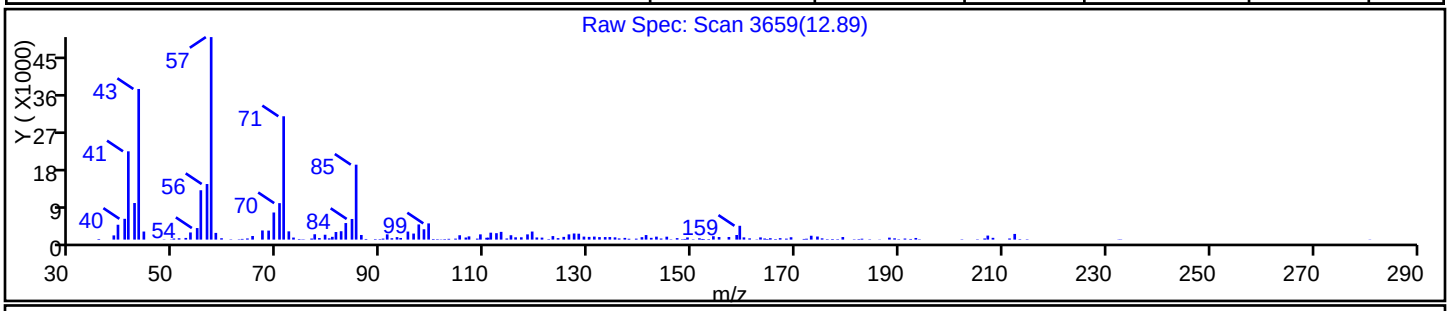
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12

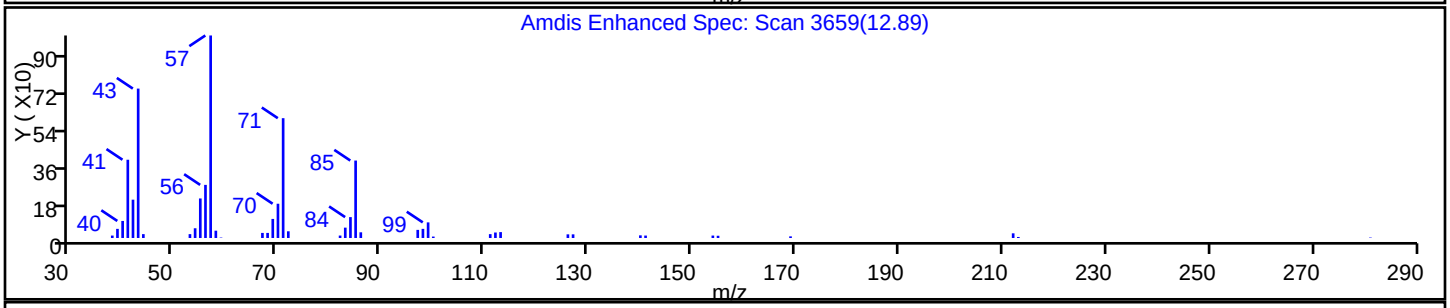
Purge Vol: 5.000 mL Dil. Factor: 1.0000

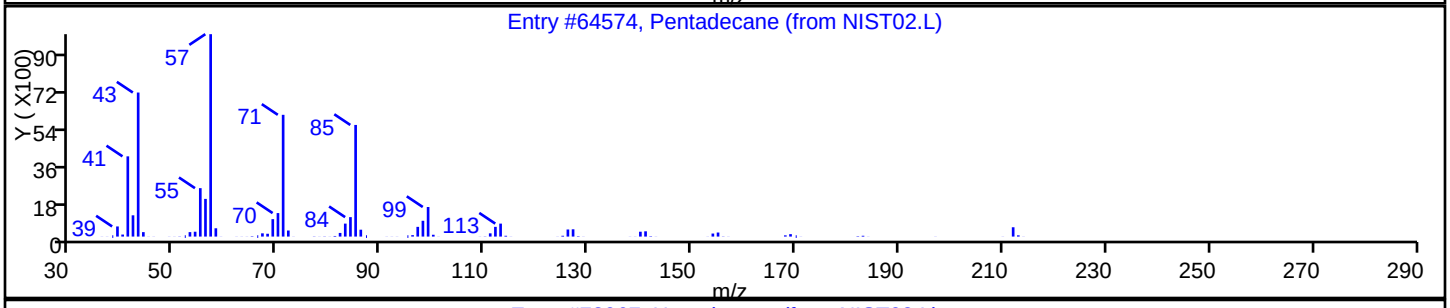
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

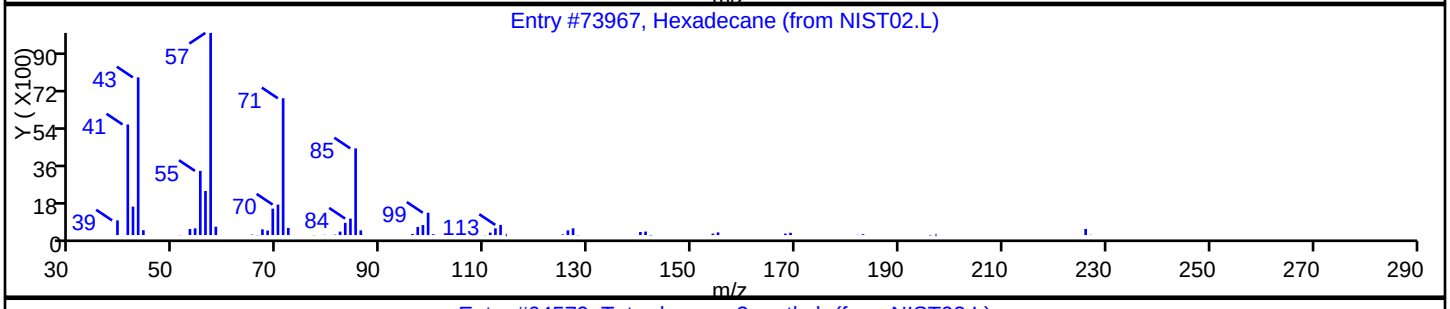
Column: Detector MS SCAN

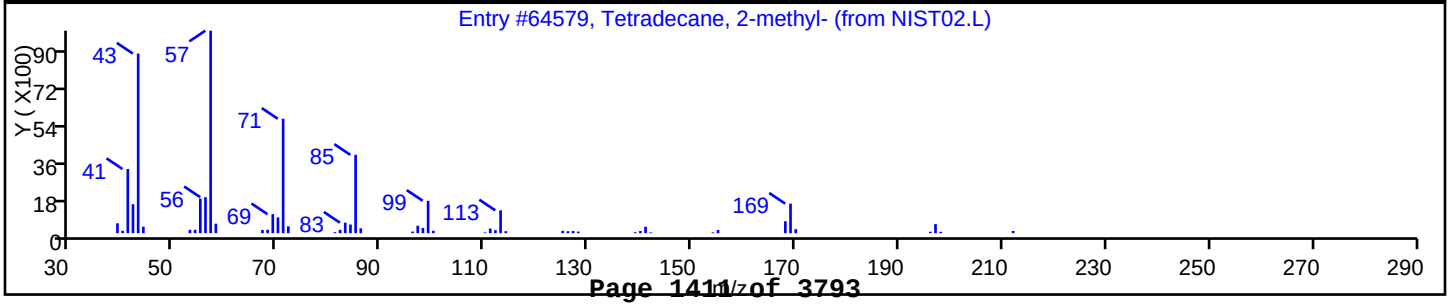
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane	629-62-9	NIST02.L	64574	C15H32	212	90
Hexadecane	544-76-3	NIST02.L	73967	C16H34	226	86
Tetradecane, 2-methyl-	1560-95-8	NIST02.L	64579	C15H32	212	83











Report Date: 15-Mar-2014 15:20:18 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367344.D

Injection Date: 14-Mar-2014 10:29:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-C-36-A Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

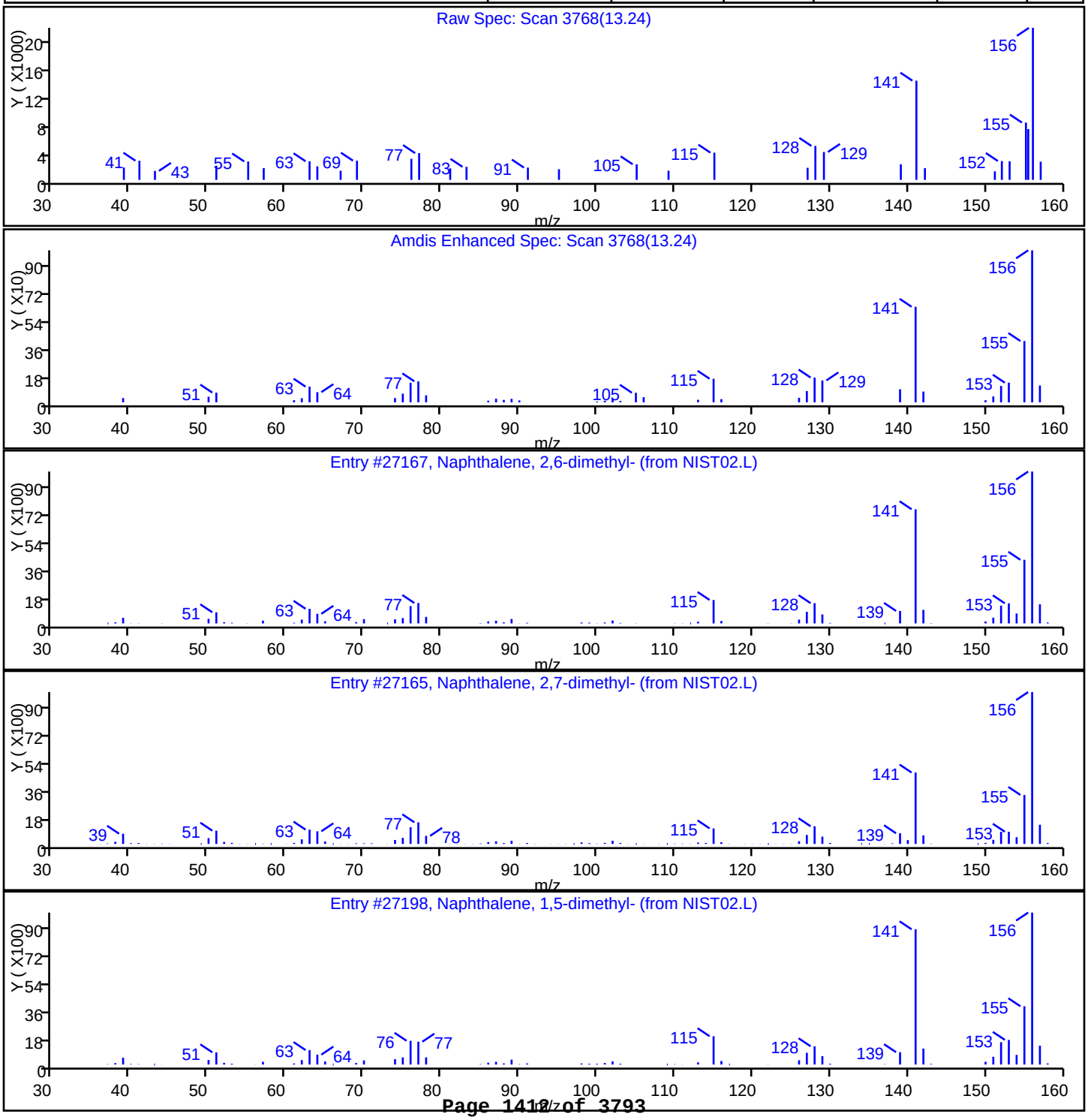
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2,6-dimethyl-	581-42-0	NIST02.L	27167	C12H12	156	96
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.L	27165	C12H12	156	95
Naphthalene, 1,5-dimethyl-	571-61-9	NIST02.L	27198	C12H12	156	95



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-WI | Lab Sample ID: 460-72174-37

Matrix: Solid | Lab File ID: D367329.D

Analysis Method: 8260B | Date Collected: 03/06/2014 15:20

Sample wt/vol: 5.551(g) | Date Analyzed: 03/14/2014 03:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.9 | Level: (low/med) Low

Analysis Batch No.: 212478 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.97	0.15
74-83-9	Bromomethane	0.42	U	0.97	0.42
75-01-4	Vinyl chloride	0.33	U	0.97	0.33
75-00-3	Chloroethane	0.32	U	0.97	0.32
75-09-2	Methylene Chloride	0.15	U	0.97	0.15
67-64-1	Acetone	1.6	U	4.8	1.6
75-15-0	Carbon disulfide	0.15	U	0.97	0.15
75-69-4	Trichlorofluoromethane	0.15	U	0.97	0.15
75-35-4	1,1-Dichloroethene	0.18	U	0.97	0.18
75-34-3	1,1-Dichloroethane	0.11	U	0.97	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	0.97	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	0.97	0.11
67-66-3	Chloroform	1.0		0.97	0.23
78-93-3	2-Butanone	0.61	U	4.8	0.61
107-06-2	1,2-Dichloroethane	0.17	U	0.97	0.17
71-55-6	1,1,1-Trichloroethane	0.13	U	0.97	0.13
56-23-5	Carbon tetrachloride	0.15	U	0.97	0.15
71-43-2	Benzene	0.15	U	0.97	0.15
75-25-2	Bromoform	0.16	U	0.97	0.16
100-42-5	Styrene	0.27	U	0.97	0.27
100-41-4	Ethylbenzene	0.16	U	0.97	0.16
108-90-7	Chlorobenzene	0.17	U	0.97	0.17
110-82-7	Cyclohexane	0.13	U	0.97	0.13
98-82-8	Isopropylbenzene	0.11	U	0.97	0.11
591-78-6	2-Hexanone	0.13	U	4.8	0.13
1634-04-4	MTBE	0.11	U	0.97	0.11
76-13-1	Freon TF	0.11	U	0.97	0.11
79-20-9	Methyl acetate	0.31	U	4.8	0.31
123-91-1	1,4-Dioxane	12	U	19	12
79-01-6	Trichloroethene	0.12	U	0.97	0.12
108-88-3	Toluene	0.14	U	0.97	0.14
10061-02-6	trans-1,3-Dichloropropene	0.097	U	0.97	0.097
108-10-1	4-Methyl-2-pentanone	0.19	U	4.8	0.19
10061-01-5	cis-1,3-Dichloropropene	0.14	U	0.97	0.14
95-50-1	1,2-Dichlorobenzene	0.097	U *	0.97	0.097
541-73-1	1,3-Dichlorobenzene	0.15	U *	0.97	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-WI | Lab Sample ID: 460-72174-37

Matrix: Solid | Lab File ID: D367329.D

Analysis Method: 8260B | Date Collected: 03/06/2014 15:20

Sample wt/vol: 5.551(g) | Date Analyzed: 03/14/2014 03:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.9 | Level: (low/med) Low

Analysis Batch No.: 212478 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U *	0.97	0.11
120-82-1	1,2,4-Trichlorobenzene	22	*	0.97	0.18
87-61-6	1,2,3-Trichlorobenzene	25	*	0.97	0.15
78-87-5	1,2-Dichloropropane	0.15	U	0.97	0.15
108-87-2	Methylcyclohexane	0.097	U	0.97	0.097
127-18-4	Tetrachloroethene	10		0.97	0.12
1330-20-7	Xylenes, Total	0.94	J	1.9	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	0.43	U *	0.97	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.087	U *	0.97	0.087
79-00-5	1,1,2-Trichloroethane	0.14	U	0.97	0.14
124-48-1	Dibromochloromethane	0.097	U	0.97	0.097
106-93-4	1,2-Dibromoethane	0.15	U	0.97	0.15
75-71-8	Dichlorodifluoromethane	0.21	U	0.97	0.21
74-97-5	Bromochloromethane	0.11	U	0.97	0.11
75-27-4	Bromodichloromethane	0.31	U	0.97	0.31

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-130
2037-26-5	Toluene-d8 (Surr)	107		70-130
460-00-4	Bromofluorobenzene	107	*	70-130
1868-53-7	Dibromofluoromethane (Surr)	96		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-WI Lab Sample ID: 460-72174-37

Matrix: Solid Lab File ID: D367329.D

Analysis Method: 8260B Date Collected: 03/06/2014 15:20

Sample wt/vol: 5.551(g) Date Analyzed: 03/14/2014 03:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.9 Level: (low/med) Low

Analysis Batch No.: 212478 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 5940

CAS NO.	COMPOUND NAME	RT	RESULT	Q
540-84-1	Pentane, 2,2,4-trimethyl-	3.93	1200	J N
565-75-3	Pentane, 2,3,4-trimethyl-	5.09	1600	J N
560-21-4	Pentane, 2,3,3-trimethyl-	5.23	1300	J N
3522-94-9	Hexane, 2,2,5-trimethyl-	5.72	520	J N
15869-87-1	Octane, 2,2-dimethyl-	8.70	210	J N
17302-32-8	Nonane, 3,7-dimethyl-	9.51	170	J N
62199-06-8	Heptane, 5-ethyl-2,2,3-trimethyl-	9.68	300	J N
61142-70-9	Cyclohexane, 2,4-diethyl-1-methyl-	9.96	220	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	10.39	210	J N
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-	10.79	210	J N

Report Date: 15-Mar-2014 14:22:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367329.D
Lims ID: 460-72174-B-37-A Lab Sample ID: 460-72174-37
Client ID: PMP-10SW-WI
Sample Type: Client
Inject. Date: 14-Mar-2014 03:04:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-37-A
Misc. Info.: 460-0010833-022
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 14:22:15 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: baronm Date: 15-Mar-2014 14:22:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.618	2.635	-0.017	78	96762	1000.0	
47 Chloroform	83	3.548	3.551	-0.003	62	4082	1.05	
$ 152 Dibromofluoromethane (Surr)	113	3.696	3.699	-0.003	91	71012	48.1	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.142	4.146	-0.004	96	68937	53.6	
* 59 Fluorobenzene	96	4.403	4.410	-0.007	83	336100	50.0	
* 150 1,4-Dioxane-d8	96	5.400	5.377	0.023	11	8277	1000.0	M
$ 76 Toluene-d8 (Surr)	98	6.072	6.075	-0.003	87	281608	53.4	
80 Tetrachloroethene	166	6.580	6.577	0.003	95	17962	10.3	
* 87 Chlorobenzene-d5	117	7.779	7.776	0.003	86	152619	50.0	
92 o-Xylene	106	8.361	8.364	-0.003	51	2944	0.9706	M
$ 99 4-Bromofluorobenzene	174	8.859	8.856	0.003	11	40044	53.7	
* 116 1,4-Dichlorobenzene-d4	152	9.724	9.721	0.003	51	50731	50.0	s
124 1,2,4-Trichlorobenzene	180	11.091	11.091	0.0	8	33630	23.1	M
128 1,2,3-Trichlorobenzene	180	11.451	11.448	0.003	5	31569	25.8	M
S 131 Xylenes, Total	100				0		0.9706	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367329.D
Lims ID: 460-72174-B-37-A Lab Sample ID: 460-72174-37
Client ID: PMP-10SW-WI
Sample Type: Client
Inject. Date: 14-Mar-2014 03:04:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-37-A
Misc. Info.: 460-0010833-022
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 14:22:15 Calib Date: 12-Mar-2014 20:41:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 40

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: baronm Date: 15-Mar-2014 14:22:15

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
540-84-1 Pentane, 2,2,4-trimethyl-								
3.933	20229539	1273.2	59	83	7468	C8H18	114	
565-75-3 Pentane, 2,3,4-trimethyl-								
5.091	26192683	1648.5	59	87	7465	C8H18	114	
560-21-4 Pentane, 2,3,3-trimethyl-								
5.226	21986590	1383.8	59	72	7458	C8H18	114	
3522-94-9 Hexane, 2,2,5-trimethyl-								
5.721	8462142	532.6	59	83	12301	C9H20	128	
15869-87-1 Octane, 2,2-dimethyl-								
8.699	6564352	215.4	87	72	18446	C10H22	142	
17302-32-8 Nonane, 3,7-dimethyl-								
9.509	5277123	176.5	116	76	27137	C11H24	156	
62199-06-8 Heptane, 5-ethyl-2,2,3-trimethyl-								
9.682	9307865	311.3	116	64	36202	C12H26	170	
61142-70-9 Cyclohexane, 2,4-diethyl-1-methyl-								
9.959	6926952	231.6	116	64	25879	C11H22	154	
2958-76-1 Naphthalene, decahydro-2-methyl-								
10.393	6530354	218.4	116	97	24327	C11H20	152	
1618-22-0 Naphthalene, decahydro-2,6-dimethyl-								
10.785	6589376	220.3	116	86	33325	C12H22	166	

Report Date: 15-Mar-2014 14:22:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367329.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 59 Fluorobenzene	4.406	794447	50.0
* 87 Chlorobenzene-d5	7.769	1523612	50.0
* 116 1,4-Dichlorobenzene-d4	9.763	1495237	50.0

QC Flag Legend

Processing Flags

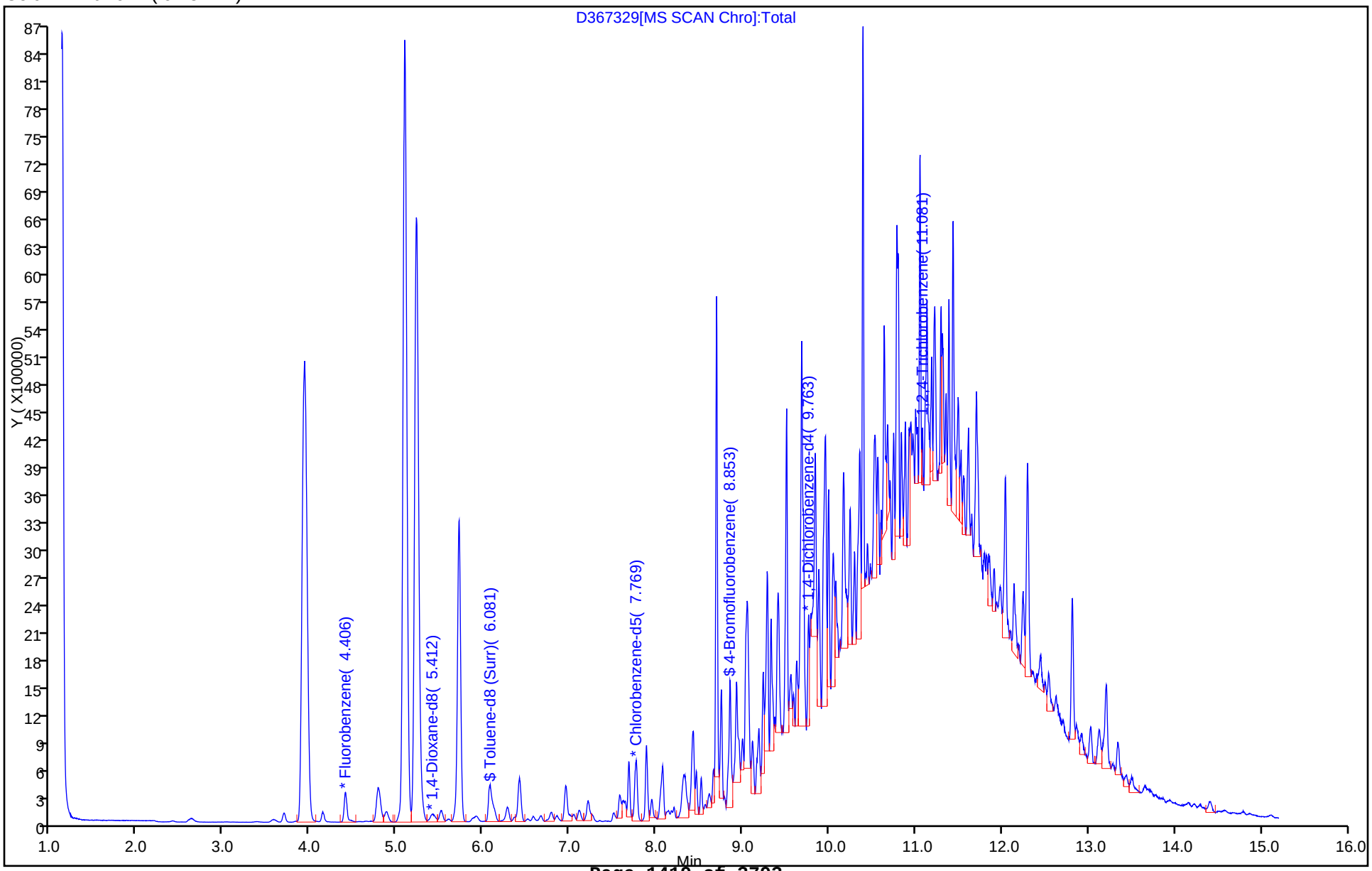
Report Date: 15-Mar-2014 14:22:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367329.D

Injection Date:	14-Mar-2014 03:04:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-B-37-A	Lab Sample ID:	460-72174-37	Worklist Smp#:	22
Client ID:	PMP-10SW-WI				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



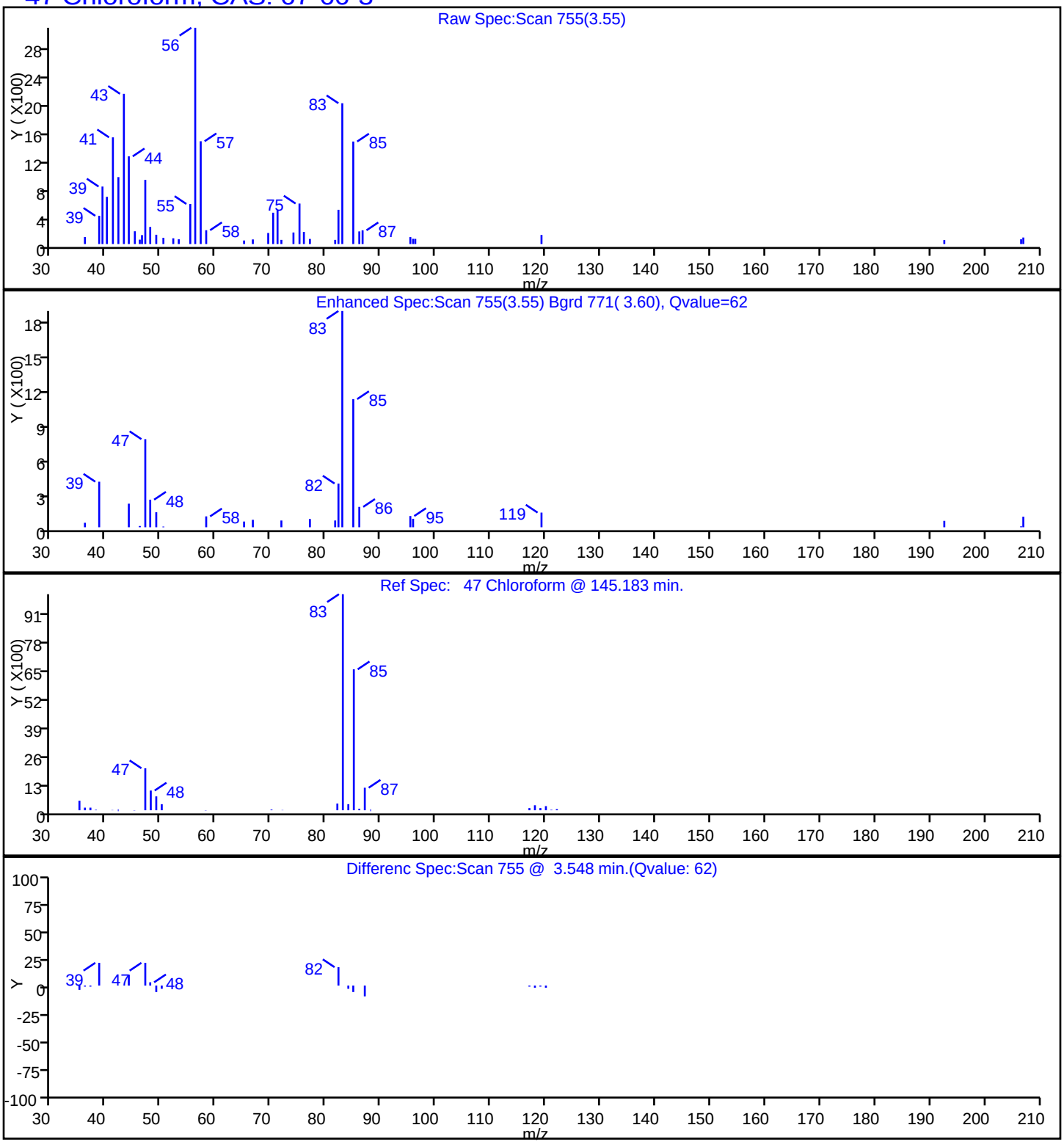
Report Date: 15-Mar-2014 14:22:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367329.D

Injection Date:	14-Mar-2014 03:04:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-37-A	Lab Sample ID:	460-72174-37		
Client ID:	PMP-10SW-WI				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

47 Chloroform, CAS: 67-66-3



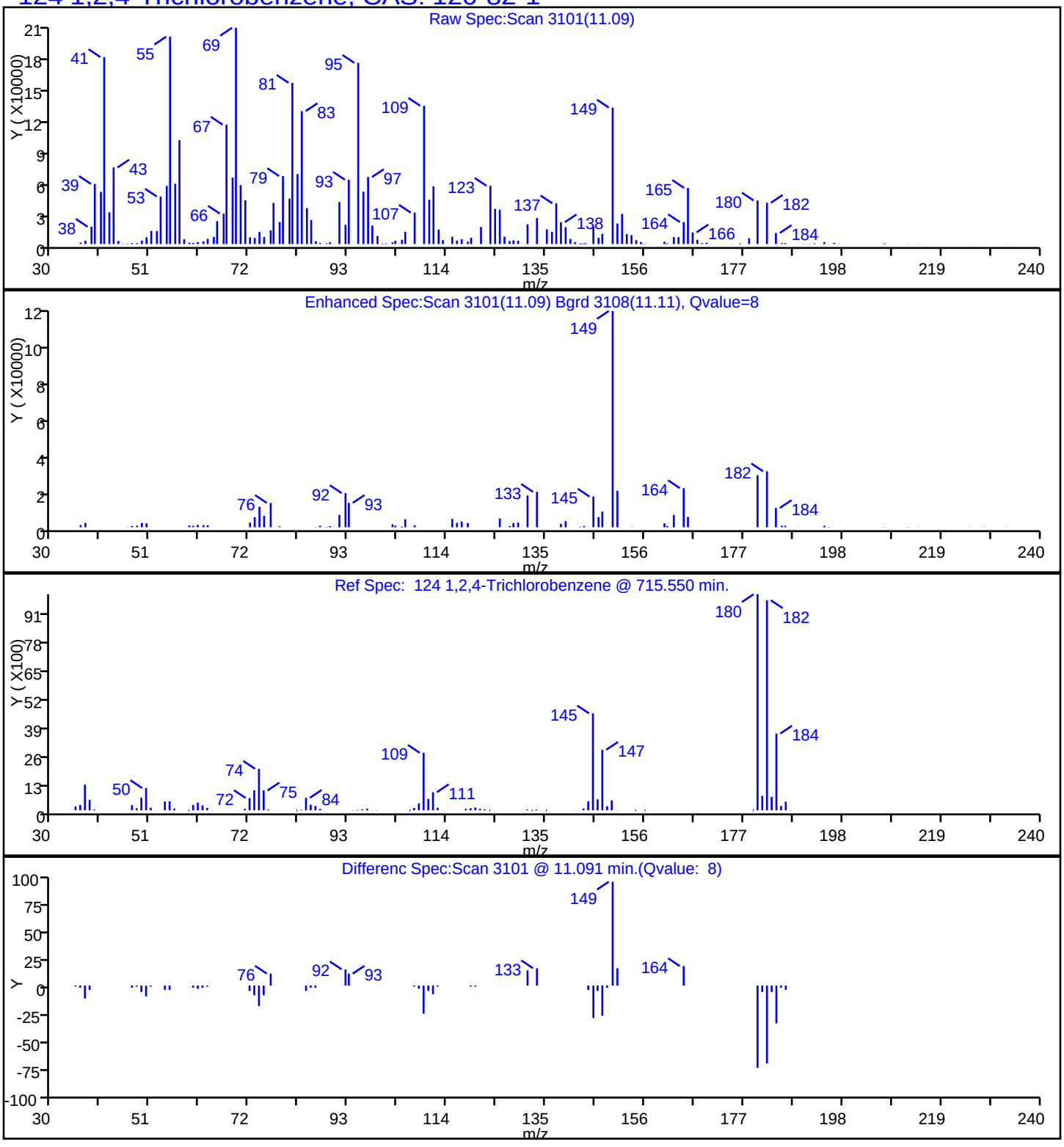
Report Date: 15-Mar-2014 14:22:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367329.D

Injection Date:	14-Mar-2014 03:04:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-37-A	Lab Sample ID:	460-72174-37		
Client ID:	PMP-10SW-WI				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



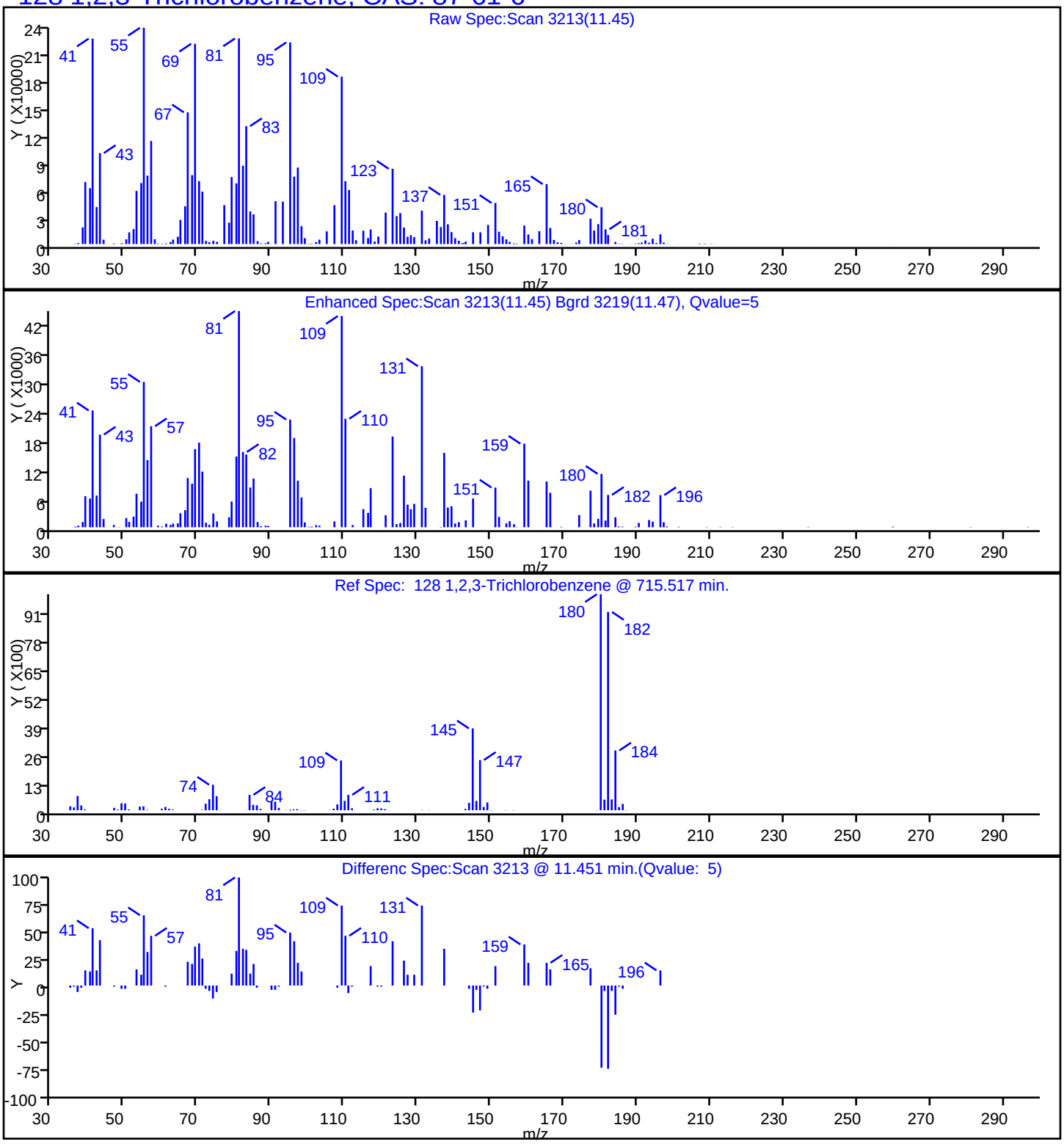
Report Date: 15-Mar-2014 14:22:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367329.D

Injection Date:	14-Mar-2014 03:04:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-37-A	Lab Sample ID:	460-72174-37		
Client ID:	PMP-10SW-WI				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



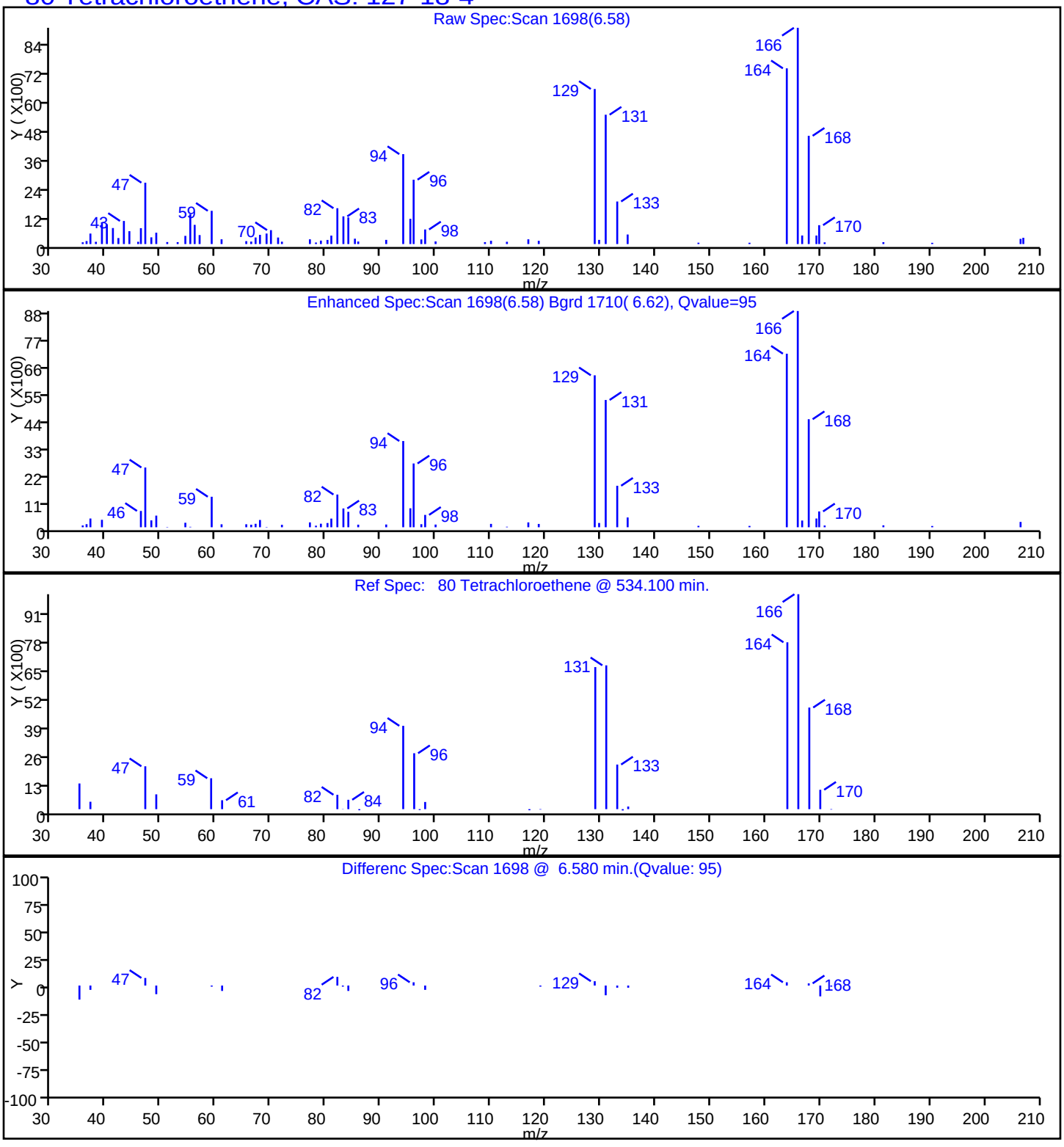
Report Date: 15-Mar-2014 14:22:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367329.D

Injection Date:	14-Mar-2014 03:04:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-37-A	Lab Sample ID:	460-72174-37		
Client ID:	PMP-10SW-WI				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

80 Tetrachloroethene, CAS: 127-18-4



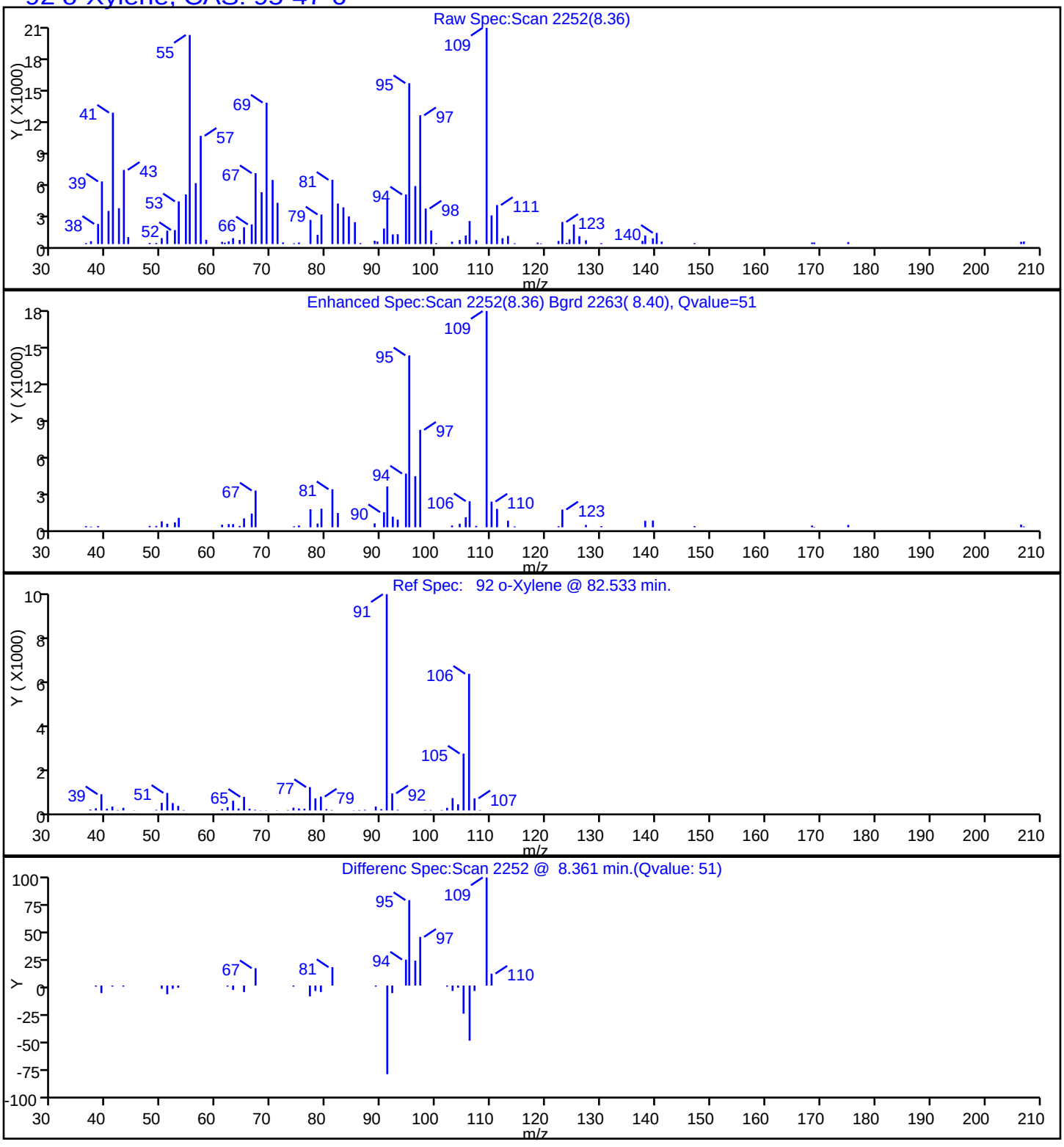
Report Date: 15-Mar-2014 14:22:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367329.D

Injection Date:	14-Mar-2014 03:04:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-37-A	Lab Sample ID:	460-72174-37		
Client ID:	PMP-10SW-WI				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

92 o-Xylene, CAS: 95-47-6



Manual Integration/User Assign Peak Report

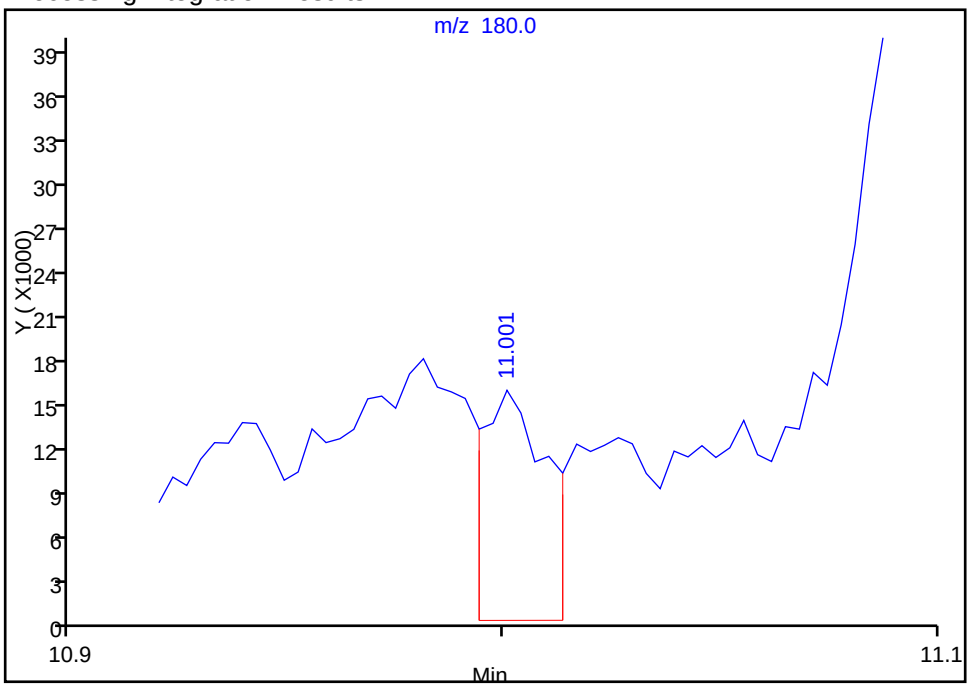
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367329.D				
Injection Date:	14-Mar-2014 03:04:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-37-A	Lab Sample ID:	460-72174-37		
Client ID:	PMP-10SW-WI				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1

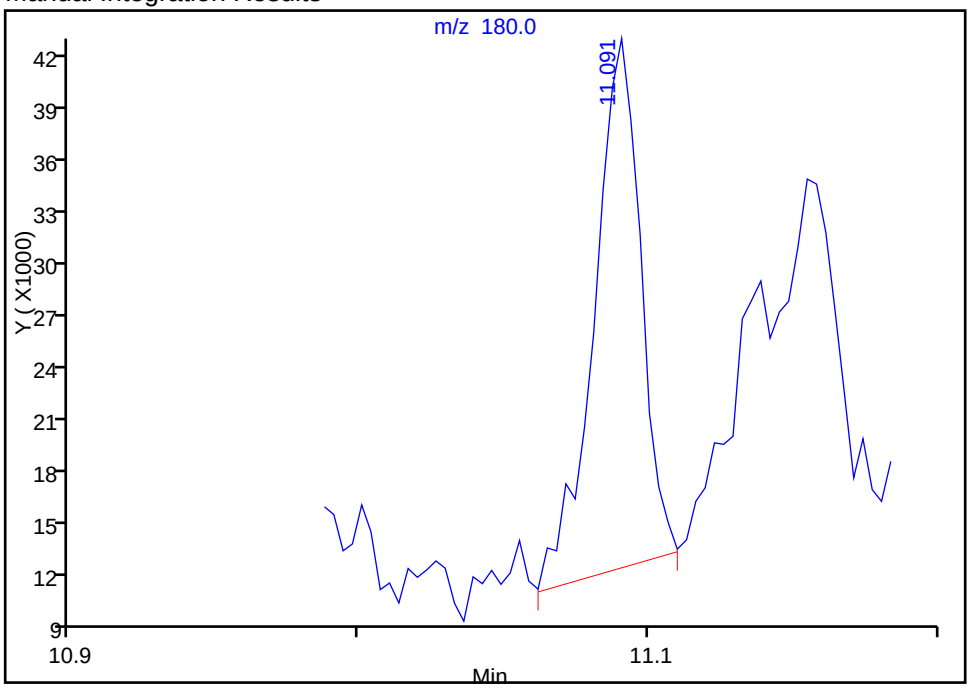
Processing Integration Results

RT: 11.00
Response: 16750
Amount: 11.495697



Manual Integration Results

RT: 11.09
Response: 33630
Amount: 23.080614



Reviewer: baronm, 15-Mar-2014 14:22:15
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

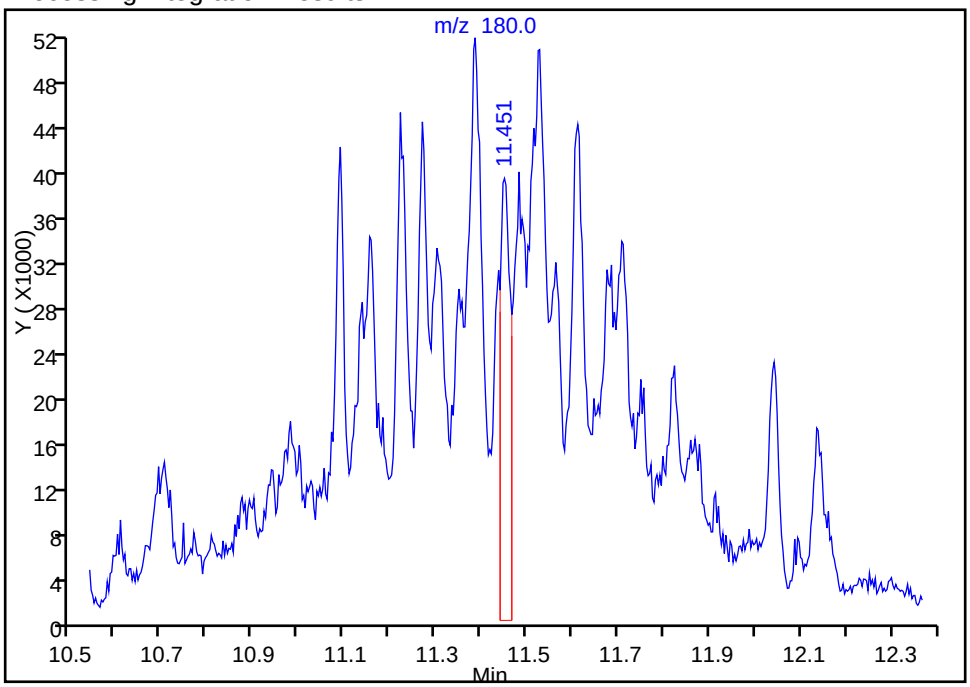
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367329.D				
Injection Date:	14-Mar-2014 03:04:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-37-A	Lab Sample ID:	460-72174-37		
Client ID:	PMP-10SW-WI				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6

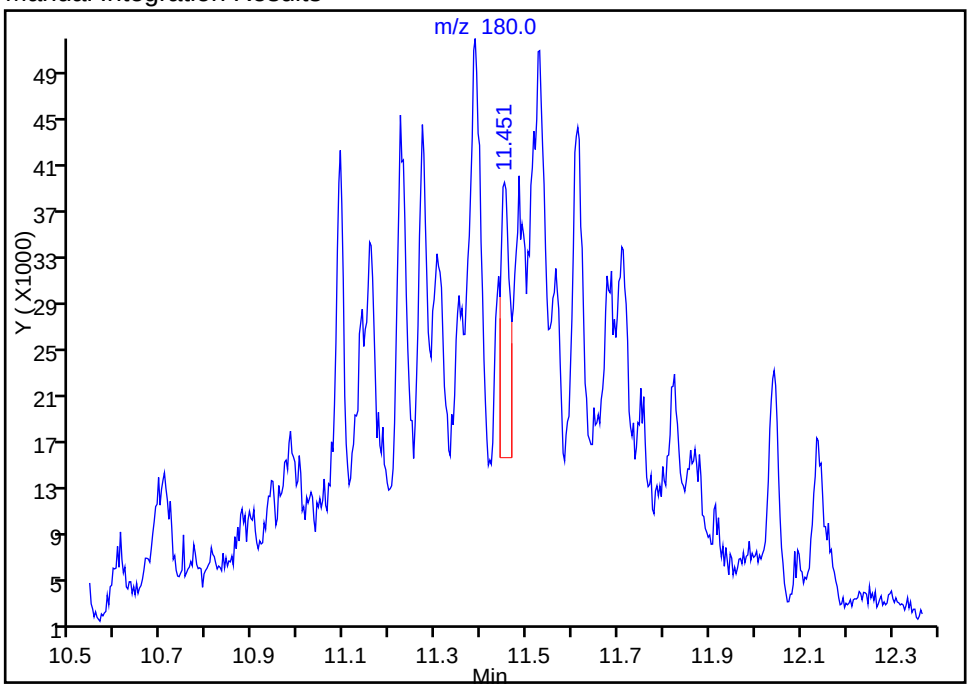
Processing Integration Results

RT: 11.45
Response: 58164
Amount: 47.508982



Manual Integration Results

RT: 11.45
Response: 31569
Amount: 25.785899



Reviewer: baronm, 15-Mar-2014 14:22:15
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

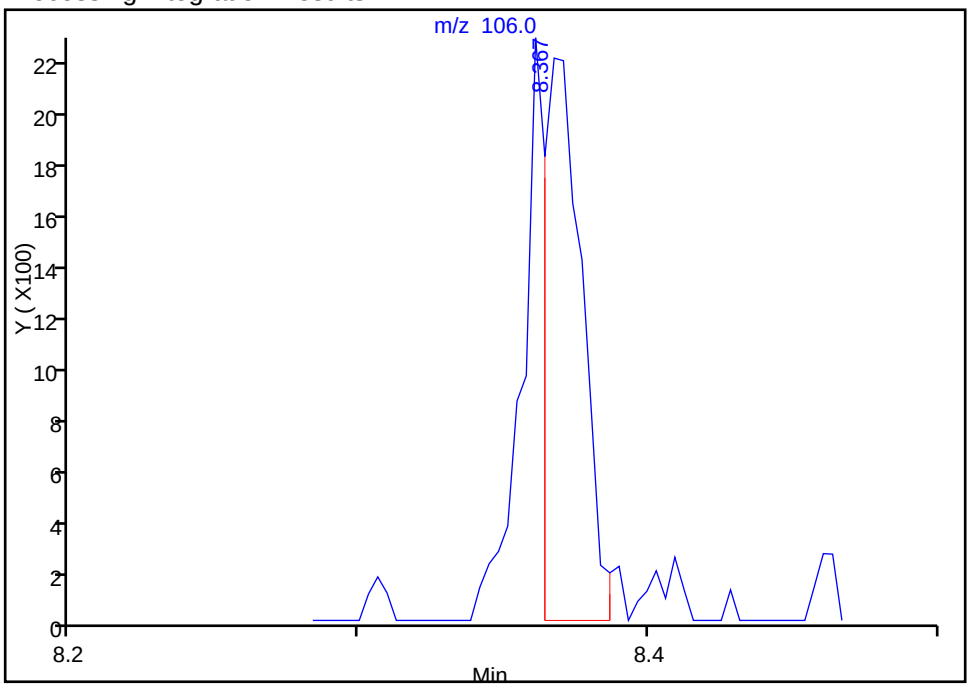
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367329.D
Injection Date: 14-Mar-2014 03:04:30 Instrument ID: CVOAMS4
Lims ID: 460-72174-B-37-A Lab Sample ID: 460-72174-37
Client ID: PMP-10SW-WI
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

92 o-Xylene, CAS: 95-47-6

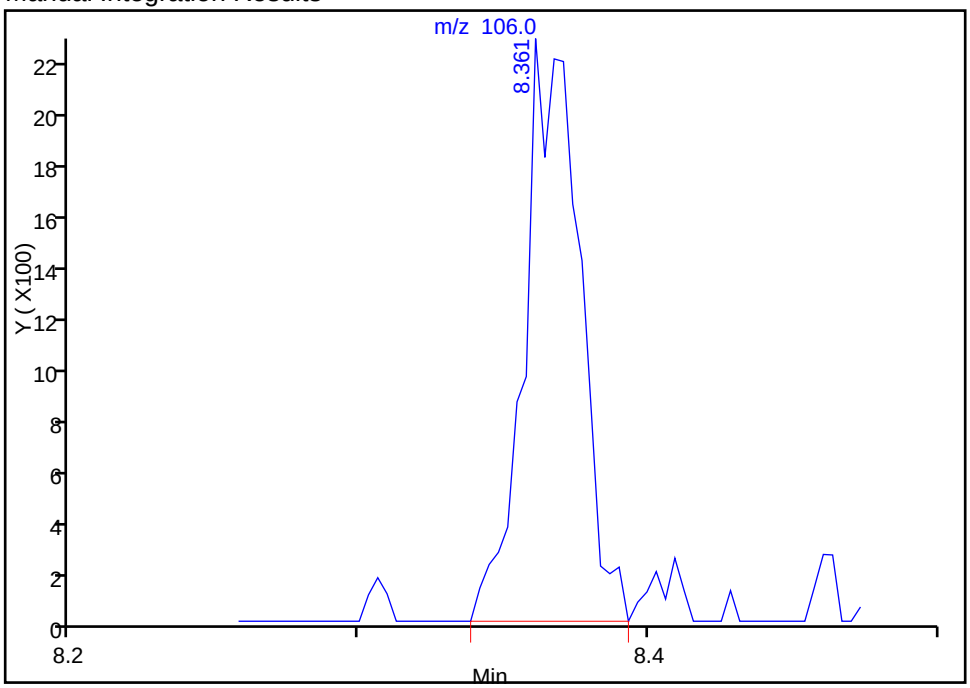
Processing Integration Results

RT: 8.37
Response: 1955
Amount: 0.644560



Manual Integration Results

RT: 8.36
Response: 2944
Amount: 0.970631



Reviewer: baronm, 15-Mar-2014 14:20:06
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Report Date: 15-Mar-2014 14:22:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367329.D

Injection Date: 14-Mar-2014 03:04:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-37-A Lab Sample ID: 460-72174-37

Client ID: PMP-10SW-WI

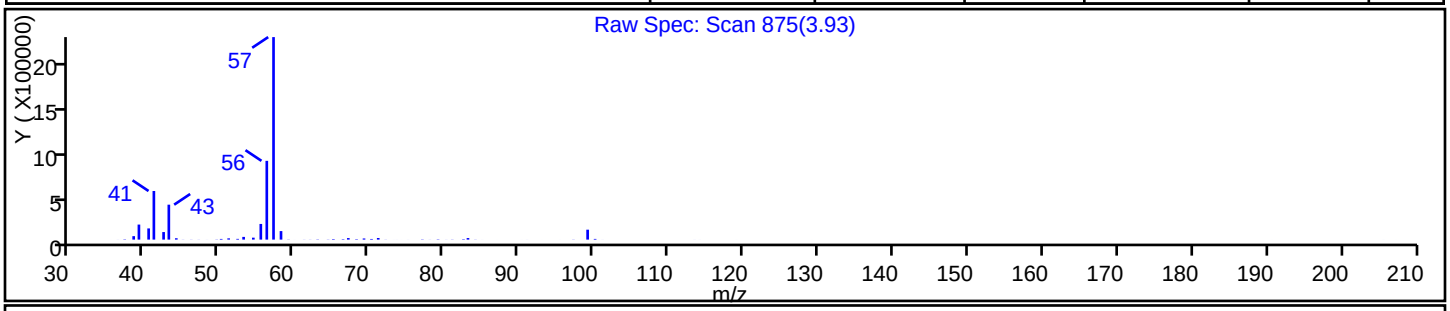
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

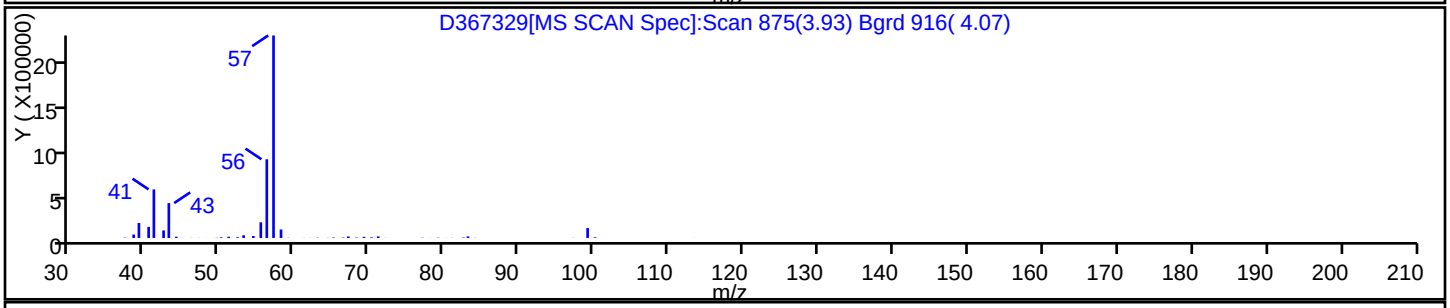
Purge Vol: 5.000 mL Dil. Factor: 1.0000

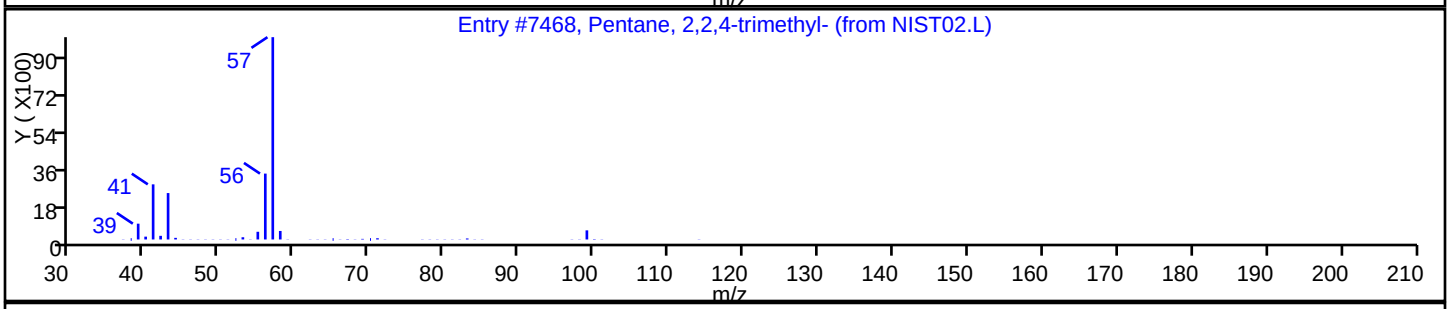
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

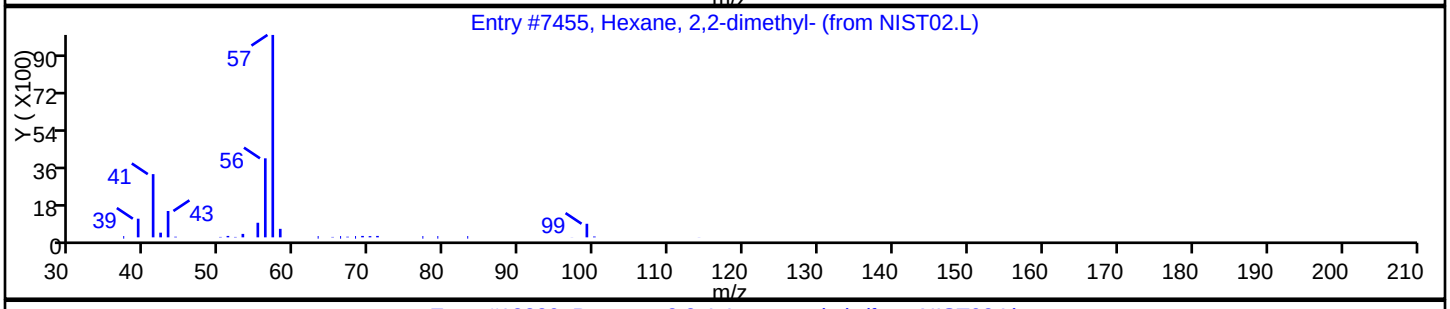
Column: Detector MS SCAN

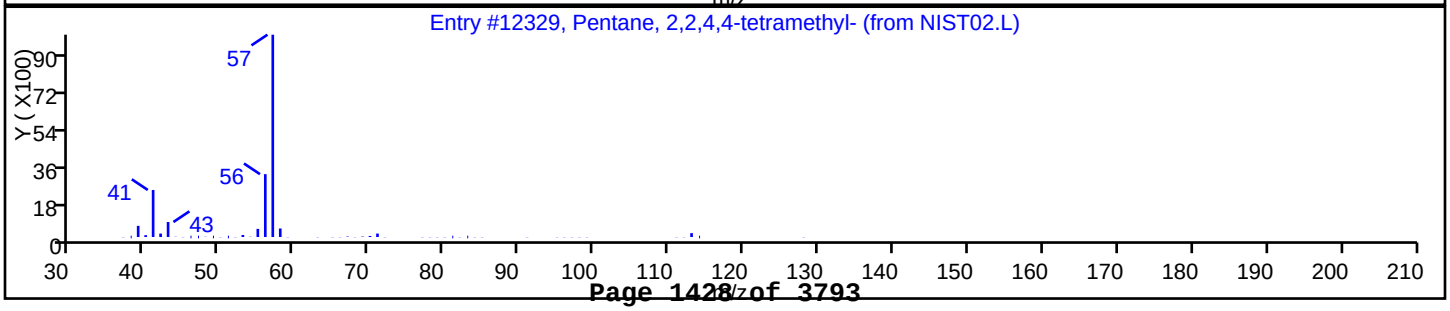
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 2,2,4-trimethyl-	540-84-1	NIST02.L	7468	C8H18	114	83
Hexane, 2,2-dimethyl-	590-73-8	NIST02.L	7455	C8H18	114	83
Pentane, 2,2,4,4-tetramethyl-	1070-87-7	NIST02.L	12329	C9H20	128	64











Report Date: 15-Mar-2014 14:22:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367329.D

Injection Date: 14-Mar-2014 03:04:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-37-A Lab Sample ID: 460-72174-37

Client ID: PMP-10SW-WI

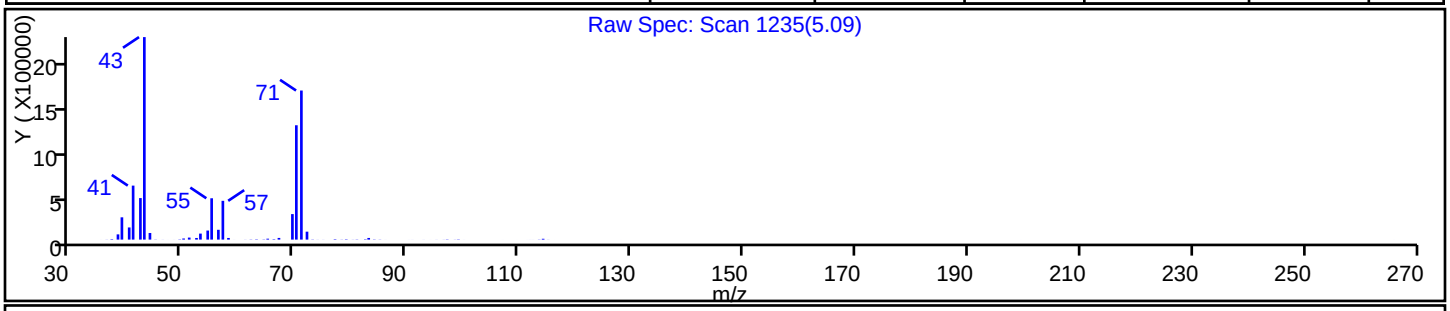
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

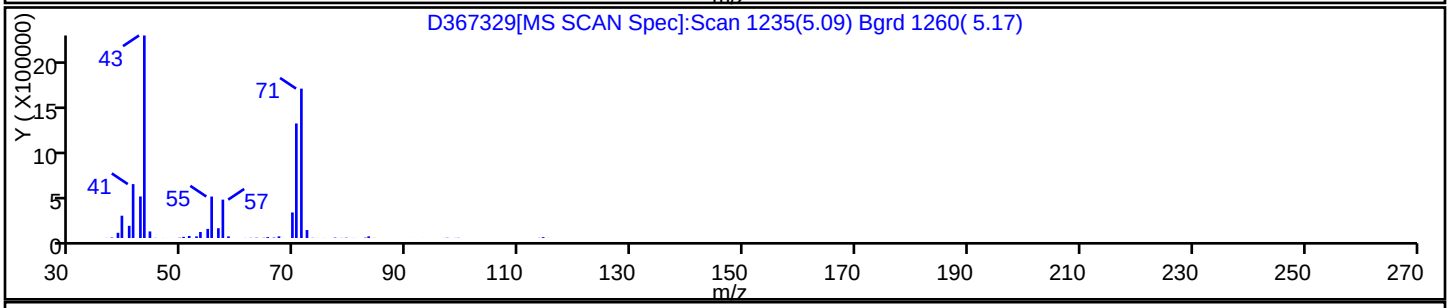
Purge Vol: 5.000 mL Dil. Factor: 1.0000

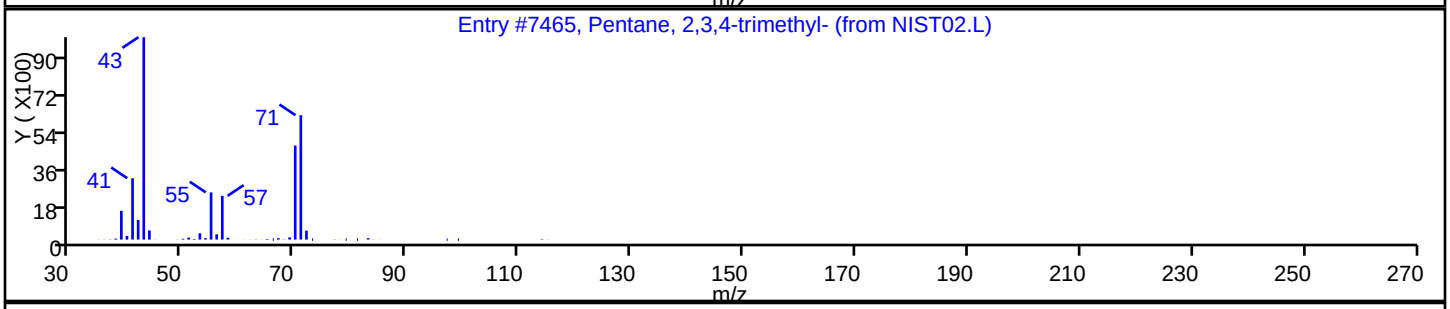
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

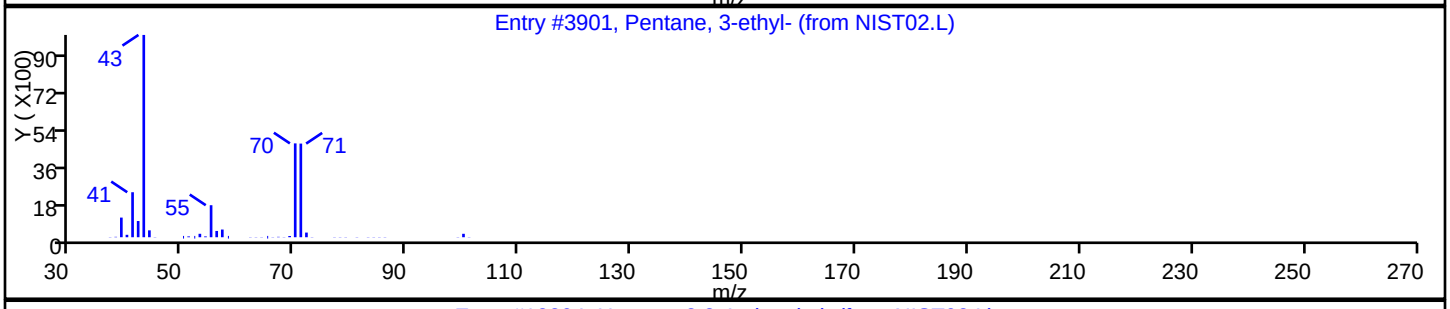
Column: Detector MS SCAN

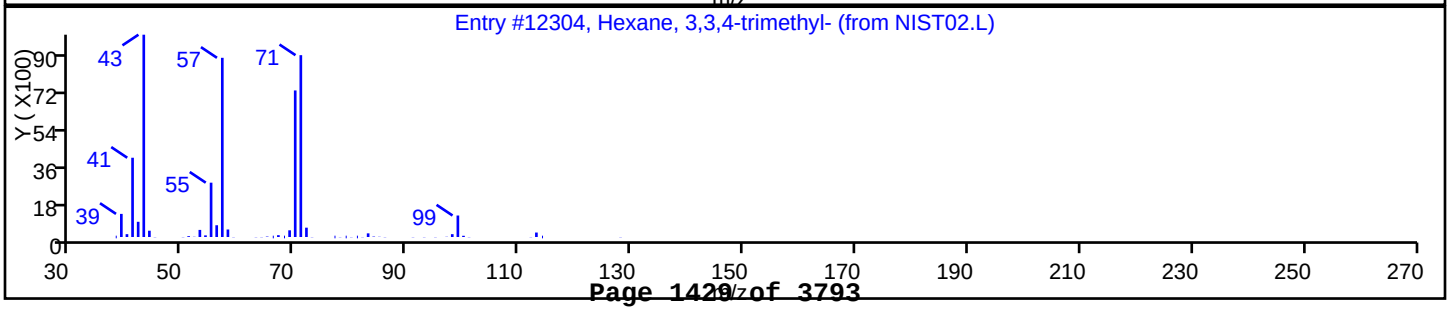
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 2,3,4-trimethyl-	565-75-3	NIST02.L	7465	C8H18	114	87
Pentane, 3-ethyl-	617-78-7	NIST02.L	3901	C7H16	100	64
Hexane, 3,3,4-trimethyl-	16747-31-2	NIST02.L	12304	C9H20	128	64











Report Date: 15-Mar-2014 14:22:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367329.D

Injection Date: 14-Mar-2014 03:04:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-37-A Lab Sample ID: 460-72174-37

Client ID: PMP-10SW-WI

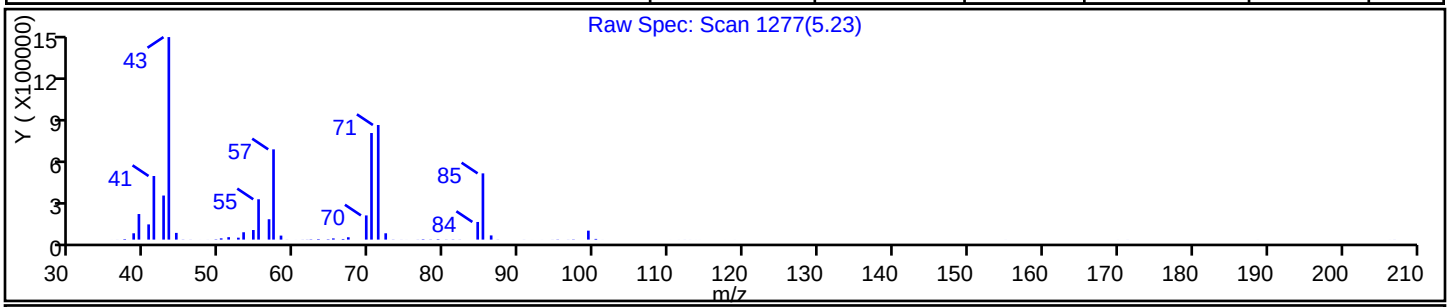
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

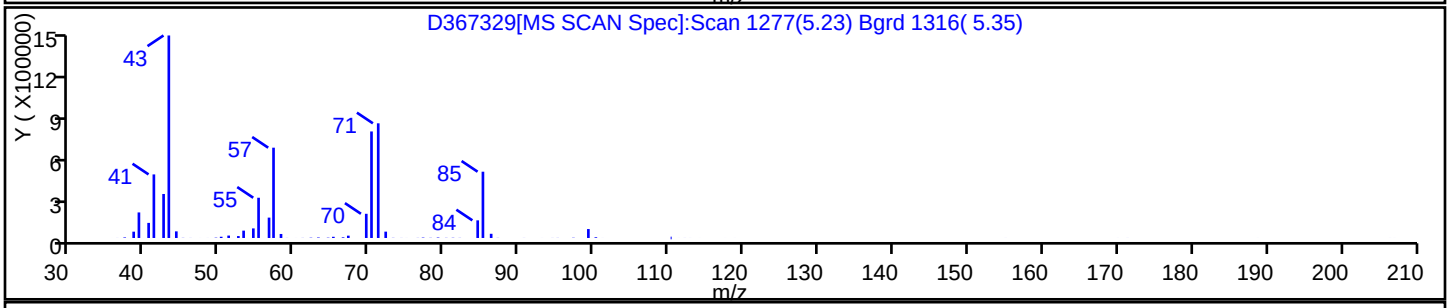
Purge Vol: 5.000 mL Dil. Factor: 1.0000

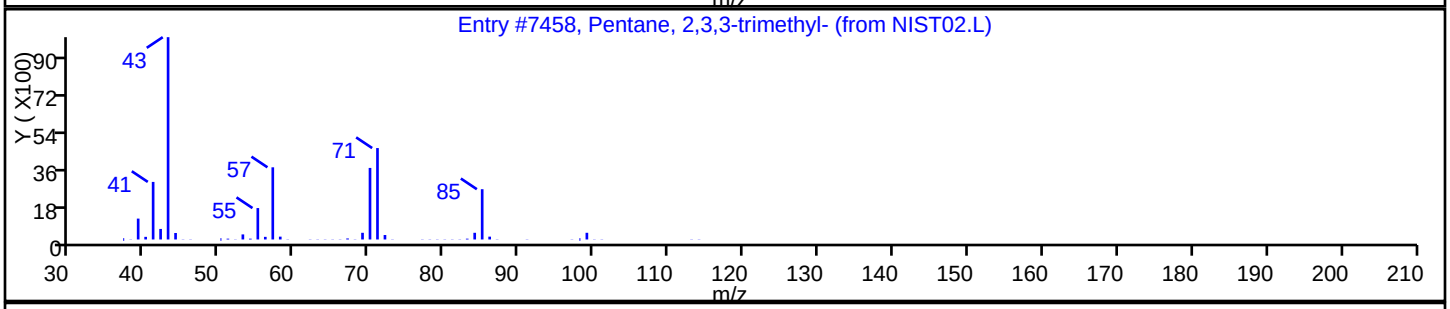
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

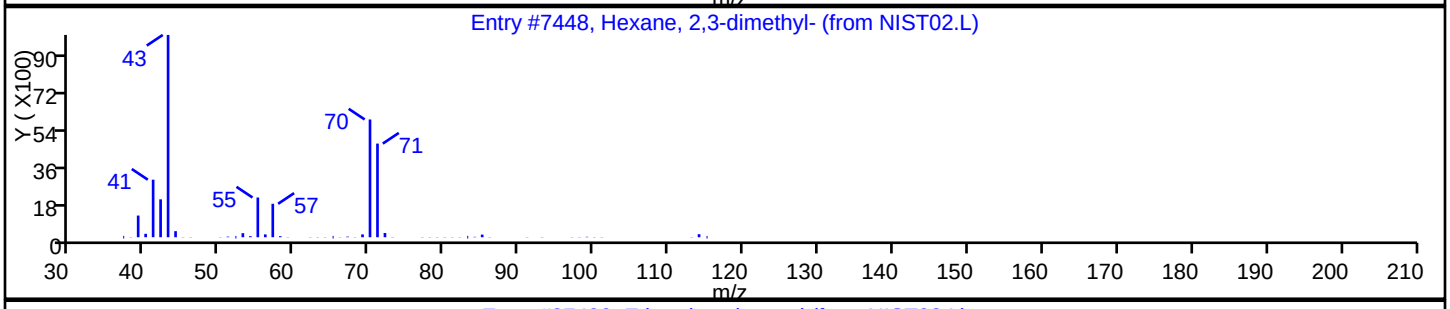
Column: Detector MS SCAN

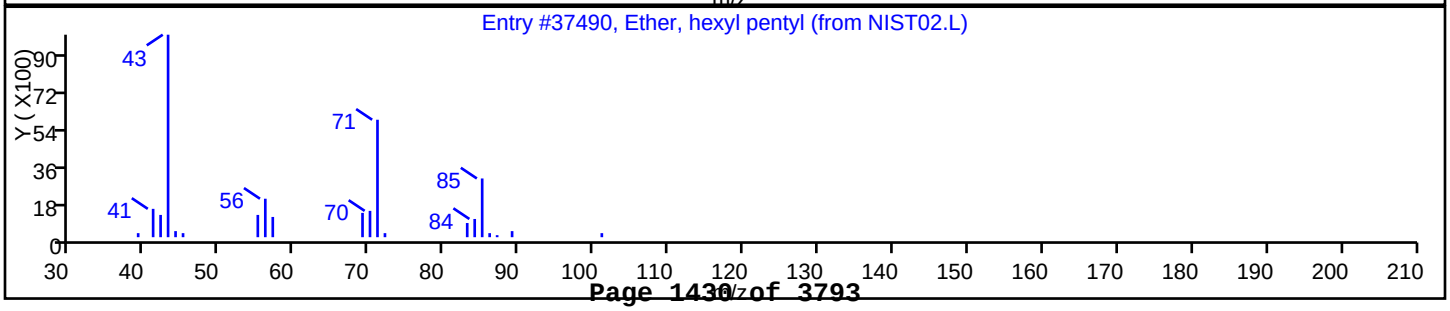
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 2,3,3-trimethyl-	560-21-4	NIST02.L	7458	C8H18	114	72
Hexane, 2,3-dimethyl-	584-94-1	NIST02.L	7448	C8H18	114	59
Ether, hexyl pentyl	32357-83-8	NIST02.L	37490	C11H24O	172	53











Report Date: 15-Mar-2014 14:22:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367329.D

Injection Date: 14-Mar-2014 03:04:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-37-A Lab Sample ID: 460-72174-37

Client ID: PMP-10SW-WI

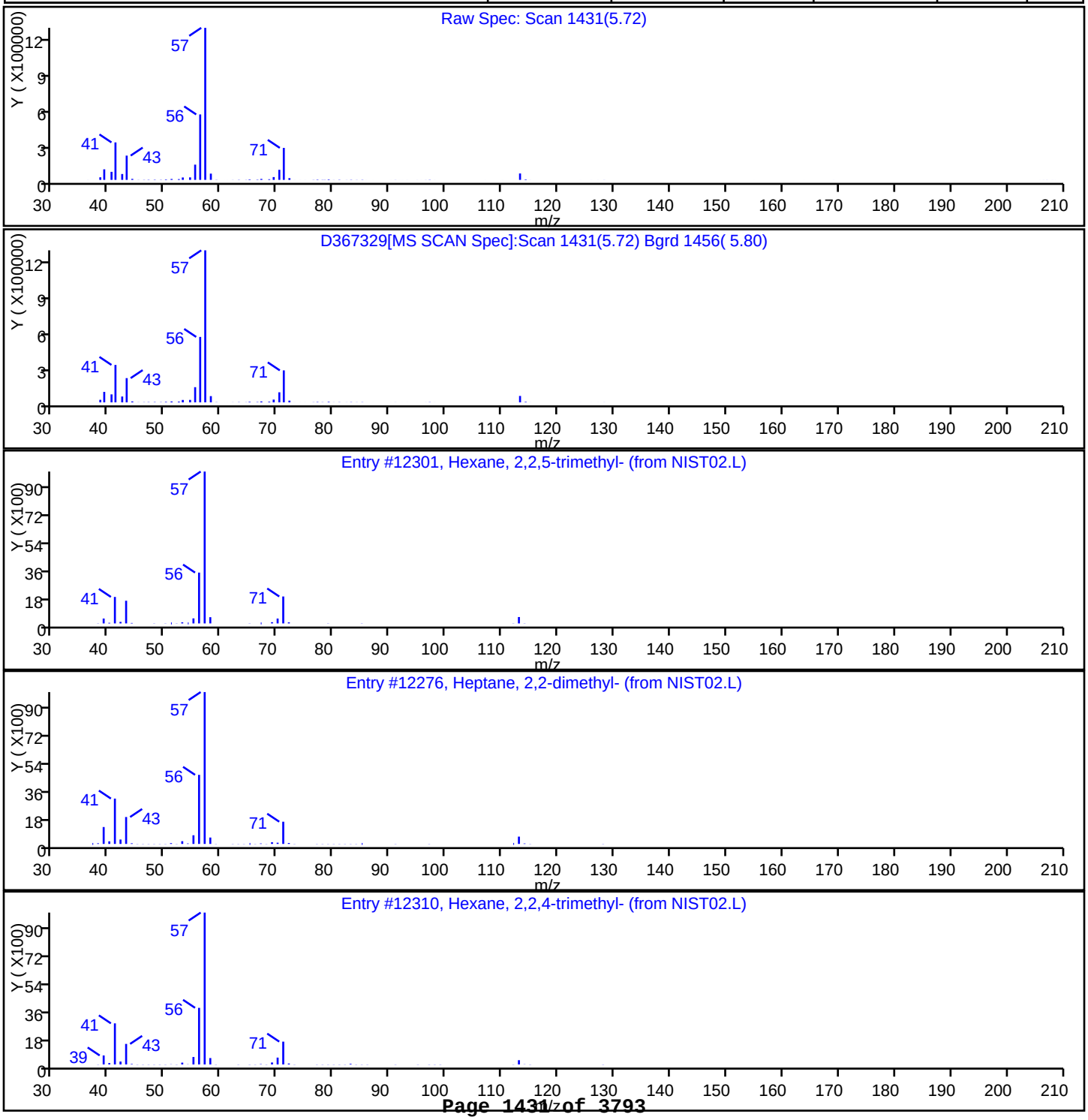
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexane, 2,2,5-trimethyl-	3522-94-9	NIST02.L	12301	C9H20	128	83
Heptane, 2,2-dimethyl-	1071-26-7	NIST02.L	12276	C9H20	128	78
Hexane, 2,2,4-trimethyl-	16747-26-5	NIST02.L	12310	C9H20	128	78



Report Date: 15-Mar-2014 14:22:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367329.D

Injection Date: 14-Mar-2014 03:04:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-37-A Lab Sample ID: 460-72174-37

Client ID: PMP-10SW-WI

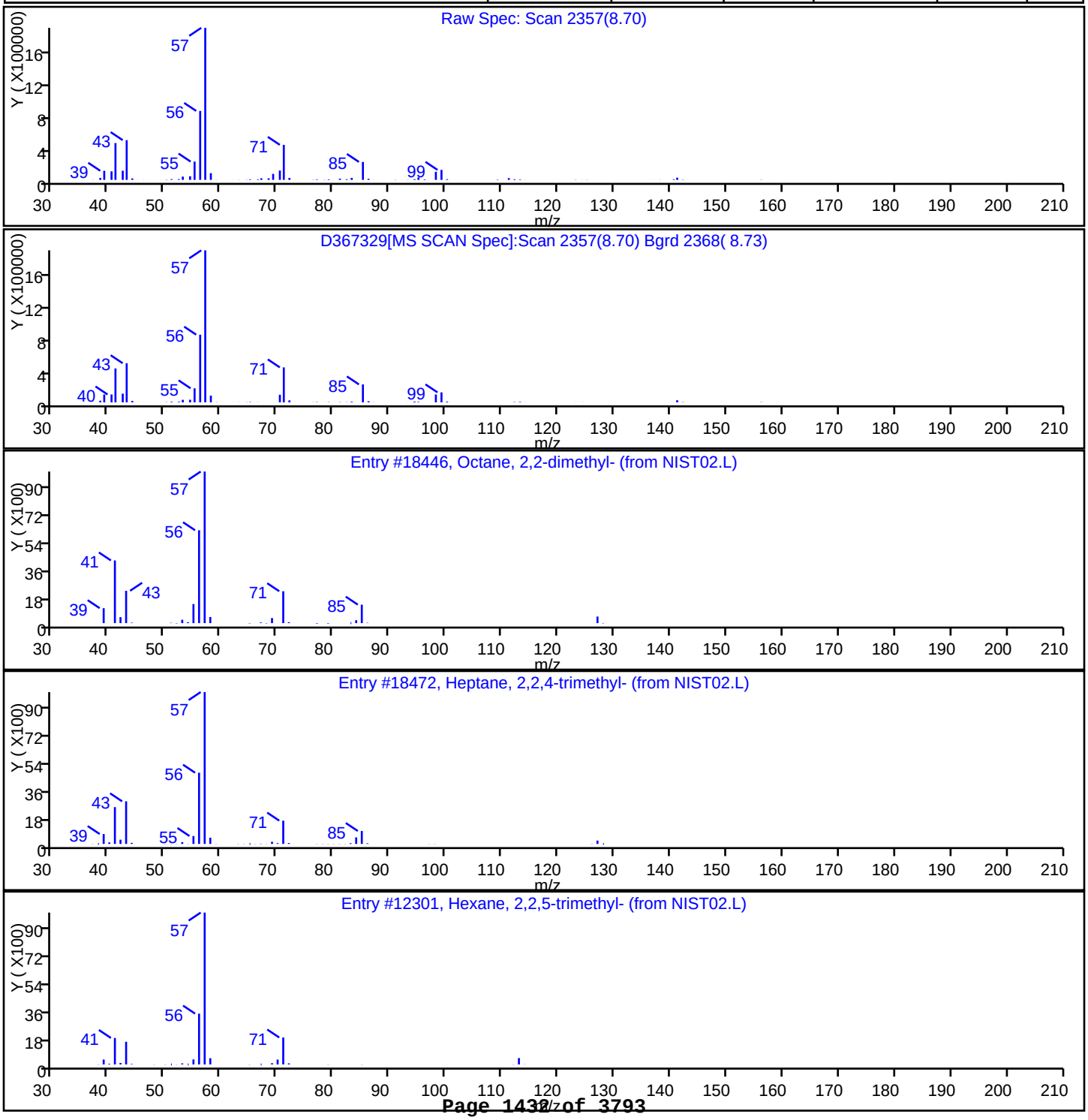
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octane, 2,2-dimethyl-	15869-87-1	NIST02.L	18446	C10H22	142	72
Heptane, 2,2,4-trimethyl-	14720-74-2	NIST02.L	18472	C10H22	142	64
Hexane, 2,2,5-trimethyl-	3522-94-9	NIST02.L	12301	C9H20	128	64



Report Date: 15-Mar-2014 14:22:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367329.D

Injection Date: 14-Mar-2014 03:04:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-37-A Lab Sample ID: 460-72174-37

Client ID: PMP-10SW-WI

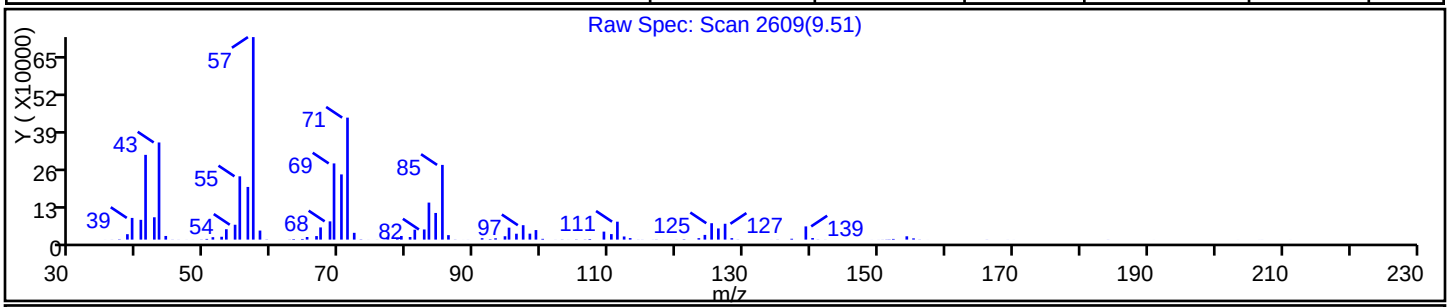
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

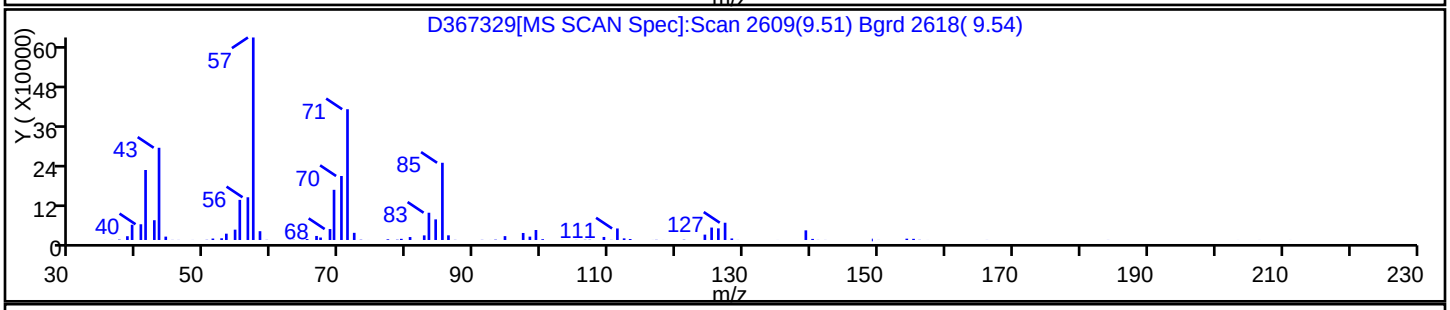
Purge Vol: 5.000 mL Dil. Factor: 1.0000

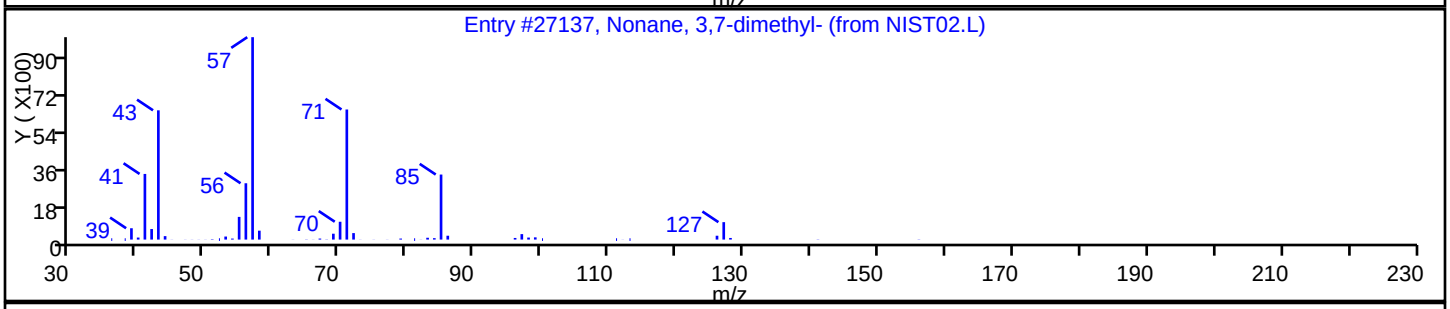
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

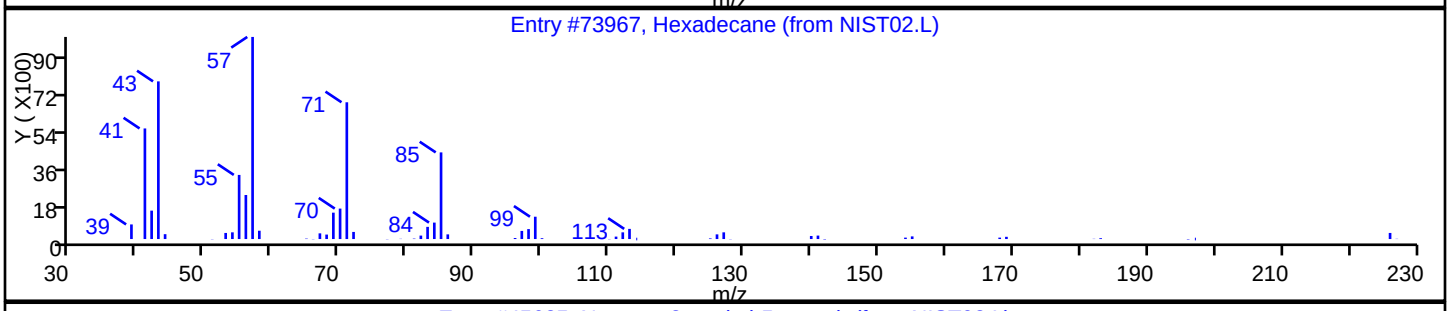
Column: Detector MS SCAN

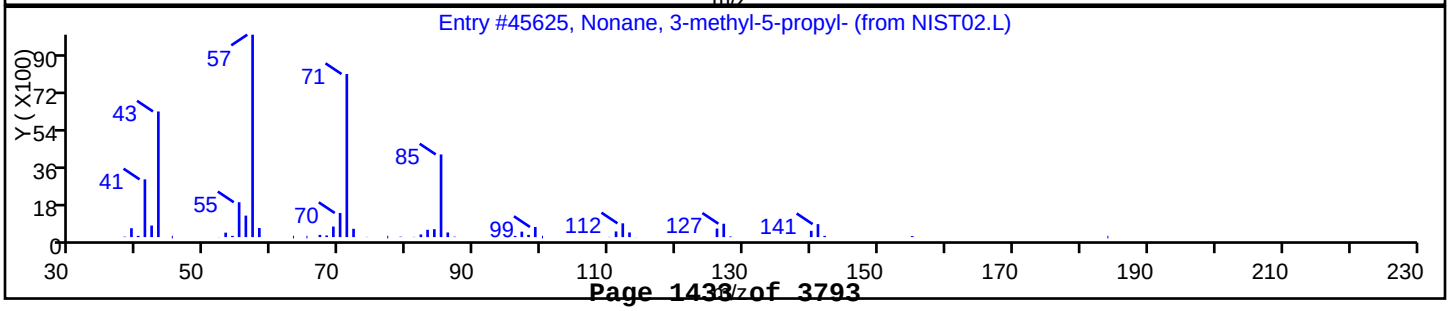
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Nonane, 3,7-dimethyl-	17302-32-8	NIST02.L	27137	C11H24	156	76
Hexadecane	544-76-3	NIST02.L	73967	C16H34	226	59
Nonane, 3-methyl-5-propyl-	31081-18-2	NIST02.L	45625	C13H28	184	59











Report Date: 15-Mar-2014 14:22:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367329.D

Injection Date: 14-Mar-2014 03:04:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-37-A Lab Sample ID: 460-72174-37

Client ID: PMP-10SW-WI

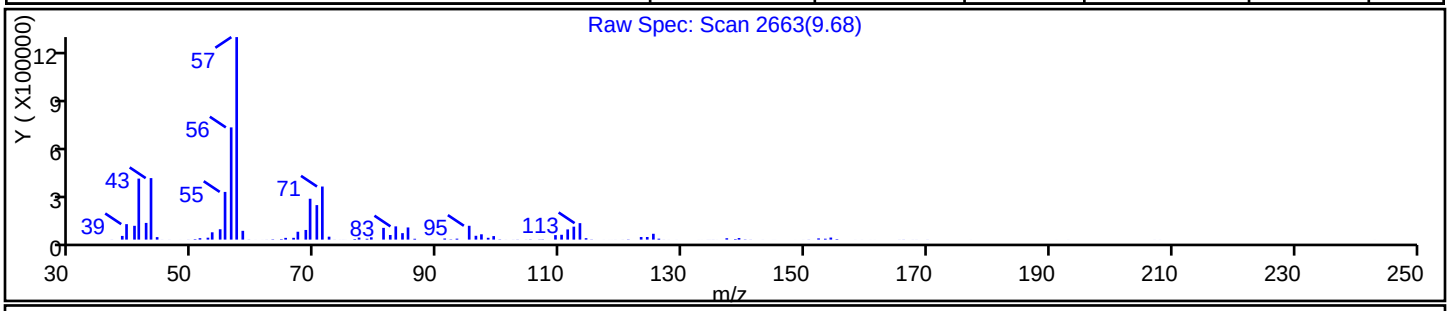
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

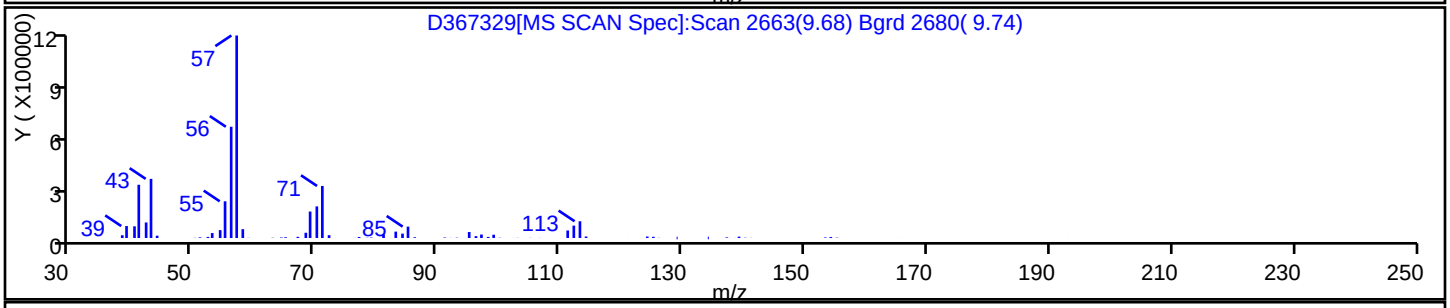
Purge Vol: 5.000 mL Dil. Factor: 1.0000

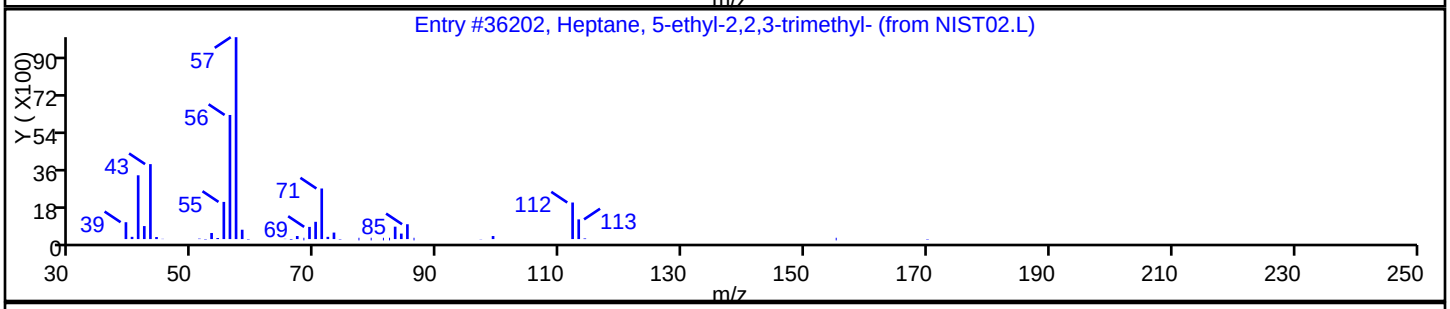
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

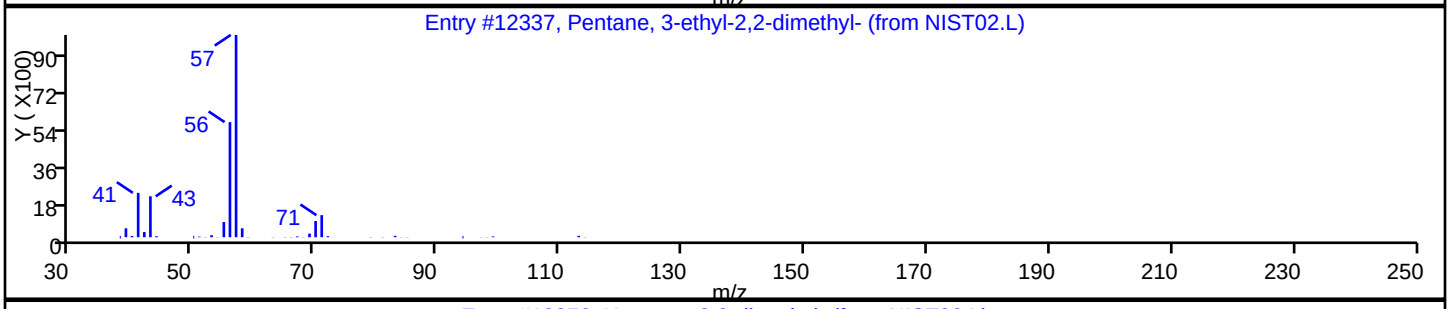
Column: Detector MS SCAN

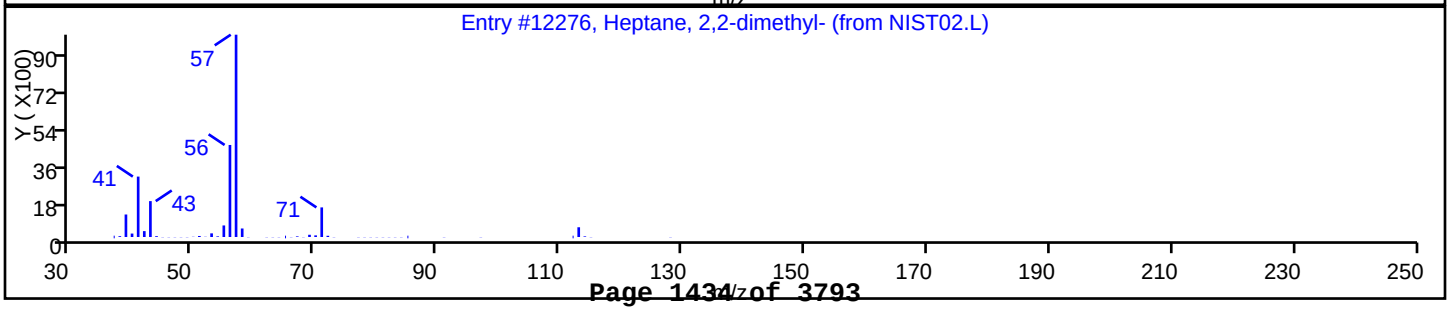
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptane, 5-ethyl-2,2,3-trimethyl-	62199-06-8	NIST02.L	36202	C12H26	170	64
Pentane, 3-ethyl-2,2-dimethyl-	16747-32-3	NIST02.L	12337	C9H20	128	59
Heptane, 2,2-dimethyl-	1071-26-7	NIST02.L	12276	C9H20	128	53











Report Date: 15-Mar-2014 14:22:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367329.D

Injection Date: 14-Mar-2014 03:04:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-37-A Lab Sample ID: 460-72174-37

Client ID: PMP-10SW-WI

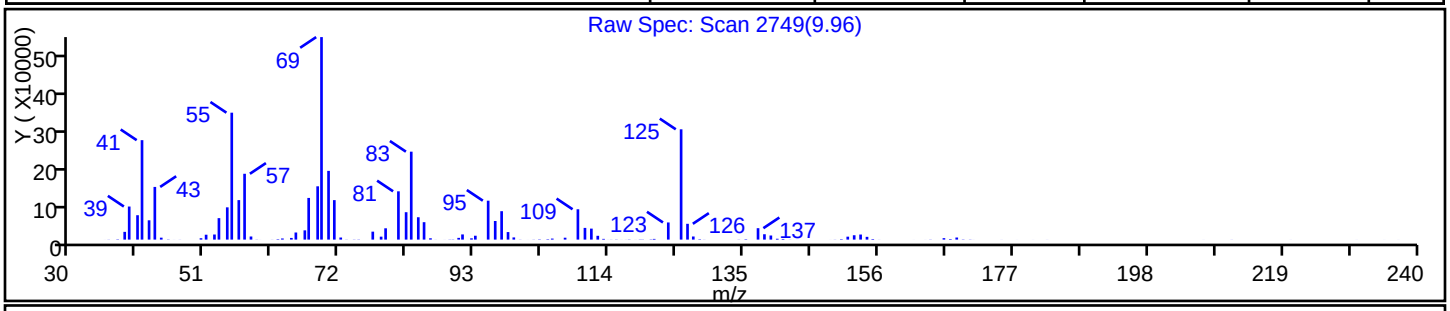
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

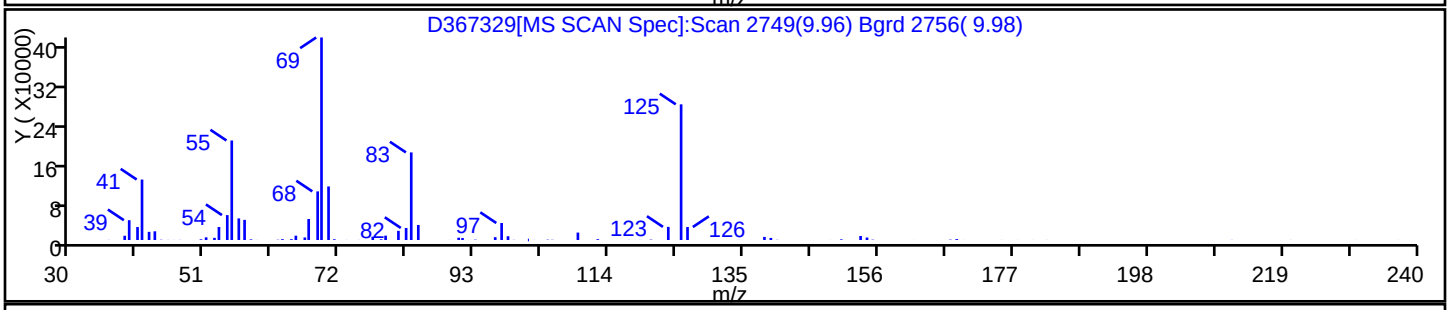
Purge Vol: 5.000 mL Dil. Factor: 1.0000

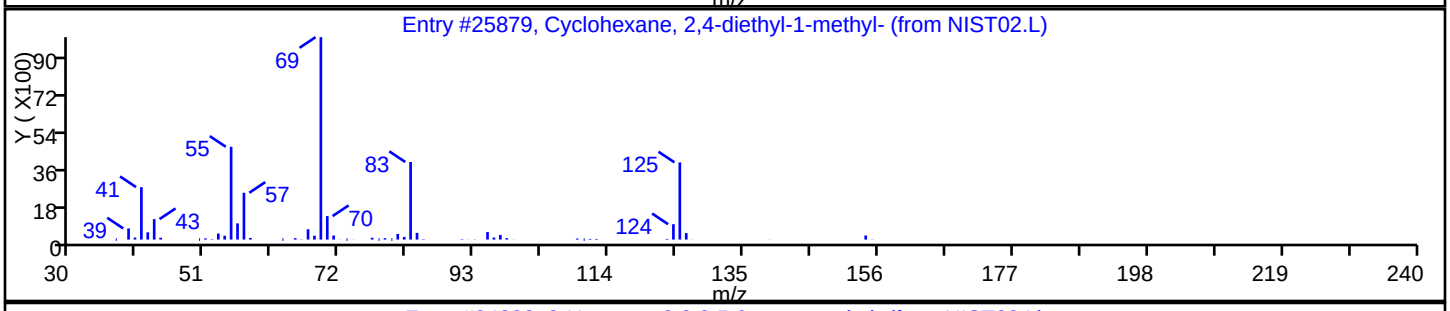
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

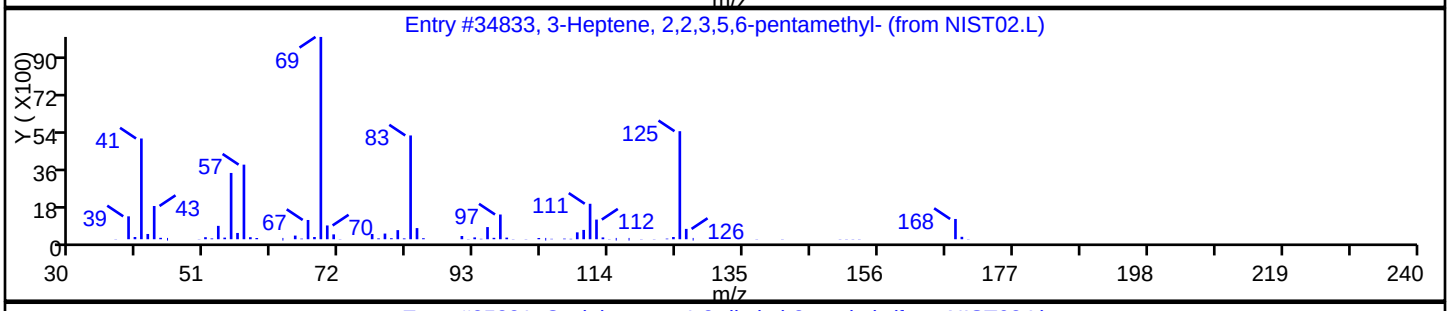
Column: Detector MS SCAN

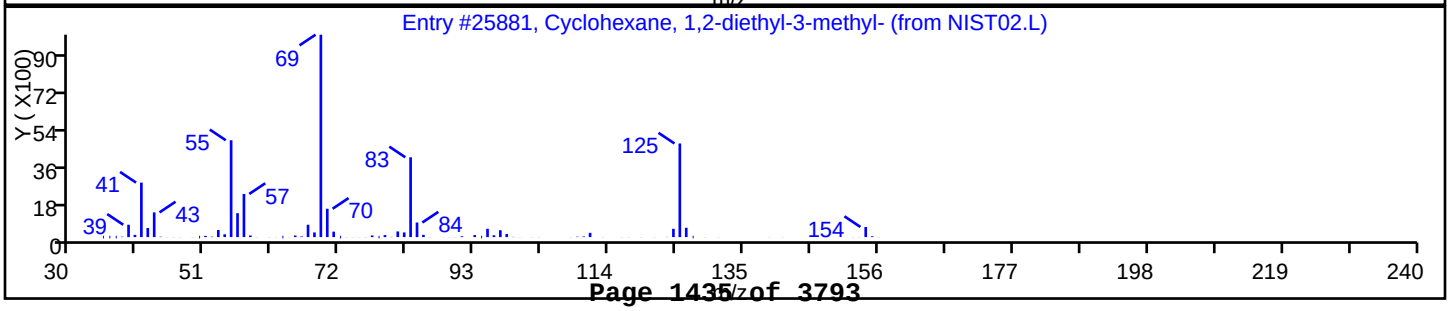
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, 2,4-diethyl-1-methyl-	61142-70-9	NIST02.L	25879	C11H22	154	64
3-Heptene, 2,2,3,5,6-pentamethyl-	116164-06-8	NIST02.L	34833	C12H24	168	53
Cyclohexane, 1,2-diethyl-3-methyl-	61141-80-8	NIST02.L	25881	C11H22	154	50











Report Date: 15-Mar-2014 14:22:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367329.D

Injection Date: 14-Mar-2014 03:04:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-37-A Lab Sample ID: 460-72174-37

Client ID: PMP-10SW-WI

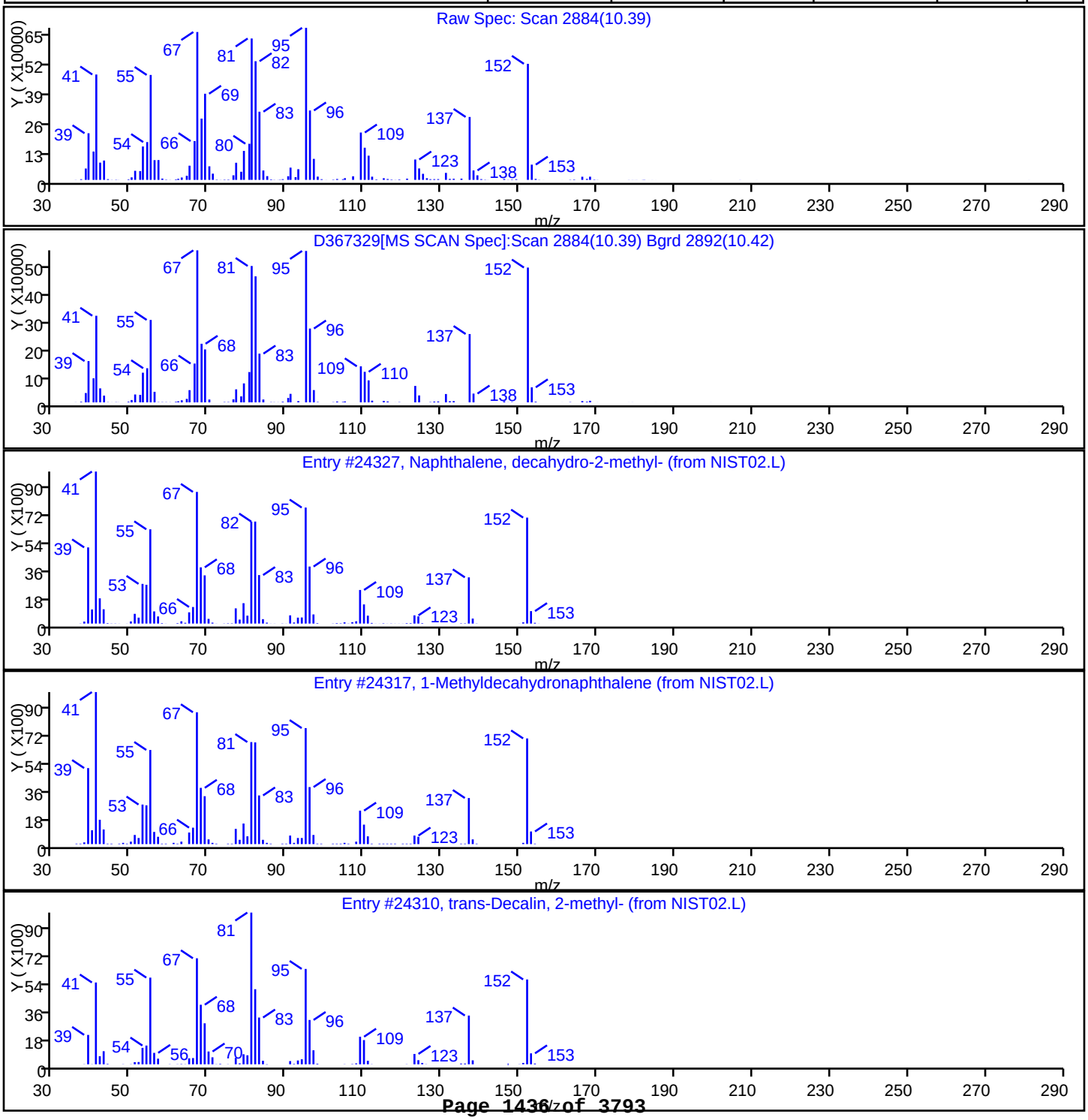
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24327	C11H20	152	97
1-Methyldecahydronaphthalene	2958-75-0	NIST02.L	24317	C11H20	152	97
trans-Decalin, 2-methyl-	1000152-47-	NIST02.L	24310	C11H20	152	86



Report Date: 15-Mar-2014 14:22:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367329.D

Injection Date: 14-Mar-2014 03:04:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-37-A Lab Sample ID: 460-72174-37

Client ID: PMP-10SW-WI

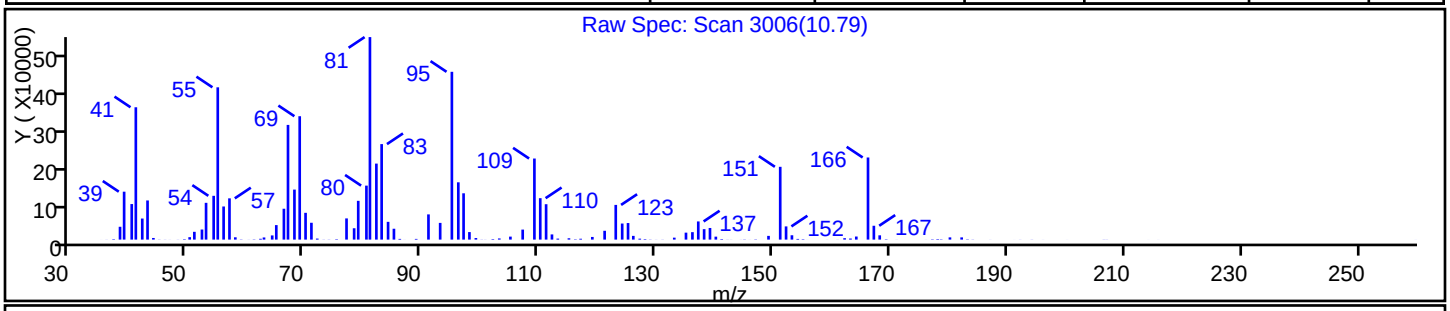
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

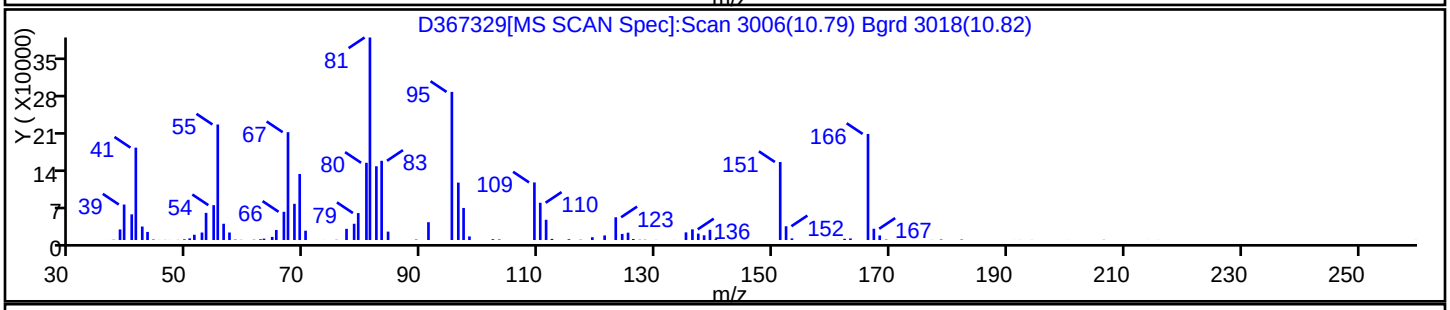
Purge Vol: 5.000 mL Dil. Factor: 1.0000

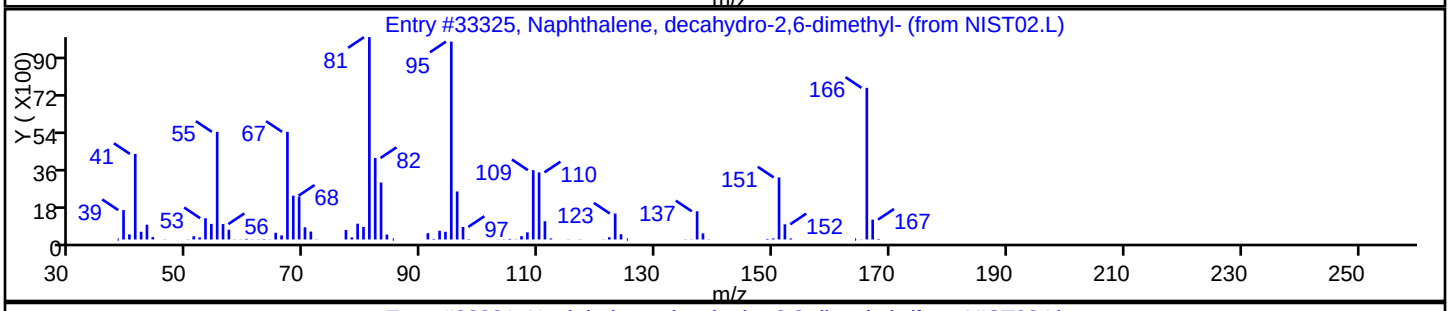
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

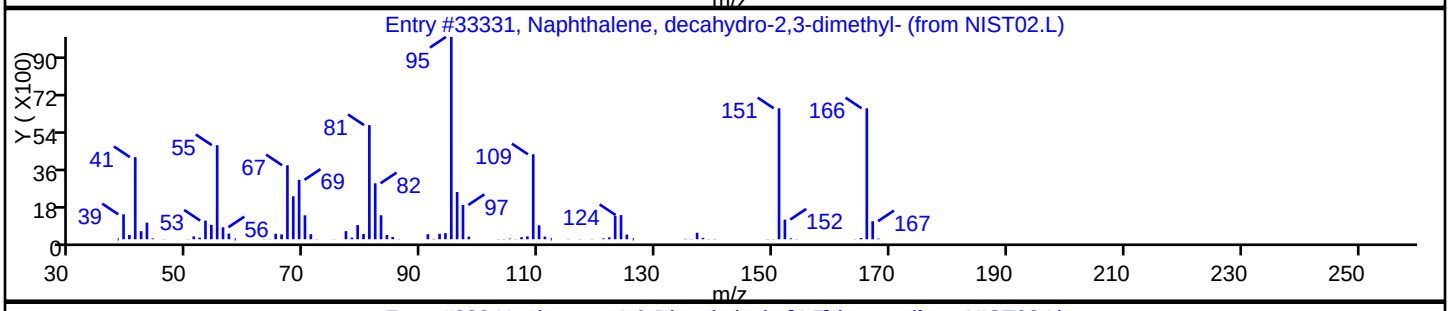
Column: Detector MS SCAN

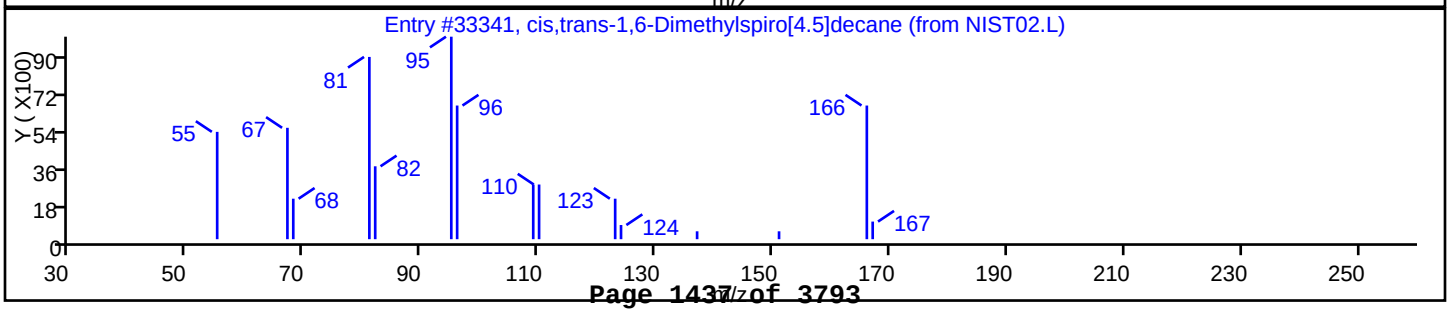
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-2,6-dimethyl-	1618-22-0	NIST02.L	33325	C12H22	166	86
Naphthalene, decahydro-2,3-dimethyl-	1008-80-6	NIST02.L	33331	C12H22	166	55
cis,trans-1,6-Dimethylspiro[4.5]decane	1000111-72-	NIST02.L	33341	C12H22	166	52











FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SI | Lab Sample ID: 460-72174-38

Matrix: Solid | Lab File ID: D367326.D

Analysis Method: 8260B | Date Collected: 03/06/2014 15:25

Sample wt/vol: 6.029(g) | Date Analyzed: 03/14/2014 01:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.2 | Level: (low/med) Low

Analysis Batch No.: 212478 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.96	0.15
74-83-9	Bromomethane	0.41	U	0.96	0.41
75-01-4	Vinyl chloride	0.33	U	0.96	0.33
75-00-3	Chloroethane	0.32	U	0.96	0.32
75-09-2	Methylene Chloride	0.14	U	0.96	0.14
67-64-1	Acetone	1.6	U	4.8	1.6
75-15-0	Carbon disulfide	0.14	U	0.96	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.96	0.15
75-35-4	1,1-Dichloroethene	0.18	U	0.96	0.18
75-34-3	1,1-Dichloroethane	0.11	U	0.96	0.11
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.96	0.12
156-59-2	cis-1,2-Dichloroethene	0.11	U	0.96	0.11
67-66-3	Chloroform	0.23	U	0.96	0.23
78-93-3	2-Butanone	0.60	U	4.8	0.60
107-06-2	1,2-Dichloroethane	0.17	U	0.96	0.17
71-55-6	1,1,1-Trichloroethane	0.12	U	0.96	0.12
56-23-5	Carbon tetrachloride	0.14	U	0.96	0.14
71-43-2	Benzene	0.14	U	0.96	0.14
75-25-2	Bromoform	0.16	U	0.96	0.16
100-42-5	Styrene	0.27	U	0.96	0.27
100-41-4	Ethylbenzene	0.74	J	0.96	0.16
108-90-7	Chlorobenzene	0.17	U	0.96	0.17
110-82-7	Cyclohexane	0.12	U	0.96	0.12
98-82-8	Isopropylbenzene	0.21	J	0.96	0.11
591-78-6	2-Hexanone	0.12	U	4.8	0.12
1634-04-4	MTBE	0.11	U	0.96	0.11
76-13-1	Freon TF	0.11	U	0.96	0.11
79-20-9	Methyl acetate	0.31	U	4.8	0.31
123-91-1	1,4-Dioxane	12	U	19	12
79-01-6	Trichloroethene	0.11	U	0.96	0.11
108-88-3	Toluene	0.13	U	0.96	0.13
10061-02-6	trans-1,3-Dichloropropene	0.096	U	0.96	0.096
108-10-1	4-Methyl-2-pentanone	0.19	U	4.8	0.19
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.96	0.13
95-50-1	1,2-Dichlorobenzene	0.096	U	0.96	0.096
541-73-1	1,3-Dichlorobenzene	0.15	U	0.96	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SI | Lab Sample ID: 460-72174-38

Matrix: Solid | Lab File ID: D367326.D

Analysis Method: 8260B | Date Collected: 03/06/2014 15:25

Sample wt/vol: 6.029(g) | Date Analyzed: 03/14/2014 01:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.2 | Level: (low/med) Low

Analysis Batch No.: 212478 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	0.96	0.11
120-82-1	1,2,4-Trichlorobenzene	1.8		0.96	0.18
87-61-6	1,2,3-Trichlorobenzene	0.72	J	0.96	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.96	0.14
108-87-2	Methylcyclohexane	2.5		0.96	0.096
127-18-4	Tetrachloroethene	0.11	U	0.96	0.11
1330-20-7	Xylenes, Total	6.6		1.9	0.64
96-12-8	1,2-Dibromo-3-Chloropropane	0.42	U	0.96	0.42
79-34-5	1,1,2,2-Tetrachloroethane	0.086	U	0.96	0.086
79-00-5	1,1,2-Trichloroethane	0.13	U	0.96	0.13
124-48-1	Dibromochloromethane	0.096	U	0.96	0.096
106-93-4	1,2-Dibromoethane	0.14	U	0.96	0.14
75-71-8	Dichlorodifluoromethane	0.21	U	0.96	0.21
74-97-5	Bromochloromethane	0.11	U	0.96	0.11
75-27-4	Bromodichloromethane	0.31	U	0.96	0.31

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	Bromofluorobenzene	94		70-130
1868-53-7	Dibromofluoromethane (Surr)	88		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SI Lab Sample ID: 460-72174-38

Matrix: Solid Lab File ID: D367326.D

Analysis Method: 8260B Date Collected: 03/06/2014 15:25

Sample wt/vol: 6.029(g) Date Analyzed: 03/14/2014 01:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.2 Level: (low/med) Low

Analysis Batch No.: 212478 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 1092

CAS NO.	COMPOUND NAME	RT	RESULT	Q
565-59-3	Pentane, 2,3-dimethyl-	3.57	65	J N
540-84-1	Pentane, 2,2,4-trimethyl-	3.92	180	J N
565-75-3	Pentane, 2,3,4-trimethyl-	5.09	84	J N
560-21-4	Pentane, 2,3,3-trimethyl-	5.22	69	J N
112-40-3	Dodecane	10.67	130	J N
17301-23-4	Undecane, 2,6-dimethyl-	10.79	110	J N
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	11.05	98	J N
629-50-5	Tridecane	11.33	150	J N
54340-86-2	Benzene, 4-(2-butenyl)-1,2-dimethyl-, (E	11.72	76	J N
3221-61-2	Octane, 2-methyl-	12.03	130	J N

Report Date: 15-Mar-2014 14:15:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367326.D
Lims ID: 460-72174-B-38-A Lab Sample ID: 460-72174-38
Client ID: PMP-10SW-SI
Sample Type: Client
Inject. Date: 14-Mar-2014 01:55:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-38-A
Misc. Info.: 460-0010833-019
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 14:15:56 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: baronm Date: 15-Mar-2014 14:15:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.631	2.635	-0.004	80	102229	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.692	3.699	-0.007	91	82884	43.9	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.143	4.146	-0.003	97	74344	45.2	
* 59 Fluorobenzene	96	4.403	4.410	-0.007	88	429595	50.0	
63 Methylcyclohexane	83	4.557	4.551	0.006	59	19067	2.60	
* 150 1,4-Dioxane-d8	96	5.371	5.377	-0.006	1	6886	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.075	6.075	0.0	97	398463	45.6	
* 87 Chlorobenzene-d5	117	7.776	7.776	0.0	88	253108	50.0	
89 Ethylbenzene	106	7.850	7.847	0.003	80	3420	0.7749	
91 m-Xylene & p-Xylene	106	7.994	7.988	0.006	98	20235	3.74	
92 o-Xylene	106	8.364	8.364	0.0	92	15856	3.15	
98 Isopropylbenzene	105	8.647	8.644	0.003	18	3211	0.2224	
$ 99 4-Bromofluorobenzene	174	8.856	8.856	0.0	74	83438	47.0	
* 116 1,4-Dichlorobenzene-d4	152	9.724	9.721	0.003	86	120735	50.0	
124 1,2,4-Trichlorobenzene	180	11.094	11.091	0.003	17	6396	1.84	
128 1,2,3-Trichlorobenzene	180	11.444	11.448	-0.004	13	2208	0.7578	
S 131 Xylenes, Total	100				0		6.90	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367326.D
Lims ID: 460-72174-B-38-A Lab Sample ID: 460-72174-38
Client ID: PMP-10SW-SI
Sample Type: Client
Inject. Date: 14-Mar-2014 01:55:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-72174-B-38-A
Misc. Info.: 460-0010833-019
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 14:15:56 Calib Date: 12-Mar-2014 20:41:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 40

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: baronm Date: 15-Mar-2014 14:15:56

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	565-59-3 Pentane, 2,3-dimethyl-							
3.573	1308648	68.0	59	94	3905	C7H16	100	
	540-84-1 Pentane, 2,2,4-trimethyl-							
3.917	3539450	183.8	59	83	7468	C8H18	114	
	565-75-3 Pentane, 2,3,4-trimethyl-							
5.085	1692804	87.9	59	83	7463	C8H18	114	
	560-21-4 Pentane, 2,3,3-trimethyl-							
5.220	1392212	72.3	59	78	7458	C8H18	114	
	112-40-3 Dodecane							
10.666	1787641	139.6	116	76	36159	C12H26	170	
	17301-23-4 Undecane, 2,6-dimethyl-							
10.789	1449071	113.1	116	76	45584	C13H28	184	
	54676-39-0 Cyclohexane, 2-butyl-1,1,3-trimethyl-							
11.049	1310344	102.3	116	81	44160	C13H26	182	
	629-50-5 Tridecane							
11.326	2040684	159.3	116	87	45544	C13H28	184	
	54340-86-2 Benzene, 4-(2-butenyl)-1,2-dimethyl-, (E							
11.724	1016063	79.3	116	91	29441	C12H16	160	
	3221-61-2 Octane, 2-methyl-							
12.026	1743891	136.2	116	72	12260	C9H20	128	

Report Date: 15-Mar-2014 14:15:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367326.D
Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 59 Fluorobenzene	4.406	962853	50.0
* 116 1,4-Dichlorobenzene-d4	9.721	640390	50.0

QC Flag Legend

Processing Flags

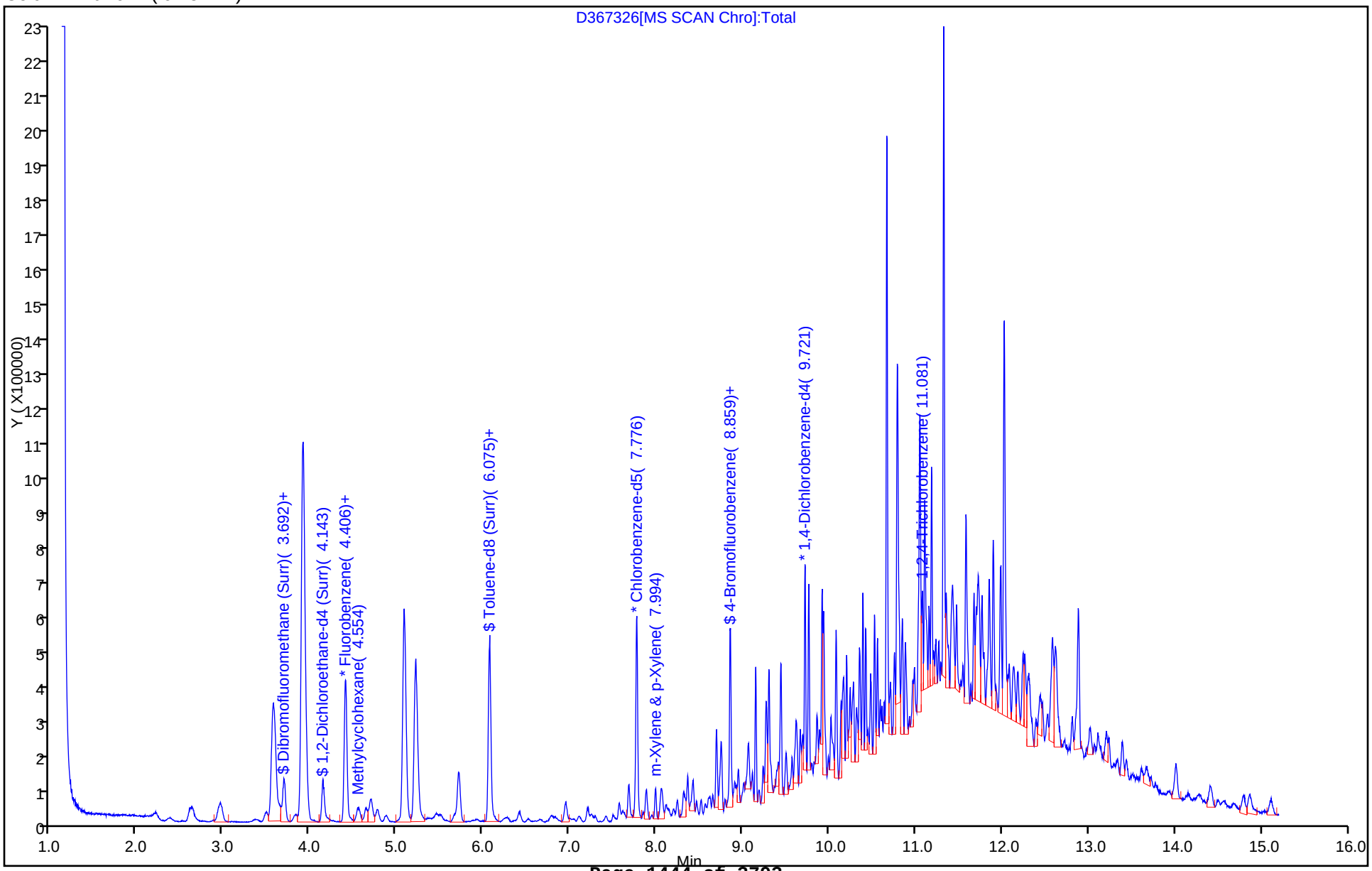
Report Date: 15-Mar-2014 14:15:57 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367326.D

Injection Date:	14-Mar-2014 01:55:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-72174-B-38-A	Lab Sample ID:	460-72174-38	Worklist Smp#:	19
Client ID:	PMP-10SW-SI				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)

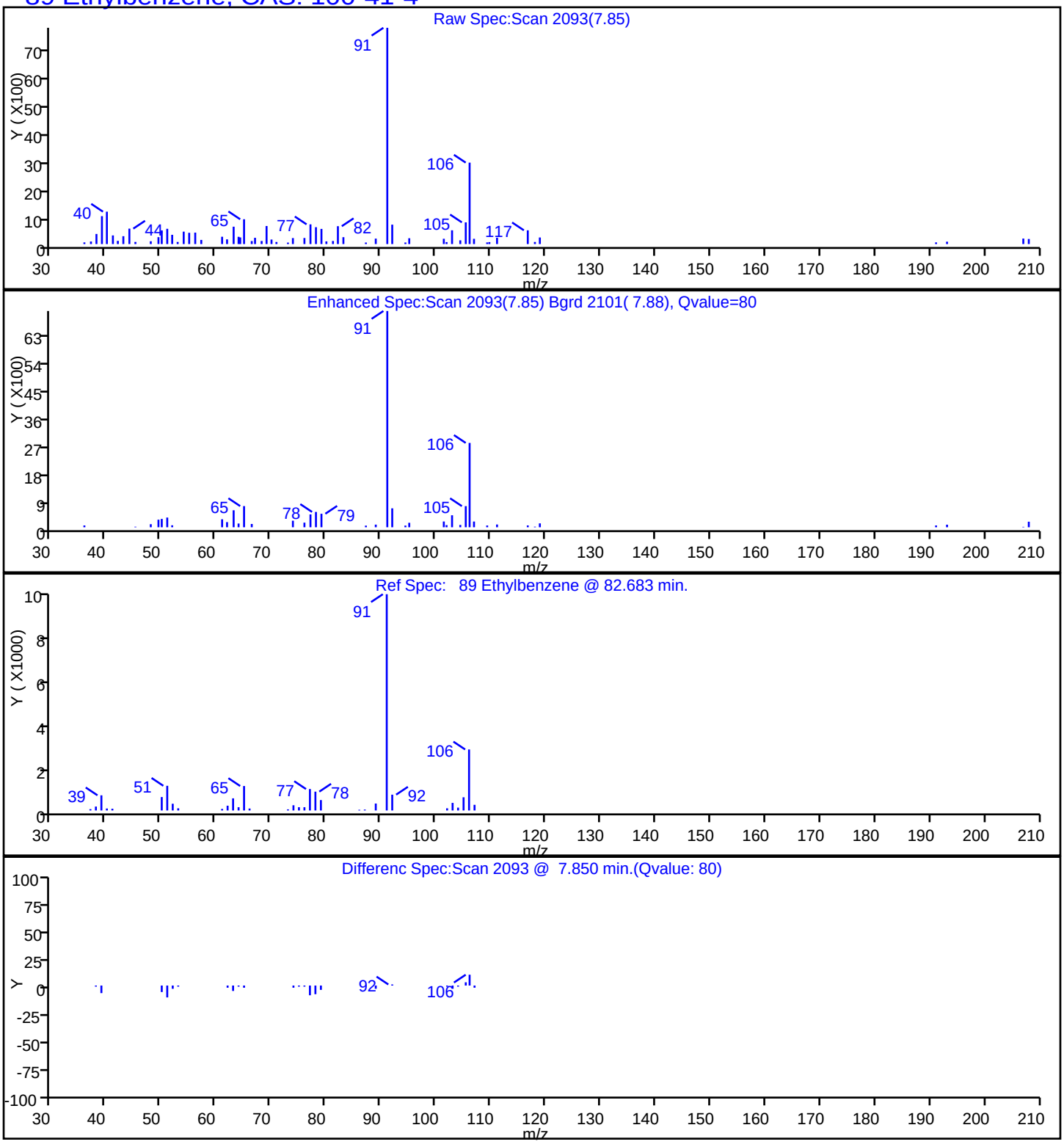


Report Date: 15-Mar-2014 14:15:57 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367326.D				
Injection Date:	14-Mar-2014 01:55:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-38-A	Lab Sample ID:	460-72174-38		
Client ID:	PMP-10SW-SI				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

89 Ethylbenzene, CAS: 100-41-4



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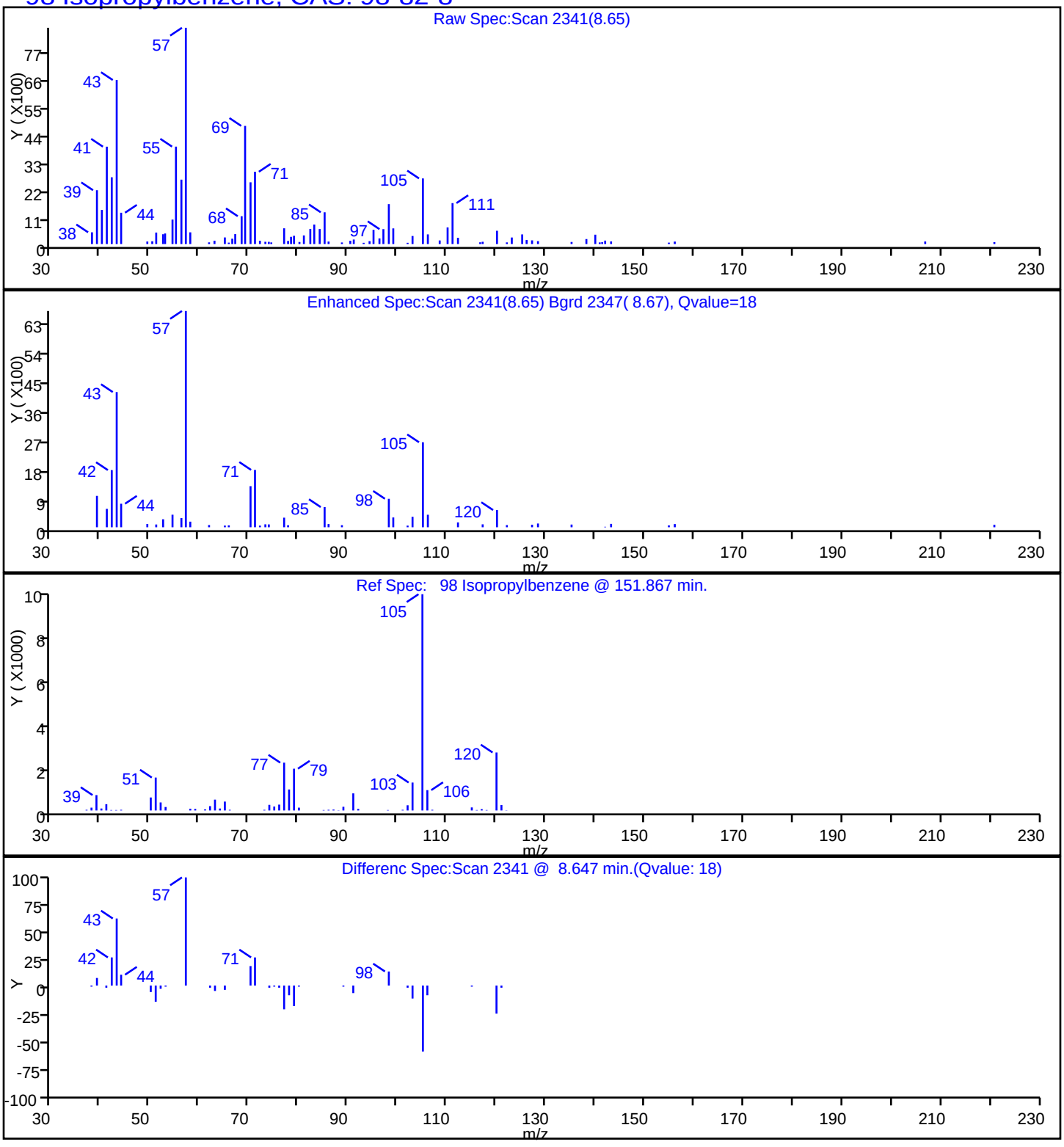
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367326.D				
Injection Date:	14-Mar-2014 01:55:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-38-A	Lab Sample ID:	460-72174-38		
Client ID:	PMP-10SW-SI				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

98 Isopropylbenzene, CAS: 98-82-8



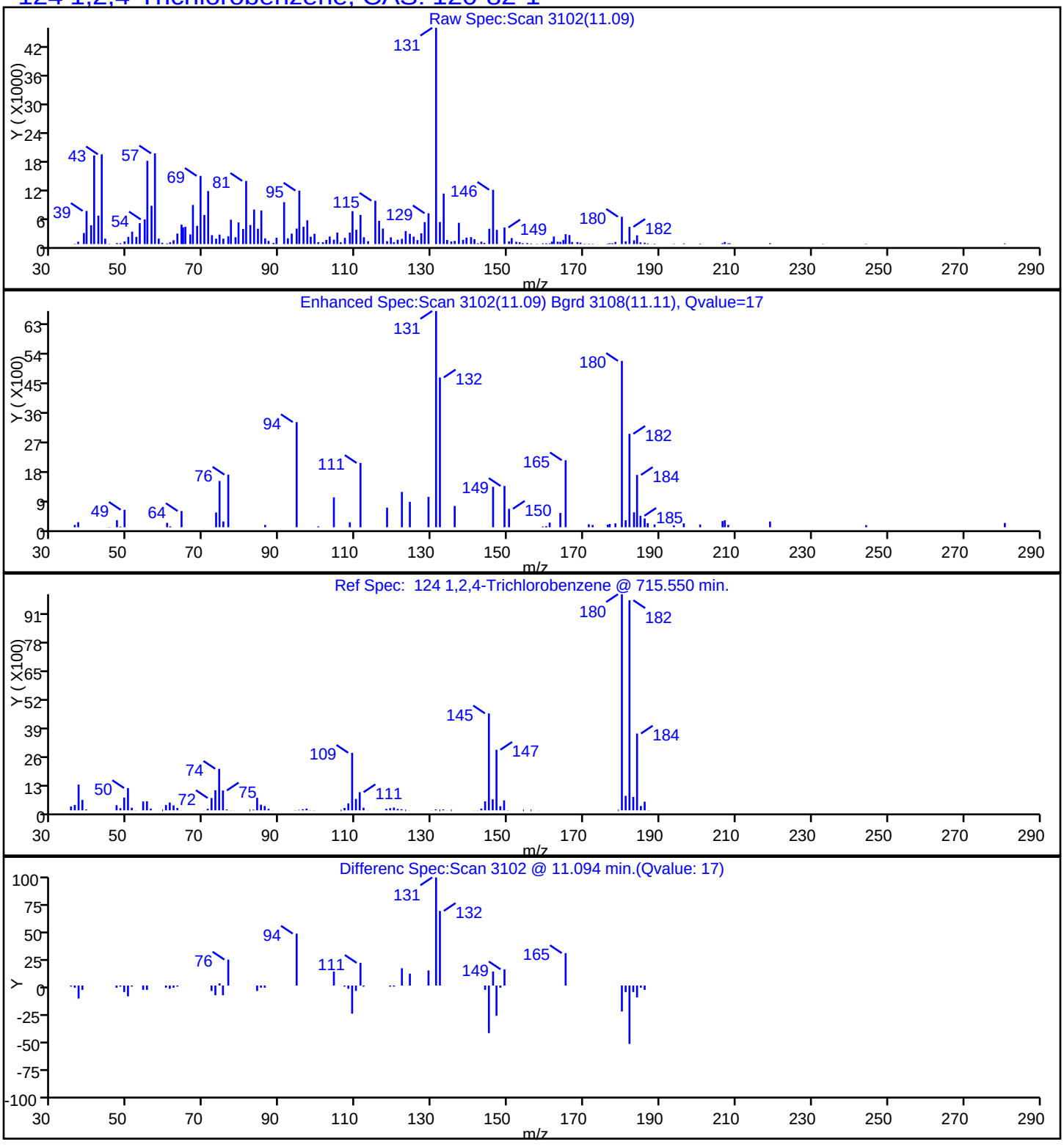
Report Date: 15-Mar-2014 14:15:57 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367326.D

Injection Date:	14-Mar-2014 01:55:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-38-A	Lab Sample ID:	460-72174-38		
Client ID:	PMP-10SW-SI				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



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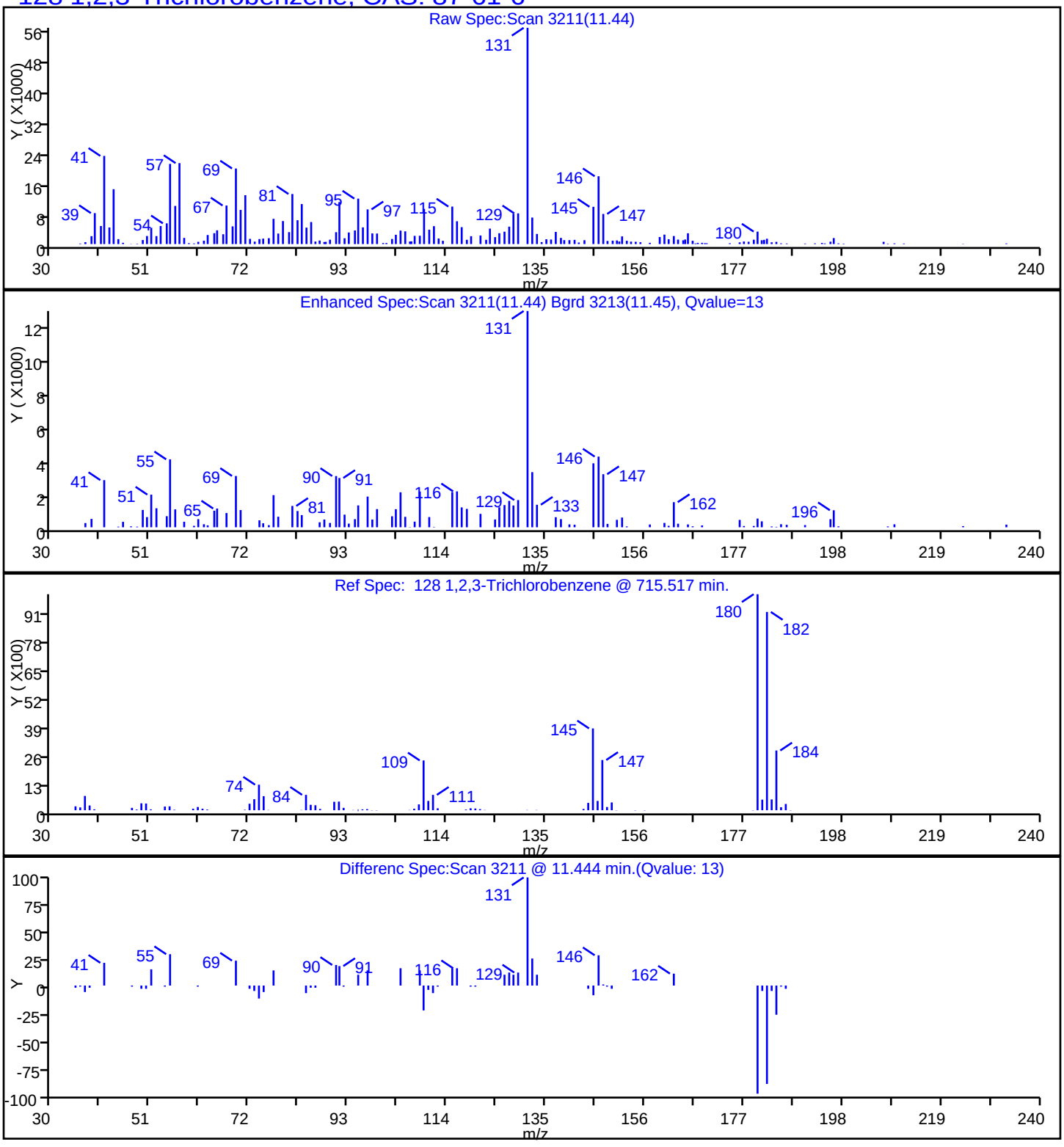
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367326.D

Injection Date:	14-Mar-2014 01:55:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-38-A	Lab Sample ID:	460-72174-38		
Client ID:	PMP-10SW-SI				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2,3-Trichlorobenzene, CAS: 87-61-6

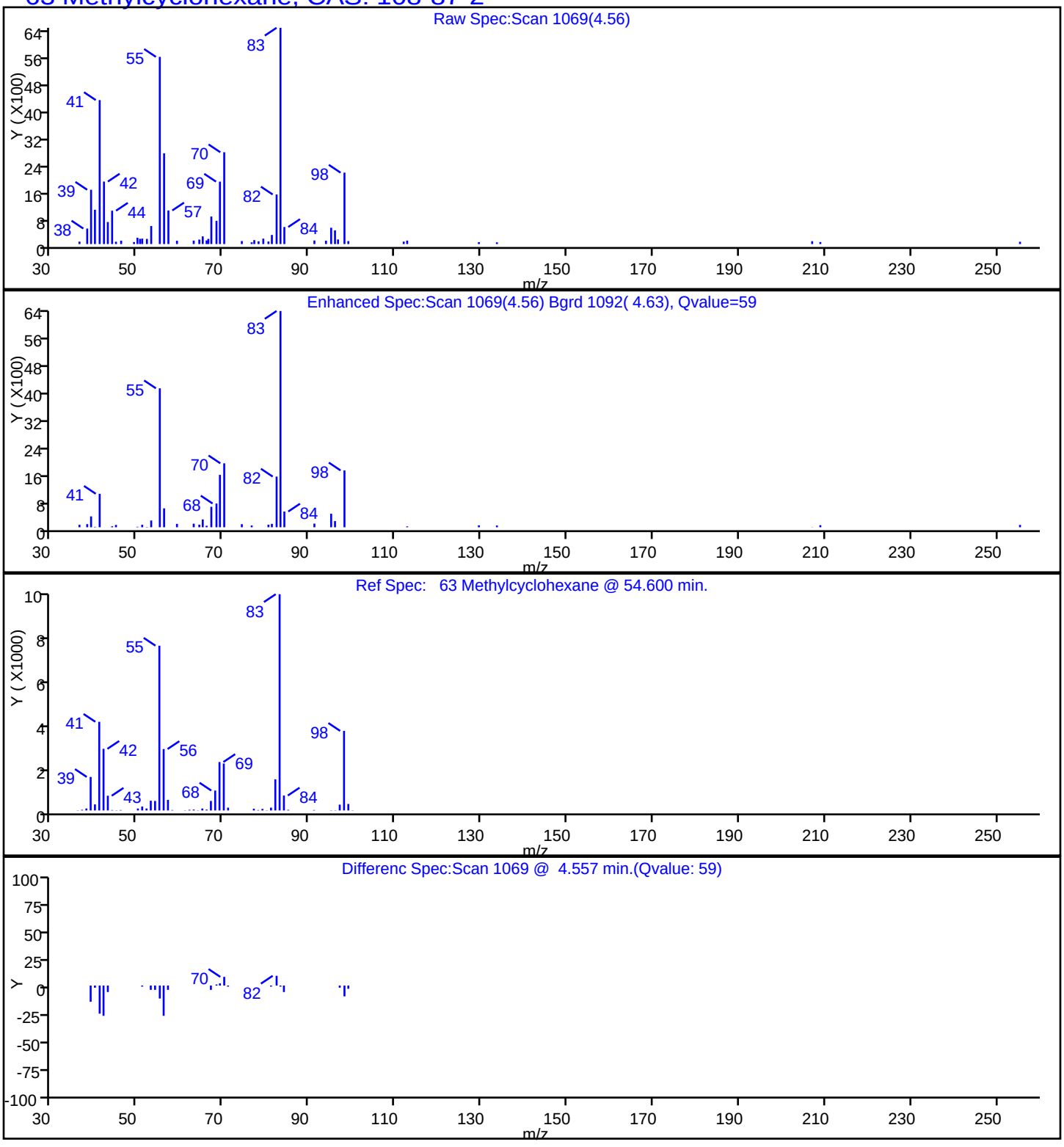


Report Date: 15-Mar-2014 14:15:57 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367326.D				
Injection Date:	14-Mar-2014 01:55:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-38-A	Lab Sample ID:	460-72174-38		
Client ID:	PMP-10SW-SI				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

63 Methylcyclohexane, CAS: 108-87-2

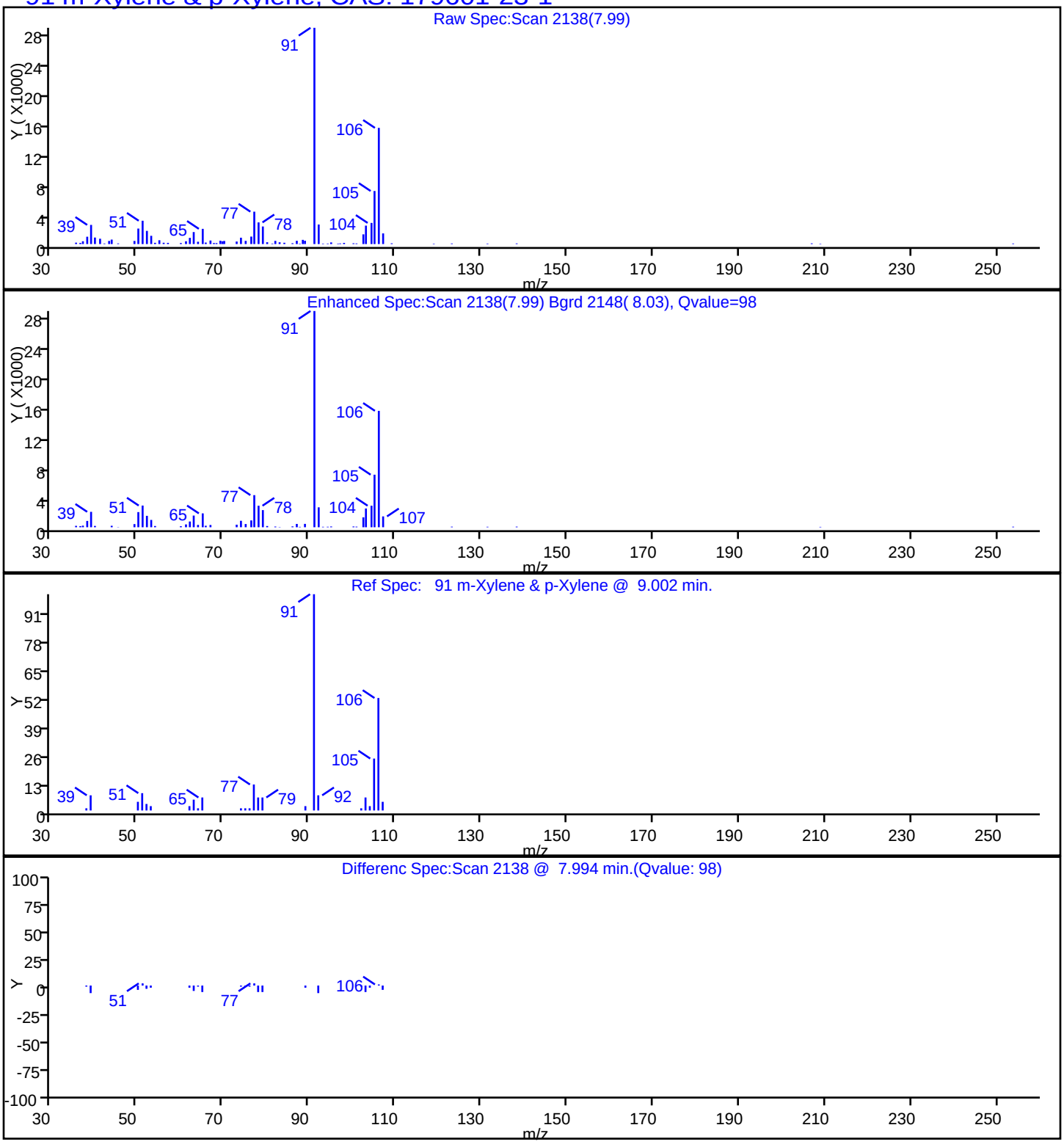


Report Date: 15-Mar-2014 14:15:57 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367326.D				
Injection Date:	14-Mar-2014 01:55:30	Instrument ID:	CVOAMS4		
Lims ID:	460-72174-B-38-A	Lab Sample ID:	460-72174-38		
Client ID:	PMP-10SW-SI				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

91 m-Xylene & p-Xylene, CAS: 179601-23-1

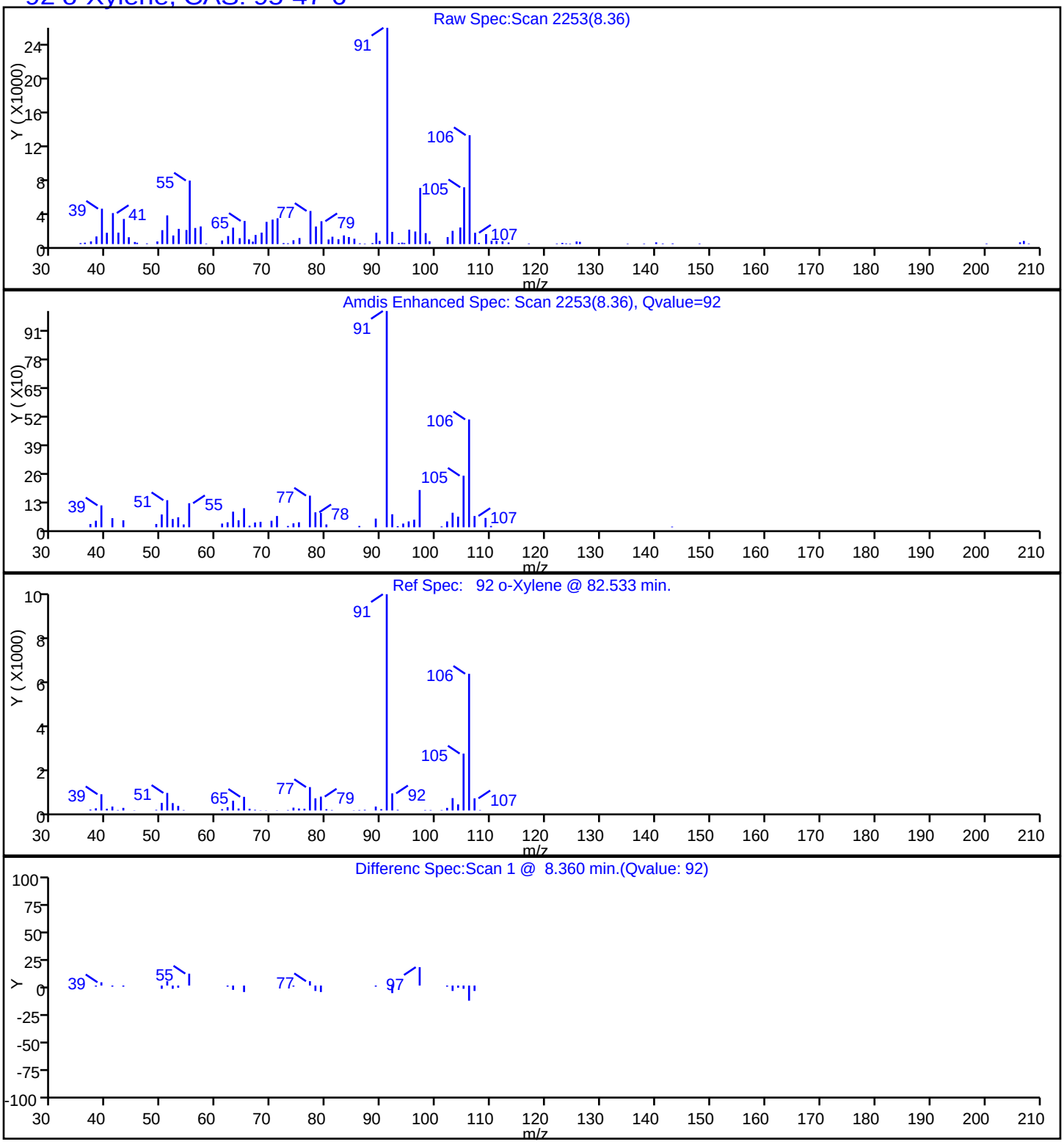


Report Date: 15-Mar-2014 14:15:57 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367326.D		
Injection Date:	14-Mar-2014 01:55:30	Instrument ID:	CVOAMS4
Lims ID:	460-72174-B-38-A	Lab Sample ID:	460-72174-38
Client ID:	PMP-10SW-SI		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260B Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

92 o-Xylene, CAS: 95-47-6



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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367326.D

Injection Date: 14-Mar-2014 01:55:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-38-A Lab Sample ID: 460-72174-38

Client ID: PMP-10SW-SI

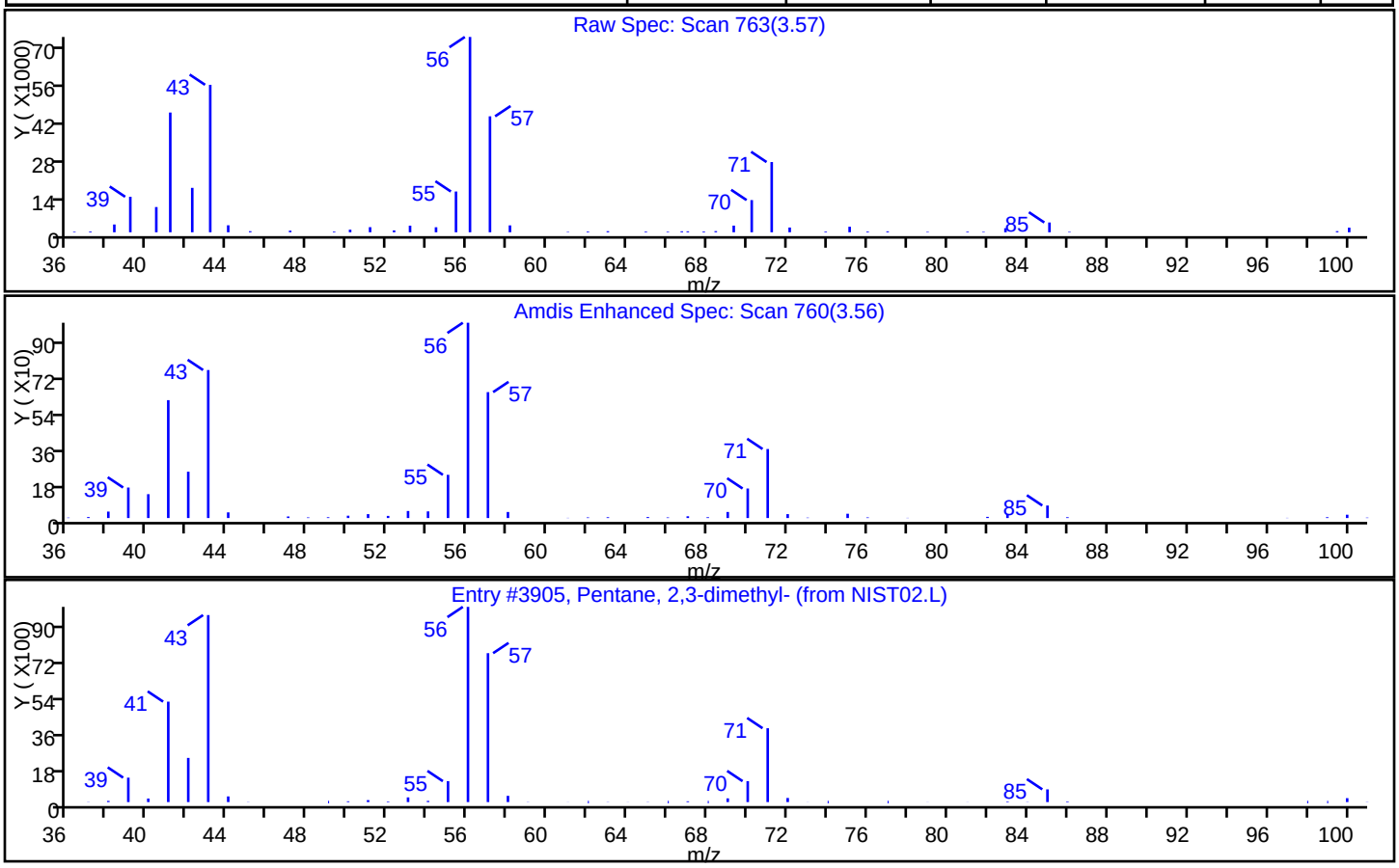
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 2,3-dimethyl-	565-59-3	NIST02.L	3905	C7H16	100	94



Report Date: 15-Mar-2014 14:15:57 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367326.D

Injection Date: 14-Mar-2014 01:55:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-38-A Lab Sample ID: 460-72174-38

Client ID: PMP-10SW-SI

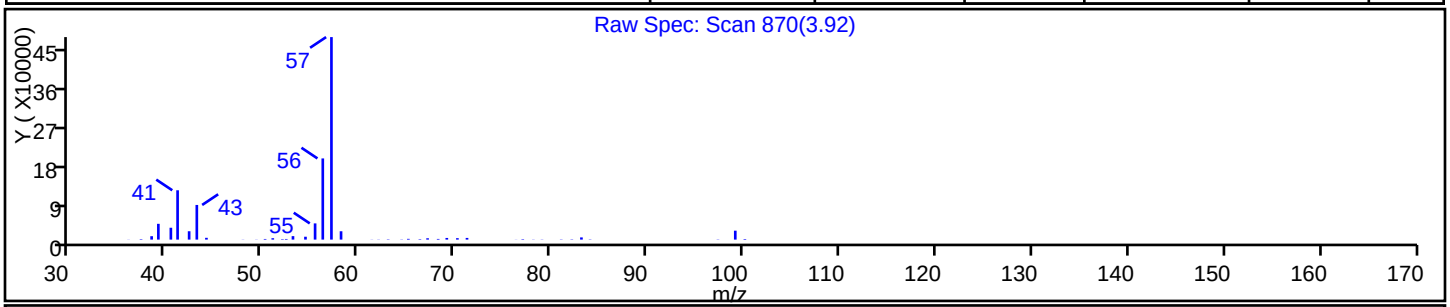
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19

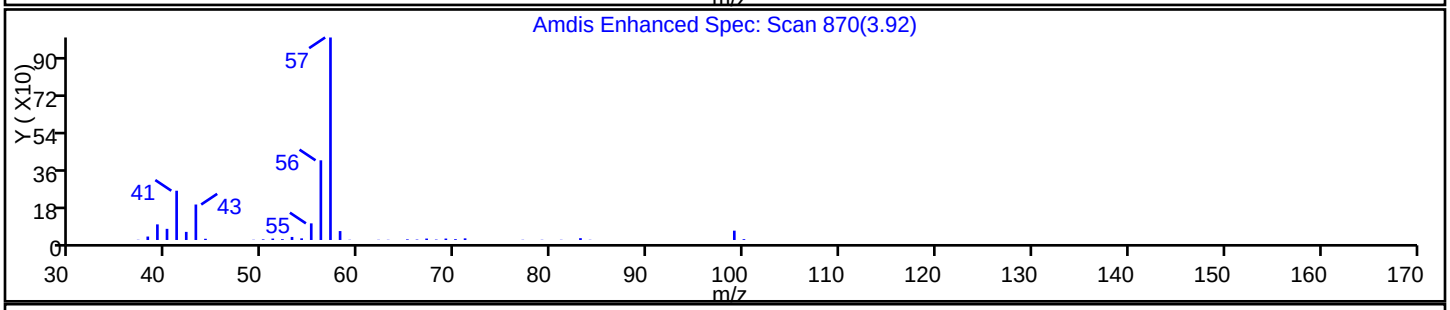
Purge Vol: 5.000 mL Dil. Factor: 1.0000

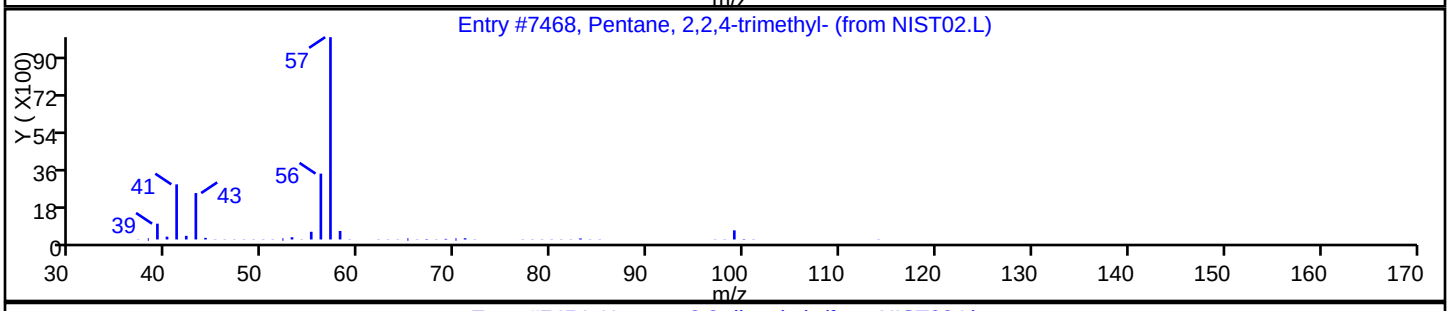
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

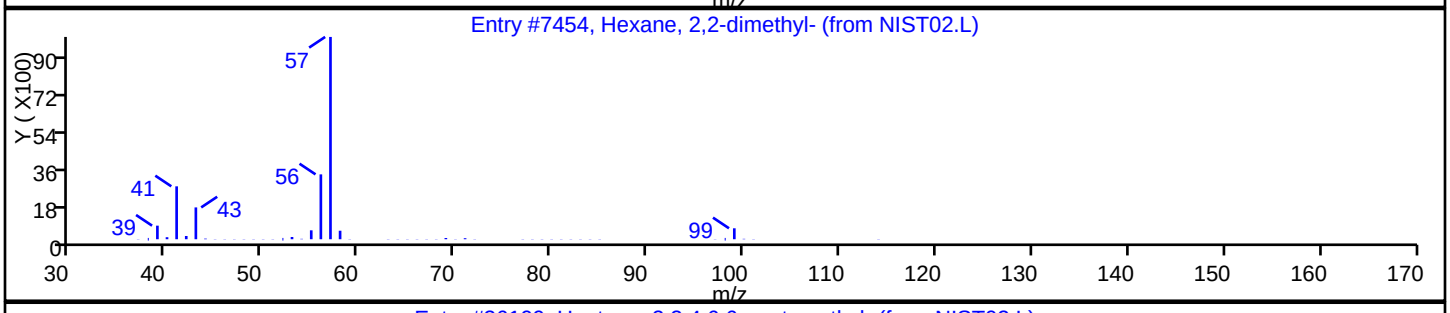
Column: Detector MS SCAN

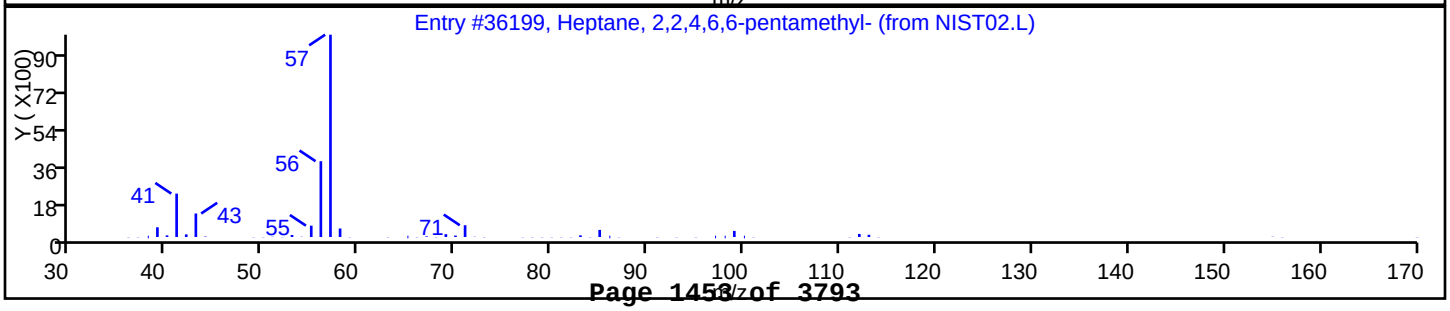
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 2,2,4-trimethyl-	540-84-1	NIST02.L	7468	C8H18	114	83
Hexane, 2,2-dimethyl-	590-73-8	NIST02.L	7454	C8H18	114	74
Heptane, 2,2,4,6,6-pentamethyl-	13475-82-6	NIST02.L	36199	C12H26	170	74











Report Date: 15-Mar-2014 14:15:57 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367326.D

Injection Date: 14-Mar-2014 01:55:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-38-A Lab Sample ID: 460-72174-38

Client ID: PMP-10SW-SI

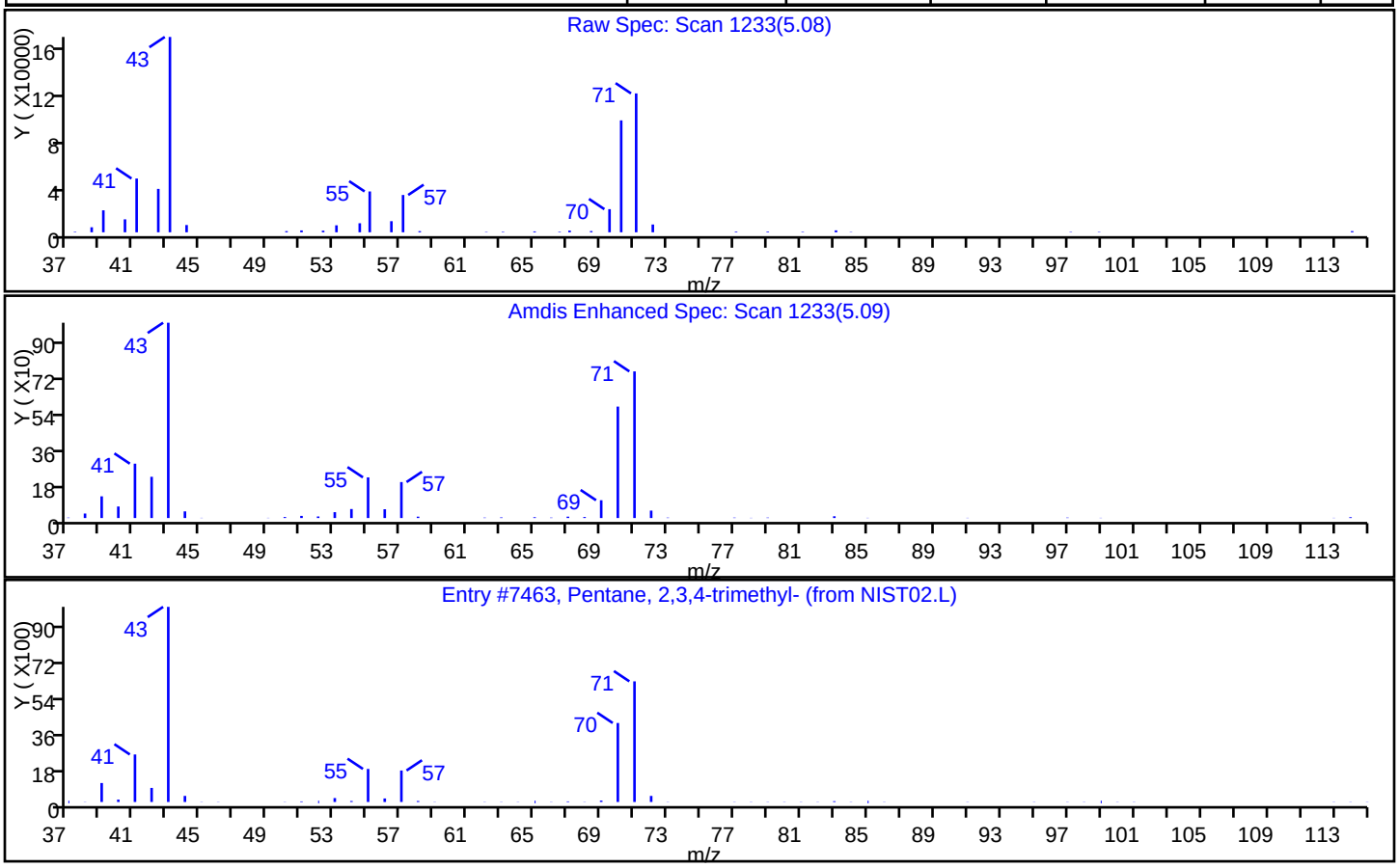
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 2,3,4-trimethyl-	565-75-3	NIST02.L	7463	C8H18	114	83



Report Date: 15-Mar-2014 14:15:57 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367326.D

Injection Date: 14-Mar-2014 01:55:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-38-A Lab Sample ID: 460-72174-38

Client ID: PMP-10SW-SI

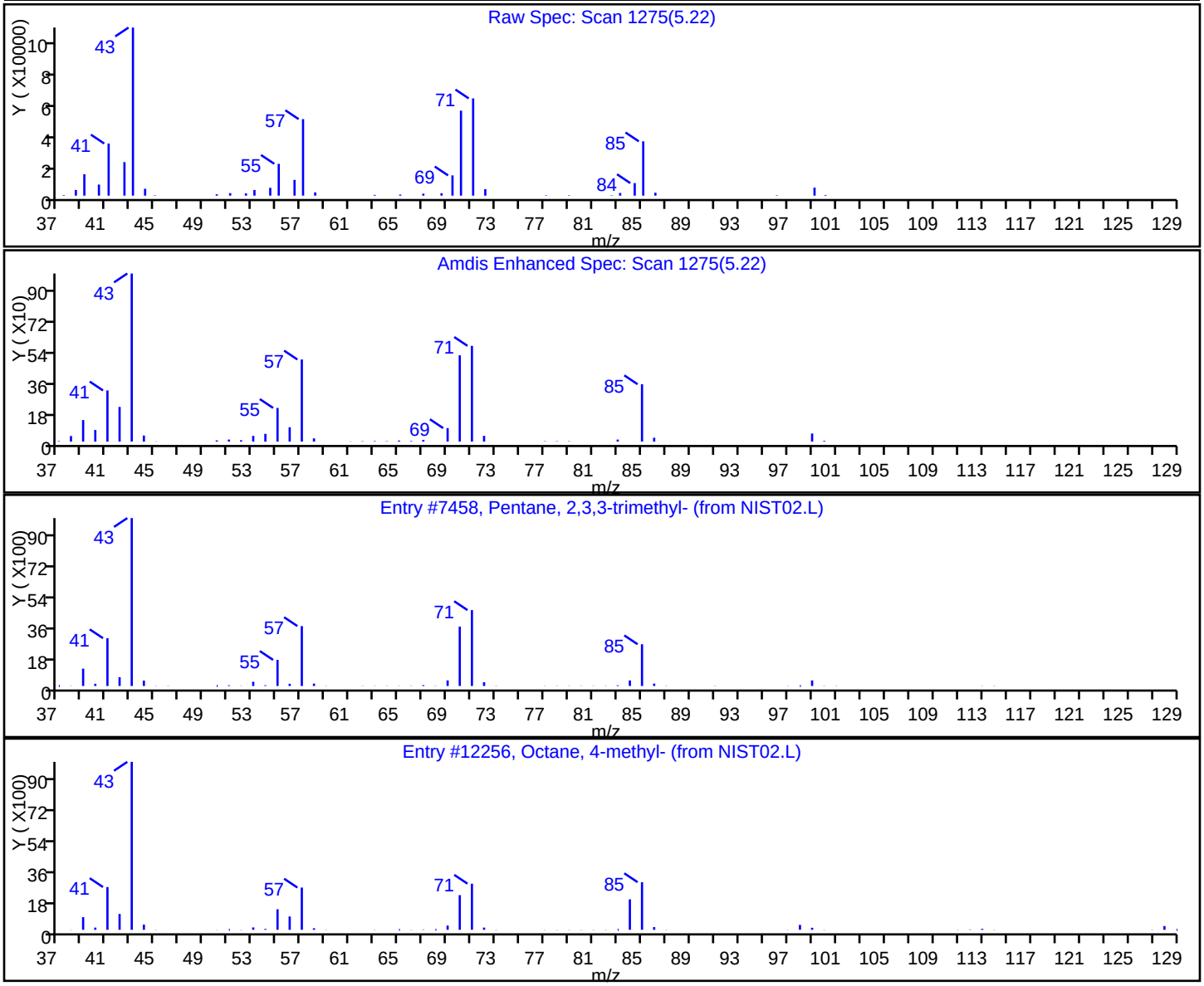
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 2,3,3-trimethyl-	560-21-4	NIST02.L	7458	C8H18	114	78
Octane, 4-methyl-	2216-34-4	NIST02.L	12256	C9H20	128	72



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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367326.D

Injection Date: 14-Mar-2014 01:55:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-38-A Lab Sample ID: 460-72174-38

Client ID: PMP-10SW-SI

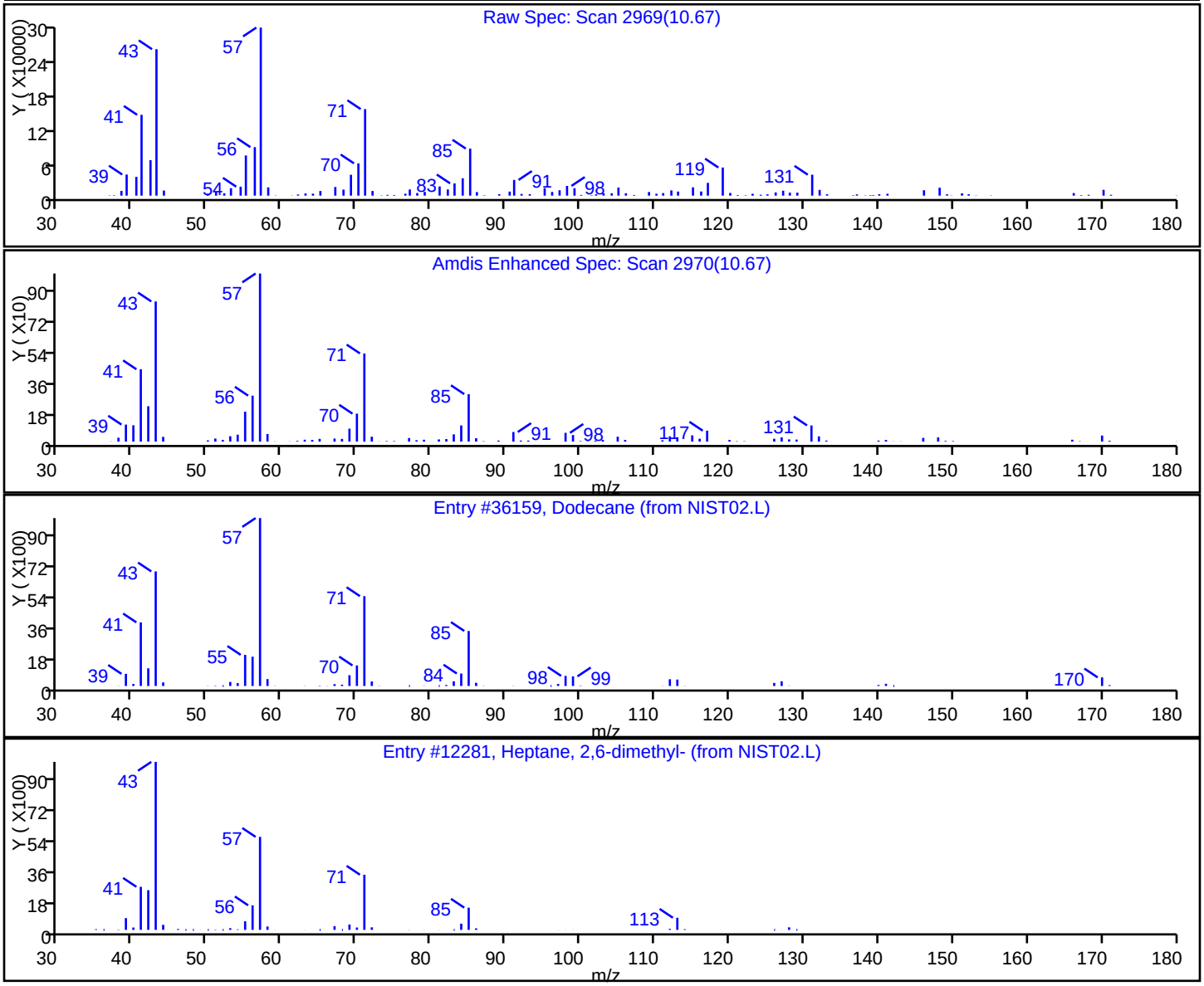
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane	112-40-3	NIST02.L	36159	C12H26	170	76
Heptane, 2,6-dimethyl-	1072-05-5	NIST02.L	12281	C9H20	128	72



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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367326.D

Injection Date: 14-Mar-2014 01:55:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-38-A Lab Sample ID: 460-72174-38

Client ID: PMP-10SW-SI

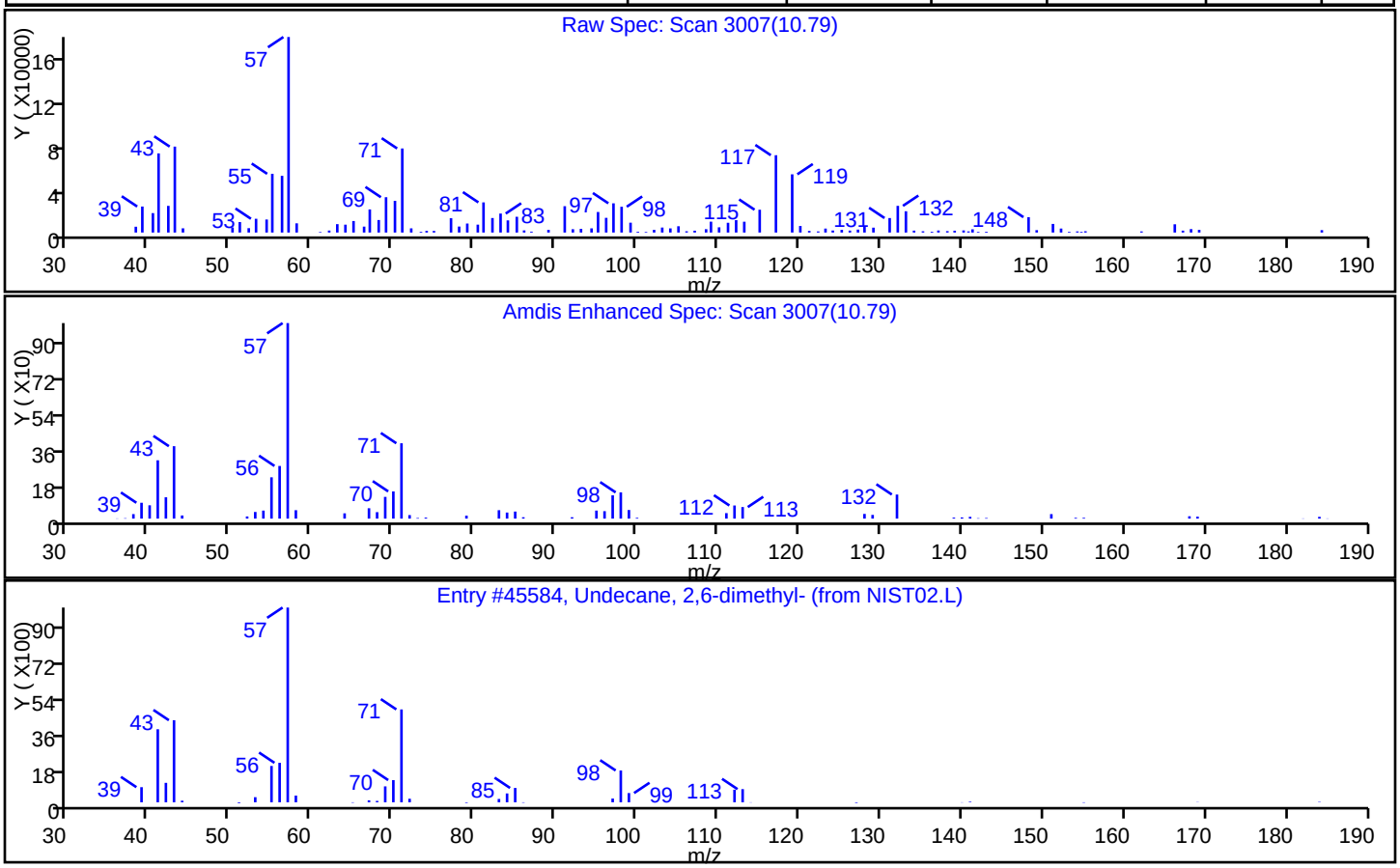
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.L	45584	C13H28	184	76



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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367326.D

Injection Date: 14-Mar-2014 01:55:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-38-A Lab Sample ID: 460-72174-38

Client ID: PMP-10SW-SI

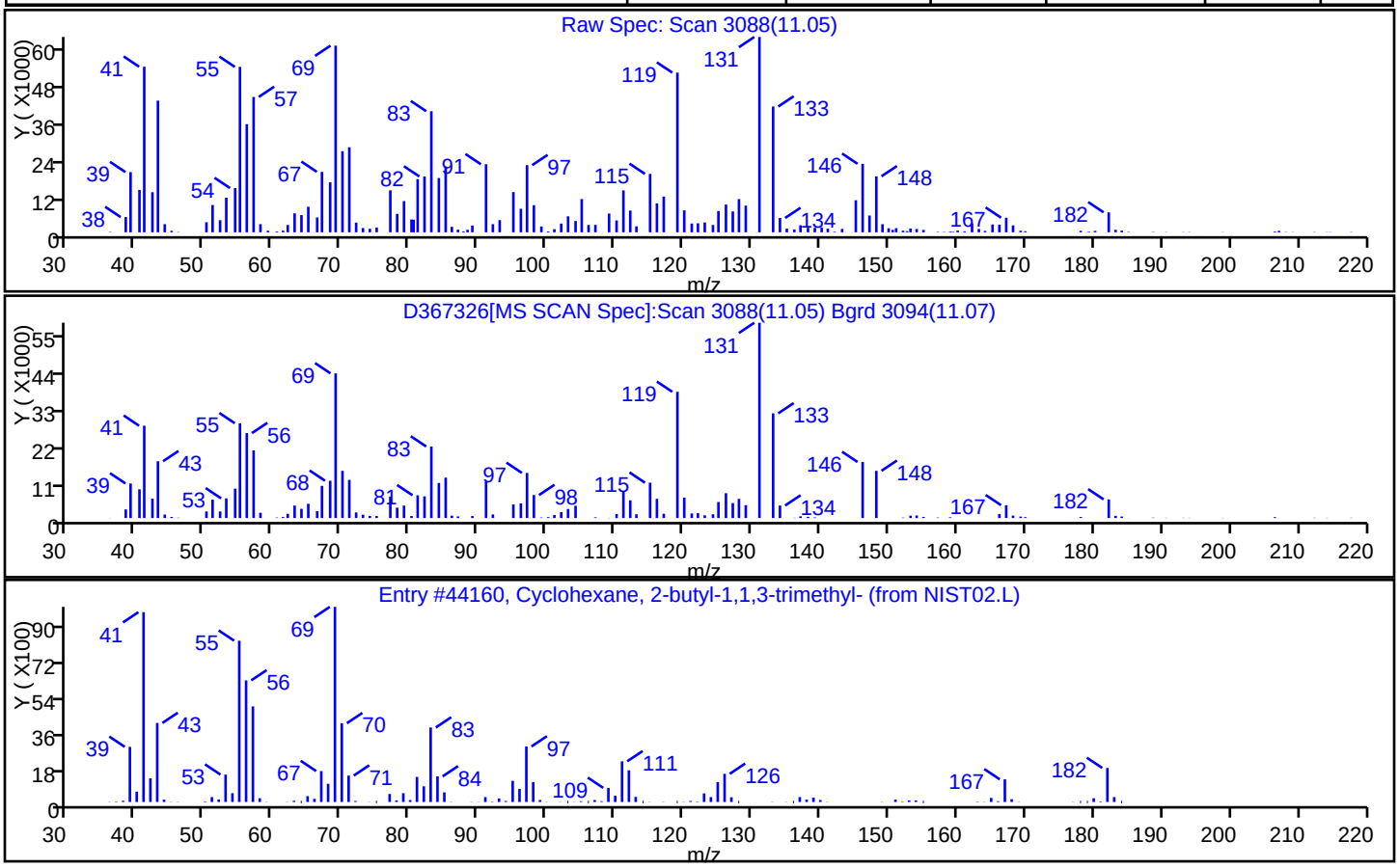
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, 2-butyl-1,1,3-trimethyl-	54676-39-0	NIST02.L	44160	C13H26	182	81



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TestAmerica Edison

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Injection Date: 14-Mar-2014 01:55:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-38-A Lab Sample ID: 460-72174-38

Client ID: PMP-10SW-SI

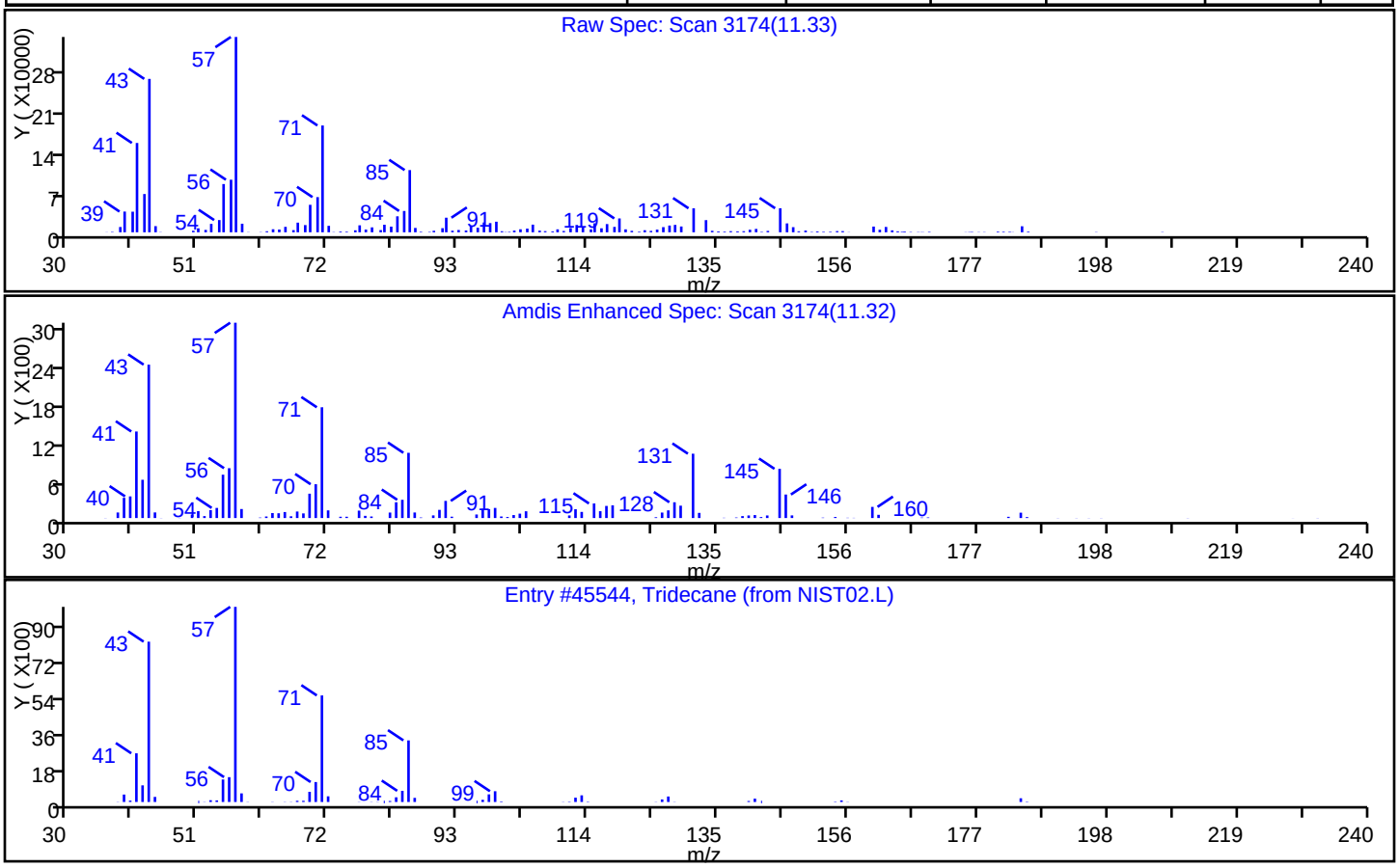
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tridecane	629-50-5	NIST02.L	45544	C13H28	184	87



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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367326.D

Injection Date: 14-Mar-2014 01:55:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-38-A Lab Sample ID: 460-72174-38

Client ID: PMP-10SW-SI

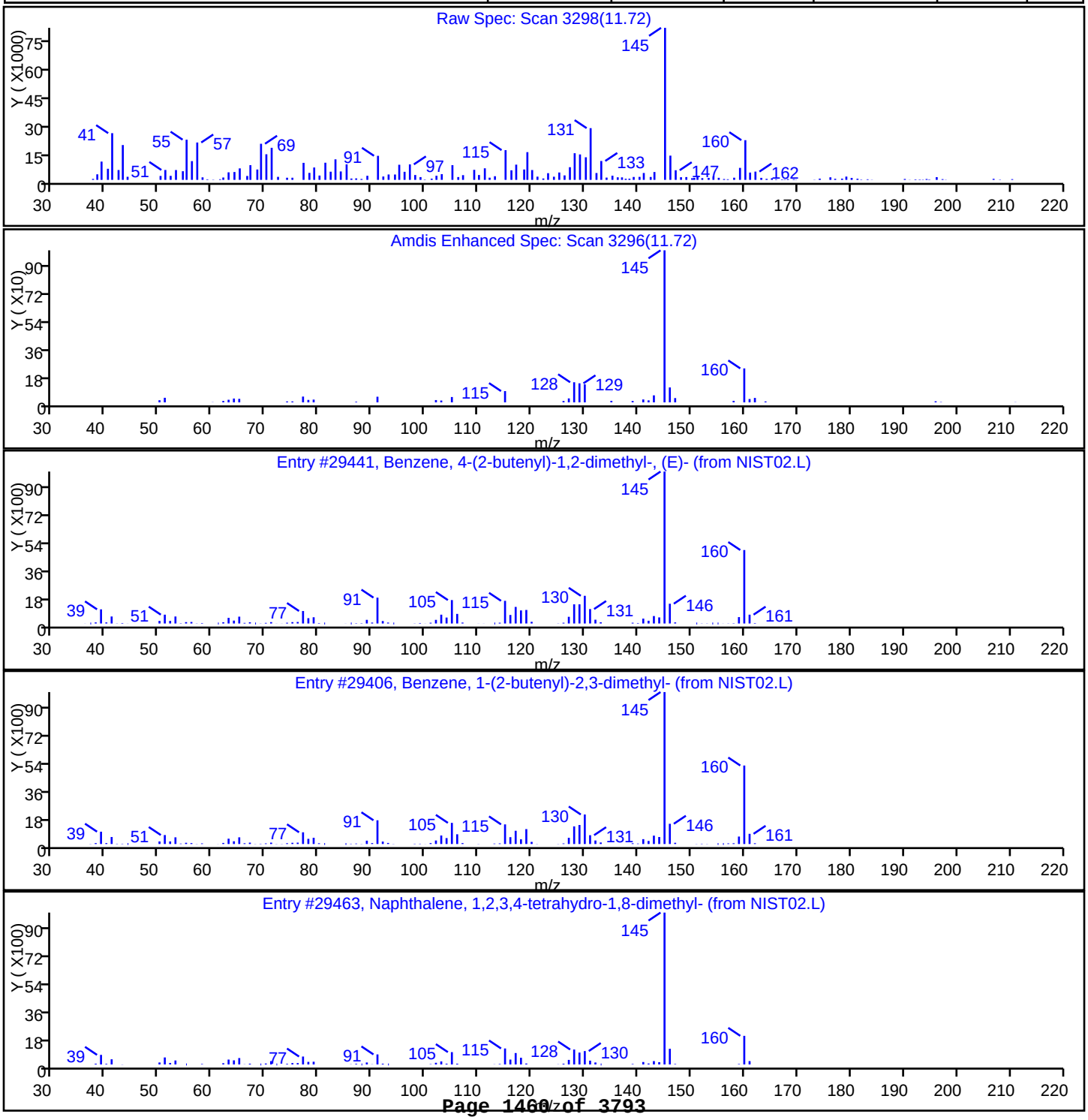
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 4-(2-butenyl)-1,2-dimethyl-, (E	54340-86-2	NIST02.L	29441	C12H16	160	91
Benzene, 1-(2-butenyl)-2,3-dimethyl-	54340-85-1	NIST02.L	29406	C12H16	160	91
Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	25419-33-4	NIST02.L	29463	C12H16	160	91



Report Date: 15-Mar-2014 14:15:57 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367326.D

Injection Date: 14-Mar-2014 01:55:30 Instrument ID: CVOAMS4

Lims ID: 460-72174-B-38-A Lab Sample ID: 460-72174-38

Client ID: PMP-10SW-SI

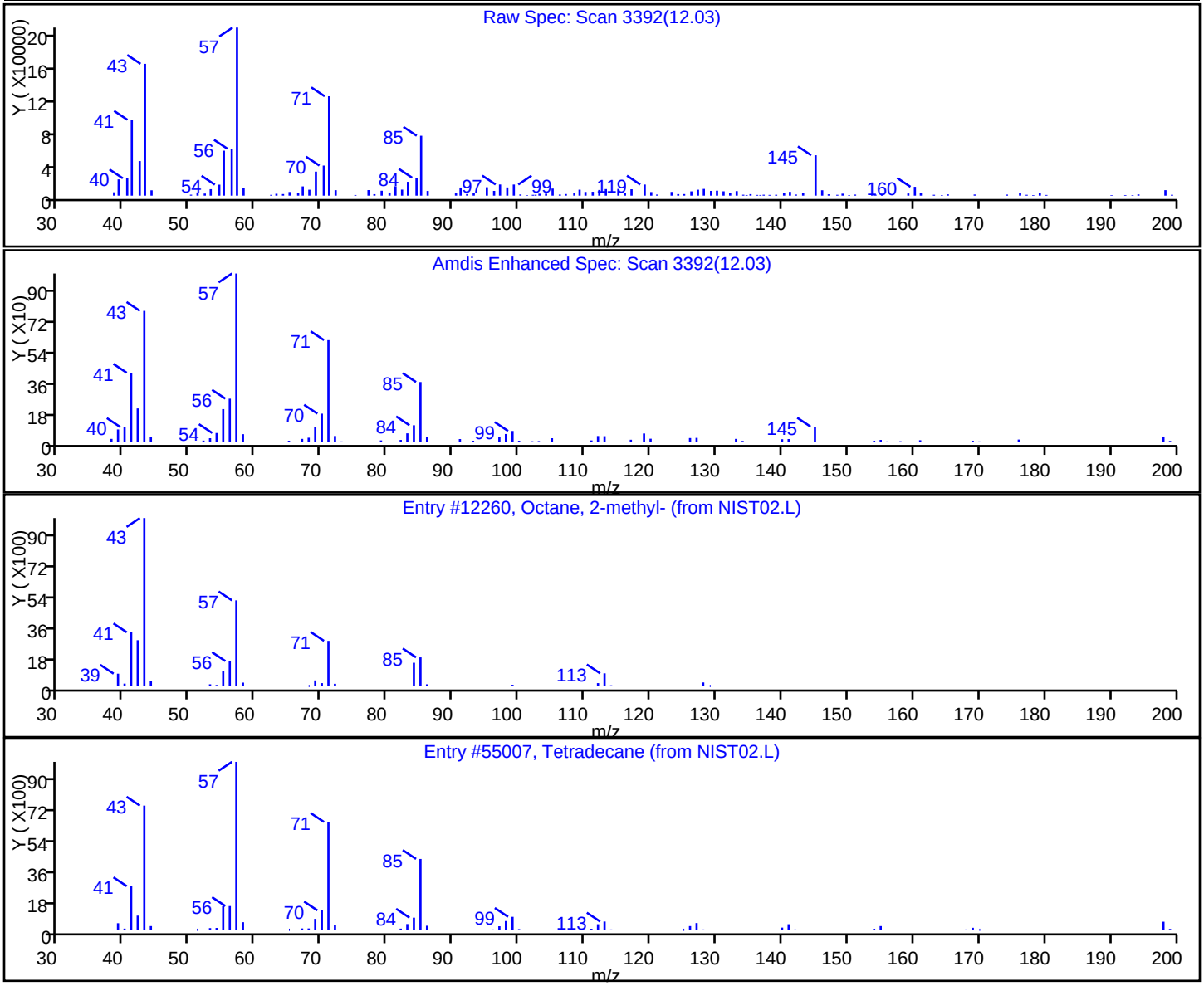
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octane, 2-methyl-	3221-61-2	NIST02.L	12260	C9H20	128	72
Tetradecane	629-59-4	NIST02.L	55007	C14H30	198	70



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211772

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:37 Calibration End Date: 03/11/2014 13:55 Calibration ID: 36174

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-211772/14	A00422.D
Level 2	STD5 460-211772/5	A00413.D
Level 3	STD20 460-211772/6	A00414.D
Level 4	STD50 460-211772/7	A00415.D
Level 5	STD200 460-211772/8	A00416.D
Level 6	STD500 460-211772/9	A00417.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Propene	0.3336 0.2869	0.2763	0.2993	0.2657	0.2601	Ave		0.2870				9.4		15.0			
Chlorotrifluoroethene	0.1213 0.1009	0.1072	0.1071	0.1072	0.0985	Ave		0.1070				7.4		15.0			
Dichlorodifluoromethane	0.5586 0.5315	0.5956	0.5533	0.5759	0.5186	Ave		0.5556				5.1		15.0			
Chloromethane	0.7275 0.6046	0.6789	0.5779	0.6120	0.5964	Ave		0.6329			0.1000	9.1		15.0			
Vinyl chloride	0.5688 0.5759	0.6444	0.5656	0.5869	0.5682	Ave		0.5850				5.1		15.0			
Butadiene	0.4744 0.5006	0.5597	0.4891	0.5087	0.4864	Ave		0.5031				6.0		15.0			
Bromomethane	0.4730 0.3145	0.3615	0.3197	0.3311	0.3143	QuaF		0.3166	0						1.0000		0.9900
Chloroethane	0.3648 0.3006	0.3763	0.3185	0.3243	0.2982	Ave		0.3304			0.1000	9.9		15.0			
Dichlorofluoromethane	0.8493 0.7313	0.8740	0.7466	0.7665	0.7237	Ave		0.7819				8.2		15.0			
Trichlorofluoromethane	0.4874 0.5272	0.5582	0.5261	0.5447	0.5104	Ave		0.5257				4.8		15.0			
n-Pentane	0.1037 0.0726	0.0758	0.0755	0.0716	0.0655	QuaF		0.0624	0						1.0000		0.9900
Ethanol	0.0475 0.0253	0.0310	0.0385	0.0300	0.0292	QuaF		0.0318	0						1.0000		0.9900
Ethyl ether	0.4517 0.2630	0.3410	0.3057	0.2865	0.2699	QuaF		0.2771	0						1.0000		0.9900
Isopropene	1.3034 0.9487	0.9403	0.9863	0.9544	0.9057	Ave		1.0065				15.0		15.0			
1,2-Dichlorotrifluoroethane	0.3854 0.2750	0.2889	0.2818	0.2817	0.2646	Ave		0.2962				15.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211772

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:37 Calibration End Date: 03/11/2014 13:55 Calibration ID: 36174

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chloropropane	0.2100 0.1547	0.1437	0.1702	0.1493	0.1457	QuaF		0.1415	0						1.0000		0.9900
Acrolein	1.7338 1.2626	1.7778	1.7250	1.5622	1.3236	Ave		1.5642				14.0		15.0			
Freon TF	0.2429 0.3329	0.2591	0.3421	0.3315	0.3214	Ave		0.3050				14.0		15.0			
1,1-Dichloroethene	0.4104 0.3213	0.3046	0.3364	0.3191	0.3078	Ave		0.3333				12.0		15.0			
Acetone	0.1632 0.1092	0.1837	0.1183	0.1098	0.1118	QuaF		0.1133	0						1.0000		0.9900
Iodomethane	22.133 21.753	26.688	25.594	24.274	22.672	Ave		23.852				8.4		15.0			
Carbon disulfide	1.2568 1.2605	1.3048	1.3056	1.2372	1.2251	Ave		1.2650				2.7		15.0			
Isopropanol	0.7912 0.4536	0.5611	0.4827	0.4590	0.4776	QuaF		0.4894	0						1.0000		0.9900
Allyl chloride	0.2444 0.2030	0.2459	0.2343	0.2214	0.2080	Ave		0.2262				8.1		15.0			
Cyclopentene	1.1500 1.0201	1.0121	1.0240	1.0281	0.9882	Ave		1.0371				5.5		15.0			
Methyl acetate	0.3184 0.2339	0.2629	0.2362	0.2338	0.2298	Ave		0.2525				14.0		15.0			
Acetonitrile	3.2266 2.9249	3.1587	2.6962	3.2213	3.1089	Ave		3.0561				6.8		15.0			
1-Chloropropane	0.0481 0.0277	0.0328	0.0320	0.0274	0.0271	QuaF		0.0269	0						1.0000		0.9900
Methylene Chloride	0.4550 0.3608	0.4337	0.3918	0.3747	0.3527	Ave		0.3948				10.0		15.0			
TBA	1.8349 0.9481	1.7007	1.1099	1.1113	1.0093	QuaF		1.0624	0						1.0000		0.9900
MTBE	1.2259 1.0164	1.1419	1.0375	0.9956	0.9720	Ave		1.0649				9.2		15.0			
trans-1,2-Dichloroethene	0.4095 0.3384	0.3869	0.3714	0.3463	0.3301	Ave		0.3638				8.5		15.0			
Acrylonitrile	0.1491 0.1208	0.1412	0.1195	0.1167	0.1141	Ave		0.1269				11.0		15.0			
Hexane	0.1762 0.3183	0.2122	0.3344	0.3316	0.3121	QuaF		0.3116	0						1.0000		0.9900
DIPE	1.2689 1.2044	1.2398	1.1691	1.1801	1.1458	Ave		1.2014				3.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211772

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:37 Calibration End Date: 03/11/2014 13:55 Calibration ID: 36174

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloroethane	0.7079 0.6288	0.7196	0.6726	0.6405	0.6194	Ave		0.6648			0.1000	6.3		15.0			
Vinyl acetate	1.0050 0.8402	0.9023	0.8163	0.8016	0.7879	Ave		0.8589				9.6		15.0			
Allyl alcohol	0.2778 0.0969	0.1330	0.1362	0.1292	0.1140	QuaF		0.1266	0						1.0000		0.9900
2-Chloro-1,3-butadiene	0.3600 0.3105	0.3096	0.3096	0.3082	0.2982	Ave		0.3160				7.0		15.0			
Tert-butyl ethyl ether	1.2130 1.1355	1.0984	1.0599	1.0736	1.0675	Ave		1.1080				5.3		15.0			
2,2-Dichloropropane	0.5632 0.5125	0.5449	0.5442	0.5092	0.4988	Ave		0.5288				4.8		15.0			
cis-1,2-Dichloroethene	0.4283 0.3755	0.4211	0.4011	0.3804	0.3672	Ave		0.3956				6.4		15.0			
Ethyl acetate	0.0337 0.0279	0.0254	0.0225	0.0224	0.0255	QuaF		0.0236	0						1.0000		0.9900
2-Butanone	1.8703 1.4514	1.8215	1.4587	1.4275	1.4288	Ave		1.5764				13.0		15.0			
Methyl acrylate	0.2904 0.2751	0.2284	0.2224	0.2132	0.2410	Ave		0.2451				13.0		15.0			
Propionitrile	0.0535 0.0379	0.0378	0.0341	0.0351	0.0357	QuaF		0.0343	0						1.0000		0.9900
Bromochloromethane	0.1924 0.1680	0.2037	0.1767	0.1687	0.1629	Ave		0.1787				9.0		15.0			
Tetrahydrofuran	6.9395 4.7839	6.1183	4.8345	4.8061	4.7084	QuaF		4.6829	0.0001						1.0000		0.9900
Methacrylonitrile	0.1400 0.1327	0.1114	0.1097	0.1126	0.1207	Ave		0.1212				10.0		15.0			
Chloroform	0.5952 0.5705	0.6673	0.5947	0.5767	0.5642	Ave		0.5948				6.3		15.0			
Cyclohexane	0.3456 0.7151	0.4913	0.6668	0.6678	0.6661	QuaF		0.6374	0.0002						1.0000		0.9900
1,1,1-Trichloroethane	0.5013 0.5049	0.5061	0.5031	0.4894	0.4809	Ave		0.4976				2.0		15.0			
Carbon tetrachloride	0.3221 0.4172	0.3720	0.4116	0.3945	0.3994	Ave		0.3861				9.1		15.0			
1,1-Dichloropropene	0.3988 0.4517	0.4143	0.4377	0.4199	0.4283	Ave		0.4251				4.4		15.0			
Isobutyl alcohol	0.8079 0.7711	0.7667	0.7891	0.7898	0.7588	Ave		0.7806				2.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211772

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:37 Calibration End Date: 03/11/2014 13:55 Calibration ID: 36174

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzene	2.2596 2.0386	2.3043	2.2051	2.2148	2.1651	Ave		2.1979				4.2		15.0			
Isopropyl acetate	1.0493 0.9663	0.8644	0.8593	0.8796	0.8925	Ave		0.9186				8.1		15.0			
Tert-amyl methyl ether	1.0989 1.0613	0.9880	0.9745	0.9753	0.9747	Ave		1.0121				5.4		15.0			
1,2-Dichloroethane	0.4275 0.4233	0.4482	0.3996	0.3874	0.3890	Ave		0.4125				5.9		15.0			
n-Heptane	0.0915 0.2750	0.1887	0.2720	0.2840	0.2745	QuaF		0.2752	0						1.0000		0.9900
2,4,4-Trimethyl-1-pentene	0.6758 1.0890	0.8131	0.9479	1.0066	1.0550	QuaF		1.0256	0.0001						1.0000		0.9900
n-Butanol	0.2900 0.1949	0.2151	0.1847	0.2096	0.2174	QuaF		0.2287	0						1.0000		0.9900
Trichloroethene	0.2991 0.3507	0.3482	0.3207	0.3139	0.3313	Ave		0.3273				6.1		15.0			
Ethyl acrylate	0.4991 0.9350	0.6478	0.7913	0.8173	0.8430	QuaF		0.7844	0.0003						1.0000		0.9900
Methylcyclohexane	0.2365 0.6622	0.4395	0.6123	0.6380	0.6291	QuaF		0.6103	0.0001						1.0000		0.9900
1,2-Dichloropropane	0.4338 0.3610	0.4082	0.3404	0.3347	0.3393	Ave		0.3696				11.0		15.0			
Methyl methacrylate	0.0833 0.0806	0.0634	0.0654	0.0674	0.0723	Ave		0.0721				11.0		15.0			
Propyl acetate	0.4304 0.4231	0.3219	0.3299	0.3230	0.3638	Ave		0.3654				14.0		15.0			
1,4-Dioxane	0.3782 0.4738	1.6586	0.8975	1.0291	0.6865	QuaF		0.8635	0						0.9970		0.9900
Dibromomethane	0.2023 0.1859	0.2044	0.1717	0.1668	0.1725	Ave		0.1839				8.9		15.0			
Bromodichloromethane	0.4464 0.4615	0.4840	0.3944	0.3975	0.4216	Ave		0.4342				8.3		15.0			
2-Chloroethyl vinyl ether	0.1886 0.1696	0.1429	0.1383	0.1320	0.1450	Ave		0.1527				14.0		15.0			
2-Nitropropane	0.1026 0.0706	0.0551	0.0571	0.0575	0.0622	QuaF		0.0565	0						1.0000		0.9900
Epichlorohydrin	0.0431 0.0335	0.0390	0.0313	0.0317	0.0329	Ave		0.0352				14.0		15.0			
cis-1,3-Dichloropropene	0.8241 0.8214	0.8353	0.7092	0.7276	0.7745	Ave		0.7820				6.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211772

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:37 Calibration End Date: 03/11/2014 13:55 Calibration ID: 36174

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Methyl-2-pentanone	0.5414 0.4312	0.5417	0.4295	0.4463	0.4525	Ave		0.4738				11.0		15.0			
Toluene	1.9790 2.0490	2.2615	2.0806	2.1055	2.1541	Ave		2.1050				4.6		15.0			
trans-1,3-Dichloropropene	0.7157 0.6400	0.6930	0.5737	0.5725	0.5941	Ave		0.6315				9.8		15.0			
Ethyl methacrylate	0.4325 0.4357	0.4843	0.3958	0.3806	0.3899	Ave		0.4198				9.3		15.0			
1,1,2-Trichloroethane	0.4269 0.3317	0.3793	0.3152	0.3228	0.3226	Ave		0.3498				13.0		15.0			
Tetrachloroethene	0.3579 0.5000	0.4736	0.4647	0.4810	0.4963	Ave		0.4623				11.0		15.0			
1,3-Dichloropropane	0.7142 0.6860	0.7738	0.6264	0.6255	0.6510	Ave		0.6795				8.5		15.0			
2-Hexanone	0.3434 0.2725	0.3410	0.2635	0.2565	0.2665	Ave		0.2906				14.0		15.0			
Butyl acetate	0.1553 0.0965	0.1111	0.0922	0.0990	0.0942	QuaF		0.0935	0						1.0000		0.9900
Dibromochloromethane	0.4392 0.4364	0.4561	0.3905	0.4072	0.4210	Ave		0.4251				5.6		15.0			
1,2-Dibromoethane	0.4132 0.3583	0.4058	0.3441	0.3432	0.3475	Ave		0.3687				8.7		15.0			
Chlorobenzene	1.3154 1.2797	1.4794	1.2374	1.2327	1.2687	Ave		1.3022			0.3000	7.1		15.0			
Ethylbenzene	0.6644 0.7611	0.8558	0.7550	0.7590	0.7581	Ave		0.7589				8.0		15.0			
1,1,1,2-Tetrachloroethane	0.5323 0.4952	0.5849	0.4959	0.5134	0.5140	Ave		0.5226				6.4		15.0			
m&p-Xylene	0.7798 0.9243	1.0472	0.9402	0.9389	0.9393	Ave		0.9283				9.2		15.0			
Butyl acrylate	0.4054 0.3520	0.3844	0.3689	0.3714	0.3509	Ave		0.3722				5.5		15.0			
o-Xylene	0.8144 0.9386	1.1159	0.9738	0.9861	0.9771	Ave		0.9677				10.0		15.0			
Styrene	1.5175 1.4707	1.8556	1.5826	1.5744	1.5564	Ave		1.5929				8.5		15.0			
Amly acetate	1.6447 1.6936	1.4886	1.4276	1.4400	1.5205	Ave		1.5359				7.1		15.0			
Bromoform	0.3231 0.2737	0.3471	0.2727	0.2814	0.2796	Ave		0.2963			0.1000	11.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211772

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:37 Calibration End Date: 03/11/2014 13:55 Calibration ID: 36174

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropylbenzene	1.5683 2.0289	2.6369	2.5749	2.6844	2.6718	QuaF		3.0464	-0.002						1.0000		0.9900
Camphene, Total	0.2020 0.2023	0.1873	0.1953	0.2145	0.2070	Ave		0.2014				4.7		15.0			
1,1,2,2-Tetrachloroethane	1.1360 0.9672	1.0629	0.8721	0.8688	0.9059	Ave		0.9688			0.3000	11.0		15.0			
Monobromobenzene	0.9790 1.0587	1.1650	0.9398	0.9265	0.9617	Ave		1.0051				9.1		15.0			
N-Propylbenzene	3.0695 4.2984	5.4762	5.1607	5.2942	5.4439	QuaF		6.0852	-0.004						1.0000		0.9900
trans-1,4-Dichloro-2-butene	0.3274 0.2839	0.3141	0.2519	0.2535	0.2646	Ave		0.2826				11.0		15.0			
1,2,3-Trichloropropane	0.3248 0.2580	0.3082	0.2515	0.2451	0.2499	Ave		0.2729				13.0		15.0			
p-Ethyltoluene	4.0262 3.9343	4.3317	4.1822	4.3405	4.5375	Ave		4.2254				5.3		15.0			
2-Chlorotoluene	2.8480 3.6162	4.0219	3.5682	3.6011	3.8843	Ave		3.5899				11.0		15.0			
1,3,5-Trimethylbenzene	2.2009 3.5397	3.8572	3.6137	3.8558	4.0234	QuaF		4.2728	-0.001						1.0000		0.9900
Butyl Methacrylate	1.2684 1.5210	1.3596	1.3519	1.3958	1.4546	Ave		1.3919				6.3		15.0			
4-Chlorotoluene	2.4276 3.0502	3.5128	3.0181	3.0003	3.1029	Ave		3.0186				11.0		15.0			
tert-Butylbenzene	1.4030 3.1945	2.6384	2.7056	2.9298	3.3348	QuaF		3.3457	0						1.0000		0.9900
1,2,4-Trimethylbenzene	2.5026 3.5534	4.1071	3.8035	3.9422	4.0818	QuaF		4.3645	-0.002						1.0000		0.9900
sec-Butylbenzene	1.8234 4.1148	4.3362	4.4852	4.8817	5.1841	QuaF		5.7490	-0.003						0.9990		0.9900
p-Isopropyltoluene	1.9362 3.7519	3.9862	3.9461	4.1945	4.4212	QuaF		4.7690	-0.002						1.0000		0.9900
1,3-Dichlorobenzene	1.7006 2.0381	2.2475	2.0131	2.0063	2.0059	Ave		2.0019				8.7		15.0			
1,4-Dichlorobenzene	1.7743 2.0511	2.3405	2.0345	2.0268	2.0352	Ave		2.0437				8.8		15.0			
Benzyl chloride	2.1653 1.9761	1.8957	1.8515	1.8903	1.9304	Ave		1.9516				5.8		15.0			
Indan	1.5518 1.3940	1.6775	1.5940	1.6404	1.5914	Ave		1.5749				6.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211772

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:37 Calibration End Date: 03/11/2014 13:55 Calibration ID: 36174

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Diethylbenzene	2.1910 2.7092	2.5642	2.5589	2.7193	2.7639	Ave		2.5844				8.1		15.0			
n-Butylbenzene	0.9697 2.3598	2.2553	2.2499	2.3831	2.4400	QuaF		2.4742	0						1.0000		0.9900
1,2-Dichlorobenzene	1.8470 1.9291	2.2209	1.9140	1.9552	1.9555	Ave		1.9703				6.6		15.0			
1,2,4,5-Tetramethylbenzene	3.3485 3.5688	3.4935	3.4490	3.6124	3.7933	Ave		3.5442				4.3		15.0			
1,2-Dibromo-3-Chloropropane	0.2469 0.1360	0.1625	0.1258	0.1249	0.1300	QuaF		0.1258	0						1.0000		0.9900
1,3,5-Trichlorobenzene	1.4200 1.5579	1.4043	1.4279	1.4821	1.5355	Ave		1.4713				4.4		15.0			
Camphor	0.1154 0.0718	0.0641	0.0513	0.0545	0.0581	QuaF		0.0495	0						1.0000		0.9900
1,2,4-Trichlorobenzene	1.1747 1.1787	1.1899	1.0588	1.1003	1.1397	Ave		1.1403				4.5		15.0			
Hexachlorobutadiene	0.2941 0.7188	0.6054	0.6275	0.6851	0.7107	QuaF		0.7003	0						1.0000		0.9900
Naphthalene	2.8767 1.9656	1.9450	1.6855	1.7720	1.8173	QuaF		1.7217	0.0005						1.0000		0.9900
1,2,3-Trichlorobenzene	1.1847 0.7505	0.7664	0.6709	0.6985	0.7161	QuaF		0.6926	0.0001						1.0000		0.9900
Dibromofluoromethane (Surr)	0.2641 0.2671	0.2706	0.2885	0.2730	0.2667	Ave		0.2717				3.2		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2960 0.3610	0.2916	0.3090	0.2939	0.3112	Ave		0.3105				8.4		15.0			
Toluene-d8 (Surr)	1.5577 1.5930	1.5604	1.6990	1.6485	1.6666	Ave		1.6209				3.6		15.0			
Bromofluorobenzene	0.8070 0.8951	0.8225	0.8732	0.8248	0.8411	Ave		0.8440				4.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211772

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:37 Calibration End Date: 03/11/2014 13:55 Calibration ID: 36174

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-211772/14	A00422.D
Level 2	STD5 460-211772/5	A00413.D
Level 3	STD20 460-211772/6	A00414.D
Level 4	STD50 460-211772/7	A00415.D
Level 5	STD200 460-211772/8	A00416.D
Level 6	STD500 460-211772/9	A00417.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Propene	FB	Ave	9050 4532907	36524	162487	380637	1602748	2.00 1000	10.0	40.0	100	400
Chlorotrifluoroethene	FB	Ave	1645 796886	7081	29073	76786	303640	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	7576 4198665	39360	150203	412429	1598114	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	9867 4776254	44861	156861	438315	1837883	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	7715 4548996	42583	153541	420361	1750808	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	6434 3954145	36986	132770	364295	1498650	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	QuaF	6415 2484147	23891	86782	237109	968372	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	4948 2374830	24865	86445	232243	918883	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	11519 5776879	57758	202678	548955	2230070	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	6611 4164983	36889	142819	390139	1572793	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	QuaF	2813 1146735	10020	40964	102595	403515	2.00 1000	10.0	40.0	100	400
Ethanol	TBA	QuaF	827 243732	2254	11436	23503	101493	50.0 25000	250	1000	2500	10000
Ethyl ether	FB	QuaF	6126 2077933	22535	82990	205211	831528	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	17678 7494259	62139	267736	683561	2790719	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorotrifluoroethane	FB	Ave	5227 2172235	19091	76505	201725	815469	1.00 500	5.00	20.0	50.0	200
2-Chloropropane	FB	QuaF	2849 1221895	9498	46209	106897	449026	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211772

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:37 Calibration End Date: 03/11/2014 13:55 Calibration ID: 36174

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acrolein	TBA	Ave	2414 194307	10341	20484	48929	92048	4.00 400	20.0	40.0	100	200
Freon TF	FB	Ave	3294 2629685	17119	92864	237430	990375	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	5566 2538316	20131	91316	228549	948591	1.00 500	5.00	20.0	50.0	200
Acetone	FB	QuaF	11068 4312202	60711	160630	393334	1722504	5.00 2500	25.0	100	250	1000
Iodomethane	TBA	Ave	7704 4184510	38809	151964	380147	1576613	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	17046 9956908	86226	354397	886064	3775060	1.00 500	5.00	20.0	50.0	200
Isopropanol	TBA	QuaF	2754 872476	8159	28658	71881	332139	10.0 5000	50.0	200	500	2000
Allyl chloride	FB	Ave	3315 1603343	16250	63613	158593	641013	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	15598 8058200	66881	277977	736297	3044986	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	21593 9239668	86850	320573	837097	3540918	5.00 2500	25.0	100	250	1000
Acetonitrile	TBA	Ave	11231 5626438	45933	160082	504476	2161998	10.0 5000	50.0	200	500	2000
1-Chloropropane	FB	QuaF	1305 437570	4338	17397	39266	167083	2.00 1000	10.0	40.0	100	400
Methylene Chloride	FB	Ave	6172 2850235	28662	106354	268323	1086905	1.00 500	5.00	20.0	50.0	200
TBA	TBA	QuaF	6387 1823834	24731	65900	174036	701888	10.0 5000	50.0	200	500	2000
MTBE	FB	Ave	16628 8029226	75458	281625	713043	2994982	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	5554 2673157	25568	100827	248034	1017307	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	20227 9540835	93292	324291	836138	3516418	10.0 5000	50.0	200	500	2000
Hexane	FB	QuaF	2390 2514214	14024	90772	237468	961798	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	17211 9513977	81929	317350	845172	3530756	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	9602 4967336	47551	182569	458742	1908487	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	27262 13273913	119254	443153	1148119	4855977	2.00 1000	10.0	40.0	100	400

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211772

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:37 Calibration End Date: 03/11/2014 13:55 Calibration ID: 36174

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Allyl alcohol	TBA	QuaF	2417 466089	4834	20215	50577	198141	25.0 12500	125	500	1250	5000
2-Chloro-1,3-butadiene	FB	Ave	4883 2452980	20457	84035	220708	918848	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	16453 8969976	72583	287710	768897	3289404	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	7639 4048352	36008	147737	364711	1536892	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	5809 2966397	27826	108883	272447	1131548	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	QuaF	915 440736	3353	12204	32134	157151	2.00 1000	10.0	40.0	100	400
2-Butanone	TBA	Ave	3255 1396035	13244	43304	111775	496815	5.00 2500	25.0	100	250	1000
Methyl acrylate	FB	Ave	3939 2173185	15096	60374	152714	742667	1.00 500	5.00	20.0	50.0	200
Propionitrile	FB	QuaF	7250 2997558	24958	92439	251630	1100034	10.0 5000	50.0	200	500	2000
Bromochloromethane	FB	Ave	2609 1326899	13462	47956	120817	502084	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	TBA	QuaF	4831 1840488	17794	57408	150533	654864	2.00 1000	10.0	40.0	100	400
Methacrylonitrile	FB	Ave	18993 10482086	73649	297915	806606	3719212	10.0 5000	50.0	200	500	2000
Chloroform	FB	Ave	8073 4506388	44094	161439	413050	1738482	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	QuaF	4688 5649261	32466	180998	478284	2052412	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	6799 3988185	33446	136580	350469	1481937	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	4369 3295714	24585	111725	282545	1230732	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	5409 3567913	27376	118801	300715	1319841	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBA	Ave	7030 3708546	27872	117132	309225	1319201	25.0 12500	125	500	1250	5000
Benzene	CBZ	Ave	19463 11230018	98954	385544	988691	4290313	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	14232 7633578	57119	233269	629965	2750187	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	14905 8383977	65292	264536	698501	3003409	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211772

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:37 Calibration End Date: 03/11/2014 13:55 Calibration ID: 36174

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichloroethane	FB	Ave	5799 3343574	29616	108480	277470	1198777	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	QuaF	1241 2172620	12471	73842	203375	845730	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	QuaF	18332 17205780	107466	514626	1441828	6501694	2.00 1000	10.0	40.0	100	400
n-Butanol	TBA	QuaF	2524 937158	7819	27418	82067	377976	25.0 12500	125	500	1250	5000
Trichloroethene	FB	Ave	4057 2770375	23007	87044	224820	1020907	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	QuaF	6770 7385791	42811	214806	585372	2597770	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	QuaF	3208 5230971	29041	166217	456905	1938575	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	5884 2851485	26977	92411	239690	1045585	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	2260 1273731	8383	35512	96553	445324	2.00 1000	10.0	40.0	100	400
Propyl acetate	FB	Ave	5838 3342510	21271	89545	231323	1121058	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	DXE	QuaF	562 237210	4343	9936	28336	110648	50.0 10000	100	400	1000	4000
Dibromomethane	FB	Ave	2744 1468141	13506	46595	119454	531553	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	6055 3645432	31986	107067	284699	1299022	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	2558 1339888	9446	37534	94526	446907	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	QuaF	2783 1114853	7278	31009	82322	383122	2.00 1000	10.0	40.0	100	400
Epichlorohydrin	CBZ	Ave	7432 3685444	33482	109305	283040	1301970	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	7098 4524699	35870	123992	324824	1534701	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	23318 11877846	116315	375501	996136	4483407	5.00 2500	25.0	100	250	1000
Toluene	CBZ	Ave	17046 11287161	97116	363770	939921	4268468	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	6165 3525699	29761	100310	255549	1177328	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	5866 3441803	32007	107450	272615	1201559	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211772

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:37 Calibration End Date: 03/11/2014 13:55 Calibration ID: 36174

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,2-Trichloroethane	CBZ	Ave	3677 1827194	16289	55115	144086	639265	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	3083 2754239	20338	81251	214725	983526	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	6152 3778765	33227	109521	279243	1289907	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	14788 7505466	73213	230392	572521	2640641	5.00 2500	25.0	100	250	1000
Butyl acetate	CBZ	QuaF	1338 531725	4769	16121	44212	186718	1.00 500	5.00	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	3783 2403805	19584	68282	181769	834196	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	3559 1973859	17426	60166	153189	688566	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	11330 7049466	63527	216339	550277	2514105	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	5723 4192734	36749	132002	338815	1502159	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	4585 2727714	25116	86706	229166	1018450	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	6717 5091805	44971	164377	419142	1861321	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	CBZ	Ave	3492 1938856	16505	64501	165793	695252	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	7015 5170502	47918	170259	440223	1936107	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	13071 8101544	79684	276693	702828	3084075	1.00 500	5.00	20.0	50.0	200
Amly acetate	DCB	Ave	8635 4801251	39579	153328	396873	1728262	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	2783 1507535	14906	47683	125606	553958	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	QuaF	13508 11176257	113234	450202	1198336	5294466	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	Ave	1740 1114630	8042	34141	95741	410231	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	5964 2741854	28261	93665	239445	1029669	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	5140 3001249	30974	100938	255334	1093099	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	QuaF	16115 12185564	145603	554260	1459073	6187764	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211772

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:37 Calibration End Date: 03/11/2014 13:55 Calibration ID: 36174

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
trans-1,4-Dichloro-2-butene	DCB	Ave	1719 804875	8352	27050	69865	300760	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1705 731488	8195	27008	67555	284005	1.00 500	5.00	20.0	50.0	200
p-Ethyltoluene	DCB	Ave	21138 11153425	115172	449171	1196231	5157483	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	14952 10251514	106936	383225	992444	4415076	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	QuaF	11555 10034789	102555	388115	1062653	4573132	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	6659 4311832	36148	145199	384691	1653308	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	12745 8646971	93399	324147	826866	3526885	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	QuaF	7366 9056064	70149	290579	807439	3790533	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	QuaF	13139 10073664	109200	408502	1086457	4639540	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	QuaF	9573 11665114	115290	481710	1345386	5892435	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	QuaF	10165 10636214	105986	423812	1155992	5025298	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	8928 5777873	59756	216205	552929	2279992	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	9315 5814727	62230	218503	558582	2313243	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	11368 5602200	50403	198847	520976	2194222	1.00 500	5.00	20.0	50.0	200
Indan	FB	Ave	21048 11012188	110856	432704	1174839	4903760	1.00 500	5.00	20.0	50.0	200
1,4-Diethylbenzene	DCB	Ave	11503 7680434	68176	274830	749432	3141547	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	QuaF	5091 6689915	59965	241644	656781	2773415	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	9697 5468830	59050	205564	538836	2222689	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCB	Ave	17580 10117179	92886	370422	995575	4311585	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	QuaF	1296 385486	4321	13507	34429	147801	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCB	Ave	7455 4416602	37337	153361	408474	1745324	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211772

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:37 Calibration End Date: 03/11/2014 13:55 Calibration ID: 36174

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Camphor	DCB	QuaF	3029 1018404	8521	27553	75067	330441	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	6167 3341504	31637	113719	303249	1295382	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	QuaF	1544 2037735	16096	67390	188823	807776	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	QuaF	15103 5572422	51713	181019	488370	2065574	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	QuaF	6220 2127513	20378	72056	192494	813916	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	179108 211001	178827	195807	195504	205470	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	200710 285191	192719	209693	210479	239753	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	670862 877521	670066	742621	735921	825629	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	211837 253754	218680	234466	227312	239008	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:
Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 212216

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 14:39 Calibration End Date: 03/12/2014 20:41 Calibration ID: 36462

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-212216/13	D367278.D
Level 2	STD5 460-212216/4	D367269.D
Level 3	STD20 460-212216/2	D367267.D
Level 4	STD50 460-212216/6	D367271.D
Level 5	STD200 460-212216/7	D367272.D
Level 6	STD500 460-212216/8	D367273.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	1.2007 0.7074	0.9537	0.8205	0.8800	0.7943	QuaF		0.8575	0						1.0000		0.9900
Chloromethane	1.6782 1.0243	1.3290	0.9122	1.2765	1.2048	QuaF		1.3133	-0.001		0.1000				1.0000		0.9900
Butadiene	1.0906 0.6644	0.9354	0.7485	0.8212	0.7507	QuaF		0.8110	0						1.0000		0.9900
Vinyl chloride	1.2604 0.7765	1.0079	0.8298	0.9341	0.8922	QuaF		0.9642	0						1.0000		0.9900
Bromomethane	0.6639 0.4263	0.5478	0.4376	0.4929	0.4760	QuaF		0.5066	0						1.0000		0.9900
Chloroethane	0.5726 0.3656	0.4757	0.3700	0.4223	0.4092	QuaF		0.4357	0		0.1000				1.0000		0.9900
n-Pentane	0.1549 0.0949	0.1176	0.0886	0.0954	0.0986	QuaF		0.1000	0						1.0000		0.9900
Trichlorofluoromethane	1.0005 0.6670	0.8112	0.6690	0.7530	0.7328	QuaF		0.7726	0						1.0000		0.9900
Dichlorofluoromethane	1.0652 0.9091	1.0367	0.8243	0.9660	0.9759	Ave		0.9629				9.1		15.0			
Isopropene	0.9860 0.7329	0.8016	0.6473	0.7133	0.7357	Ave		0.7695				15.0		15.0			
Ethyl ether	0.3227 0.2101	0.2138	0.1946	0.2076	0.2141	QuaF		0.2150	0						1.0000		0.9900
1,1-Dichloroethene	0.4868 0.4220	0.4306	0.4124	0.4308	0.4550	Ave		0.4396				6.2		15.0			
Carbon disulfide	1.5714 1.6389	1.6535	1.5462	1.6244	1.7740	Ave		1.6347				4.9		15.0			
Freon TF	0.4737 0.5021	0.4853	0.4672	0.5064	0.5560	Ave		0.4985				6.4		15.0			
Iodomethane	0.6793 0.6646	0.6544	0.6083	0.6539	0.7009	Ave		0.6602				4.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 212216

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 14:39 Calibration End Date: 03/12/2014 20:41 Calibration ID: 36462

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Cyclopentene	1.6531 1.3693	1.3768	1.1871	1.3247	1.3713	Ave		1.3804				11.0		15.0			
Acrolein	0.0192 0.0162	0.0159	0.0153	0.0162	0.0184	Ave		0.0169				9.3		15.0			
Allyl chloride	0.3171 0.2734	0.2827	0.2489	0.2691	0.2822	Ave		0.2789				8.0		15.0			
Isopropanol	1.4943 0.9086	0.8281	0.9471	0.9885	0.9347	QuaF		0.9574	0						1.0000		0.9900
Methylene Chloride	0.6077 0.3880	0.4415	0.3801	0.3962	0.4078	QuaF		0.4171	0						1.0000		0.9900
Acetone	10.155 4.6189	6.7081	4.2093	4.5330	4.8699	QuaF		4.9582	0						1.0000		0.9900
trans-1,2-Dichloroethene	0.4973 0.4422	0.4454	0.4030	0.4381	0.4553	Ave		0.4469				6.8		15.0			
Methyl acetate	0.2187 0.2683	0.2559	0.2406	0.2515	0.2691	Ave		0.2507				7.6		15.0			
Hexane	0.9102 0.9875	0.8854	0.8652	0.9535	1.0294	Ave		0.9385				6.7		15.0			
MTBE	0.8046 0.7529	0.7308	0.6646	0.7286	0.7912	Ave		0.7454				6.8		15.0			
TBA	2.2032 1.4165	1.5056	1.3394	1.4710	1.4888	QuaF		1.5252	0						1.0000		0.9900
Acetonitrile	1.2265 1.9259	1.7345	1.3496	1.5558	1.6149	QuaF		1.4194	0.0001						1.0000		0.9900
DIPE	1.4533 1.1949	1.0970	0.9988	1.1599	1.2319	Ave		1.1893				13.0		15.0			
2-Chloro-1,3-butadiene	0.4150 0.4278	0.3880	0.3450	0.4038	0.4187	Ave		0.3997				7.5		15.0			
1,1-Dichloroethane	0.8158 0.7646	0.7426	0.6612	0.7474	0.7903	Ave		0.7536			0.1000	7.0		15.0			
Acrylonitrile	3.1364 5.3064	4.3516	4.3571	5.3201	5.3293	QuaF		5.3172	0						1.0000		0.9900
Tert-butyl ethyl ether	1.1666 0.9689	0.8406	0.7552	0.8971	0.9783	Ave		0.9344				15.0		15.0			
Vinyl acetate	0.2360 0.4097	0.3262	0.3368	0.3806	0.4270	QuaF		0.4285	0						1.0000		0.9900
cis-1,2-Dichloroethene	0.4163 0.3941	0.4020	0.3460	0.3770	0.4001	Ave		0.3892				6.3		15.0			
2,2-Dichloropropane	0.6788 0.6486	0.6809	0.5905	0.6494	0.7118	Ave		0.6600				6.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 212216

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 14:39 Calibration End Date: 03/12/2014 20:41 Calibration ID: 36462

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Bromochloromethane	0.1351 0.1427	0.1419	0.1190	0.1335	0.1426	Ave		0.1358				6.7		15.0			
Cyclohexane	0.9298 0.9320	0.8872	0.8245	0.9247	1.0168	Ave		0.9192				6.9		15.0			
Chloroform	0.6955 0.5846	0.5363	0.4978	0.5560	0.5928	Ave		0.5772				12.0		15.0			
Carbon tetrachloride	0.5130 0.5940	0.5005	0.5025	0.5658	0.6384	Ave		0.5524				10.0		15.0			
Ethyl acetate	1.5116 1.4803	0.7991	1.0053	1.1511	1.3923	QuaF		1.2982	0.0002						1.0000		0.9900
Methyl acrylate	0.0706 0.1441	0.0696	0.0952	0.1174	0.1376	QuaF		0.1299	0						1.0000		0.9900
Tetrahydrofuran	0.0368 0.0700	0.0414	0.0515	0.0590	0.0682	QuaF		0.0654	0						1.0000		0.9900
1,1,1-Trichloroethane	0.6088 0.5964	0.4329	0.5079	0.5754	0.6371	Ave		0.5598				14.0		15.0			
1,1-Dichloropropene	0.6326 0.5410	0.5540	0.4704	0.5162	0.5539	Ave		0.5447				9.8		15.0			
2-Butanone	1.8581 1.8095	1.7789	1.4357	1.5813	1.7812	Ave		1.7075				9.6		15.0			
n-Heptane	0.3641 0.4124	0.3987	0.3702	0.4170	0.4475	Ave		0.4017				7.8		15.0			
Benzene	2.5914 2.4687	2.5818	2.5344	2.5454	2.6421	Ave		2.5606				2.3		15.0			
Propionitrile	0.0146 0.0207	0.0146	0.0158	0.0184	0.0197	Ave		0.0173				15.0		15.0			
Methacrylonitrile	0.0582 0.0656	0.0502	0.0504	0.0599	0.0642	Ave		0.0581				11.0		15.0			
Tert-amyl methyl ether	0.8367 0.7642	0.6193	0.5640	0.6916	0.7593	Ave		0.7059				14.0		15.0			
1,2-Dichloroethane	0.2715 0.2936	0.2736	0.2325	0.2748	0.2943	Ave		0.2734				8.2		15.0			
2,4,4-Trimethyl-1-pentene	1.4810 1.5085	1.4091	1.1361	1.3765	1.4888	Ave		1.4000				9.9		15.0			
Isopropyl acetate	0.2881 0.4281	0.2376	0.3201	0.3528	0.4228	QuaF		0.4075	0						1.0000		0.9900
Methylcyclohexane	0.9103 0.8721	0.8141	0.7251	0.8598	0.9354	Ave		0.8528				8.8		15.0			
Trichloroethene	0.3744 0.3614	0.3380	0.2962	0.3427	0.3700	Ave		0.3471				8.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 212216

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 14:39 Calibration End Date: 03/12/2014 20:41 Calibration ID: 36462

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dibromomethane	0.1209 0.1265	0.1167	0.1009	0.1204	0.1278	Ave		0.1189				8.2		15.0			
1,2-Dichloropropane	0.3733 0.3485	0.3302	0.2861	0.3345	0.3621	Ave		0.3391				9.0		15.0			
Bromodichloromethane	0.3441 0.3677	0.3156	0.2756	0.3251	0.3627	Ave		0.3318				10.0		15.0			
Ethyl acrylate	+++++ 0.2018	0.1126	0.1416	0.1622	0.1913	QuaF		0.1799	0						1.0000		0.9900
Methyl methacrylate	0.0395 0.0459	0.0341	0.0329	0.0402	0.0445	Ave		0.0395				13.0		15.0			
1,4-Dioxane	1.4963 1.7375	1.7041	1.4203	1.6479	1.9754	Ave		1.6636				12.0		15.0			
Propyl acetate	0.1475 0.2171	0.1131	0.1485	0.1752	0.2043	QuaF		0.1914	0.0001						1.0000		0.9900
2-Chloroethyl vinyl ether	0.1040 0.0995	0.0685	0.0645	0.0825	0.0945	QuaF		0.0893	0						1.0000		0.9900
cis-1,3-Dichloropropene	0.7424 0.7485	0.6589	0.6573	0.7174	0.7631	Ave		0.7146				6.5		15.0			
Toluene	2.6980 2.5012	2.5308	2.3490	2.5475	2.6624	Ave		2.5482				4.9		15.0			
Epichlorohydrin	0.0118 0.0216	0.0172	0.0188	0.0205	0.0217	QuaF		0.0215	0						1.0000		0.9900
2-Nitropropane	0.1044 0.0340	0.0454	0.0276	0.0290	0.0316	Qua	0.0485	0.0295	0						1.0000		0.9900
Tetrachloroethene	0.5518 0.5773	0.5573	0.5481	0.5732	0.6088	Ave		0.5694				4.0		15.0			
4-Methyl-2-pentanone	0.3002 0.2530	0.2332	0.2412	0.2440	0.2660	Ave		0.2563				9.5		15.0			
trans-1,3-Dichloropropene	0.4039 0.5230	0.4604	0.4380	0.4835	0.5249	Ave		0.4723				10.0		15.0			
1,1,2-Trichloroethane	0.3572 0.2475	0.2708	0.2326	0.2473	0.2582	QuaF		0.2624	0						1.0000		0.9900
Ethyl methacrylate	0.1591 0.2400	0.2048	0.1817	0.2177	0.2387	QuaF		0.2337	0						1.0000		0.9900
Dibromochloromethane	0.2778 0.3438	0.2902	0.2893	0.3065	0.3495	Ave		0.3095				9.8		15.0			
1,3-Dichloropropane	0.5280 0.5230	0.4881	0.4675	0.5007	0.5410	Ave		0.5081				5.4		15.0			
1,2-Dibromoethane	0.2513 0.2595	0.2386	0.2208	0.2342	0.2632	Ave		0.2446				6.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 212216

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 14:39 Calibration End Date: 03/12/2014 20:41 Calibration ID: 36462

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Butyl acetate	0.0754 0.0559	0.0565	0.0516	0.0512	0.0548	QuaF		0.0536	0						1.0000		0.9900
2-Hexanone	0.1207 0.1591	0.1475	0.1570	0.1501	0.1669	Ave		0.1502				11.0		15.0			
Chlorobenzene	1.4796 1.3712	1.3602	1.2377	1.3532	1.4368	Ave		1.3731			0.3000	6.0		15.0			
Ethylbenzene	0.9018 0.8546	0.8784	0.7963	0.8754	0.9249	Ave		0.8719				5.1		15.0			
1,1,1,2-Tetrachloroethane	0.4214 0.4503	0.4333	0.3856	0.4438	0.4843	Ave		0.4365				7.5		15.0			
m&p-Xylene	1.0649 1.0632	1.0679	0.9887	1.0747	1.1470	Ave		1.0677				4.7		15.0			
o-Xylene	0.9788 0.9983	0.9685	0.9164	1.0177	1.0824	Ave		0.9937				5.6		15.0			
Bromoform	0.1184 0.1696	0.1426	0.1352	0.1432	0.1684	Ave		0.1462			0.1000	14.0		15.0			
Styrene	1.5019 1.5032	1.4276	1.3390	1.4891	1.5624	Ave		1.4705				5.3		15.0			
Butyl acrylate	0.2155 0.2258	0.1869	0.1909	0.2135	0.2221	Ave		0.2091				7.8		15.0			
Isopropylbenzene	2.6567 2.8992	2.8150	2.6166	2.9598	3.1673	Ave		2.8524				7.2		15.0			
Camphene, Total	0.3166 0.2866	0.2497	0.2348	0.2773	0.2849	Ave		0.2750				11.0		15.0			
Amly acetate	1.3744 1.0997	1.0038	0.9897	0.9954	1.1069	Ave		1.0950				13.0		15.0			
Monobromobenzene	1.0297 1.0088	0.9477	0.9319	0.9705	1.0477	Ave		0.9894				4.7		15.0			
N-Propylbenzene	6.9194 7.3957	7.1117	7.0713	7.4938	8.0656	Ave		7.3429				5.6		15.0			
1,1,2,2-Tetrachloroethane	0.6774 0.7137	0.7264	0.7034	0.7063	0.7613	Ave		0.7147			0.3000	3.9		15.0			
p-Ethyltoluene	6.7098 6.1085	5.7391	5.5295	6.0984	6.4547	Ave		6.1067				7.1		15.0			
2-Chlorotoluene	4.4791 4.4504	4.1765	4.1945	4.4840	4.7645	Ave		4.4248				4.9		15.0			
1,2,3-Trichloropropane	0.1779 0.1773	0.1704	0.1672	0.1788	0.1874	Ave		0.1765				4.0		15.0			
1,3,5-Trimethylbenzene	4.3645 5.0132	4.6342	4.5432	4.9559	5.3978	Ave		4.8181				7.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 212216

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 14:39 Calibration End Date: 03/12/2014 20:41 Calibration ID: 36462

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
trans-1,4-Dichloro-2-butene	0.1205 0.1837	0.1894	0.1649	0.1827	0.1881	Ave		0.1715				15.0		15.0			
4-Chlorotoluene	3.7638 3.7592	3.6702	3.4977	3.6768	3.8869	Ave		3.7091				3.5		15.0			
tert-Butylbenzene	3.3717 4.3219	3.7771	3.7781	4.1458	4.5288	Ave		3.9872				11.0		15.0			
Butyl Methacrylate	1.1015 1.1656	0.9439	1.0226	1.0595	1.1931	Ave		1.0810				8.6		15.0			
1,2,4-Trimethylbenzene	4.5715 4.8652	4.6407	4.5175	4.8979	5.2995	Ave		4.7987				6.0		15.0			
sec-Butylbenzene	5.7954 7.1707	6.4718	6.4572	7.1119	7.7489	Ave		6.7926				10.0		15.0			
p-Isopropyltoluene	5.0935 5.8706	5.4403	5.3472	5.7671	6.3526	Ave		5.6452				7.9		15.0			
1,3-Dichlorobenzene	2.5281 2.2043	2.2510	2.0474	2.1821	2.2983	Ave		2.2519				7.1		15.0			
1,4-Dichlorobenzene	2.7544 2.0975	2.1811	2.0247	2.0722	2.1784	Ave		2.2181				12.0		15.0			
Indan	1.3048 1.1789	0.9977	0.8127	1.1036	1.2129	QuaF		1.2082	0						1.0000		0.9900
1,4-Diethylbenzene	3.7684 3.4130	3.1395	3.0378	3.4022	3.6068	Ave		3.3946				8.1		15.0			
Benzyl chloride	0.2605 0.2880	0.2412	0.2653	0.2704	0.2934	Ave		0.2698				7.1		15.0			
n-Butylbenzene	3.1122 3.1037	3.1789	3.0481	3.2153	3.4239	Ave		3.1803				4.2		15.0			
1,2-Dichlorobenzene	2.0045 1.9088	1.8300	1.8241	1.9105	2.0221	Ave		1.9167				4.4		15.0			
1,2,4,5-Tetramethylbenzene	5.3187 4.7260	4.1639	3.9805	4.5546	4.9194	Ave		4.6105				11.0		15.0			
1,2-Dibromo-3-Chloropropane	0.1169 0.1159	0.0981	0.1042	0.1027	0.1205	Ave		0.1097				8.4		15.0			
1,3,5-Trichlorobenzene	2.1615 1.6926	1.6151	1.5548	1.6597	1.7813	Ave		1.7442				13.0		15.0			
Hexachlorobutadiene	0.8472 0.8726	0.8084	0.7770	0.8138	0.9207	Ave		0.8400				6.1		15.0			
1,2,4-Trichlorobenzene	1.7495 1.3946	1.3446	1.3036	1.3405	1.4837	Ave		1.4361				12.0		15.0			
Camphor	0.1071 0.0550	0.0545	0.0531	0.0497	0.0564	QuaF		0.0562	0						1.0000		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 212216

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 14:39 Calibration End Date: 03/12/2014 20:41 Calibration ID: 36462

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Naphthalene	4.4281 2.3333	2.4372	2.3874	2.3001	2.5401	QuaF		2.6245	-0.001						1.0000		0.9900
1,2,3-Trichlorobenzene	1.4870 1.1265	1.1422	1.1145	1.1379	1.2317	Ave		1.2066				12.0		15.0			
Dibromofluoromethane (Surr)	0.2102 0.2162	0.2137	0.2584	0.2061	0.2142	Ave		0.2198				8.8		15.0			
1,2-Dichloroethane-d4 (Surr)	0.1813 0.1933	0.1881	0.2332	0.1737	0.1795	Ave		0.1915				11.0		15.0			
Toluene-d8 (Surr)	1.6622 1.6110	1.7481	1.9775	1.6914	1.6743	Ave		1.7274				7.5		15.0			
Bromofluorobenzene	0.6987 0.7215	0.7476	0.7852	0.7268	0.7293	Ave		0.7349				4.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 212216

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 14:39 Calibration End Date: 03/12/2014 20:41 Calibration ID: 36462

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-212216/13	D367278.D
Level 2	STD5 460-212216/4	D367269.D
Level 3	STD20 460-212216/2	D367267.D
Level 4	STD50 460-212216/6	D367271.D
Level 5	STD200 460-212216/7	D367272.D
Level 6	STD500 460-212216/8	D367273.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	QuaF	13252 2959631	41308	191975	349641	1187990	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	QuaF	18521 4285429	57563	213412	507182	1802075	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	QuaF	12036 2779461	40516	175125	326269	1122878	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	QuaF	13910 3248804	43655	194146	371146	1334510	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	QuaF	7327 1783397	23727	102377	195831	711998	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	QuaF	6320 1529726	20604	86571	167790	612092	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	QuaF	3420 794337	10186	41460	75800	294841	2.00 1000	10.0	40.0	100	400
Trichlorofluoromethane	FB	QuaF	11042 2790540	35138	156509	299182	1096093	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	11756 3803343	44903	192854	383815	1459681	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	10882 3066032	34720	151455	283422	1100377	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	QuaF	3561 879132	9261	45520	82484	320176	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	5373 1765668	18653	96481	171179	680468	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	17343 6856699	71621	361751	645428	2653311	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	5228 2100705	21021	109310	201188	831643	1.00 500	5.00	20.0	50.0	200
Iodomethane	FB	Ave	7497 2780569	28343	142309	259830	1048404	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	18244 5728858	59636	277742	526330	2051020	1.00 500	5.00	20.0	50.0	200

FORM VI

GC/MS VOA INITIAL CALIBRATION DATA

INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 212216

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 14:39 Calibration End Date: 03/12/2014 20:41 Calibration ID: 36462

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acrolein	FB	Ave	21164 81212	27508	53687	51360	68980	100 600	200	300	400	500
Allyl chloride	FB	Ave	3500 1143754	12245	58230	106906	422024	1.00 500	5.00	20.0	50.0	200
Isopropanol	TBA	QuaF	2165 457496	4088	25795	44876	164250	10.0 5000	50.0	200	500	2000
Methylene Chloride	FB	QuaF	6707 1623166	19122	88927	157400	609880	1.00 500	5.00	20.0	50.0	200
Acetone	TBA	QuaF	7356 1162813	16558	57324	102891	427903	5.00 2500	25.0	100	250	1000
trans-1,2-Dichloroethene	FB	Ave	5488 1850158	19294	94295	174075	680954	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	12066 5611866	55414	281432	499609	2012552	5.00 2500	25.0	100	250	1000
Hexane	FB	Ave	10045 4131295	38352	202423	378848	1539638	1.00 500	5.00	20.0	50.0	200
MTBE	FB	Ave	8880 3149748	31653	155480	289480	1183447	1.00 500	5.00	20.0	50.0	200
TBA	TBA	QuaF	3192 713210	7433	36480	66779	261636	10.0 5000	50.0	200	500	2000
Acetonitrile	TBA	QuaF	1777 969690	8563	36758	70629	283797	10.0 5000	50.0	200	500	2000
DIPE	FB	Ave	16039 4998865	47514	233691	460860	1842509	1.00 500	5.00	20.0	50.0	200
2-Chloro-1,3-butadiene	FB	Ave	4580 1789930	16805	80716	160439	626292	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	9004 3199006	32163	154687	296956	1181985	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	TBA	QuaF	4544 2671757	21483	118672	241516	936536	10.0 5000	50.0	200	500	2000
Tert-butyl ethyl ether	FB	Ave	12875 4053748	36409	176679	356427	1463240	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	QuaF	5210 3427890	28254	157576	302429	1277326	2.00 1000	10.0	40.0	100	400
cis-1,2-Dichloroethene	FB	Ave	4594 1648727	17410	80951	149792	598393	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	7491 2713521	29491	138162	258036	1064652	1.00 500	5.00	20.0	50.0	200
Bromochloromethane	FB	Ave	1491 596994	6148	27846	53048	213329	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	10262 3899144	38427	192907	367395	1520858	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 212216

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 14:39 Calibration End Date: 03/12/2014 20:41 Calibration ID: 36462

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chloroform	FB	Ave	7676 2445783	23231	116460	220917	886576	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	5662 2485130	21677	117563	224810	954818	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	TBA	QuaF	438 149069	789	5476	10451	48935	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	QuaF	779 602688	3015	22277	46638	205743	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	QuaF	813 585494	3587	24099	46890	203881	2.00 1000	10.0	40.0	100	400
1,1,1-Trichloroethane	FB	Ave	6719 2495042	18752	118824	228620	952980	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	6982 2263231	23994	110054	205091	828407	1.00 500	5.00	20.0	50.0	200
2-Butanone	TBA	Ave	1346 455540	4391	19552	35893	156510	5.00 2500	25.0	100	250	1000
n-Heptane	FB	Ave	4018 1725307	17271	86613	165671	669370	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	16353 6273932	62263	297691	576558	2326904	1.00 500	5.00	20.0	50.0	200
Propionitrile	FB	Ave	1610 867275	6309	37066	73003	295161	10.0 5000	50.0	200	500	2000
Methacrylonitrile	FB	Ave	6420 2743936	21722	117820	238001	960847	10.0 5000	50.0	200	500	2000
Tert-amyl methyl ether	FB	Ave	9234 3197348	26824	131966	274773	1135729	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	2996 1228213	11850	54402	109184	440125	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	Ave	32691 12622210	122065	531615	1093840	4453564	2.00 1000	10.0	40.0	100	400
Isopropyl acetate	FB	QuaF	3180 1791146	10293	74901	140188	632423	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	10046 3648493	35262	169653	341616	1399026	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	4132 1511816	14641	69300	136169	553456	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	1334 529203	5054	23598	47856	191217	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	4120 1457911	14303	66944	132920	541633	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	3798 1538272	13668	64475	129167	542431	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 212216

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 14:39 Calibration End Date: 03/12/2014 20:41 Calibration ID: 36462

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Ethyl acrylate	FB	QuaF	+++++ 844384	4879	33128	64455	286150	+++++ 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	871 384014	2953	15415	31915	133199	2.00 1000	10.0	40.0	100	400
1,4-Dioxane	DXE	Ave	301 140476	1153	6533	12623	52015	20.0 10000	100	400	1000	4000
Propyl acetate	FB	QuaF	1628 908357	4897	34732	69605	305511	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	QuaF	1148 416076	2969	15081	32786	141366	1.00 500	5.00	20.0	50.0	200
cis-1,3-Dichloropropene	CBZ	Ave	4685 1902292	15889	77207	162507	672066	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	Ave	17026 6356473	61033	275914	577039	2344815	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	QuaF	1492 1097141	8309	44064	92877	381502	20.0 10000	100	400	1000	4000
2-Nitropropane	FB	Qua	2304 284489	3932	12929	23064	94436	2.00 1000	10.0	40.0	100	400
Tetrachloroethene	CBZ	Ave	3482 1467175	13439	64381	129846	536157	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	9473 3214272	28114	141641	276378	1171334	5.00 2500	25.0	100	250	1000
trans-1,3-Dichloropropene	CBZ	Ave	2549 1329106	11102	51453	109516	462260	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	QuaF	2254 628992	6531	27318	56028	227389	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	QuaF	1756 1004105	8870	42506	86507	357027	1.00 500	5.00	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	1753 873598	6998	33978	69420	307802	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	3332 1329034	11771	54914	113412	476501	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	1586 659593	5754	25940	53047	231843	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	QuaF	476 142041	1362	6061	11587	48247	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	3809 2021669	17789	92228	169985	734767	5.00 2500	25.0	100	250	1000
Chlorobenzene	CBZ	Ave	9337 3484653	32802	145377	306515	1265387	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	5691 2171932	21183	93533	198288	814572	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 212216

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 14:39 Calibration End Date: 03/12/2014 20:41 Calibration ID: 36462

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,1,2-Tetrachloroethane	CBZ	Ave	2659 1144483	10450	45293	100531	426492	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	6720 2701856	25753	116131	243442	1010206	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	6177 2537000	23355	107642	230528	953240	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	747 430992	3440	15877	32435	148319	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	9478 3820195	34427	157280	337296	1375984	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	CBZ	Ave	1360 573794	4508	22426	48358	195622	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	16765 7367823	67887	307353	670437	2789481	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	Ave	1998 728460	6021	27582	62815	250870	1.00 500	5.00	20.0	50.0	200
Amly acetate	DCB	Ave	4210 1276144	11413	51779	105708	446806	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	3154 1170696	10776	48758	103060	422912	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	21195 8582526	80862	369966	795785	3255764	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	2075 828273	8259	36799	74999	307297	1.00 500	5.00	20.0	50.0	200
p-Ethyltoluene	DCB	Ave	20553 7088824	65255	289300	647610	2605518	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	13720 5164594	47488	219454	476173	1923255	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	545 205720	1938	8746	18985	75649	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	13369 5817700	52692	237701	526280	2178894	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	369 213217	2154	8626	19400	75927	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	11529 4362458	41731	182999	390454	1568977	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	10328 5015504	42946	197668	440250	1828102	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	3374 1352648	10732	53504	112513	481595	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	14003 5645995	52766	236356	520125	2139180	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 212216

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 14:39 Calibration End Date: 03/12/2014 20:41 Calibration ID: 36462

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
sec-Butylbenzene	DCB	Ave	17752 8321442	73586	337837	755232	3127915	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	15602 6812689	61857	279761	612426	2564310	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	7744 2558030	25594	107118	231725	927727	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	8437 2434152	24799	105933	220057	879330	1.00 500	5.00	20.0	50.0	200
Indan	FB	QuaF	14400 4932016	43212	190136	438471	1814092	1.00 500	5.00	20.0	50.0	200
1,4-Diethylbenzene	DCB	Ave	11543 3960686	35697	158934	361289	1455901	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	798 334266	2743	13883	28712	118447	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	9533 3601726	36145	159475	341442	1382082	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	6140 2215101	20807	95437	202879	816260	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCB	Ave	16292 5484406	47344	208259	483668	1985751	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	358 134457	1115	5452	10901	48646	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCB	Ave	6621 1964248	18364	81348	176248	719057	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	2595 1012685	9192	40652	86424	371659	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	5359 1618447	15288	68202	142348	598904	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	QuaF	1641 319403	3097	13900	26379	113865	5.00 2500	25.0	100	250	1000
Naphthalene	DCB	QuaF	13564 2707752	27712	124908	244254	1025337	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	4555 1307245	12987	58310	120834	497199	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	115992 90447	92567	151120	81878	80088	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	100021 80855	81459	136397	69021	67130	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	524469 409421	421570	580701	383120	368642	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	107008 83731	85006	102703	77186	73593	50.0 50.0	50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 212216

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 14:39 Calibration End Date: 03/12/2014 20:41 Calibration ID: 36462

Curve Type Legend:

Ave = Average ISTD
Qua = Quadratic ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211477

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2014 11:30 Calibration End Date: 03/09/2014 13:34 Calibration ID: 36078

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-211477/4	J09765.D
Level 2	STD5 460-211477/5	J09766.D
Level 3	STD20 460-211477/6	J09767.D
Level 4	STD50 460-211477/7	J09768.D
Level 5	STD200 460-211477/8	J09769.D
Level 6	STD500 460-211477/9	J09770.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	0.0543 0.0480	0.0424	0.0479	0.0502	0.0527	Ave		0.0493				8.6		15.0			
Propene	0.1843 0.1735	0.1612	0.1693	0.1859	0.1977	Ave		0.1787				7.4		15.0			
Dichlorodifluoromethane	0.3060 0.2968	0.3228	0.3021	0.2906	0.3154	Ave		0.3056				3.9		15.0			
Chloromethane	0.4492 0.3248	0.3760	0.3399	0.3017	0.3334	Ave		0.3542			0.1000	15.0		15.0			
Vinyl chloride	0.3038 0.2400	0.2684	0.2430	0.2348	0.2567	Ave		0.2578				10.0		15.0			
Butadiene	0.2792 0.2192	0.2483	0.2198	0.2030	0.2292	Ave		0.2331				12.0		15.0			
Bromomethane	0.2407 0.0875	0.1778	0.1304	0.1170	0.1245	QuaF		0.1454	0						0.9990		0.9900
Chloroethane	5.5414 3.3954	4.3339	4.0245	3.6851	3.7723	QuaF		3.9871	-0.001		0.1000				1.0000		0.9900
Dichlorofluoromethane	0.4979 0.3508	0.4229	0.3786	0.3523	0.3694	Ave		0.3953				14.0		15.0			
Trichlorofluoromethane	0.3418 0.3145	0.3239	0.3131	0.2870	0.3278	Ave		0.3180				5.8		15.0			
n-Pentane	1.0264 0.7773	0.7377	0.8025	0.8206	0.8633	Ave		0.8380				12.0		15.0			
Ethanol	0.0503 0.0240	0.0311	0.0307	0.0309	0.0262	QuaF		0.0282	0						1.0000		0.9900
Ethyl ether	0.2469 0.1571	0.1647	0.1938	0.1645	0.1620	QuaF		0.1659	0						1.0000		0.9900
Isopropene	0.2059 0.1938	0.1763	0.2407	0.2081	0.2011	Ave		0.2043				10.0		15.0			
1,2-Dichlorotrifluoroethane	0.2324 0.1835	0.1550	0.1891	0.1890	0.1766	QuaF		0.1745	0						1.0000		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211477

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2014 11:30 Calibration End Date: 03/09/2014 13:34 Calibration ID: 36078

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chloropropane	0.1120 0.1146	0.0931	0.1033	0.1132	0.1167	Ave		0.1088				8.3		15.0			
Freon TF	0.0878 0.2358	0.0894	0.1614	0.2020	0.2409	QuaF		0.2364	0						0.9990		0.9900
Acrolein	0.2596 0.3205	0.4255	0.4044	0.4026	0.3682	QuaF		0.4206	0						1.0000		0.9900
1,1-Dichloroethene	0.2457 0.2091	0.1753	0.1815	0.2050	0.2128	Ave		0.2049				12.0		15.0			
Acetone	4.7106 2.4658	2.9812	2.9838	3.1844	2.8028	QuaF		3.0560	0						1.0000		0.9900
Iodomethane	0.3470 0.3552	0.3140	0.3447	0.3668	0.3728	Ave		0.3501				5.9		15.0			
Carbon disulfide	0.7674 0.7022	0.5302	0.6396	0.7162	0.7538	Ave		0.6849				13.0		15.0			
Isopropanol	0.6921 0.4823	0.5054	0.5668	0.5685	0.5237	Ave		0.5565				13.0		15.0			
Allyl chloride	0.1553 0.1379	0.1180	0.1344	0.1397	0.1365	Ave		0.1370				8.7		15.0			
Methyl acetate	0.3102 0.2063	0.2621	0.2775	0.2795	0.2508	Ave		0.2644				13.0		15.0			
Cyclopentene	0.6408 0.6488	0.5987	0.6373	0.6878	0.7008	Ave		0.6524				5.7		15.0			
Acetonitrile	1.9077 1.2153	1.4126	1.4103	1.4196	1.3707	QuaF		1.4690	0						1.0000		0.9900
1-Chloropropane	0.0702 0.0213	0.0332	0.0240	0.0230	0.0219	QuaF		0.0224	0						1.0000		0.9900
Methylene Chloride	0.2904 0.2335	0.2403	0.2369	0.2465	0.2423	Ave		0.2483				8.5		15.0			
TBA	1.3117 0.7179	0.8480	0.8424	0.8631	0.7647	QuaF		0.8073	0						1.0000		0.9900
MTBE	0.7878 0.7320	0.6980	0.7350	0.7523	0.7486	Ave		0.7423				4.0		15.0			
trans-1,2-Dichloroethene	0.2520 0.2307	0.1947	0.2126	0.2367	0.2358	Ave		0.2271				8.9		15.0			
Acrylonitrile	0.1166 0.0941	0.1099	0.1134	0.1172	0.1072	Ave		0.1097				7.8		15.0			
Hexane	0.1262 0.2548	0.0868	0.1905	0.2144	0.2714	QuaF		0.2711	0						0.9990		0.9900
DIPE	1.1508 0.8663	0.9846	1.0179	0.9997	0.9721	Ave		0.9986				9.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211477

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2014 11:30 Calibration End Date: 03/09/2014 13:34 Calibration ID: 36078

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloroethane	0.4892 0.4813	0.4560	0.4654	0.4985	0.5019	Ave		0.4821			0.1000	3.8		15.0			
Vinyl acetate	0.5937 0.4813	0.5141	0.5344	0.5539	0.4958	Ave		0.5289				7.8		15.0			
Allyl alcohol	0.1387 0.1203	0.1296	0.1016	0.1300	0.1234	Ave		0.1239				10.0		15.0			
2-Chloro-1,3-butadiene	0.2513 0.2143	0.1788	0.2048	0.2178	0.2210	Ave		0.2147				11.0		15.0			
Tert-butyl ethyl ether	0.9024 0.7703	0.8254	0.8565	0.8511	0.8279	Ave		0.8390				5.2		15.0			
2,2-Dichloropropane	0.3654 0.3805	0.2922	0.3350	0.3657	0.3881	Ave		0.3545				10.0		15.0			
cis-1,2-Dichloroethene	0.3230 0.2528	0.2358	0.2471	0.2526	0.2560	Ave		0.2612				12.0		15.0			
2-Butanone	1.4244 0.7619	0.8583	0.8935	0.9156	0.8499	QuaF		0.9113	0						1.0000		0.9900
Ethyl acetate	0.6798 0.5423	0.6342	0.6762	0.6874	0.6322	Ave		0.6420				8.5		15.0			
Methyl acrylate	0.3078 0.2766	0.2584	0.2788	0.2881	0.2840	Ave		0.2823				5.7		15.0			
Propionitrile	1.3358 1.0820	1.3029	1.3656	1.3623	1.2437	Ave		1.2821				8.4		15.0			
Tetrahydrofuran	1.2720 0.8796	0.9832	1.0571	1.0713	0.9668	Ave		1.0383				13.0		15.0			
Bromochloromethane	0.1287 0.1271	0.1202	0.1270	0.1280	0.1291	Ave		0.1267				2.6		15.0			
Methacrylonitrile	0.1180 0.0957	0.1178	0.1231	0.1199	0.1135	Ave		0.1147				8.6		15.0			
Chloroform	0.4711 0.4288	0.3827	0.4333	0.4441	0.4496	Ave		0.4349				6.8		15.0			
Cyclohexane	0.2492 0.4125	0.1710	0.2861	0.3537	0.4270	QuaF		0.4218	0						0.9990		0.9900
1,1,1-Trichloroethane	0.2949 0.3864	0.2609	0.3170	0.3510	0.3877	Ave		0.3330				15.0		15.0			
Carbon tetrachloride	0.1962 0.3077	0.1669	0.2078	0.2471	0.2999	QuaF		0.2859	0						1.0000		0.9900
1,1-Dichloropropene	0.3119 0.3162	0.2334	0.2700	0.3047	0.3327	Ave		0.2948				12.0		15.0			
Isobutyl alcohol	0.2992 0.4447	0.3433	0.4716	0.4324	0.4201	QuaF		0.4086	0						1.0000		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211477

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2014 11:30 Calibration End Date: 03/09/2014 13:34 Calibration ID: 36078

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzene	1.2394 1.0457	1.0190	1.1014	1.1316	1.1031	Ave		1.1067				7.0		15.0			
Isopropyl acetate	0.9580 0.7980	0.8879	0.9058	0.9292	0.8876	Ave		0.8944				6.1		15.0			
Tert-amyl methyl ether	0.6800 0.6865	0.7148	0.7508	0.7348	0.7291	Ave		0.7160				3.9		15.0			
1,2-Dichloroethane	0.3240 0.3714	0.3639	0.3766	0.3922	0.3842	Ave		0.3687				6.5		15.0			
n-Heptane	0.0491 0.1044	0.0408	0.0729	0.0862	0.1095	QuaF		0.1083	0						0.9990		0.9900
2,4,4-Trimethyl-1-pentene	0.3237 0.4101	0.3927	0.4364	0.4675	0.4674	Ave		0.4163				13.0		15.0			
n-Butanol	0.1863 0.1959	0.1744	0.1800	0.2145	0.2015	Ave		0.1921				7.7		15.0			
Trichloroethene	0.2788 0.2439	0.1872	0.2272	0.2421	0.2526	Ave		0.2387				13.0		15.0			
Ethyl acrylate	0.5223 0.6001	0.4451	0.5614	0.6157	0.6490	Ave		0.5656				13.0		15.0			
Methylcyclohexane	0.0797 0.2764	0.0933	0.2019	0.2422	0.2977	QuaF		0.3000	0						0.9990		0.9900
1,2-Dichloropropane	0.2771 0.2644	0.2596	0.2614	0.2631	0.2701	Ave		0.2659				2.5		15.0			
Methyl methacrylate	0.0782 0.0742	0.0710	0.0728	0.0762	0.0748	Ave		0.0745				3.4		15.0			
1,4-Dioxane	0.9671 0.9616	0.7472	0.8568	0.8246	0.7278	Ave		0.8475				12.0		15.0			
Propyl acetate	0.6075 0.4758	0.4881	0.5093	0.5210	0.5087	Ave		0.5184				9.0		15.0			
Dibromomethane	0.1549 0.1578	0.1450	0.1606	0.1590	0.1610	Ave		0.1564				3.8		15.0			
Bromodichloromethane	0.2927 0.3451	0.2515	0.2770	0.3097	0.3339	Ave		0.3017				12.0		15.0			
2-Chloroethyl vinyl ether	0.1939 0.1980	0.1964	0.2061	0.2062	0.2031	Ave		0.2006				2.6		15.0			
2-Nitropropane	0.0654 0.0799	0.0274	0.0425	0.0460	0.0663	QuaF		0.0549	0						1.0000		0.9900
Epichlorohydrin	0.0310 0.0291	0.0282	0.0309	0.0319	0.0307	Ave		0.0303				4.6		15.0			
cis-1,3-Dichloropropene	0.4714 0.5004	0.4228	0.4757	0.4868	0.4970	Ave		0.4757				5.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211477

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2014 11:30 Calibration End Date: 03/09/2014 13:34 Calibration ID: 36078

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Methyl-2-pentanone	0.3910 0.3052	0.3593	0.3829	0.3911	0.3514	Ave		0.3635				9.1		15.0			
Toluene	1.2716 1.0623	1.0476	1.0892	1.1304	1.1342	Ave		1.1225				7.2		15.0			
trans-1,3-Dichloropropene	0.4128 0.4521	0.3442	0.4183	0.4354	0.4437	Ave		0.4178				9.3		15.0			
Ethyl methacrylate	0.3551 0.3414	0.3031	0.3300	0.3487	0.3451	Ave		0.3372				5.5		15.0			
1,1,2-Trichloroethane	0.2423 0.2337	0.2125	0.2157	0.2284	0.2294	Ave		0.2270				4.9		15.0			
Tetrachloroethene	0.2509 0.2849	0.2225	0.2499	0.2726	0.2961	Ave		0.2628				10.0		15.0			
1,3-Dichloropropane	0.5351 0.4583	0.4304	0.4539	0.4700	0.4561	Ave		0.4673				7.6		15.0			
2-Hexanone	3.1762 2.6400	2.8680	3.1863	3.2194	3.0426	Ave		3.0221				7.5		15.0			
Butyl acetate	0.5469 0.5119	0.4847	0.5400	0.5383	0.5271	Ave		0.5248				4.4		15.0			
Dibromochloromethane	0.2246 0.3066	0.1801	0.2138	0.2434	0.2789	QuaF		0.2563	0.0001						1.0000		0.9900
1,2-Dibromoethane	0.2988 0.2859	0.2709	0.2810	0.2816	0.2803	Ave		0.2831				3.2		15.0			
Chlorobenzene	0.8658 0.7500	0.6893	0.7323	0.7528	0.7630	Ave		0.7588			0.3000	7.7		15.0			
Ethylbenzene	0.4461 0.3946	0.3536	0.3556	0.3727	0.3945	Ave		0.3862				8.9		15.0			
1,1,1,2-Tetrachloroethane	0.2396 0.2884	0.2102	0.2238	0.2452	0.2722	Ave		0.2466				12.0		15.0			
m&p-Xylene	0.5511 0.5160	0.4236	0.4620	0.4768	0.4979	Ave		0.4879				9.1		15.0			
Butyl acrylate	0.2039 0.2519	0.2044	0.2285	0.2513	0.2465	Ave		0.2311				9.7		15.0			
o-Xylene	0.5000 0.5048	0.4385	0.4692	0.4814	0.4906	Ave		0.4808				5.1		15.0			
Styrene	0.8708 0.8699	0.7607	0.8727	0.8610	0.8818	Ave		0.8528				5.3		15.0			
Amly acetate	1.0415 1.0098	1.0515	1.1274	1.1638	1.1141	Ave		1.0847				5.5		15.0			
Bromoform	0.1209 0.2167	0.1038	0.1248	0.1494	0.1896	QuaF		0.1667	0.0001		0.1000				1.0000		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211477

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2014 11:30 Calibration End Date: 03/09/2014 13:34 Calibration ID: 36078

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropylbenzene	1.1137 1.0551	0.9101	1.0223	1.1061	1.1485	Ave		1.0593				8.1		15.0			
Camphene, Total	0.0832 0.0868	0.0993	0.0898	0.0949	0.0927	Ave		0.0911				6.3		15.0			
Monobromobenzene	0.5401 0.5506	0.5423	0.5826	0.5849	0.5893	Ave		0.5650				4.1		15.0			
1,1,2,2-Tetrachloroethane	0.6146 0.5862	0.5849	0.6039	0.6182	0.6085	Ave		0.6027			0.3000	2.4		15.0			
N-Propylbenzene	2.2737 1.8594	1.8260	2.0461	2.1878	2.2263	Ave		2.0699				9.3		15.0			
1,2,3-Trichloropropane	0.1921 0.1733	0.1710	0.1798	0.1824	0.1770	Ave		0.1792				4.2		15.0			
trans-1,4-Dichloro-2-butene	0.2119 0.2218	0.2070	0.2068	0.2189	0.2240	Ave		0.2150				3.5		15.0			
2-Chlorotoluene	1.8225 1.4415	1.5703	1.5969	1.6815	1.6221	Ave		1.6225				7.8		15.0			
p-Ethyltoluene	2.0563 1.6904	2.0069	2.0657	2.1310	1.9649	Ave		1.9859				7.8		15.0			
1,3,5-Trimethylbenzene	1.4609 1.4413	1.4135	1.4723	1.5907	1.6318	Ave		1.5017				5.9		15.0			
4-Chlorotoluene	1.5681 1.4052	1.4524	1.5006	1.5532	1.5609	Ave		1.5067				4.4		15.0			
Butyl Methacrylate	0.5946 0.6710	0.5827	0.6686	0.6932	0.6959	Ave		0.6510				7.6		15.0			
tert-Butylbenzene	1.1611 1.1859	1.0600	1.1243	1.1910	1.2874	Ave		1.1683				6.5		15.0			
1,2,4-Trimethylbenzene	1.5676 1.4720	1.6142	1.6428	1.7248	1.7331	Ave		1.6258				6.1		15.0			
sec-Butylbenzene	1.5581 1.5168	1.2540	1.4835	1.6112	1.7432	Ave		1.5278				11.0		15.0			
p-Isopropyltoluene	1.4645 1.3763	1.2226	1.3822	1.5097	1.6327	Ave		1.4313				9.7		15.0			
1,3-Dichlorobenzene	1.1223 0.9436	1.0358	1.0593	1.0715	1.0768	Ave		1.0516				5.7		15.0			
1,4-Dichlorobenzene	1.2327 0.9781	1.0806	1.0864	1.1080	1.1017	Ave		1.0979				7.4		15.0			
Benzyl chloride	0.8817 1.1292	0.9144	1.0780	1.1804	1.2370	Ave		1.0701				13.0		15.0			
Indan	2.0089 1.5693	1.8670	1.9445	2.0031	1.8720	Ave		1.8775				8.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211477

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2014 11:30 Calibration End Date: 03/09/2014 13:34 Calibration ID: 36078

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
p-Diethylbenzene	1.0160 0.8972	0.8888	0.9862	1.0237	0.9896	Ave		0.9669				6.1		15.0			
n-Butylbenzene	1.5169 1.4247	1.3207	1.4932	1.5593	1.6872	Ave		1.5003				8.3		15.0			
1,2-Dichlorobenzene	1.1963 0.9642	1.0432	1.0575	1.0916	1.0834	Ave		1.0727				7.1		15.0			
1,2,4,5-Tetramethylbenzene	1.5520 1.3318	1.5378	1.6519	1.6855	1.6338	Ave		1.5655				8.2		15.0			
1,2-Dibromo-3-Chloropropane	0.1734 0.1290	0.0978	0.1173	0.1257	0.1345	QuaF		0.1360	0						1.0000		0.9900
1,3,5-Trichlorobenzene	0.7771 0.5906	0.7240	0.7324	0.7576	0.7185	Ave		0.7167				9.2		15.0			
Camphor	0.0777 0.0635	0.0659	0.0707	0.0741	0.0695	Ave		0.0702				7.4		15.0			
1,2,4-Trichlorobenzene	0.7268 0.5969	0.6911	0.6932	0.6939	0.6857	Ave		0.6813				6.4		15.0			
Hexachlorobutadiene	0.2413 0.1977	0.1641	0.1789	0.1961	0.2183	Ave		0.1994				14.0		15.0			
Naphthalene	2.0107 1.6454	1.9597	2.0319	2.0971	1.9734	Ave		1.9530				8.1		15.0			
1,2,3-Trichlorobenzene	0.6375 0.5561	0.6403	0.6332	0.6449	0.6337	Ave		0.6243				5.4		15.0			
Dibromofluoromethane (Surr)	0.2693 0.2849	0.2677	0.2717	0.2737	0.2817	Ave		0.2748				2.5		15.0			
1,2-Dichloroethane-d4 (Surr)	0.3763 0.3835	0.3746	0.3711	0.3777	0.3702	Ave		0.3756				1.3		15.0			
Toluene-d8 (Surr)	1.2353 1.2361	1.2151	1.2433	1.2246	1.2097	Ave		1.2274				1.1		15.0			
Bromofluorobenzene	0.4313 0.4374	0.4269	0.4273	0.4226	0.4252	Ave		0.4284				1.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211477

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2014 11:30 Calibration End Date: 03/09/2014 13:34 Calibration ID: 36078

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-211477/4	J09765.D
Level 2	STD5 460-211477/5	J09766.D
Level 3	STD20 460-211477/6	J09767.D
Level 4	STD50 460-211477/7	J09768.D
Level 5	STD200 460-211477/8	J09769.D
Level 6	STD500 460-211477/9	J09770.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	610 282617	2366	10715	28572	120630	1.00 500	5.00	20.0	50.0	200
Propene	FB	Ave	4141 2043706	18000	75699	211493	905224	2.00 1000	10.0	40.0	100	400
Dichlorodifluoromethane	FB	Ave	3438 1748144	18018	67541	165250	722070	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	5047 1912961	20987	75998	171607	763169	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	3414 1413817	14983	54337	133512	587689	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	3137 1291230	13858	49149	115477	524568	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	QuaF	2705 515248	9923	29161	66542	285106	1.00 500	5.00	20.0	50.0	200
Chloroethane	TBA	QuaF	2065 766619	8060	30079	69824	303459	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	5595 2066081	23606	84663	200393	845700	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	3840 1852157	18077	70005	163209	750345	1.00 500	5.00	20.0	50.0	200
n-Pentane	TBA	Ave	765 350973	2744	11995	31097	138891	2.00 1000	10.0	40.0	100	400
Ethanol	TBA	QuaF	937 271081	2892	11458	29300	105258	50.0 25000	250	1000	2500	10000
Ethyl ether	FB	QuaF	2774 925590	9192	43324	93570	370780	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	2314 1141305	9839	53814	118326	460262	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorotrifluoroethane	FB	QuaF	2611 1081048	8654	42280	107490	404336	1.00 500	5.00	20.0	50.0	200
2-Chloropropane	FB	Ave	1259 674740	5195	23087	64387	267152	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211477

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2014 11:30 Calibration End Date: 03/09/2014 13:34 Calibration ID: 36078

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Freon TF	FB	QuaF	987 1388970	4990	36086	114874	551337	1.00 500	5.00	20.0	50.0	200
Acrolein	TBA	QuaF	387 57888	3165	6045	15258	29618	4.00 400	20.0	40.0	100	200
1,1-Dichloroethene	FB	Ave	2761 1231344	9785	40588	116580	487035	1.00 500	5.00	20.0	50.0	200
Acetone	TBA	QuaF	8777 2783677	27722	111503	301682	1127358	5.00 2500	25.0	100	250	1000
Iodomethane	FB	Ave	3899 2092075	17528	77079	208601	853351	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	8623 4135843	29594	143012	407355	1725481	1.00 500	5.00	20.0	50.0	200
Isopropanol	TBA	Ave	2579 1088954	9400	42361	107709	421329	10.0 5000	50.0	200	500	2000
Allyl chloride	FB	Ave	1745 812201	6587	30040	79439	312535	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	17425 6074784	73151	310209	794689	2870122	5.00 2500	25.0	100	250	1000
Cyclopentene	FB	Ave	7200 3821203	33418	142505	391157	1604227	1.00 500	5.00	20.0	50.0	200
Acetonitrile	TBA	QuaF	7109 2743986	26271	105408	268984	1102660	10.0 5000	50.0	200	500	2000
1-Chloropropane	FB	QuaF	1577 251037	3702	10754	26132	100048	2.00 1000	10.0	40.0	100	400
Methylene Chloride	FB	Ave	3263 1375546	13414	52976	140180	554686	1.00 500	5.00	20.0	50.0	200
TBA	TBA	QuaF	4888 1620812	15770	62964	163529	615131	10.0 5000	50.0	200	500	2000
MTBE	FB	Ave	8852 4311474	38960	164344	427858	1713691	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	2831 1358567	10870	47545	134643	539859	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	13104 5542534	61323	253609	666545	2453631	10.0 5000	50.0	200	500	2000
Hexane	FB	QuaF	1418 1500939	4844	42590	121954	621259	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	12930 5102211	54956	227603	568554	2225341	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	5497 2835121	25454	104070	283500	1148975	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	13342 5669519	57389	238955	630066	2269911	2.00 1000	10.0	40.0	100	400

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211477

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2014 11:30 Calibration End Date: 03/09/2014 13:34 Calibration ID: 36078

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Allyl alcohol	TBA	Ave	1292 678875	6027	18981	61589	248115	25.0 12500	125	500	1250	5000
2-Chloro-1,3-butadiene	FB	Ave	2824 1262013	9978	45799	123867	505855	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	10140 4537017	46069	191518	484060	1895269	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	4106 2241056	16311	74913	207979	888425	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	3629 1489023	13164	55241	143654	586114	1.00 500	5.00	20.0	50.0	200
2-Butanone	TBA	QuaF	2654 860067	7981	33389	86739	341853	5.00 2500	25.0	100	250	1000
Ethyl acetate	FB	Ave	15276 6388187	70791	302396	781922	2894141	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	3458 1629110	14421	62341	163877	650186	1.00 500	5.00	20.0	50.0	200
Propionitrile	TBA	Ave	4978 2442888	24231	102063	258123	1000491	10.0 5000	50.0	200	500	2000
Tetrahydrofuran	TBA	Ave	948 397203	3657	15802	40597	155543	2.00 1000	10.0	40.0	100	400
Bromochloromethane	FB	Ave	1446 748661	6707	28393	72811	295448	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	13263 5634697	65735	275306	682193	2598166	10.0 5000	50.0	200	500	2000
Chloroform	FB	Ave	5293 2525887	21362	96880	252598	1029146	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	QuaF	2800 2429499	9545	63968	201190	977400	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	3314 2275694	14560	70876	199633	887406	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	QuaF	2205 1812196	9316	46463	140559	686598	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	3504 1862357	13026	60376	173302	761624	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBA	QuaF	2787 2510173	15962	88122	204838	844972	25.0 12500	125	500	1250	5000
Benzene	CBZ	Ave	11574 5189511	47973	206868	542234	2172599	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	10764 4700049	49556	202538	528495	2031845	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	7640 4043538	39895	167881	417934	1668944	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211477

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2014 11:30 Calibration End Date: 03/09/2014 13:34 Calibration ID: 36078

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichloroethane	FB	Ave	3641 2187819	20310	84209	223057	879423	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	QuaF	552 614657	2277	16290	49031	250577	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	Ave	7274 4830951	43840	195156	531796	2140018	2.00 1000	10.0	40.0	100	400
n-Butanol	TBA	Ave	1736 1105762	8108	33629	101594	405287	25.0 12500	125	500	1250	5000
Trichloroethene	FB	Ave	3133 1436793	10449	50811	137687	578290	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	5869 3534814	24843	125530	350148	1485573	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	QuaF	895 1628101	5208	45141	137733	681440	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3113 1557177	14489	58452	149624	618316	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	1757 874441	7922	32563	86650	342540	2.00 1000	10.0	40.0	100	400
1,4-Dioxane	DXE	Ave	1893 343903	2889	13041	33746	127406	50.0 10000	100	400	1000	4000
Propyl acetate	FB	Ave	6826 2802611	27245	113887	296324	1164511	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	1741 929412	8091	35916	90413	368648	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	3289 2032637	14035	61941	176162	764340	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	2179 1166065	10964	46090	117252	464989	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	QuaF	1469 941422	3056	18994	52309	303361	2.00 1000	10.0	40.0	100	400
Epichlorohydrin	FB	Ave	6961 3423248	31445	138227	362580	1405745	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	4402 2483362	19904	89346	233274	978765	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	18256 7574395	84578	359596	936970	3460068	5.00 2500	25.0	100	250	1000
Toluene	CBZ	Ave	11874 5271927	49320	204585	541656	2233818	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	3855 2243599	16204	78578	208662	873941	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	3990 2010656	16917	73778	198308	790067	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211477

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2014 11:30 Calibration End Date: 03/09/2014 13:34 Calibration ID: 36078

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,2-Trichloroethane	CBZ	Ave	2263 1159618	10003	40514	109455	451849	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	2343 1413843	10473	46929	130610	583167	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	4997 2274324	20263	85263	225238	898313	1.00 500	5.00	20.0	50.0	200
2-Hexanone	TBA	Ave	5918 2980245	26669	119070	305003	1223789	5.00 2500	25.0	100	250	1000
Butyl acetate	CBZ	Ave	5107 2540395	22820	101427	257961	1038203	1.00 500	5.00	20.0	50.0	200
Dibromochloromethane	CBZ	QuaF	2097 1521714	8478	40161	116632	549351	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	2790 1418656	12752	52788	134963	552066	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	8085 3721880	32450	137541	360721	1502664	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	4166 1958103	16647	66798	178606	776901	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	2237 1431237	9896	42036	117482	536122	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	5146 2560626	19943	86779	228473	980573	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	CBZ	Ave	1904 1250181	9625	42912	120422	485561	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	4669 2505049	20645	88131	230683	966271	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	8132 4317140	35813	163920	412597	1736579	1.00 500	5.00	20.0	50.0	200
Amly acetate	DCB	Ave	5801 3208908	28754	127267	330110	1319907	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	QuaF	1129 1075649	4885	23432	71578	373481	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	10400 5236409	42848	192008	530026	2261970	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	Ave	777 430602	4673	16866	45469	182567	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	3008 1749760	14830	65771	165920	698180	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	3423 1862649	15996	68172	175366	720945	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	12664 5908738	49936	230981	620575	2637528	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211477

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2014 11:30 Calibration End Date: 03/09/2014 13:34 Calibration ID: 36078

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,3-Trichloropropane	DCB	Ave	1070 550633	4676	20295	51725	209665	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	1180 704679	5660	23340	62094	265427	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	10151 4580735	42942	180269	476960	1921776	1.00 500	5.00	20.0	50.0	200
p-Ethyltoluene	DCB	Ave	11453 5371594	54882	233194	604454	2327838	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	8137 4580170	38653	166197	451217	1933208	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	8734 4465363	39719	169394	440560	1849261	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	3312 2132344	15935	75476	196624	824419	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	6467 3768610	28987	126919	337834	1525232	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	8731 4677796	44142	185454	489247	2053215	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	8678 4820104	34293	167468	457012	2065217	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	8157 4373483	33433	156026	428222	1934327	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	6251 2998636	28325	119577	303941	1275702	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	6866 3108105	29551	122639	314298	1305214	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	4911 3588439	25006	121691	334818	1465539	1.00 500	5.00	20.0	50.0	200
Indan	DCB	Ave	11189 4986779	51056	219506	568175	2217871	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCB	Ave	5659 2851229	24305	111329	290363	1172368	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	8449 4527218	36116	168566	442291	1998874	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	6663 3063927	28529	119379	309631	1283498	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCB	Ave	8644 4232254	42054	186472	478099	1935585	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	QuaF	966 410022	2674	13239	35662	159306	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCB	Ave	4328 1876885	19798	82679	214881	851207	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211477

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2014 11:30 Calibration End Date: 03/09/2014 13:34 Calibration ID: 36078

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Camphor	DCB	Ave	2165 1008318	9011	39924	105087	411866	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	4048 1896735	18899	78253	196825	812412	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	1344 628220	4487	20195	55620	258632	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	11199 5228596	53590	229373	594851	2337952	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	3551 1767125	17509	71485	182937	750806	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	151275 167833	149442	151888	155682	161189	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	211386 225887	209099	207460	214826	211834	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	576781 613469	572075	583809	586821	595639	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	CBZ	Ave	201365 217091	200969	200647	202483	209360	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:
Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212557/3 Calibration Date: 03/14/2014 07:06

Instrument ID: CVOAMS1 Calib Start Date: 03/11/2014 05:37

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/11/2014 13:55

Lab File ID: A00579.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propene	Ave	0.2870	0.3023		42.1	40.0	5.3	50.0
Chlorotrifluoroethene	Ave	0.1070	0.1020		19.1	20.0	-4.7	50.0
Dichlorodifluoromethane	Ave	0.5556	0.5750		20.7	20.0	3.5	50.0
Chloromethane	Ave	0.6329	0.6650	0.1000	21.0	20.0	5.1	50.0
Vinyl chloride	Ave	0.5850	0.6302		21.5	20.0	7.7	20.0
Butadiene	Ave	0.5031	0.5728		22.8	20.0	13.9	50.0
Bromomethane	QuaF		0.3402		21.5	20.0	7.5	50.0
Chloroethane	Ave	0.3304	0.3605		21.8	20.0	9.1	50.0
Dichlorofluoromethane	Ave	0.7819	0.8372		21.4	20.0	7.1	50.0
Trichlorofluoromethane	Ave	0.5257	0.5897		22.4	20.0	12.2	50.0
Acrolein	Ave	1.564	1.108		28.3	40.0	-29.2	50.0
n-Pentane	QuaF		0.0800		50.9	40.0	27.2	50.0
Ethyl ether	QuaF		0.3059		22.1	20.0	10.6	50.0
Ethanol	QuaF		0.0417		1330	1000	32.6	50.0
Isopropene	Ave	1.006	1.008		20.0	20.0	0.1	50.0
1,2-Dichlorotrifluoroethane	Ave	0.2962	0.2655		17.9	20.0	-10.4	50.0
2-Chloropropane	QuaF		0.1837		25.8	20.0	29.2	50.0
Freon TF	Ave	0.3050	0.3438		22.5	20.0	12.7	50.0
1,1-Dichloroethene	Ave	0.3333	0.3175		19.1	20.0	-4.7	20.0
Acetone	QuaF		0.1135		100	100	0.3	50.0
Iodomethane	Ave	23.85	23.78		19.9	20.0	-0.3	50.0
Carbon disulfide	Ave	1.265	1.065		16.8	20.0	-15.8	50.0
Isopropanol	QuaF		0.4741		194	200	-2.8	50.0
Acetonitrile	Ave	3.056	3.597		235	200	17.7	50.0
Allyl chloride	Ave	0.2262	0.1950		17.2	20.0	-13.8	50.0
Cyclopentene	Ave	1.037	1.063		20.5	20.0	2.5	50.0
Methyl acetate	Ave	0.2525	0.2543		101	100	0.7	50.0
1-Chloropropane	QuaF		0.0329		48.8	40.0	22.0	50.0
Methylene Chloride	Ave	0.3948	0.3667		18.6	20.0	-7.1	50.0
TBA	QuaF		0.9354		177	200	-11.6	50.0
MTBE	Ave	1.065	0.9728		18.3	20.0	-8.6	50.0
trans-1,2-Dichloroethene	Ave	0.3638	0.3413		18.8	20.0	-6.2	50.0
Acrylonitrile	Ave	0.1269	0.1257		198	200	-1.0	50.0
Hexane	QuaF		0.3458		22.2	20.0	10.9	50.0
DIPE	Ave	1.201	1.239		20.6	20.0	3.1	50.0
1,1-Dichloroethane	Ave	0.6648	0.6456	0.1000	19.4	20.0	-2.9	50.0
Vinyl acetate	Ave	0.8589	0.8696		40.5	40.0	1.2	50.0
2-Chloro-1,3-butadiene	Ave	0.3160	0.3118		19.7	20.0	-1.3	50.0
Allyl alcohol	QuaF		0.0973		387	500	-22.6	50.0
Tert-butyl ethyl ether	Ave	1.108	1.076		19.4	20.0	-2.9	50.0
2,2-Dichloropropane	Ave	0.5288	0.4962		18.8	20.0	-6.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212557/3 Calibration Date: 03/14/2014 07:06

Instrument ID: CVOAMS1 Calib Start Date: 03/11/2014 05:37

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/11/2014 13:55

Lab File ID: A00579.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.3956	0.3636		18.4	20.0	-8.1	50.0
Ethyl acetate	QuaF		0.0267		44.8	40.0	12.0	50.0
2-Butanone	Ave	1.576	1.513		96.0	100	-4.0	50.0
Propionitrile	QuaF		0.0380		220	200	10.2	50.0
Bromochloromethane	Ave	0.1787	0.1647		18.4	20.0	-7.8	50.0
Tetrahydrofuran	QuaF		5.558		47.4	40.0	18.6	50.0
Methacrylonitrile	Ave	0.1212	0.1257		207	200	3.7	50.0
Chloroform	Ave	0.5948	0.5712		19.2	20.0	-4.0	20.0
Cyclohexane	QuaF		0.6985		21.8	20.0	9.0	50.0
Methyl acrylate	Ave	0.2451	0.2486		20.3	20.0	1.4	50.0
1,1,1-Trichloroethane	Ave	0.4976	0.4779		19.2	20.0	-4.0	50.0
Carbon tetrachloride	Ave	0.3861	0.3686		19.1	20.0	-4.5	50.0
1,1-Dichloropropene	Ave	0.4251	0.4297		20.2	20.0	1.1	50.0
Benzene	Ave	2.198	2.144		19.5	20.0	-2.5	50.0
Isobutyl alcohol	Ave	0.7806	1.724		1100	500	120.9*	50.0
Isopropyl acetate	Ave	0.9186	0.8999		19.6	20.0	-2.0	50.0
Tert-amyl methyl ether	Ave	1.012	0.9818		19.4	20.0	-3.0	50.0
1,2-Dichloroethane	Ave	0.4125	0.4103		19.9	20.0	-0.5	50.0
n-Heptane	QuaF		0.2910		21.1	20.0	5.7	50.0
2,4,4-Trimethyl-1-pentene	QuaF		1.056		41.1	40.0	2.7	50.0
n-Butanol	QuaF		0.1402		308	500	-38.5	50.0
Trichloroethene	Ave	0.3273	0.3145		19.2	20.0	-3.9	50.0
Ethyl acrylate	QuaF		0.8527		21.6	20.0	7.8	50.0
Methylcyclohexane	QuaF		0.6266		20.5	20.0	2.3	50.0
1,2-Dichloropropane	Ave	0.3696	0.3364		18.2	20.0	-9.0	20.0
Methyl methacrylate	Ave	0.0721	0.0667		37.0	40.0	-7.4	50.0
Propyl acetate	Ave	0.3654	0.3661		20.0	20.0	0.2	50.0
1,4-Dioxane	QuaF		0.5349		251	400	-37.3	50.0
Dibromomethane	Ave	0.1839	0.1708		18.6	20.0	-7.2	50.0
Bromodichloromethane	Ave	0.4342	0.3753		17.3	20.0	-13.6	50.0
2-Chloroethyl vinyl ether	Ave	0.1527	0.1306		17.1	20.0	-14.5	50.0
2-Nitropropane	QuaF		0.0513		36.0	40.0	-10.1	50.0
Epichlorohydrin	Ave	0.0352	0.0289		328	400	-18.1	50.0
cis-1,3-Dichloropropene	Ave	0.7820	0.6745		17.3	20.0	-13.7	50.0
4-Methyl-2-pentanone	Ave	0.4738	0.4418		93.3	100	-6.7	50.0
Toluene	Ave	2.105	2.010		19.1	20.0	-4.5	20.0
trans-1,3-Dichloropropene	Ave	0.6315	0.5250		16.6	20.0	-16.9	50.0
Ethyl methacrylate	Ave	0.4198	0.3690		17.6	20.0	-12.1	50.0
1,1,2-Trichloroethane	Ave	0.3498	0.3160		18.1	20.0	-9.7	50.0
Tetrachloroethene	Ave	0.4623	0.4618		20.0	20.0	-0.1	50.0
1,3-Dichloropropane	Ave	0.6795	0.6274		18.5	20.0	-7.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212557/3 Calibration Date: 03/14/2014 07:06

Instrument ID: CVOAMS1 Calib Start Date: 03/11/2014 05:37

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/11/2014 13:55

Lab File ID: A00579.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	0.2906	0.2597		89.4	100	-10.6	50.0
Butyl acetate	QuaF		0.0975		20.8	20.0	4.1	50.0
Dibromochloromethane	Ave	0.4251	0.3431		16.1	20.0	-19.3	50.0
1,2-Dibromoethane	Ave	0.3687	0.3388		18.4	20.0	-8.1	50.0
Chlorobenzene	Ave	1.302	1.200	0.3000	18.4	20.0	-7.8	50.0
Ethylbenzene	Ave	0.7589	0.7146		18.8	20.0	-5.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5226	0.4398		16.8	20.0	-15.8	50.0
m&p-Xylene	Ave	0.9283	0.8734		18.8	20.0	-5.9	50.0
Butyl acrylate	Ave	0.3722	0.3382		18.2	20.0	-9.1	50.0
o-Xylene	Ave	0.9677	0.9029		18.7	20.0	-6.7	50.0
Styrene	Ave	1.593	1.467		18.4	20.0	-7.9	50.0
Amly acetate	Ave	1.536	1.508		19.6	20.0	-1.8	50.0
Bromoform	Ave	0.2963	0.2203	0.1000	14.9	20.0	-25.6	50.0
Isopropylbenzene	QuaF		2.416		16.0	20.0	-19.8	50.0
Camphene, Total	Ave	0.2014	0.2170		21.6	20.0	7.8	50.0
1,1,2,2-Tetrachloroethane	Ave	0.9688	0.9113	0.3000	18.8	20.0	-5.9	50.0
Monobromobenzene	Ave	1.005	0.9092		18.1	20.0	-9.5	50.0
N-Propylbenzene	QuaF		5.123		17.0	20.0	-15.0	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2826	0.2360		16.7	20.0	-16.5	50.0
1,2,3-Trichloropropane	Ave	0.2729	0.2555		18.7	20.0	-6.4	50.0
p-Ethyltoluene	Ave	4.225	4.441		21.0	20.0	5.1	50.0
2-Chlorotoluene	Ave	3.590	3.483		19.4	20.0	-3.0	50.0
1,3,5-Trimethylbenzene	QuaF		3.500		16.5	20.0	-17.6	50.0
Butyl Methacrylate	Ave	1.392	1.267		18.2	20.0	-9.0	50.0
4-Chlorotoluene	Ave	3.019	2.992		19.8	20.0	-0.9	50.0
tert-Butylbenzene	QuaF		2.805		16.8	20.0	-16.0	50.0
1,2,4-Trimethylbenzene	QuaF		3.671		16.9	20.0	-15.4	50.0
sec-Butylbenzene	QuaF		4.564		16.0	20.0	-19.9	50.0
p-Isopropyltoluene	QuaF		3.853		16.3	20.0	-18.6	50.0
1,3-Dichlorobenzene	Ave	2.002	1.941		19.4	20.0	-3.0	50.0
1,4-Dichlorobenzene	Ave	2.044	1.961		19.2	20.0	-4.0	50.0
Benzyl chloride	Ave	1.952	1.540		15.8	20.0	-21.1	50.0
Indan	Ave	1.575	1.557		19.8	20.0	-1.1	50.0
1,4-Diethylbenzene	Ave	2.584	2.622		20.3	20.0	1.4	50.0
n-Butylbenzene	QuaF		2.275		18.4	20.0	-7.9	50.0
1,2-Dichlorobenzene	Ave	1.970	1.876		19.0	20.0	-4.8	50.0
1,2,4,5-Tetramethylbenzene	Ave	3.544	3.420		19.3	20.0	-3.5	50.0
1,2-Dibromo-3-Chloropropane	QuaF		0.1119		17.7	20.0	-11.3	50.0
1,3,5-Trichlorobenzene	Ave	1.471	1.467		19.9	20.0	-0.3	50.0
Camphor	QuaF		0.0411		81.9	100	-18.1	50.0
1,2,4-Trichlorobenzene	Ave	1.140	1.074		18.8	20.0	-5.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212557/3 Calibration Date: 03/14/2014 07:06

Instrument ID: CVOAMS1 Calib Start Date: 03/11/2014 05:37

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/11/2014 13:55

Lab File ID: A00579.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	QuaF		0.6692		19.1	20.0	-4.5	50.0
Naphthalene	QuaF		1.608		18.6	20.0	-7.1	50.0
1,2,3-Trichlorobenzene	QuaF		0.6683		19.2	20.0	-3.8	50.0
Dibromofluoromethane (Surr)	Ave	0.2717	0.2466		45.4	50.0	-9.2	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3105	0.2899		46.7	50.0	-6.6	50.0
Toluene-d8 (Surr)	Ave	1.621	1.473		45.4	50.0	-9.1	50.0
Bromofluorobenzene	Ave	0.8440	0.7615		45.1	50.0	-9.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212326/2 Calibration Date: 03/13/2014 06:43

Instrument ID: CVOAMS4 Calib Start Date: 03/12/2014 14:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/12/2014 20:41

Lab File ID: D367282.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	QuaF		0.9489		22.3	20.0	11.5	50.0
Chloromethane	QuaF		1.317	0.1000	20.2	20.0	1.2	50.0
Butadiene	QuaF		0.8805		21.9	20.0	9.4	50.0
Vinyl chloride	QuaF		0.9501		19.9	20.0	-0.7	20.0
Bromomethane	QuaF		0.4980		19.8	20.0	-1.1	50.0
Chloroethane	QuaF		0.4128		19.1	20.0	-4.7	50.0
n-Pentane	QuaF		0.1012		40.5	40.0	1.3	50.0
Trichlorofluoromethane	QuaF		0.7598		19.8	20.0	-1.1	50.0
Dichlorofluoromethane	Ave	0.9629	0.9538		19.8	20.0	-0.9	50.0
Isopropene	Ave	0.7695	0.7713		20.0	20.0	0.2	50.0
Ethyl ether	QuaF		0.2331		21.7	20.0	8.5	50.0
1,1-Dichloroethene	Ave	0.4396	0.4676		21.3	20.0	6.4	20.0
Carbon disulfide	Ave	1.635	1.764		21.6	20.0	7.9	50.0
Freon TF	Ave	0.4985	0.5388		21.6	20.0	8.1	50.0
Iodomethane	Ave	0.6602	0.7074		21.4	20.0	7.1	50.0
Cyclopentene	Ave	1.380	1.404		20.3	20.0	1.7	50.0
Acrolein	Ave	0.0169	0.0158		281	300	-6.4	50.0
Allyl chloride	Ave	0.2789	0.2953		21.2	20.0	5.9	50.0
Isopropanol	QuaF		0.9881		207	200	3.4	50.0
Methylene Chloride	QuaF		0.4488		21.6	20.0	7.9	50.0
Acetone	QuaF		5.025		102	100	1.6	50.0
trans-1,2-Dichloroethene	Ave	0.4469	0.4693		21.0	20.0	5.0	50.0
Methyl acetate	Ave	0.2507	0.2690		107	100	7.3	50.0
Hexane	Ave	0.9385	1.017		21.7	20.0	8.3	50.0
MTBE	Ave	0.7454	0.7731		20.7	20.0	3.7	50.0
TBA	QuaF		1.487		196	200	-2.2	50.0
Acetonitrile	QuaF		1.516		210	200	5.2	50.0
DIPE	Ave	1.189	1.168		19.6	20.0	-1.8	50.0
2-Chloro-1,3-butadiene	Ave	0.3997	0.4202		21.0	20.0	5.1	50.0
1,1-Dichloroethane	Ave	0.7536	0.7839	0.1000	20.8	20.0	4.0	50.0
Acrylonitrile	QuaF		4.966		187	200	-6.6	50.0
Tert-butyl ethyl ether	Ave	0.9344	0.9118	0.0100	19.5	20.0	-2.4	50.0
Vinyl acetate	QuaF		0.3953		37.0	40.0	-7.6	50.0
cis-1,2-Dichloroethene	Ave	0.3892	0.3895		20.0	20.0	0.0	50.0
2,2-Dichloropropane	Ave	0.6600	0.6647		20.1	20.0	0.7	50.0
Bromochloromethane	Ave	0.1358	0.1370		20.2	20.0	0.8	50.0
Cyclohexane	Ave	0.9192	0.9371		20.4	20.0	1.9	50.0
Chloroform	Ave	0.5772	0.5751		19.9	20.0	-0.4	20.0
Carbon tetrachloride	Ave	0.5524	0.5692		20.6	20.0	3.0	50.0
Ethyl acetate	QuaF		1.231		37.7	40.0	-5.7	50.0
Methyl acrylate	QuaF		0.1182		18.1	20.0	-9.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212326/2 Calibration Date: 03/13/2014 06:43

Instrument ID: CVOAMS4 Calib Start Date: 03/12/2014 14:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/12/2014 20:41

Lab File ID: D367282.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrahydrofuran	QuaF		0.0591		36.0	40.0	-9.9	50.0
1,1,1-Trichloroethane	Ave	0.5598	0.5678		20.3	20.0	1.4	50.0
1,1-Dichloropropene	Ave	0.5447	0.5315		19.5	20.0	-2.4	50.0
2-Butanone	Ave	1.707	1.428		83.6	100	-16.4	50.0
Benzene	Ave	2.561	2.816		22.0	20.0	10.0	50.0
n-Heptane	Ave	0.4017	0.4322		21.5	20.0	7.6	50.0
Propionitrile	Ave	0.0173	0.0179		206	200	3.2	50.0
Methacrylonitrile	Ave	0.0581	0.0607		209	200	4.6	50.0
Tert-amyl methyl ether	Ave	0.7059	0.6837		19.4	20.0	-3.1	50.0
1,2-Dichloroethane	Ave	0.2734	0.2787		20.4	20.0	1.9	50.0
2,4,4-Trimethyl-1-pentene	Ave	1.400	1.339		38.3	40.0	-4.4	50.0
Isopropyl acetate	QuaF		0.3475		17.0	20.0	-14.9	50.0
Methylcyclohexane	Ave	0.8528	0.8280		19.4	20.0	-2.9	50.0
Trichloroethene	Ave	0.3471	0.3422		19.7	20.0	-1.4	50.0
Dibromomethane	Ave	0.1189	0.1136		19.1	20.0	-4.4	50.0
1,2-Dichloropropane	Ave	0.3391	0.3142		18.5	20.0	-7.4	20.0
Bromodichloromethane	Ave	0.3318	0.3138		18.9	20.0	-5.4	50.0
Ethyl acrylate	QuaF		0.1525		16.9	20.0	-15.6	50.0
Methyl methacrylate	Ave	0.0395	0.0381		38.6	40.0	-3.5	50.0
1,4-Dioxane	Ave	1.664	1.347		324	400	-19.0	50.0
Propyl acetate	QuaF		0.1575		16.4	20.0	-18.1	50.0
2-Chloroethyl vinyl ether	QuaF		0.0746		16.6	20.0	-16.8	50.0
cis-1,3-Dichloropropene	Ave	0.7146	0.7312		20.5	20.0	2.3	50.0
Toluene	Ave	2.548	2.584		20.3	20.0	1.4	20.0
Epichlorohydrin	QuaF		0.0212		396	400	-1.1	50.0
2-Nitropropane	Qua		0.0287		37.1	40.0	-7.4	50.0
Tetrachloroethene	Ave	0.5694	0.5936		20.9	20.0	4.3	50.0
4-Methyl-2-pentanone	Ave	0.2563	0.2524		98.5	100	-1.5	50.0
trans-1,3-Dichloropropene	Ave	0.4723	0.4775		20.2	20.0	1.1	50.0
1,1,2-Trichloroethane	QuaF		0.2605		19.9	20.0	-0.5	50.0
Ethyl methacrylate	QuaF		0.1941		16.6	20.0	-17.0	50.0
Dibromochloromethane	Ave	0.3095	0.3030		19.6	20.0	-2.1	50.0
1,3-Dichloropropane	Ave	0.5081	0.5139		20.2	20.0	1.1	50.0
1,2-Dibromoethane	Ave	0.2446	0.2400		19.6	20.0	-1.9	50.0
Butyl acetate	QuaF		0.0498		18.6	20.0	-7.2	50.0
2-Hexanone	Ave	0.1502	0.1634		109	100	8.8	50.0
Chlorobenzene	Ave	1.373	1.345	0.3000	19.6	20.0	-2.1	50.0
Ethylbenzene	Ave	0.8719	0.8672		19.9	20.0	-0.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4365	0.4150		19.0	20.0	-4.9	50.0
m&p-Xylene	Ave	1.068	1.070		20.0	20.0	0.2	50.0
o-Xylene	Ave	0.9937	0.9751		19.6	20.0	-1.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212326/2 Calibration Date: 03/13/2014 06:43

Instrument ID: CVOAMS4 Calib Start Date: 03/12/2014 14:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/12/2014 20:41

Lab File ID: D367282.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromoform	Ave	0.1462	0.1427	0.1000	19.5	20.0	-2.4	50.0
Styrene	Ave	1.471	1.429		19.4	20.0	-2.8	50.0
Butyl acrylate	Ave	0.2091	0.1975		18.9	20.0	-5.5	50.0
Isopropylbenzene	Ave	2.852	2.814		19.7	20.0	-1.3	50.0
Camphene, Total	Ave	0.2750	0.2636		19.2	20.0	-4.1	50.0
Amly acetate	Ave	1.095	0.9537		17.4	20.0	-12.9	50.0
Monobromobenzene	Ave	0.9894	0.9288		18.8	20.0	-6.1	50.0
N-Propylbenzene	Ave	7.343	7.140		19.4	20.0	-2.8	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7147	0.6864	0.3000	19.2	20.0	-4.0	50.0
p-Ethyltoluene	Ave	6.107	5.661		18.5	20.0	-7.3	50.0
2-Chlorotoluene	Ave	4.425	4.287		19.4	20.0	-3.1	50.0
1,2,3-Trichloropropane	Ave	0.1765	0.1662		18.8	20.0	-5.9	50.0
1,3,5-Trimethylbenzene	Ave	4.818	4.652		19.3	20.0	-3.5	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1715	0.1618		18.9	20.0	-5.7	50.0
4-Chlorotoluene	Ave	3.709	3.696		19.9	20.0	-0.3	50.0
tert-Butylbenzene	Ave	3.987	3.892		19.5	20.0	-2.4	50.0
Butyl Methacrylate	Ave	1.081	0.9365		17.3	20.0	-13.4	50.0
1,2,4-Trimethylbenzene	Ave	4.799	4.647		19.4	20.0	-3.2	50.0
sec-Butylbenzene	Ave	6.793	6.567		19.3	20.0	-3.3	50.0
p-Isopropyltoluene	Ave	5.645	5.382		19.1	20.0	-4.7	50.0
1,3-Dichlorobenzene	Ave	2.252	2.105		18.7	20.0	-6.5	50.0
1,4-Dichlorobenzene	Ave	2.218	2.059		18.6	20.0	-7.2	50.0
Indan	QuaF		0.9343		15.5	20.0	-22.6	50.0
1,4-Diethylbenzene	Ave	3.395	3.120		18.4	20.0	-8.1	50.0
Benzyl chloride	Ave	0.2698	0.2534		18.8	20.0	-6.1	50.0
n-Butylbenzene	Ave	3.180	3.120		19.6	20.0	-1.9	50.0
1,2-Dichlorobenzene	Ave	1.917	1.862		19.4	20.0	-2.9	50.0
1,2,4,5-Tetramethylbenzene	Ave	4.611	4.221		18.3	20.0	-8.4	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1097	0.1086		19.8	20.0	-1.0	50.0
Hexachlorobutadiene	Ave	0.8400	0.7649		18.2	20.0	-8.9	50.0
1,2,4-Trichlorobenzene	Ave	1.436	1.299		18.1	20.0	-9.6	50.0
Camphor	QuaF		0.0532		94.6	100	-5.4	50.0
Naphthalene	QuaF		2.391		18.3	20.0	-8.5	50.0
1,2,3-Trichlorobenzene	Ave	1.207	1.113		18.5	20.0	-7.7	50.0
Dibromofluoromethane (Surr)	Ave	0.2198	0.2305		52.4	50.0	4.9	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1915	0.2014		52.6	50.0	5.2	50.0
Toluene-d8 (Surr)	Ave	1.727	1.812		52.4	50.0	4.9	50.0
Bromofluorobenzene	Ave	0.7349	0.7355		50.0	50.0	0.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212478/3 Calibration Date: 03/13/2014 18:51

Instrument ID: CVOAMS4 Calib Start Date: 03/12/2014 14:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/12/2014 20:41

Lab File ID: D367310.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	QuaF		0.9744		22.9	20.0	14.5	50.0
Chloromethane	QuaF		1.084	0.1000	16.6	20.0	-16.8	50.0
Butadiene	QuaF		0.8676		21.6	20.0	7.8	50.0
Vinyl chloride	QuaF		1.015		21.2	20.0	6.2	20.0
Bromomethane	QuaF		0.5321		21.1	20.0	5.7	50.0
Chloroethane	QuaF		0.4534		21.0	20.0	4.8	50.0
n-Pentane	QuaF		0.1220		48.9	40.0	22.2	50.0
Trichlorofluoromethane	QuaF		0.7817		20.3	20.0	1.7	50.0
Dichlorofluoromethane	Ave	0.9629	1.032		21.4	20.0	7.2	50.0
Isopropene	Ave	0.7695	0.8536		22.2	20.0	10.9	50.0
Ethyl ether	QuaF		0.2539		23.6	20.0	18.2	50.0
1,1-Dichloroethene	Ave	0.4396	0.4959		22.6	20.0	12.8	20.0
Carbon disulfide	Ave	1.635	1.772		21.7	20.0	8.4	50.0
Freon TF	Ave	0.4985	0.6037		24.2	20.0	21.1	50.0
Iodomethane	Ave	0.6602	0.7589		23.0	20.0	14.9	50.0
Cyclopentene	Ave	1.380	1.527		22.1	20.0	10.6	50.0
Acrolein	Ave	0.0169	0.0164		293	300	-2.5	50.0
Allyl chloride	Ave	0.2789	0.2876		20.6	20.0	3.1	50.0
Isopropanol	QuaF		0.8643		181	200	-9.6	50.0
Methylene Chloride	QuaF		0.4672		22.5	20.0	12.4	50.0
Acetone	QuaF		4.065		82.2	100	-17.8	50.0
trans-1,2-Dichloroethene	Ave	0.4469	0.4742		21.2	20.0	6.1	50.0
Methyl acetate	Ave	0.2507	0.2890		115	100	15.3	50.0
Hexane	Ave	0.9385	1.055		22.5	20.0	12.5	50.0
MTBE	Ave	0.7454	0.8467		22.7	20.0	13.6	50.0
TBA	QuaF		1.436		189	200	-5.6	50.0
Acetonitrile	QuaF		1.279		178	200	-11.0	50.0
DIPE	Ave	1.189	1.286		21.6	20.0	8.1	50.0
2-Chloro-1,3-butadiene	Ave	0.3997	0.4250		21.3	20.0	6.3	50.0
1,1-Dichloroethane	Ave	0.7536	0.7935	0.1000	21.1	20.0	5.3	50.0
Acrylonitrile	QuaF		3.878		146	200	-27.1	50.0
Tert-butyl ethyl ether	Ave	0.9344	1.003	0.0100	21.5	20.0	7.4	50.0
Vinyl acetate	QuaF		0.3781		35.3	40.0	-11.6	50.0
cis-1,2-Dichloroethene	Ave	0.3892	0.3787		19.5	20.0	-2.7	50.0
2,2-Dichloropropane	Ave	0.6600	0.6911		20.9	20.0	4.7	50.0
Bromochloromethane	Ave	0.1358	0.1384		20.4	20.0	1.9	50.0
Cyclohexane	Ave	0.9192	0.995		21.7	20.0	8.3	50.0
Chloroform	Ave	0.5772	0.5725		19.8	20.0	-0.8	20.0
Carbon tetrachloride	Ave	0.5524	0.5265		19.1	20.0	-4.7	50.0
Ethyl acetate	QuaF		1.110		34.0	40.0	-14.9	50.0
Methyl acrylate	QuaF		0.1213		18.6	20.0	-7.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212478/3 Calibration Date: 03/13/2014 18:51

Instrument ID: CVOAMS4 Calib Start Date: 03/12/2014 14:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/12/2014 20:41

Lab File ID: D367310.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrahydrofuran	QuaF		0.0607		37.0	40.0	-7.4	50.0
1,1,1-Trichloroethane	Ave	0.5598	0.6108		21.8	20.0	9.1	50.0
1,1-Dichloropropene	Ave	0.5447	0.5455		20.0	20.0	0.2	50.0
2-Butanone	Ave	1.707	1.279		74.9	100	-25.1	50.0
Benzene	Ave	2.561	2.624		20.5	20.0	2.5	50.0
n-Heptane	Ave	0.4017	0.4079		20.3	20.0	1.6	50.0
Propionitrile	Ave	0.0173	0.0206		238	200	18.9	50.0
Methacrylonitrile	Ave	0.0581	0.0686		236	200	18.0	50.0
Tert-amyl methyl ether	Ave	0.7059	0.7532		21.3	20.0	6.7	50.0
1,2-Dichloroethane	Ave	0.2734	0.2879		21.1	20.0	5.3	50.0
2,4,4-Trimethyl-1-pentene	Ave	1.400	1.347		38.5	40.0	-3.8	50.0
Isopropyl acetate	QuaF		0.3811		18.7	20.0	-6.7	50.0
Methylcyclohexane	Ave	0.8528	0.8440		19.8	20.0	-1.0	50.0
Trichloroethene	Ave	0.3471	0.3374		19.4	20.0	-2.8	50.0
Dibromomethane	Ave	0.1189	0.1170		19.7	20.0	-1.6	50.0
1,2-Dichloropropane	Ave	0.3391	0.3224		19.0	20.0	-4.9	20.0
Bromodichloromethane	Ave	0.3318	0.2978		17.9	20.0	-10.3	50.0
Ethyl acrylate	QuaF		0.1720		19.0	20.0	-4.8	50.0
Methyl methacrylate	Ave	0.0395	0.0407		41.2	40.0	2.9	50.0
1,4-Dioxane	Ave	1.664	1.584		381	400	-4.8	50.0
Propyl acetate	QuaF		0.1806		18.8	20.0	-6.1	50.0
2-Chloroethyl vinyl ether	QuaF		0.0789		17.6	20.0	-11.9	50.0
cis-1,3-Dichloropropene	Ave	0.7146	0.6405		17.9	20.0	-10.4	50.0
Toluene	Ave	2.548	2.463		19.3	20.0	-3.3	20.0
Epichlorohydrin	QuaF		0.0198		368	400	-8.0	50.0
2-Nitropropane	Qua		0.0268		34.5	40.0	-13.7	50.0
Tetrachloroethene	Ave	0.5694	0.5270		18.5	20.0	-7.4	50.0
4-Methyl-2-pentanone	Ave	0.2563	0.2641		103	100	3.0	50.0
trans-1,3-Dichloropropene	Ave	0.4723	0.4116		17.4	20.0	-12.8	50.0
1,1,2-Trichloroethane	QuaF		0.2406		18.4	20.0	-8.1	50.0
Ethyl methacrylate	QuaF		0.2065		17.7	20.0	-11.7	50.0
Dibromochloromethane	Ave	0.3095	0.2601		16.8	20.0	-16.0	50.0
1,3-Dichloropropane	Ave	0.5081	0.4737		18.6	20.0	-6.8	50.0
1,2-Dibromoethane	Ave	0.2446	0.2276		18.6	20.0	-6.9	50.0
Butyl acetate	QuaF		0.0567		21.1	20.0	5.6	50.0
2-Hexanone	Ave	0.1502	0.1543		103	100	2.7	50.0
Chlorobenzene	Ave	1.373	1.248	0.3000	18.2	20.0	-9.1	50.0
Ethylbenzene	Ave	0.8719	0.8181		18.8	20.0	-6.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4365	0.3806		17.4	20.0	-12.8	50.0
m&p-Xylene	Ave	1.068	1.012		18.9	20.0	-5.3	50.0
o-Xylene	Ave	0.9937	0.9667		19.5	20.0	-2.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212478/3 Calibration Date: 03/13/2014 18:51

Instrument ID: CVOAMS4 Calib Start Date: 03/12/2014 14:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/12/2014 20:41

Lab File ID: D367310.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromoform	Ave	0.1462	0.1232	0.1000	16.9	20.0	-15.7	50.0
Styrene	Ave	1.471	1.337		18.2	20.0	-9.1	50.0
Butyl acrylate	Ave	0.2091	0.2131		20.4	20.0	1.9	50.0
Isopropylbenzene	Ave	2.852	2.710		19.0	20.0	-5.0	50.0
Camphene, Total	Ave	0.2750	0.2573		18.7	20.0	-6.4	50.0
Amly acetate	Ave	1.095	1.038		19.0	20.0	-5.2	50.0
Monobromobenzene	Ave	0.9894	0.9239		18.7	20.0	-6.6	50.0
N-Propylbenzene	Ave	7.343	7.130		19.4	20.0	-2.9	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7147	0.7407	0.3000	20.7	20.0	3.6	50.0
p-Ethyltoluene	Ave	6.107	5.872		19.2	20.0	-3.8	50.0
2-Chlorotoluene	Ave	4.425	4.331		19.6	20.0	-2.1	50.0
1,2,3-Trichloropropane	Ave	0.1765	0.1832		20.8	20.0	3.8	50.0
1,3,5-Trimethylbenzene	Ave	4.818	4.555		18.9	20.0	-5.5	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1715	0.1692		19.7	20.0	-1.4	50.0
4-Chlorotoluene	Ave	3.709	3.483		18.8	20.0	-6.1	50.0
tert-Butylbenzene	Ave	3.987	3.530		17.7	20.0	-11.5	50.0
Butyl Methacrylate	Ave	1.081	1.021		18.9	20.0	-5.6	50.0
1,2,4-Trimethylbenzene	Ave	4.799	4.473		18.6	20.0	-6.8	50.0
sec-Butylbenzene	Ave	6.793	6.287		18.5	20.0	-7.4	50.0
p-Isopropyltoluene	Ave	5.645	5.127		18.2	20.0	-9.2	50.0
1,3-Dichlorobenzene	Ave	2.252	2.037		18.1	20.0	-9.5	50.0
1,4-Dichlorobenzene	Ave	2.218	1.981		17.9	20.0	-10.7	50.0
Indan	QuaF		1.067		17.7	20.0	-11.6	50.0
1,4-Diethylbenzene	Ave	3.395	3.167		18.7	20.0	-6.7	50.0
Benzyl chloride	Ave	0.2698	0.2288		17.0	20.0	-15.2	50.0
n-Butylbenzene	Ave	3.180	3.078		19.4	20.0	-3.2	50.0
1,2-Dichlorobenzene	Ave	1.917	1.839		19.2	20.0	-4.1	50.0
1,2,4,5-Tetramethylbenzene	Ave	4.611	4.074		17.7	20.0	-11.6	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1097	0.1033		18.8	20.0	-5.9	50.0
Hexachlorobutadiene	Ave	0.8400	0.6362		15.1	20.0	-24.3	50.0
1,2,4-Trichlorobenzene	Ave	1.436	1.270		17.7	20.0	-11.6	50.0
Camphor	QuaF		0.0609		108	100	8.4	50.0
Naphthalene	QuaF		2.487		19.0	20.0	-4.8	50.0
1,2,3-Trichlorobenzene	Ave	1.207	1.091		18.1	20.0	-9.6	50.0
Dibromofluoromethane (Surr)	Ave	0.2198	0.2137		48.6	50.0	-2.8	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1915	0.1974		51.5	50.0	3.1	50.0
Toluene-d8 (Surr)	Ave	1.727	1.624		47.0	50.0	-6.0	50.0
Bromofluorobenzene	Ave	0.7349	0.7119		48.4	50.0	-3.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212576/2 Calibration Date: 03/14/2014 06:27

Instrument ID: CVOAMS4 Calib Start Date: 03/12/2014 14:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/12/2014 20:41

Lab File ID: D367334.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	QuaF		1.052		24.7	20.0	23.7	50.0
Chloromethane	QuaF		1.133	0.1000	17.4	20.0	-13.1	50.0
Butadiene	QuaF		0.9106		22.6	20.0	13.2	50.0
Vinyl chloride	QuaF		1.060		22.2	20.0	10.9	20.0
Bromomethane	QuaF		0.5274		21.0	20.0	4.8	50.0
Chloroethane	QuaF		0.4631		21.4	20.0	7.0	50.0
n-Pentane	QuaF		0.1083		43.4	40.0	8.5	50.0
Trichlorofluoromethane	QuaF		0.8177		21.3	20.0	6.4	50.0
Dichlorofluoromethane	Ave	0.9629	1.128		23.4	20.0	17.1	50.0
Isopropene	Ave	0.7695	0.8386		21.8	20.0	9.0	50.0
Ethyl ether	QuaF		0.2407		22.4	20.0	12.1	50.0
1,1-Dichloroethene	Ave	0.4396	0.4878		22.2	20.0	11.0	20.0
Carbon disulfide	Ave	1.635	1.653		20.2	20.0	1.1	50.0
Freon TF	Ave	0.4985	0.5659		22.7	20.0	13.5	50.0
Iodomethane	Ave	0.6602	0.7087		21.5	20.0	7.3	50.0
Cyclopentene	Ave	1.380	1.493		21.6	20.0	8.1	50.0
Acrolein	Ave	0.0169	0.0127		226	300	-24.8	50.0
Allyl chloride	Ave	0.2789	0.2856		20.5	20.0	2.4	50.0
Isopropanol	QuaF		0.9730		204	200	1.8	50.0
Methylene Chloride	QuaF		0.4646		22.3	20.0	11.7	50.0
Acetone	QuaF		4.237		85.7	100	-14.3	50.0
trans-1,2-Dichloroethene	Ave	0.4469	0.4758		21.3	20.0	6.5	50.0
Methyl acetate	Ave	0.2507	0.2818		112	100	12.4	50.0
Hexane	Ave	0.9385	0.9836		21.0	20.0	4.8	50.0
MTBE	Ave	0.7454	0.8338		22.4	20.0	11.9	50.0
TBA	QuaF		1.407		185	200	-7.5	50.0
Acetonitrile	QuaF		1.525		212	200	5.9	50.0
DIPE	Ave	1.189	1.311		22.0	20.0	10.2	50.0
2-Chloro-1,3-butadiene	Ave	0.3997	0.4175		20.9	20.0	4.5	50.0
1,1-Dichloroethane	Ave	0.7536	0.8136	0.1000	21.6	20.0	8.0	50.0
Acrylonitrile	QuaF		4.823		181	200	-9.3	50.0
Tert-butyl ethyl ether	Ave	0.9344	1.005	0.0100	21.5	20.0	7.6	50.0
Vinyl acetate	QuaF		0.3704		34.6	40.0	-13.4	50.0
cis-1,2-Dichloroethene	Ave	0.3892	0.4087		21.0	20.0	5.0	50.0
2,2-Dichloropropane	Ave	0.6600	0.6706		20.3	20.0	1.6	50.0
Bromochloromethane	Ave	0.1358	0.1416		20.9	20.0	4.3	50.0
Cyclohexane	Ave	0.9192	1.017		22.1	20.0	10.7	50.0
Chloroform	Ave	0.5772	0.6036		20.9	20.0	4.6	20.0
Carbon tetrachloride	Ave	0.5524	0.4988		18.1	20.0	-9.7	50.0
Ethyl acetate	QuaF		1.001		30.7	40.0	-23.3	50.0
Methyl acrylate	QuaF		0.1091		16.7	20.0	-16.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212576/2 Calibration Date: 03/14/2014 06:27

Instrument ID: CVOAMS4 Calib Start Date: 03/12/2014 14:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/12/2014 20:41

Lab File ID: D367334.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrahydrofuran	QuaF		0.0626		38.2	40.0	-4.6	50.0
1,1,1-Trichloroethane	Ave	0.5598	0.6261		22.4	20.0	11.9	50.0
1,1-Dichloropropene	Ave	0.5447	0.5508		20.2	20.0	1.1	50.0
2-Butanone	Ave	1.707	1.702		99.7	100	-0.3	50.0
Benzene	Ave	2.561	2.715		21.2	20.0	6.0	50.0
n-Heptane	Ave	0.4017	0.4505		22.4	20.0	12.2	50.0
Propionitrile	Ave	0.0173	0.0197		228	200	13.8	50.0
Methacrylonitrile	Ave	0.0581	0.0640		220	200	10.2	50.0
Tert-amyl methyl ether	Ave	0.7059	0.7558		21.4	20.0	7.1	50.0
1,2-Dichloroethane	Ave	0.2734	0.2996		21.9	20.0	9.6	50.0
2,4,4-Trimethyl-1-pentene	Ave	1.400	1.466		41.9	40.0	4.7	50.0
Isopropyl acetate	QuaF		0.3796		18.6	20.0	-7.0	50.0
Methylcyclohexane	Ave	0.8528	0.8865		20.8	20.0	3.9	50.0
Trichloroethene	Ave	0.3471	0.3590		20.7	20.0	3.4	50.0
1,2-Dichloropropane	Ave	0.3391	0.3463		20.4	20.0	2.1	20.0
Bromodichloromethane	Ave	0.3318	0.3192		19.2	20.0	-3.8	50.0
Ethyl acrylate	QuaF		0.1517		16.8	20.0	-16.0	50.0
Methyl methacrylate	Ave	0.0395	0.0402		40.7	40.0	1.7	50.0
1,4-Dioxane	Ave	1.664	1.636		393	400	-1.6	50.0
Propyl acetate	QuaF		0.1780		18.5	20.0	-7.5	50.0
2-Chloroethyl vinyl ether	QuaF		0.0799		17.8	20.0	-10.9	50.0
cis-1,3-Dichloropropene	Ave	0.7146	0.6762		18.9	20.0	-5.4	50.0
Toluene	Ave	2.548	2.631		20.7	20.0	3.3	20.0
Epichlorohydrin	QuaF		0.0004		7.06	400	-98.2*	50.0
2-Nitropropane	Qua		0.0243		31.1	40.0	-22.2	50.0
Tetrachloroethene	Ave	0.5694	0.5554		19.5	20.0	-2.5	50.0
4-Methyl-2-pentanone	Ave	0.2563	0.2599		101	100	1.4	50.0
trans-1,3-Dichloropropene	Ave	0.4723	0.4550		19.3	20.0	-3.7	50.0
1,1,2-Trichloroethane	QuaF		0.2432		18.6	20.0	-7.1	50.0
Ethyl methacrylate	QuaF		0.2143		18.3	20.0	-8.4	50.0
Dibromochloromethane	Ave	0.3095	0.2724		17.6	20.0	-12.0	50.0
1,3-Dichloropropane	Ave	0.5081	0.5045		19.9	20.0	-0.7	50.0
1,2-Dibromoethane	Ave	0.2446	0.2391		19.6	20.0	-2.2	50.0
Butyl acetate	QuaF		0.0461		17.2	20.0	-14.0	50.0
2-Hexanone	Ave	0.1502	0.1509		100	100	0.4	50.0
Chlorobenzene	Ave	1.373	1.356	0.3000	19.8	20.0	-1.2	50.0
Ethylbenzene	Ave	0.8719	0.8779		20.1	20.0	0.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4365	0.4099		18.8	20.0	-6.1	50.0
m&p-Xylene	Ave	1.068	1.088		20.4	20.0	1.9	50.0
o-Xylene	Ave	0.9937	1.019		20.5	20.0	2.6	50.0
Bromoform	Ave	0.1462	0.1235	0.1000	16.9	20.0	-15.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212576/2 Calibration Date: 03/14/2014 06:27

Instrument ID: CVOAMS4 Calib Start Date: 03/12/2014 14:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/12/2014 20:41

Lab File ID: D367334.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Styrene	Ave	1.471	1.463		19.9	20.0	-0.5	50.0
Butyl acrylate	Ave	0.2091	0.2042		19.5	20.0	-2.3	50.0
Isopropylbenzene	Ave	2.852	3.035		21.3	20.0	6.4	50.0
Camphene, Total	Ave	0.2750	0.2901		21.1	20.0	5.5	50.0
Amly acetate	Ave	1.095	1.045		19.1	20.0	-4.6	50.0
Monobromobenzene	Ave	0.9894	0.9601		19.4	20.0	-3.0	50.0
N-Propylbenzene	Ave	7.343	7.566		20.6	20.0	3.0	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7147	0.7164	0.3000	20.0	20.0	0.2	50.0
p-Ethyltoluene	Ave	6.107	6.032		19.8	20.0	-1.2	50.0
2-Chlorotoluene	Ave	4.425	4.440		20.1	20.0	0.3	50.0
1,2,3-Trichloropropane	Ave	0.1765	0.1883		21.3	20.0	6.7	50.0
1,3,5-Trimethylbenzene	Ave	4.818	4.896		20.3	20.0	1.6	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1715	0.1760		20.5	20.0	2.6	50.0
4-Chlorotoluene	Ave	3.709	3.791		20.4	20.0	2.2	50.0
tert-Butylbenzene	Ave	3.987	3.894		19.5	20.0	-2.3	50.0
Butyl Methacrylate	Ave	1.081	1.075		19.9	20.0	-0.6	50.0
1,2,4-Trimethylbenzene	Ave	4.799	4.852		20.2	20.0	1.1	50.0
sec-Butylbenzene	Ave	6.793	7.026		20.7	20.0	3.4	50.0
p-Isopropyltoluene	Ave	5.645	5.679		20.1	20.0	0.6	50.0
1,3-Dichlorobenzene	Ave	2.252	2.239		19.9	20.0	-0.5	50.0
1,4-Dichlorobenzene	Ave	2.218	2.135		19.2	20.0	-3.8	50.0
Indan	QuaF		1.166		19.3	20.0	-3.4	50.0
1,4-Diethylbenzene	Ave	3.395	3.334		19.6	20.0	-1.8	50.0
Benzyl chloride	Ave	0.2698	0.2077		15.4	20.0	-23.0	50.0
n-Butylbenzene	Ave	3.180	3.234		20.3	20.0	1.7	50.0
1,2-Dichlorobenzene	Ave	1.917	1.987		20.7	20.0	3.7	50.0
1,2,4,5-Tetramethylbenzene	Ave	4.611	4.498		19.5	20.0	-2.4	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1097	0.0998		18.2	20.0	-9.0	50.0
Hexachlorobutadiene	Ave	0.8400	0.8078		19.2	20.0	-3.8	50.0
1,2,4-Trichlorobenzene	Ave	1.436	1.388		19.3	20.0	-3.3	50.0
Camphor	QuaF		0.0533		94.9	100	-5.1	50.0
Naphthalene	QuaF		2.601		19.9	20.0	-0.5	50.0
1,2,3-Trichlorobenzene	Ave	1.207	1.183		19.6	20.0	-2.0	50.0
Dibromomethane	Ave	0.1189			0.290	20.0		
Dibromofluoromethane (Surr)	Ave	0.2198	0.2018		45.9	50.0	-8.2	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1915	0.1845		48.2	50.0	-3.7	50.0
Toluene-d8 (Surr)	Ave	1.727	1.617		46.8	50.0	-6.4	50.0
Bromofluorobenzene	Ave	0.7349	0.6991		47.6	50.0	-4.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212899/2 Calibration Date: 03/16/2014 06:33

Instrument ID: CVOAMS4 Calib Start Date: 03/12/2014 14:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/12/2014 20:41

Lab File ID: D367418.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	QuaF		0.9673		22.7	20.0	13.7	50.0
Chloromethane	QuaF		0.8007	0.1000	12.3	20.0	-38.7	50.0
Butadiene	QuaF		0.6292		15.6	20.0	-22.0	50.0
Vinyl chloride	QuaF		0.7707		16.1	20.0	-19.6	20.0
Bromomethane	QuaF		0.4611		18.3	20.0	-8.4	50.0
Chloroethane	QuaF		0.3264		15.1	20.0	-24.7	50.0
n-Pentane	QuaF		0.0807		32.3	40.0	-19.2	50.0
Trichlorofluoromethane	QuaF		0.8378		21.8	20.0	9.1	50.0
Dichlorofluoromethane	Ave	0.9629	0.9154		19.0	20.0	-4.9	50.0
Isopropene	Ave	0.7695	0.6542		17.0	20.0	-15.0	50.0
Ethyl ether	QuaF		0.1709		15.9	20.0	-20.5	50.0
1,1-Dichloroethene	Ave	0.4396	0.4303		19.6	20.0	-2.1	20.0
Carbon disulfide	Ave	1.635	1.355		16.6	20.0	-17.1	50.0
Freon TF	Ave	0.4985	0.5366		21.5	20.0	7.6	50.0
Iodomethane	Ave	0.6602	0.7501		22.7	20.0	13.6	50.0
Cyclopentene	Ave	1.380	1.167		16.9	20.0	-15.5	50.0
Acrolein	Ave	0.0169	0.0069		123	300	-58.9*	50.0
Allyl chloride	Ave	0.2789	0.2667		19.1	20.0	-4.4	50.0
Isopropanol	QuaF		0.8459		177	200	-11.5	50.0
Methylene Chloride	QuaF		0.4430		21.3	20.0	6.5	50.0
Acetone	QuaF		3.806		76.9	100	-23.1	50.0
trans-1,2-Dichloroethene	Ave	0.4469	0.4989		22.3	20.0	11.6	50.0
Methyl acetate	Ave	0.2507	0.2007		80.1	100	-19.9	50.0
Hexane	Ave	0.9385	0.8478		18.1	20.0	-9.7	50.0
MTBE	Ave	0.7454	0.7648		20.5	20.0	2.6	50.0
TBA	QuaF		1.374		181	200	-9.7	50.0
Acetonitrile	QuaF		1.143		159	200	-20.4	50.0
DIPE	Ave	1.189	0.9209		15.5	20.0	-22.6	50.0
2-Chloro-1,3-butadiene	Ave	0.3997	0.4234		21.2	20.0	5.9	50.0
1,1-Dichloroethane	Ave	0.7536	0.7055	0.1000	18.7	20.0	-6.4	50.0
Acrylonitrile	QuaF		4.545		171	200	-14.5	50.0
Tert-butyl ethyl ether	Ave	0.9344	0.8601	0.0100	18.4	20.0	-8.0	50.0
Vinyl acetate	QuaF		0.2664		24.9	40.0	-37.8	50.0
cis-1,2-Dichloroethene	Ave	0.3892	0.4280		22.0	20.0	10.0	50.0
2,2-Dichloropropane	Ave	0.6600	0.6631		20.1	20.0	0.5	50.0
Bromochloromethane	Ave	0.1358	0.1632		24.0	20.0	20.2	50.0
Cyclohexane	Ave	0.9192	0.8546		18.6	20.0	-7.0	50.0
Chloroform	Ave	0.5772	0.6004		20.8	20.0	4.0	20.0
Carbon tetrachloride	Ave	0.5524	0.5971		21.6	20.0	8.1	50.0
Methyl acrylate	QuaF		0.0811		12.4	20.0	-37.8	50.0
Tetrahydrofuran	QuaF		0.0431		26.3	40.0	-34.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212899/2 Calibration Date: 03/16/2014 06:33

Instrument ID: CVOAMS4 Calib Start Date: 03/12/2014 14:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/12/2014 20:41

Lab File ID: D367418.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl acetate	QuaF		1.160		35.6	40.0	-11.1	50.0
1,1,1-Trichloroethane	Ave	0.5598	0.6821		24.4	20.0	21.9	50.0
1,1-Dichloropropene	Ave	0.5447	0.5367		19.7	20.0	-1.5	50.0
2-Butanone	Ave	1.707	1.730		101	100	1.3	50.0
Benzene	Ave	2.561	2.386		18.6	20.0	-6.8	50.0
n-Heptane	Ave	0.4017	0.3701		18.4	20.0	-7.9	50.0
Propionitrile	Ave	0.0173	0.0135		156	200	-22.0	50.0
Methacrylonitrile	Ave	0.0581	0.0548		189	200	-5.7	50.0
Tert-amyl methyl ether	Ave	0.7059	0.6883		19.5	20.0	-2.5	50.0
1,2-Dichloroethane	Ave	0.2734	0.2619		19.2	20.0	-4.2	50.0
2,4,4-Trimethyl-1-pentene	Ave	1.400	1.199		34.2	40.0	-14.4	50.0
Isopropyl acetate	QuaF		0.2649		13.0	20.0	-35.1	50.0
Methylcyclohexane	Ave	0.8528	0.8946		21.0	20.0	4.9	50.0
Trichloroethene	Ave	0.3471	0.3774		21.7	20.0	8.7	50.0
Dibromomethane	Ave	0.1189	0.1172		19.7	20.0	-1.4	50.0
1,2-Dichloropropane	Ave	0.3391	0.2857		16.9	20.0	-15.7	20.0
Bromodichloromethane	Ave	0.3318	0.3220		19.4	20.0	-2.9	50.0
Ethyl acrylate	QuaF		0.1255		13.9	20.0	-30.5	50.0
Methyl methacrylate	Ave	0.0395	0.0405		41.0	40.0	2.5	50.0
1,4-Dioxane	Ave	1.664	1.375		331	400	-17.4	50.0
Propyl acetate	QuaF		0.1138		11.9	20.0	-40.7	50.0
2-Chloroethyl vinyl ether	QuaF		0.0667		14.9	20.0	-25.6	50.0
cis-1,3-Dichloropropene	Ave	0.7146	0.5816		16.3	20.0	-18.6	50.0
Toluene	Ave	2.548	2.396		18.8	20.0	-6.0	20.0
Epichlorohydrin	QuaF		0.0134		249	400	-37.7	50.0
2-Nitropropane	Qua		0.0213		27.2	40.0	-32.1	50.0
Tetrachloroethene	Ave	0.5694	0.6766		23.8	20.0	18.8	50.0
4-Methyl-2-pentanone	Ave	0.2563	0.1645		64.2	100	-35.8	50.0
trans-1,3-Dichloropropene	Ave	0.4723	0.3794		16.1	20.0	-19.7	50.0
1,1,2-Trichloroethane	QuaF		0.2199		16.8	20.0	-16.0	50.0
Ethyl methacrylate	QuaF		0.1717		14.7	20.0	-26.6	50.0
Dibromochloromethane	Ave	0.3095	0.2909		18.8	20.0	-6.0	50.0
1,3-Dichloropropane	Ave	0.5081	0.4239		16.7	20.0	-16.6	50.0
1,2-Dibromoethane	Ave	0.2446	0.2337		19.1	20.0	-4.5	50.0
Butyl acetate	QuaF		0.0419		15.6	20.0	-21.9	50.0
2-Hexanone	Ave	0.1502	0.0989		65.8	100	-34.2	50.0
Chlorobenzene	Ave	1.373	1.298	0.3000	18.9	20.0	-5.5	50.0
Ethylbenzene	Ave	0.8719	0.8470		19.4	20.0	-2.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4365	0.4185		19.2	20.0	-4.1	50.0
m&p-Xylene	Ave	1.068	1.018		19.1	20.0	-4.7	50.0
o-Xylene	Ave	0.9937	0.9816		19.8	20.0	-1.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212899/2 Calibration Date: 03/16/2014 06:33

Instrument ID: CVOAMS4 Calib Start Date: 03/12/2014 14:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/12/2014 20:41

Lab File ID: D367418.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromoform	Ave	0.1462	0.1500	0.1000	20.5	20.0	2.6	50.0
Styrene	Ave	1.471	1.370		18.6	20.0	-6.9	50.0
Butyl acrylate	Ave	0.2091	0.1477		14.1	20.0	-29.4	50.0
Isopropylbenzene	Ave	2.852	2.914		20.4	20.0	2.1	50.0
Camphene, Total	Ave	0.2750	0.2003		14.6	20.0	-27.2	50.0
Amly acetate	Ave	1.095	0.5783		10.6	20.0	-47.2	50.0
Monobromobenzene	Ave	0.9894	0.999		20.2	20.0	1.0	50.0
N-Propylbenzene	Ave	7.343	6.366		17.3	20.0	-13.3	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7147	0.5509	0.3000	15.4	20.0	-22.9	50.0
p-Ethyltoluene	Ave	6.107	5.451		17.9	20.0	-10.7	50.0
2-Chlorotoluene	Ave	4.425	3.949		17.9	20.0	-10.7	50.0
1,2,3-Trichloropropane	Ave	0.1765	0.1655		18.8	20.0	-6.2	50.0
1,3,5-Trimethylbenzene	Ave	4.818	4.364		18.1	20.0	-9.4	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1715	0.1137		13.3	20.0	-33.7	50.0
4-Chlorotoluene	Ave	3.709	3.198		17.2	20.0	-13.8	50.0
tert-Butylbenzene	Ave	3.987	3.716		18.6	20.0	-6.8	50.0
Butyl Methacrylate	Ave	1.081	0.7837		14.5	20.0	-27.5	50.0
1,2,4-Trimethylbenzene	Ave	4.799	4.450		18.5	20.0	-7.3	50.0
sec-Butylbenzene	Ave	6.793	6.277		18.5	20.0	-7.6	50.0
p-Isopropyltoluene	Ave	5.645	5.229		18.5	20.0	-7.4	50.0
1,3-Dichlorobenzene	Ave	2.252	2.145		19.1	20.0	-4.7	50.0
1,4-Dichlorobenzene	Ave	2.218	2.094		18.9	20.0	-5.6	50.0
Indan	QuaF		1.185		19.6	20.0	-1.9	50.0
1,4-Diethylbenzene	Ave	3.395	3.151		18.6	20.0	-7.2	50.0
Benzyl chloride	Ave	0.2698	0.1818		13.5	20.0	-32.6	50.0
n-Butylbenzene	Ave	3.180	2.894		18.2	20.0	-9.0	50.0
1,2-Dichlorobenzene	Ave	1.917	1.891		19.7	20.0	-1.3	50.0
1,2,4,5-Tetramethylbenzene	Ave	4.611	4.266		18.5	20.0	-7.5	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1097	0.1012		18.5	20.0	-7.7	50.0
Hexachlorobutadiene	Ave	0.8400	0.9520		22.7	20.0	13.3	50.0
1,2,4-Trichlorobenzene	Ave	1.436	1.504		20.9	20.0	4.7	50.0
Camphor	QuaF		0.0440		78.3	100	-21.7	50.0
Naphthalene	QuaF		2.317		17.7	20.0	-11.4	50.0
1,2,3-Trichlorobenzene	Ave	1.207	1.265		21.0	20.0	4.8	50.0
Dibromofluoromethane (Surr)	Ave	0.2198	0.2255		51.3	50.0	2.6	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1915	0.1723		45.0	50.0	-10.0	50.0
Toluene-d8 (Surr)	Ave	1.727	1.536		44.5	50.0	-11.1	50.0
Bromofluorobenzene	Ave	0.7349	0.7136		48.6	50.0	-2.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212239/2 Calibration Date: 03/12/2014 21:02

Instrument ID: CVOAMS8 Calib Start Date: 03/09/2014 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/09/2014 13:34

Lab File ID: J09913.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3056	0.3199		20.9	20.0	4.7	50.0
Chloromethane	Ave	0.3542	0.3329	0.1000	18.8	20.0	-6.0	50.0
Vinyl chloride	Ave	0.2578	0.2565		19.9	20.0	-0.5	20.0
Butadiene	Ave	0.2331	0.2282		19.6	20.0	-2.1	50.0
Bromomethane	QuaF		0.1574		22.0	20.0	10.2	50.0
Chloroethane	QuaF		6.204		31.4	20.0	57.1*	50.0
Dichlorofluoromethane	Ave	0.3953	0.3709		18.8	20.0	-6.2	50.0
Trichlorofluoromethane	Ave	0.3180	0.3237		20.4	20.0	1.8	50.0
n-Pentane	Ave	0.8380	1.423		67.9	40.0	69.9*	50.0
Ethanol	QuaF		0.0179		639	1000	-36.1	50.0
Ethyl ether	QuaF		0.2016		24.4	20.0	21.9	50.0
Isopropene	Ave	0.2043	0.2652		26.0	20.0	29.8	50.0
Freon TF	QuaF		0.2453		20.8	20.0	3.8	50.0
Acrolein	QuaF		0.3092		29.9	40.0	-25.2	50.0
1,1-Dichloroethene	Ave	0.2049	0.2270		22.2	20.0	10.8	20.0
Acetone	QuaF		3.678		121	100	21.5	50.0
Iodomethane	Ave	0.3501	0.3882		22.2	20.0	10.9	50.0
Isopropanol	Ave	0.5565	0.3929		141	200	-29.4	50.0
Carbon disulfide	Ave	0.6849	0.7526		22.0	20.0	9.9	50.0
Allyl chloride	Ave	0.1370	0.1423		20.8	20.0	3.9	50.0
Methyl acetate	Ave	0.2644	0.2524		95.5	100	-4.5	50.0
Cyclopentene	Ave	0.6524	0.7317		22.4	20.0	12.2	50.0
Acetonitrile	QuaF		1.825		251	200	25.3	50.0
Methylene Chloride	Ave	0.2483	0.2573		20.7	20.0	3.6	50.0
TBA	QuaF		0.8052		200	200	0.2	50.0
MTBE	Ave	0.7423	0.7146		19.3	20.0	-3.7	50.0
trans-1,2-Dichloroethene	Ave	0.2271	0.2469		21.7	20.0	8.7	50.0
Acrylonitrile	Ave	0.1097	0.1061		193	200	-3.3	50.0
Hexane	QuaF		0.3133		23.2	20.0	15.9	50.0
DIPE	Ave	0.999	1.002		20.1	20.0	0.4	50.0
1,1-Dichloroethane	Ave	0.4821	0.4962	0.1000	20.6	20.0	2.9	50.0
Vinyl acetate	Ave	0.5289	0.5732		43.4	40.0	8.4	50.0
Allyl alcohol	Ave	0.1239	0.0652		263	500	-47.4	50.0
2-Chloro-1,3-butadiene	Ave	0.2147	0.2128		19.8	20.0	-0.9	50.0
Tert-butyl ethyl ether	Ave	0.8390	0.8307		19.8	20.0	-1.0	50.0
2,2-Dichloropropane	Ave	0.3545	0.3683		20.8	20.0	3.9	50.0
cis-1,2-Dichloroethene	Ave	0.2612	0.2677		20.5	20.0	2.5	50.0
2-Butanone	QuaF		1.170		129	100	29.5	50.0
Ethyl acetate	Ave	0.6420	0.5675		35.4	40.0	-11.6	50.0
Methyl acrylate	Ave	0.2823	0.2430		17.2	20.0	-13.9	50.0
Propionitrile	Ave	1.282	1.680		262	200	31.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212239/2 Calibration Date: 03/12/2014 21:02

Instrument ID: CVOAMS8 Calib Start Date: 03/09/2014 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/09/2014 13:34

Lab File ID: J09913.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrahydrofuran	Ave	1.038	1.428		55.0	40.0	37.5	50.0
Bromochloromethane	Ave	0.1267	0.1332		21.0	20.0	5.1	50.0
Methacrylonitrile	Ave	0.1147	0.1121		196	200	-2.2	50.0
Chloroform	Ave	0.4349	0.4686		21.5	20.0	7.7	20.0
Cyclohexane	QuaF		0.4330		20.5	20.0	2.7	50.0
1,1,1-Trichloroethane	Ave	0.3330	0.3662		22.0	20.0	10.0	50.0
Carbon tetrachloride	QuaF		0.2602		18.2	20.0	-9.2	50.0
1,1-Dichloropropene	Ave	0.2948	0.3309		22.4	20.0	12.2	50.0
Isobutyl alcohol	QuaF		0.2972		363	500	-27.5	50.0
Benzene	Ave	1.107	1.209		21.8	20.0	9.2	50.0
Isopropyl acetate	Ave	0.8944	0.8114		18.1	20.0	-9.3	50.0
Tert-amyl methyl ether	Ave	0.7160	0.7018		19.6	20.0	-2.0	50.0
1,2-Dichloroethane	Ave	0.3687	0.3891		21.1	20.0	5.5	50.0
n-Heptane	QuaF		0.1244		23.0	20.0	15.1	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.4163	0.4822		46.3	40.0	15.8	50.0
n-Butanol	Ave	0.1921	0.1164		303	500	-39.4	50.0
Trichloroethene	Ave	0.2387	0.2627		22.0	20.0	10.1	50.0
Ethyl acrylate	Ave	0.5656	0.6215		22.0	20.0	9.9	50.0
Methylcyclohexane	QuaF		0.3149		21.1	20.0	5.3	50.0
1,2-Dichloropropane	Ave	0.2659	0.2818		21.2	20.0	6.0	20.0
Methyl methacrylate	Ave	0.0745	0.0682		36.6	40.0	-8.5	50.0
1,4-Dioxane	Ave	0.8475	0.5502		260	400	-35.1	50.0
Propyl acetate	Ave	0.5184	0.4430		17.1	20.0	-14.6	50.0
Dibromomethane	Ave	0.1564	0.1575		20.1	20.0	0.7	50.0
Bromodichloromethane	Ave	0.3017	0.2983		19.8	20.0	-1.1	50.0
2-Chloroethyl vinyl ether	Ave	0.2006	0.1925		19.2	20.0	-4.1	50.0
2-Nitropropane	QuaF		0.0293		21.1	40.0	-47.2	50.0
Epichlorohydrin	Ave	0.0303	0.0240		318	400	-20.6	50.0
cis-1,3-Dichloropropene	Ave	0.4757	0.4694		19.7	20.0	-1.3	50.0
4-Methyl-2-pentanone	Ave	0.3635	0.3278		90.2	100	-9.8	50.0
Toluene	Ave	1.123	1.238		22.1	20.0	10.3	20.0
trans-1,3-Dichloropropene	Ave	0.4178	0.3974		19.0	20.0	-4.9	50.0
Ethyl methacrylate	Ave	0.3372	0.3052		18.1	20.0	-9.5	50.0
1,1,2-Trichloroethane	Ave	0.2270	0.2358		20.8	20.0	3.9	50.0
Tetrachloroethene	Ave	0.2628	0.3128		23.8	20.0	19.0	50.0
1,3-Dichloropropane	Ave	0.4673	0.4572		19.6	20.0	-2.2	50.0
2-Hexanone	Ave	3.022	4.059		134	100	34.3	50.0
Butyl acetate	Ave	0.5248	0.4321		16.5	20.0	-17.7	50.0
Dibromochloromethane	QuaF		0.2335		18.1	20.0	-9.5	50.0
1,2-Dibromoethane	Ave	0.2831	0.2702		19.1	20.0	-4.5	50.0
Chlorobenzene	Ave	0.7588	0.8032	0.3000	21.2	20.0	5.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212239/2 Calibration Date: 03/12/2014 21:02

Instrument ID: CVOAMS8 Calib Start Date: 03/09/2014 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/09/2014 13:34

Lab File ID: J09913.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylbenzene	Ave	0.3862	0.4156		21.5	20.0	7.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2466	0.2376		19.3	20.0	-3.6	50.0
m&p-Xylene	Ave	0.4879	0.5231		21.4	20.0	7.2	50.0
Butyl acrylate	Ave	0.2311	0.1989		17.2	20.0	-13.9	50.0
o-Xylene	Ave	0.4808	0.5201		21.6	20.0	8.2	50.0
Styrene	Ave	0.8528	0.9173		21.5	20.0	7.6	50.0
Amly acetate	Ave	1.085	0.9561		17.6	20.0	-11.9	50.0
Bromoform	QuaF		0.1313	0.1000	15.6	20.0	-22.0	50.0
Isopropylbenzene	Ave	1.059	1.251		23.6	20.0	18.1	50.0
Camphene, Total	Ave	0.0911	0.0941		20.7	20.0	3.3	50.0
Monobromobenzene	Ave	0.5650	0.6167		21.8	20.0	9.2	50.0
1,1,2,2-Tetrachloroethane	Ave	0.6027	0.5795	0.3000	19.2	20.0	-3.9	50.0
N-Propylbenzene	Ave	2.070	2.465		23.8	20.0	19.1	50.0
1,2,3-Trichloropropane	Ave	0.1792	0.1637		18.3	20.0	-8.7	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2150	0.1777		16.5	20.0	-17.4	50.0
2-Chlorotoluene	Ave	1.622	1.758		21.7	20.0	8.3	50.0
p-Ethyltoluene	Ave	1.986	2.151		21.7	20.0	8.3	50.0
1,3,5-Trimethylbenzene	Ave	1.502	1.763		23.5	20.0	17.4	50.0
4-Chlorotoluene	Ave	1.507	1.647		21.9	20.0	9.3	50.0
Butyl Methacrylate	Ave	0.6510	0.5945		18.3	20.0	-8.7	50.0
tert-Butylbenzene	Ave	1.168	1.370		23.5	20.0	17.3	50.0
1,2,4-Trimethylbenzene	Ave	1.626	1.860		22.9	20.0	14.4	50.0
sec-Butylbenzene	Ave	1.528	1.896		24.8	20.0	24.1	50.0
p-Isopropyltoluene	Ave	1.431	1.718		24.0	20.0	20.0	50.0
1,3-Dichlorobenzene	Ave	1.052	1.144		21.8	20.0	8.8	50.0
1,4-Dichlorobenzene	Ave	1.098	1.167		21.3	20.0	6.3	50.0
Benzyl chloride	Ave	1.070	0.8511		15.9	20.0	-20.5	50.0
Indan	Ave	1.877	1.982		21.1	20.0	5.6	50.0
p-Diethylbenzene	Ave	0.9669	1.005		20.8	20.0	4.0	50.0
n-Butylbenzene	Ave	1.500	1.809		24.1	20.0	20.6	50.0
1,2-Dichlorobenzene	Ave	1.073	1.126		21.0	20.0	5.0	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.565	1.704		21.8	20.0	8.9	50.0
1,2-Dibromo-3-Chloropropane	QuaF		0.1035		15.2	20.0	-23.8	50.0
Camphor	Ave	0.0702	0.0458		65.2	100	-34.8	50.0
1,2,4-Trichlorobenzene	Ave	0.6813	0.7132		20.9	20.0	4.7	50.0
Hexachlorobutadiene	Ave	0.1994	0.2236		22.4	20.0	12.1	50.0
Naphthalene	Ave	1.953	1.936		19.8	20.0	-0.9	50.0
1,2,3-Trichlorobenzene	Ave	0.6243	0.6356		20.4	20.0	1.8	50.0
Dibromofluoromethane (Surr)	Ave	0.2748	0.2717		49.4	50.0	-1.1	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3756	0.3654		48.6	50.0	-2.7	50.0
Toluene-d8 (Surr)	Ave	1.227	1.212		49.4	50.0	-1.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212239/2 Calibration Date: 03/12/2014 21:02

Instrument ID: CVOAMS8 Calib Start Date: 03/09/2014 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/09/2014 13:34

Lab File ID: J09913.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromofluorobenzene	Ave	0.4284	0.4154		48.5	50.0	-3.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212315/3 Calibration Date: 03/13/2014 08:57

Instrument ID: CVOAMS8 Calib Start Date: 03/09/2014 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/09/2014 13:34

Lab File ID: J09937.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3056	0.2994		19.6	20.0	-2.0	50.0
Chloromethane	Ave	0.3542	0.3801	0.1000	21.5	20.0	7.3	50.0
Vinyl chloride	Ave	0.2578	0.2809		21.8	20.0	8.9	20.0
Butadiene	Ave	0.2331	0.2412		20.7	20.0	3.5	50.0
Bromomethane	QuaF		0.1671		23.4	20.0	17.2	50.0
Chloroethane	QuaF		5.841		29.6	20.0	47.8	50.0
Dichlorofluoromethane	Ave	0.3953	0.4251		21.5	20.0	7.5	50.0
Trichlorofluoromethane	Ave	0.3180	0.3192		20.1	20.0	0.4	50.0
n-Pentane	Ave	0.8380	1.111		53.0	40.0	32.6	50.0
Ethanol	QuaF		0.0500		1790	1000	79.1*	50.0
Ethyl ether	QuaF		0.1942		23.5	20.0	17.4	50.0
Isopropene	Ave	0.2043	0.1938		19.0	20.0	-5.2	50.0
Acrolein	QuaF		0.3209		31.1	40.0	-22.3	50.0
Freon TF	QuaF		0.1897		16.1	20.0	-19.7	50.0
1,1-Dichloroethene	Ave	0.2049	0.1844		18.0	20.0	-10.0	20.0
Acetone	QuaF		3.852		127	100	27.3	50.0
Iodomethane	Ave	0.3501	0.3857		22.0	20.0	10.2	50.0
Carbon disulfide	Ave	0.6849	0.7241		21.1	20.0	5.7	50.0
Isopropanol	Ave	0.5565	0.6882		247	200	23.7	50.0
Allyl chloride	Ave	0.1370	0.1440		21.0	20.0	5.1	50.0
Methyl acetate	Ave	0.2644	0.2914		110	100	10.2	50.0
Cyclopentene	Ave	0.6524	0.6403		19.6	20.0	-1.9	50.0
Acetonitrile	QuaF		2.062		284	200	41.8	50.0
Methylene Chloride	Ave	0.2483	0.2651		21.4	20.0	6.8	50.0
TBA	QuaF		1.060		264	200	32.1	50.0
MTBE	Ave	0.7423	0.7984		21.5	20.0	7.6	50.0
trans-1,2-Dichloroethene	Ave	0.2271	0.2395		21.1	20.0	5.5	50.0
Acrylonitrile	Ave	0.1097	0.1211		221	200	10.3	50.0
Hexane	QuaF		0.2685		19.9	20.0	-0.7	50.0
DIPE	Ave	0.999	1.070		21.4	20.0	7.1	50.0
1,1-Dichloroethane	Ave	0.4821	0.5194	0.1000	21.5	20.0	7.7	50.0
Vinyl acetate	Ave	0.5289	0.6758		51.1	40.0	27.8	50.0
Allyl alcohol	Ave	0.1239	0.1462		590	500	17.9	50.0
2-Chloro-1,3-butadiene	Ave	0.2147	0.2109		19.7	20.0	-1.7	50.0
Tert-butyl ethyl ether	Ave	0.8390	0.8883		21.2	20.0	5.9	50.0
2,2-Dichloropropane	Ave	0.3545	0.3693		20.8	20.0	4.2	50.0
cis-1,2-Dichloroethene	Ave	0.2612	0.2723		20.8	20.0	4.2	50.0
Ethyl acetate	Ave	0.6420	0.6755		42.1	40.0	5.2	50.0
2-Butanone	QuaF		1.147		127	100	26.9	50.0
Methyl acrylate	Ave	0.2823	0.2859		20.3	20.0	1.3	50.0
Propionitrile	Ave	1.282	1.755		274	200	36.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212315/3 Calibration Date: 03/13/2014 08:57

Instrument ID: CVOAMS8 Calib Start Date: 03/09/2014 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/09/2014 13:34

Lab File ID: J09937.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromochloromethane	Ave	0.1267	0.1423		22.5	20.0	12.4	50.0
Tetrahydrofuran	Ave	1.038	1.489		57.3	40.0	43.4	50.0
Methacrylonitrile	Ave	0.1147	0.1253		219	200	9.3	50.0
Chloroform	Ave	0.4349	0.4737		21.8	20.0	8.9	20.0
Cyclohexane	QuaF		0.3775		17.9	20.0	-10.4	50.0
1,1,1-Trichloroethane	Ave	0.3330	0.3563		21.4	20.0	7.0	50.0
Carbon tetrachloride	QuaF		0.2375		16.6	20.0	-17.1	50.0
1,1-Dichloropropene	Ave	0.2948	0.3097		21.0	20.0	5.1	50.0
Isobutyl alcohol	QuaF		0.4768		581	500	16.2	50.0
Benzene	Ave	1.107	1.217		22.0	20.0	10.0	50.0
Isopropyl acetate	Ave	0.8944	0.9119		20.4	20.0	2.0	50.0
Tert-amyl methyl ether	Ave	0.7160	0.7830		21.9	20.0	9.4	50.0
1,2-Dichloroethane	Ave	0.3687	0.4059		22.0	20.0	10.1	50.0
n-Heptane	QuaF		0.1384		25.6	20.0	28.0	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.4163	0.4346		41.8	40.0	4.4	50.0
n-Butanol	Ave	0.1921	0.2253		586	500	17.3	50.0
Trichloroethene	Ave	0.2387	0.2529		21.2	20.0	5.9	50.0
Ethyl acrylate	Ave	0.5656	0.6512		23.0	20.0	15.1	50.0
Methylcyclohexane	QuaF		0.2985		20.0	20.0	-0.2	50.0
1,2-Dichloropropane	Ave	0.2659	0.3001		22.6	20.0	12.8	20.0
Methyl methacrylate	Ave	0.0745	0.0784		42.1	40.0	5.2	50.0
1,4-Dioxane	Ave	0.8475	1.061		501	400	25.2	50.0
Propyl acetate	Ave	0.5184	0.5147		19.9	20.0	-0.7	50.0
Dibromomethane	Ave	0.1564	0.1811		23.2	20.0	15.8	50.0
Bromodichloromethane	Ave	0.3017	0.3217		21.3	20.0	6.6	50.0
2-Chloroethyl vinyl ether	Ave	0.2006	0.2025		20.2	20.0	0.9	50.0
2-Nitropropane	QuaF		0.0382		27.5	40.0	-31.3	50.0
Epichlorohydrin	Ave	0.0303	0.0313		413	400	3.2	50.0
cis-1,3-Dichloropropene	Ave	0.4757	0.5055		21.3	20.0	6.3	50.0
4-Methyl-2-pentanone	Ave	0.3635	0.3865		106	100	6.3	50.0
Toluene	Ave	1.123	1.223		21.8	20.0	8.9	20.0
trans-1,3-Dichloropropene	Ave	0.4178	0.4336		20.8	20.0	3.8	50.0
Ethyl methacrylate	Ave	0.3372	0.3463		20.5	20.0	2.7	50.0
1,1,2-Trichloroethane	Ave	0.2270	0.2491		22.0	20.0	9.8	50.0
Tetrachloroethene	Ave	0.2628	0.3030		23.1	20.0	15.3	50.0
1,3-Dichloropropane	Ave	0.4673	0.5038		21.6	20.0	7.8	50.0
2-Hexanone	Ave	3.022	4.143		137	100	37.1	50.0
Butyl acetate	Ave	0.5248	0.5136		19.6	20.0	-2.1	50.0
Dibromochloromethane	QuaF		0.2510		19.4	20.0	-2.8	50.0
1,2-Dibromoethane	Ave	0.2831	0.3010		21.3	20.0	6.3	50.0
Chlorobenzene	Ave	0.7588	0.8249	0.3000	21.7	20.0	8.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212315/3 Calibration Date: 03/13/2014 08:57

Instrument ID: CVOAMS8 Calib Start Date: 03/09/2014 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/09/2014 13:34

Lab File ID: J09937.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylbenzene	Ave	0.3862	0.4091		21.2	20.0	5.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2466	0.2451		19.9	20.0	-0.6	50.0
m&p-Xylene	Ave	0.4879	0.5707		23.4	20.0	17.0	50.0
Butyl acrylate	Ave	0.2311	0.2245		19.4	20.0	-2.8	50.0
o-Xylene	Ave	0.4808	0.5468		22.7	20.0	13.7	50.0
Styrene	Ave	0.8528	0.9343		21.9	20.0	9.6	50.0
Amly acetate	Ave	1.085	1.051		19.4	20.0	-3.1	50.0
Bromoform	QuaF		0.1461	0.1000	17.4	20.0	-13.2	50.0
Isopropylbenzene	Ave	1.059	1.190		22.5	20.0	12.3	50.0
Camphene, Total	Ave	0.0911	0.0856		18.8	20.0	-6.0	50.0
Monobromobenzene	Ave	0.5650	0.6353		22.5	20.0	12.4	50.0
1,1,2,2-Tetrachloroethane	Ave	0.6027	0.6614	0.3000	21.9	20.0	9.7	50.0
N-Propylbenzene	Ave	2.070	2.412		23.3	20.0	16.5	50.0
1,2,3-Trichloropropane	Ave	0.1792	0.1944		21.7	20.0	8.4	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2150	0.2109		19.6	20.0	-1.9	50.0
2-Chlorotoluene	Ave	1.622	1.786		22.0	20.0	10.1	50.0
p-Ethyltoluene	Ave	1.986	2.207		22.2	20.0	11.1	50.0
1,3,5-Trimethylbenzene	Ave	1.502	1.734		23.1	20.0	15.4	50.0
4-Chlorotoluene	Ave	1.507	1.675		22.2	20.0	11.2	50.0
Butyl Methacrylate	Ave	0.6510	0.6444		19.8	20.0	-1.0	50.0
tert-Butylbenzene	Ave	1.168	1.318		22.6	20.0	12.8	50.0
1,2,4-Trimethylbenzene	Ave	1.626	1.889		23.2	20.0	16.2	50.0
sec-Butylbenzene	Ave	1.528	1.861		24.4	20.0	21.8	50.0
1,3-Dichlorobenzene	Ave	1.052	1.173		22.3	20.0	11.6	50.0
p-Isopropyltoluene	Ave	1.431	1.729		24.2	20.0	20.8	50.0
1,4-Dichlorobenzene	Ave	1.098	1.182		21.5	20.0	7.6	50.0
Benzyl chloride	Ave	1.070	1.028		19.2	20.0	-3.9	50.0
Indan	Ave	1.877	2.074		22.1	20.0	10.5	50.0
p-Diethylbenzene	Ave	0.9669	1.004		20.8	20.0	3.8	50.0
n-Butylbenzene	Ave	1.500	1.826		24.3	20.0	21.7	50.0
1,2-Dichlorobenzene	Ave	1.073	1.165		21.7	20.0	8.6	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.565	1.713		21.9	20.0	9.4	50.0
1,2-Dibromo-3-Chloropropane	QuaF		0.1173		17.3	20.0	-13.6	50.0
Camphor	Ave	0.0702	0.0682		97.1	100	-2.9	50.0
1,2,4-Trichlorobenzene	Ave	0.6813	0.7738		22.7	20.0	13.6	50.0
Hexachlorobutadiene	Ave	0.1994	0.2764		27.7	20.0	38.6	50.0
Naphthalene	Ave	1.953	2.229		22.8	20.0	14.1	50.0
1,2,3-Trichlorobenzene	Ave	0.6243	0.7141		22.9	20.0	14.4	50.0
Dibromofluoromethane (Surr)	Ave	0.2748	0.2736		49.8	50.0	-0.4	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3756	0.3636		48.4	50.0	-3.2	50.0
Toluene-d8 (Surr)	Ave	1.227	1.220		49.7	50.0	-0.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212315/3 Calibration Date: 03/13/2014 08:57

Instrument ID: CVOAMS8 Calib Start Date: 03/09/2014 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/09/2014 13:34

Lab File ID: J09937.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromofluorobenzene	Ave	0.4284	0.4212		49.2	50.0	-1.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212509/2 Calibration Date: 03/13/2014 21:43

Instrument ID: CVOAMS8 Calib Start Date: 03/09/2014 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/09/2014 13:34

Lab File ID: J09963.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3056	0.3338		21.8	20.0	9.2	50.0
Chloromethane	Ave	0.3542	0.3841	0.1000	21.7	20.0	8.4	50.0
Vinyl chloride	Ave	0.2578	0.2923		22.7	20.0	13.4	20.0
Butadiene	Ave	0.2331	0.2527		21.7	20.0	8.4	50.0
Bromomethane	QuaF		0.1570		22.0	20.0	9.9	50.0
Chloroethane	QuaF		6.611		33.5	20.0	67.5*	50.0
Dichlorofluoromethane	Ave	0.3953	0.4144		21.0	20.0	4.8	50.0
Trichlorofluoromethane	Ave	0.3180	0.3297		20.7	20.0	3.7	50.0
n-Pentane	Ave	0.8380	1.323		63.2	40.0	57.9*	50.0
Ethanol	QuaF		0.0257		918	1000	-8.2	50.0
Ethyl ether	QuaF		0.1945		23.5	20.0	17.5	50.0
Isopropene	Ave	0.2043	0.2601		25.5	20.0	27.3	50.0
Freon TF	QuaF		0.2002		16.9	20.0	-15.3	50.0
Acrolein	QuaF		0.9921		100	40.0	150.9*	50.0
1,1-Dichloroethene	Ave	0.2049	0.2099		20.5	20.0	2.4	20.0
Acetone	QuaF		3.439		114	100	13.5	50.0
Iodomethane	Ave	0.3501	0.3840		21.9	20.0	9.7	50.0
Carbon disulfide	Ave	0.6849	0.7147		20.9	20.0	4.3	50.0
Isopropanol	Ave	0.5565	0.3745		135	200	-32.7	50.0
Allyl chloride	Ave	0.1370	0.1343		19.6	20.0	-1.9	50.0
Methyl acetate	Ave	0.2644	0.2549		96.4	100	-3.6	50.0
Cyclopentene	Ave	0.6524	0.7095		21.8	20.0	8.8	50.0
Acetonitrile	QuaF		1.627		223	200	11.6	50.0
Methylene Chloride	Ave	0.2483	0.2677		21.6	20.0	7.8	50.0
TBA	QuaF		0.7243		180	200	-9.9	50.0
MTBE	Ave	0.7423	0.7483		20.2	20.0	0.8	50.0
trans-1,2-Dichloroethene	Ave	0.2271	0.2432		21.4	20.0	7.1	50.0
Acrylonitrile	Ave	0.1097	0.1098		200	200	0.0	50.0
Hexane	QuaF		0.2054		15.2	20.0	-24.1	50.0
DIPE	Ave	0.999	1.011		20.3	20.0	1.3	50.0
1,1-Dichloroethane	Ave	0.4821	0.5159	0.1000	21.4	20.0	7.0	50.0
Vinyl acetate	Ave	0.5289	0.6026		45.6	40.0	13.9	50.0
Allyl alcohol	Ave	0.1239	0.0730		294	500	-41.1	50.0
2-Chloro-1,3-butadiene	Ave	0.2147	0.2140		19.9	20.0	-0.3	50.0
Tert-butyl ethyl ether	Ave	0.8390	0.8045		19.2	20.0	-4.1	50.0
2,2-Dichloropropane	Ave	0.3545	0.3614		20.4	20.0	2.0	50.0
cis-1,2-Dichloroethene	Ave	0.2612	0.2650		20.3	20.0	1.5	50.0
2-Butanone	QuaF		1.099		122	100	21.6	50.0
Ethyl acetate	Ave	0.6420	0.5918		36.9	40.0	-7.8	50.0
Methyl acrylate	Ave	0.2823	0.2482		17.6	20.0	-12.1	50.0
Propionitrile	Ave	1.282	1.584		247	200	23.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212509/2 Calibration Date: 03/13/2014 21:43

Instrument ID: CVOAMS8 Calib Start Date: 03/09/2014 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/09/2014 13:34

Lab File ID: J09963.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromochloromethane	Ave	0.1267	0.1383		21.8	20.0	9.2	50.0
Tetrahydrofuran	Ave	1.038	1.342		51.7	40.0	29.3	50.0
Methacrylonitrile	Ave	0.1147	0.1117		195	200	-2.6	50.0
Chloroform	Ave	0.4349	0.4571		21.0	20.0	5.1	20.0
Cyclohexane	QuaF		0.3326		15.8	20.0	-21.1	50.0
1,1,1-Trichloroethane	Ave	0.3330	0.3356		20.2	20.0	0.8	50.0
Carbon tetrachloride	QuaF		0.2233		15.6	20.0	-22.1	50.0
1,1-Dichloropropene	Ave	0.2948	0.3077		20.9	20.0	4.4	50.0
Isobutyl alcohol	QuaF		0.3319		405	500	-19.0	50.0
Benzene	Ave	1.107	1.177		21.3	20.0	6.3	50.0
Isopropyl acetate	Ave	0.8944	0.8123		18.2	20.0	-9.2	50.0
Tert-amyl methyl ether	Ave	0.7160	0.6957		19.4	20.0	-2.8	50.0
1,2-Dichloroethane	Ave	0.3687	0.4001		21.7	20.0	8.5	50.0
n-Heptane	QuaF		0.0822		15.2	20.0	-24.1	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.4163	0.4260		40.9	40.0	2.3	50.0
n-Butanol	Ave	0.1921	0.1347		350	500	-29.9	50.0
Trichloroethene	Ave	0.2387	0.2491		20.9	20.0	4.4	50.0
Ethyl acrylate	Ave	0.5656	0.5410		19.1	20.0	-4.4	50.0
Methylcyclohexane	QuaF		0.2189		14.6	20.0	-26.9	50.0
1,2-Dichloropropane	Ave	0.2659	0.2837		21.3	20.0	6.7	20.0
Methyl methacrylate	Ave	0.0745	0.0661		35.5	40.0	-11.3	50.0
1,4-Dioxane	Ave	0.8475	0.5325		251	400	-37.2	50.0
Propyl acetate	Ave	0.5184	0.4474		17.3	20.0	-13.7	50.0
Dibromomethane	Ave	0.1564	0.1626		20.8	20.0	4.0	50.0
Bromodichloromethane	Ave	0.3017	0.3167		21.0	20.0	5.0	50.0
2-Chloroethyl vinyl ether	Ave	0.2006	0.1948		19.4	20.0	-2.9	50.0
2-Nitropropane	QuaF		0.0330		23.8	40.0	-40.6	50.0
Epichlorohydrin	Ave	0.0303	0.0269		355	400	-11.3	50.0
cis-1,3-Dichloropropene	Ave	0.4757	0.4862		20.4	20.0	2.2	50.0
4-Methyl-2-pentanone	Ave	0.3635	0.3476		95.6	100	-4.4	50.0
Toluene	Ave	1.123	1.187		21.1	20.0	5.7	20.0
trans-1,3-Dichloropropene	Ave	0.4178	0.4095		19.6	20.0	-2.0	50.0
Ethyl methacrylate	Ave	0.3372	0.3338		19.8	20.0	-1.0	50.0
1,1,2-Trichloroethane	Ave	0.2270	0.2417		21.3	20.0	6.5	50.0
Tetrachloroethene	Ave	0.2628	0.2677		20.4	20.0	1.9	50.0
1,3-Dichloropropane	Ave	0.4673	0.4856		20.8	20.0	3.9	50.0
2-Hexanone	Ave	3.022	4.075		135	100	34.8	50.0
Butyl acetate	Ave	0.5248	0.4599		17.5	20.0	-12.4	50.0
Dibromochloromethane	QuaF		0.2328		18.0	20.0	-9.8	50.0
1,2-Dibromoethane	Ave	0.2831	0.2752		19.4	20.0	-2.8	50.0
Chlorobenzene	Ave	0.7588	0.7732	0.3000	20.4	20.0	1.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212509/2 Calibration Date: 03/13/2014 21:43

Instrument ID: CVOAMS8 Calib Start Date: 03/09/2014 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/09/2014 13:34

Lab File ID: J09963.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylbenzene	Ave	0.3862	0.3754		19.4	20.0	-2.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2466	0.2366		19.2	20.0	-4.0	50.0
m&p-Xylene	Ave	0.4879	0.4715		19.3	20.0	-3.4	50.0
Butyl acrylate	Ave	0.2311	0.1983		17.2	20.0	-14.2	50.0
o-Xylene	Ave	0.4808	0.4718		19.6	20.0	-1.9	50.0
Styrene	Ave	0.8528	0.8634		20.2	20.0	1.2	50.0
Amly acetate	Ave	1.085	1.014		18.7	20.0	-6.5	50.0
Bromoform	QuaF		0.1384	0.1000	16.4	20.0	-17.8	50.0
Isopropylbenzene	Ave	1.059	1.019		19.2	20.0	-3.8	50.0
Camphene, Total	Ave	0.0911	0.0856		18.8	20.0	-6.0	50.0
Monobromobenzene	Ave	0.5650	0.6378		22.6	20.0	12.9	50.0
1,1,2,2-Tetrachloroethane	Ave	0.6027	0.6271	0.3000	20.8	20.0	4.1	50.0
N-Propylbenzene	Ave	2.070	2.085		20.1	20.0	0.7	50.0
1,2,3-Trichloropropane	Ave	0.1792	0.1870		20.9	20.0	4.3	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2150	0.1941		18.1	20.0	-9.7	50.0
2-Chlorotoluene	Ave	1.622	1.630		20.1	20.0	0.5	50.0
p-Ethyltoluene	Ave	1.986	1.996		20.1	20.0	0.5	50.0
1,3,5-Trimethylbenzene	Ave	1.502	1.491		19.9	20.0	-0.7	50.0
4-Chlorotoluene	Ave	1.507	1.555		20.6	20.0	3.2	50.0
Butyl Methacrylate	Ave	0.6510	0.6137		18.9	20.0	-5.7	50.0
tert-Butylbenzene	Ave	1.168	1.076		18.4	20.0	-7.9	50.0
1,2,4-Trimethylbenzene	Ave	1.626	1.662		20.4	20.0	2.2	50.0
sec-Butylbenzene	Ave	1.528	1.423		18.6	20.0	-6.9	50.0
p-Isopropyltoluene	Ave	1.431	1.318		18.4	20.0	-7.9	50.0
1,3-Dichlorobenzene	Ave	1.052	1.094		20.8	20.0	4.1	50.0
1,4-Dichlorobenzene	Ave	1.098	1.152		21.0	20.0	5.0	50.0
Benzyl chloride	Ave	1.070	0.9165		17.1	20.0	-14.4	50.0
Indan	Ave	1.877	1.975		21.0	20.0	5.2	50.0
p-Diethylbenzene	Ave	0.9669	0.9313		19.3	20.0	-3.7	50.0
n-Butylbenzene	Ave	1.500	1.428		19.0	20.0	-4.8	50.0
1,2-Dichlorobenzene	Ave	1.073	1.088		20.3	20.0	1.4	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.565	1.611		20.6	20.0	2.9	50.0
1,2-Dibromo-3-Chloropropane	QuaF		0.1015		15.0	20.0	-25.2	50.0
Camphor	Ave	0.0702	0.0655		93.2	100	-6.8	50.0
1,2,4-Trichlorobenzene	Ave	0.6813	0.6526		19.2	20.0	-4.2	50.0
Hexachlorobutadiene	Ave	0.1994	0.1581		15.9	20.0	-20.7	50.0
Naphthalene	Ave	1.953	1.915		19.6	20.0	-2.0	50.0
1,2,3-Trichlorobenzene	Ave	0.6243	0.5826		18.7	20.0	-6.7	50.0
Dibromofluoromethane (Surr)	Ave	0.2748	0.2790		50.8	50.0	1.5	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3756	0.3708		49.4	50.0	-1.3	50.0
Toluene-d8 (Surr)	Ave	1.227	1.239		50.5	50.0	0.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212509/2 Calibration Date: 03/13/2014 21:43

Instrument ID: CVOAMS8 Calib Start Date: 03/09/2014 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/09/2014 13:34

Lab File ID: J09963.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromofluorobenzene	Ave	0.4284	0.4164		48.6	50.0	-2.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212770/2 Calibration Date: 03/14/2014 23:04

Instrument ID: CVOAMS8 Calib Start Date: 03/09/2014 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/09/2014 13:34

Lab File ID: J10016.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3056	0.3289		21.5	20.0	7.6	50.0
Chloromethane	Ave	0.3542	0.3597	0.1000	20.3	20.0	1.6	50.0
Vinyl chloride	Ave	0.2578	0.2742		21.3	20.0	6.3	20.0
Butadiene	Ave	0.2331	0.2355		20.2	20.0	1.0	50.0
Bromomethane	QuaF		0.1710		24.0	20.0	19.9	50.0
Chloroethane	QuaF		5.987		30.3	20.0	51.5*	50.0
Dichlorofluoromethane	Ave	0.3953	0.3878		19.6	20.0	-1.9	50.0
Trichlorofluoromethane	Ave	0.3180	0.3137		19.7	20.0	-1.3	50.0
n-Pentane	Ave	0.8380	1.121		53.5	40.0	33.8	50.0
Ethanol	QuaF		0.0254		905	1000	-9.5	50.0
Ethyl ether	QuaF		0.1737		21.0	20.0	4.9	50.0
Isopropene	Ave	0.2043	0.2262		22.1	20.0	10.7	50.0
Freon TF	QuaF		0.2012		17.0	20.0	-14.9	50.0
Acrolein	QuaF		0.6877		68.2	40.0	70.4*	50.0
1,1-Dichloroethene	Ave	0.2049	0.2051		20.0	20.0	0.1	20.0
Acetone	QuaF		3.297		109	100	8.8	50.0
Iodomethane	Ave	0.3501	0.3660		20.9	20.0	4.6	50.0
Carbon disulfide	Ave	0.6849	0.6889		20.1	20.0	0.6	50.0
Isopropanol	Ave	0.5565	0.3610		130	200	-35.1	50.0
Allyl chloride	Ave	0.1370	0.1298		19.0	20.0	-5.2	50.0
Methyl acetate	Ave	0.2644	0.2539		96.0	100	-4.0	50.0
Cyclopentene	Ave	0.6524	0.6328		19.4	20.0	-3.0	50.0
Acetonitrile	QuaF		1.496		205	200	2.6	50.0
Methylene Chloride	Ave	0.2483	0.2364		19.0	20.0	-4.8	50.0
TBA	QuaF		0.7186		179	200	-10.6	50.0
MTBE	Ave	0.7423	0.7005		18.9	20.0	-5.6	50.0
trans-1,2-Dichloroethene	Ave	0.2271	0.2259		19.9	20.0	-0.5	50.0
Acrylonitrile	Ave	0.1097	0.1037		189	200	-5.5	50.0
Hexane	QuaF		0.2231		16.5	20.0	-17.6	50.0
DIPE	Ave	0.999	0.8984		18.0	20.0	-10.0	50.0
1,1-Dichloroethane	Ave	0.4821	0.4781	0.1000	19.8	20.0	-0.8	50.0
Vinyl acetate	Ave	0.5289	0.5828		44.1	40.0	10.2	50.0
Allyl alcohol	Ave	0.1239	0.0610		246	500	-50.8*	50.0
2-Chloro-1,3-butadiene	Ave	0.2147	0.1963		18.3	20.0	-8.5	50.0
Tert-butyl ethyl ether	Ave	0.8390	0.7400		17.6	20.0	-11.8	50.0
2,2-Dichloropropane	Ave	0.3545	0.3506		19.8	20.0	-1.1	50.0
cis-1,2-Dichloroethene	Ave	0.2612	0.2636		20.2	20.0	0.9	50.0
2-Butanone	QuaF		1.027		113	100	13.5	50.0
Ethyl acetate	Ave	0.6420	0.5476		34.1	40.0	-14.7	50.0
Methyl acrylate	Ave	0.2823	0.2283		16.2	20.0	-19.1	50.0
Propionitrile	Ave	1.282	1.428		223	200	11.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212770/2 Calibration Date: 03/14/2014 23:04

Instrument ID: CVOAMS8 Calib Start Date: 03/09/2014 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/09/2014 13:34

Lab File ID: J10016.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromochloromethane	Ave	0.1267	0.1291		20.4	20.0	1.9	50.0
Tetrahydrofuran	Ave	1.038	1.345		51.8	40.0	29.5	50.0
Methacrylonitrile	Ave	0.1147	0.1030		180	200	-10.2	50.0
Chloroform	Ave	0.4349	0.4273		19.6	20.0	-1.8	20.0
Cyclohexane	QuaF		0.3435		16.3	20.0	-18.5	50.0
1,1,1-Trichloroethane	Ave	0.3330	0.3317		19.9	20.0	-0.4	50.0
Carbon tetrachloride	QuaF		0.2323		16.2	20.0	-18.9	50.0
1,1-Dichloropropene	Ave	0.2948	0.2914		19.8	20.0	-1.1	50.0
Isobutyl alcohol	QuaF		0.3147		384	500	-23.2	50.0
Benzene	Ave	1.107	1.125		20.3	20.0	1.7	50.0
Isopropyl acetate	Ave	0.8944	0.7549		16.9	20.0	-15.6	50.0
Tert-amyl methyl ether	Ave	0.7160	0.6334		17.7	20.0	-11.5	50.0
1,2-Dichloroethane	Ave	0.3687	0.3636		19.7	20.0	-1.4	50.0
n-Heptane	QuaF		0.0962		17.8	20.0	-11.1	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.4163	0.3530		33.9	40.0	-15.2	50.0
n-Butanol	Ave	0.1921	0.1204		313	500	-37.3	50.0
Trichloroethene	Ave	0.2387	0.2355		19.7	20.0	-1.3	50.0
Ethyl acrylate	Ave	0.5656	0.5152		18.2	20.0	-8.9	50.0
Methylcyclohexane	QuaF		0.2206		14.7	20.0	-26.3	50.0
1,2-Dichloropropane	Ave	0.2659	0.2624		19.7	20.0	-1.3	20.0
Methyl methacrylate	Ave	0.0745	0.0635		34.1	40.0	-14.7	50.0
1,4-Dioxane	Ave	0.8475	0.5465		258	400	-35.5	50.0
Dibromomethane	Ave	0.1564	0.1521		19.5	20.0	-2.7	50.0
Propyl acetate	Ave	0.5184	0.4146		16.0	20.0	-20.0	50.0
Bromodichloromethane	Ave	0.3017	0.2966		19.7	20.0	-1.7	50.0
2-Chloroethyl vinyl ether	Ave	0.2006	0.1704		17.0	20.0	-15.1	50.0
2-Nitropropane	QuaF		0.0372		26.8	40.0	-33.1	50.0
Epichlorohydrin	Ave	0.0303	0.0246		325	400	-18.6	50.0
cis-1,3-Dichloropropene	Ave	0.4757	0.4626		19.4	20.0	-2.8	50.0
4-Methyl-2-pentanone	Ave	0.3635	0.3319		91.3	100	-8.7	50.0
Toluene	Ave	1.123	1.115		19.9	20.0	-0.7	20.0
trans-1,3-Dichloropropene	Ave	0.4178	0.3962		19.0	20.0	-5.2	50.0
Ethyl methacrylate	Ave	0.3372	0.2938		17.4	20.0	-12.9	50.0
1,1,2-Trichloroethane	Ave	0.2270	0.2249		19.8	20.0	-0.9	50.0
Tetrachloroethene	Ave	0.2628	0.2613		19.9	20.0	-0.6	50.0
1,3-Dichloropropane	Ave	0.4673	0.4464		19.1	20.0	-4.5	50.0
2-Hexanone	Ave	3.022	3.596		119	100	19.0	50.0
Butyl acetate	Ave	0.5248	0.4171		15.9	20.0	-20.5	50.0
Dibromochloromethane	QuaF		0.2352		18.2	20.0	-8.9	50.0
1,2-Dibromoethane	Ave	0.2831	0.2678		18.9	20.0	-5.4	50.0
Chlorobenzene	Ave	0.7588	0.7391	0.3000	19.5	20.0	-2.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212770/2 Calibration Date: 03/14/2014 23:04

Instrument ID: CVOAMS8 Calib Start Date: 03/09/2014 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/09/2014 13:34

Lab File ID: J10016.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylbenzene	Ave	0.3862	0.3673		19.0	20.0	-4.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2466	0.2324		18.8	20.0	-5.8	50.0
m&p-Xylene	Ave	0.4879	0.4615		18.9	20.0	-5.4	50.0
Butyl acrylate	Ave	0.2311	0.1882		16.3	20.0	-18.5	50.0
o-Xylene	Ave	0.4808	0.4548		18.9	20.0	-5.4	50.0
Styrene	Ave	0.8528	0.8394		19.7	20.0	-1.6	50.0
Amly acetate	Ave	1.085	0.9710		17.9	20.0	-10.5	50.0
Bromoform	QuaF		0.1433	0.1000	17.0	20.0	-14.9	50.0
Isopropylbenzene	Ave	1.059	0.9946		18.8	20.0	-6.1	50.0
Camphene, Total	Ave	0.0911	0.0484		10.6	20.0	-46.8	50.0
Monobromobenzene	Ave	0.5650	0.5933		21.0	20.0	5.0	50.0
1,1,2,2-Tetrachloroethane	Ave	0.6027	0.6294	0.3000	20.9	20.0	4.4	50.0
N-Propylbenzene	Ave	2.070	2.015		19.5	20.0	-2.7	50.0
1,2,3-Trichloropropane	Ave	0.1792	0.1756		19.6	20.0	-2.1	50.0
2-Chlorotoluene	Ave	1.622	1.537		18.9	20.0	-5.3	50.0
p-Ethyltoluene	Ave	1.986	1.732		17.4	20.0	-12.8	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2150	0.0400		3.72	20.0	-81.4*	50.0
1,3,5-Trimethylbenzene	Ave	1.502	1.395		18.6	20.0	-7.1	50.0
4-Chlorotoluene	Ave	1.507	1.497		19.9	20.0	-0.7	50.0
Butyl Methacrylate	Ave	0.6510	0.5664		17.4	20.0	-13.0	50.0
tert-Butylbenzene	Ave	1.168	1.078		18.4	20.0	-7.8	50.0
1,2,4-Trimethylbenzene	Ave	1.626	1.608		19.8	20.0	-1.1	50.0
sec-Butylbenzene	Ave	1.528	1.460		19.1	20.0	-4.4	50.0
p-Isopropyltoluene	Ave	1.431	1.327		18.5	20.0	-7.3	50.0
1,3-Dichlorobenzene	Ave	1.052	0.9820		18.7	20.0	-6.6	50.0
1,4-Dichlorobenzene	Ave	1.098	1.040		18.9	20.0	-5.3	50.0
Benzyl chloride	Ave	1.070	0.8912		16.7	20.0	-16.7	50.0
Indan	Ave	1.877	1.700		18.1	20.0	-9.4	50.0
p-Diethylbenzene	Ave	0.9669	0.8165		16.9	20.0	-15.6	50.0
n-Butylbenzene	Ave	1.500	1.383		18.4	20.0	-7.8	50.0
1,2-Dichlorobenzene	Ave	1.073	1.032		19.2	20.0	-3.8	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.565	1.433		18.3	20.0	-8.5	50.0
1,2-Dibromo-3-Chloropropane	QuaF		0.1082		15.9	20.0	-20.3	50.0
Camphor	Ave	0.0702	0.0638		90.8	100	-9.2	50.0
1,2,4-Trichlorobenzene	Ave	0.6813	0.6063		17.8	20.0	-11.0	50.0
Hexachlorobutadiene	Ave	0.1994	0.1653		16.6	20.0	-17.1	50.0
Naphthalene	Ave	1.953	1.791		18.3	20.0	-8.3	50.0
1,2,3-Trichlorobenzene	Ave	0.6243	0.5373		17.2	20.0	-13.9	50.0
Dibromofluoromethane (Surr)	Ave	0.2748	0.2718		49.5	50.0	-1.1	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3756	0.3619		48.2	50.0	-3.6	50.0
Toluene-d8 (Surr)	Ave	1.227	1.227		50.0	50.0	-0.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212770/2 Calibration Date: 03/14/2014 23:04

Instrument ID: CVOAMS8 Calib Start Date: 03/09/2014 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/09/2014 13:34

Lab File ID: J10016.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromofluorobenzene	Ave	0.4284	0.4073		47.5	50.0	-4.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212905/2 Calibration Date: 03/16/2014 06:51

Instrument ID: CVOAMS8 Calib Start Date: 03/09/2014 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/09/2014 13:34

Lab File ID: J10062.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3056	0.2906		19.0	20.0	-4.9	50.0
Chloromethane	Ave	0.3542	0.3440	0.1000	19.4	20.0	-2.9	50.0
Vinyl chloride	Ave	0.2578	0.2705		21.0	20.0	4.9	20.0
Butadiene	Ave	0.2331	0.2295		19.7	20.0	-1.6	50.0
Bromomethane	QuaF		0.1210		16.9	20.0	-15.7	50.0
Chloroethane	QuaF		5.851		29.6	20.0	48.0	50.0
Dichlorofluoromethane	Ave	0.3953	0.3976		20.1	20.0	0.6	50.0
Trichlorofluoromethane	Ave	0.3180	0.3123		19.6	20.0	-1.8	50.0
n-Pentane	Ave	0.8380	1.078		51.5	40.0	28.6	50.0
Ethanol	QuaF		0.0334		1190	1000	19.3	50.0
Ethyl ether	QuaF		0.1675		20.2	20.0	1.2	50.0
Isopropene	Ave	0.2043	0.1872		18.3	20.0	-8.4	50.0
Freon TF	QuaF		0.2169		18.4	20.0	-8.2	50.0
Acrolein	QuaF		0.7139		70.9	40.0	77.2*	50.0
1,1-Dichloroethene	Ave	0.2049	0.2088		20.4	20.0	1.9	20.0
Acetone	QuaF		3.643		120	100	20.3	50.0
Iodomethane	Ave	0.3501	0.3734		21.3	20.0	6.7	50.0
Carbon disulfide	Ave	0.6849	0.7006		20.5	20.0	2.3	50.0
Isopropanol	Ave	0.5565	0.4998		180	200	-10.2	50.0
Allyl chloride	Ave	0.1370	0.1379		20.1	20.0	0.7	50.0
Methyl acetate	Ave	0.2644	0.2547		96.3	100	-3.7	50.0
Cyclopentene	Ave	0.6524	0.6435		19.7	20.0	-1.4	50.0
Acetonitrile	QuaF		1.978		272	200	36.0	50.0
Methylene Chloride	Ave	0.2483	0.2492		20.1	20.0	0.4	50.0
TBA	QuaF		0.8284		206	200	3.1	50.0
MTBE	Ave	0.7423	0.6965		18.8	20.0	-6.2	50.0
trans-1,2-Dichloroethene	Ave	0.2271	0.2347		20.7	20.0	3.3	50.0
Acrylonitrile	Ave	0.1097	0.1103		201	200	0.5	50.0
Hexane	QuaF		0.2479		18.3	20.0	-8.4	50.0
DIPE	Ave	0.999	0.9572		19.2	20.0	-4.1	50.0
1,1-Dichloroethane	Ave	0.4821	0.5008	0.1000	20.8	20.0	3.9	50.0
Vinyl acetate	Ave	0.5289	0.6054		45.8	40.0	14.5	50.0
Allyl alcohol	Ave	0.1239	0.0972		392	500	-21.6	50.0
2-Chloro-1,3-butadiene	Ave	0.2147	0.2076		19.3	20.0	-3.3	50.0
Tert-butyl ethyl ether	Ave	0.8390	0.8009		19.1	20.0	-4.5	50.0
2,2-Dichloropropane	Ave	0.3545	0.3695		20.8	20.0	4.2	50.0
cis-1,2-Dichloroethene	Ave	0.2612	0.2566		19.6	20.0	-1.8	50.0
2-Butanone	QuaF		1.152		127	100	27.4	50.0
Ethyl acetate	Ave	0.6420	0.5994		37.3	40.0	-6.6	50.0
Methyl acrylate	Ave	0.2823	0.2495		17.7	20.0	-11.6	50.0
Propionitrile	Ave	1.282	1.652		258	200	28.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212905/2 Calibration Date: 03/16/2014 06:51

Instrument ID: CVOAMS8 Calib Start Date: 03/09/2014 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/09/2014 13:34

Lab File ID: J10062.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromochloromethane	Ave	0.1267	0.1286		20.3	20.0	1.5	50.0
Tetrahydrofuran	Ave	1.038	1.413		54.4	40.0	36.1	50.0
Methacrylonitrile	Ave	0.1147	0.1097		191	200	-4.4	50.0
Chloroform	Ave	0.4349	0.4379		20.1	20.0	0.7	20.0
Cyclohexane	QuaF		0.3671		17.4	20.0	-12.9	50.0
1,1,1-Trichloroethane	Ave	0.3330	0.3428		20.6	20.0	3.0	50.0
Carbon tetrachloride	QuaF		0.2449		17.1	20.0	-14.5	50.0
1,1-Dichloropropene	Ave	0.2948	0.3236		22.0	20.0	9.8	50.0
Isobutyl alcohol	QuaF		0.3606		440	500	-12.0	50.0
Benzene	Ave	1.107	1.161		21.0	20.0	4.9	50.0
Isopropyl acetate	Ave	0.8944	0.8120		18.2	20.0	-9.2	50.0
Tert-amyl methyl ether	Ave	0.7160	0.6834		19.1	20.0	-4.6	50.0
1,2-Dichloroethane	Ave	0.3687	0.3747		20.3	20.0	1.6	50.0
n-Heptane	QuaF		0.1174		21.7	20.0	8.5	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.4163	0.3519		33.8	40.0	-15.5	50.0
n-Butanol	Ave	0.1921	0.1720		448	500	-10.5	50.0
Trichloroethene	Ave	0.2387	0.2411		20.2	20.0	1.0	50.0
Ethyl acrylate	Ave	0.5656	0.5587		19.8	20.0	-1.2	50.0
Methylcyclohexane	QuaF		0.2657		17.8	20.0	-11.2	50.0
1,2-Dichloropropane	Ave	0.2659	0.2722		20.5	20.0	2.4	20.0
Methyl methacrylate	Ave	0.0745	0.0679		36.4	40.0	-8.9	50.0
1,4-Dioxane	Ave	0.8475	0.7716		364	400	-9.0	50.0
Propyl acetate	Ave	0.5184	0.4479		17.3	20.0	-13.6	50.0
Dibromomethane	Ave	0.1564	0.1596		20.4	20.0	2.1	50.0
Bromodichloromethane	Ave	0.3017	0.2982		19.8	20.0	-1.1	50.0
2-Chloroethyl vinyl ether	Ave	0.2006	0.1822		18.2	20.0	-9.2	50.0
2-Nitropropane	QuaF		0.0310		22.3	40.0	-44.1	50.0
Epichlorohydrin	Ave	0.0303	0.0271		358	400	-10.4	50.0
cis-1,3-Dichloropropene	Ave	0.4757	0.4547		19.1	20.0	-4.4	50.0
4-Methyl-2-pentanone	Ave	0.3635	0.3291		90.5	100	-9.5	50.0
Toluene	Ave	1.123	1.119		19.9	20.0	-0.3	20.0
trans-1,3-Dichloropropene	Ave	0.4178	0.3851		18.4	20.0	-7.8	50.0
Ethyl methacrylate	Ave	0.3372	0.2992		17.7	20.0	-11.3	50.0
1,1,2-Trichloroethane	Ave	0.2270	0.2254		19.9	20.0	-0.7	50.0
Tetrachloroethene	Ave	0.2628	0.2769		21.1	20.0	5.4	50.0
1,3-Dichloropropane	Ave	0.4673	0.4430		19.0	20.0	-5.2	50.0
2-Hexanone	Ave	3.022	4.086		135	100	35.2	50.0
Butyl acetate	Ave	0.5248	0.4534		17.3	20.0	-13.6	50.0
Dibromochloromethane	QuaF		0.2312		17.9	20.0	-10.4	50.0
1,2-Dibromoethane	Ave	0.2831	0.2681		18.9	20.0	-5.3	50.0
Chlorobenzene	Ave	0.7588	0.7553	0.3000	19.9	20.0	-0.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212905/2 Calibration Date: 03/16/2014 06:51

Instrument ID: CVOAMS8 Calib Start Date: 03/09/2014 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/09/2014 13:34

Lab File ID: J10062.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylbenzene	Ave	0.3862	0.3681		19.1	20.0	-4.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2466	0.2286		18.5	20.0	-7.3	50.0
m&p-Xylene	Ave	0.4879	0.4693		19.2	20.0	-3.8	50.0
Butyl acrylate	Ave	0.2311	0.1886		16.3	20.0	-18.4	50.0
o-Xylene	Ave	0.4808	0.4687		19.5	20.0	-2.5	50.0
Styrene	Ave	0.8528	0.8674		20.3	20.0	1.7	50.0
Amly acetate	Ave	1.085	0.9364		17.3	20.0	-13.7	50.0
Bromoform	QuaF		0.1343	0.1000	16.0	20.0	-20.2	50.0
Isopropylbenzene	Ave	1.059	1.060		20.0	20.0	0.1	50.0
Camphene, Total	Ave	0.0911	0.0708		15.5	20.0	-22.3	50.0
Monobromobenzene	Ave	0.5650	0.5819		20.6	20.0	3.0	50.0
1,1,2,2-Tetrachloroethane	Ave	0.6027	0.5983	0.3000	19.9	20.0	-0.7	50.0
N-Propylbenzene	Ave	2.070	2.084		20.1	20.0	0.7	50.0
1,2,3-Trichloropropane	Ave	0.1792	0.1721		19.2	20.0	-4.0	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2150	0.1656		15.4	20.0	-23.0	50.0
2-Chlorotoluene	Ave	1.622	1.537		18.9	20.0	-5.3	50.0
p-Ethyltoluene	Ave	1.986	1.759		17.7	20.0	-11.4	50.0
1,3,5-Trimethylbenzene	Ave	1.502	1.461		19.5	20.0	-2.7	50.0
4-Chlorotoluene	Ave	1.507	1.496		19.9	20.0	-0.7	50.0
Butyl Methacrylate	Ave	0.6510	0.5676		17.4	20.0	-12.8	50.0
tert-Butylbenzene	Ave	1.168	1.133		19.4	20.0	-3.0	50.0
1,2,4-Trimethylbenzene	Ave	1.626	1.622		20.0	20.0	-0.2	50.0
sec-Butylbenzene	Ave	1.528	1.579		20.7	20.0	3.3	50.0
1,3-Dichlorobenzene	Ave	1.052	1.019		19.4	20.0	-3.1	50.0
p-Isopropyltoluene	Ave	1.431	1.452		20.3	20.0	1.5	50.0
1,4-Dichlorobenzene	Ave	1.098	1.046		19.1	20.0	-4.7	50.0
Benzyl chloride	Ave	1.070	0.8740		16.3	20.0	-18.3	50.0
Indan	Ave	1.877	1.702		18.1	20.0	-9.4	50.0
p-Diethylbenzene	Ave	0.9669	0.8269		17.1	20.0	-14.5	50.0
n-Butylbenzene	Ave	1.500	1.527		20.4	20.0	1.8	50.0
1,2-Dichlorobenzene	Ave	1.073	1.035		19.3	20.0	-3.5	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.565	1.363		17.4	20.0	-13.0	50.0
1,2-Dibromo-3-Chloropropane	QuaF		0.1064		15.7	20.0	-21.6	50.0
Camphor	Ave	0.0702	0.0563		80.2	100	-19.8	50.0
1,2,4-Trichlorobenzene	Ave	0.6813	0.6171		18.1	20.0	-9.4	50.0
Hexachlorobutadiene	Ave	0.1994	0.2075		20.8	20.0	4.1	50.0
Naphthalene	Ave	1.953	1.780		18.2	20.0	-8.9	50.0
1,2,3-Trichlorobenzene	Ave	0.6243	0.5471		17.5	20.0	-12.4	50.0
Dibromofluoromethane (Surr)	Ave	0.2748	0.2786		50.7	50.0	1.4	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3756	0.3718		49.5	50.0	-1.0	50.0
Toluene-d8 (Surr)	Ave	1.227	1.197		48.8	50.0	-2.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212905/2 Calibration Date: 03/16/2014 06:51

Instrument ID: CVOAMS8 Calib Start Date: 03/09/2014 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/09/2014 13:34

Lab File ID: J10062.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromofluorobenzene	Ave	0.4284	0.4034		47.1	50.0	-5.9	50.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS1\20140311-10690.b\A00409.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 11-Mar-2014 04:45:30 ALS Bottle#: 99 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0010690-001
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\EDICHROM\ChromData\CVOAMS1\20140311-10690.b\8260624W_1.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 12-Mar-2014 11:44:09 Calib Date: 11-Mar-2014 13:55:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS1\20140311-10690.b\A00422.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK007

First Level Reviewer: delpolitov Date: 12-Mar-2014 10:49:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
$ 151 BFB	95	2.934	2.934	0.0	88	96464	NR	

Report Date: 12-Mar-2014 11:44:10 Chrom Revision: 2.2 28-Feb-2014 15:12:04

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140311-10690.b\A00409.D

Injection Date: 11-Mar-2014 04:45:30 Instrument ID: CVOAMS1

Lims ID: BFB

Client ID:

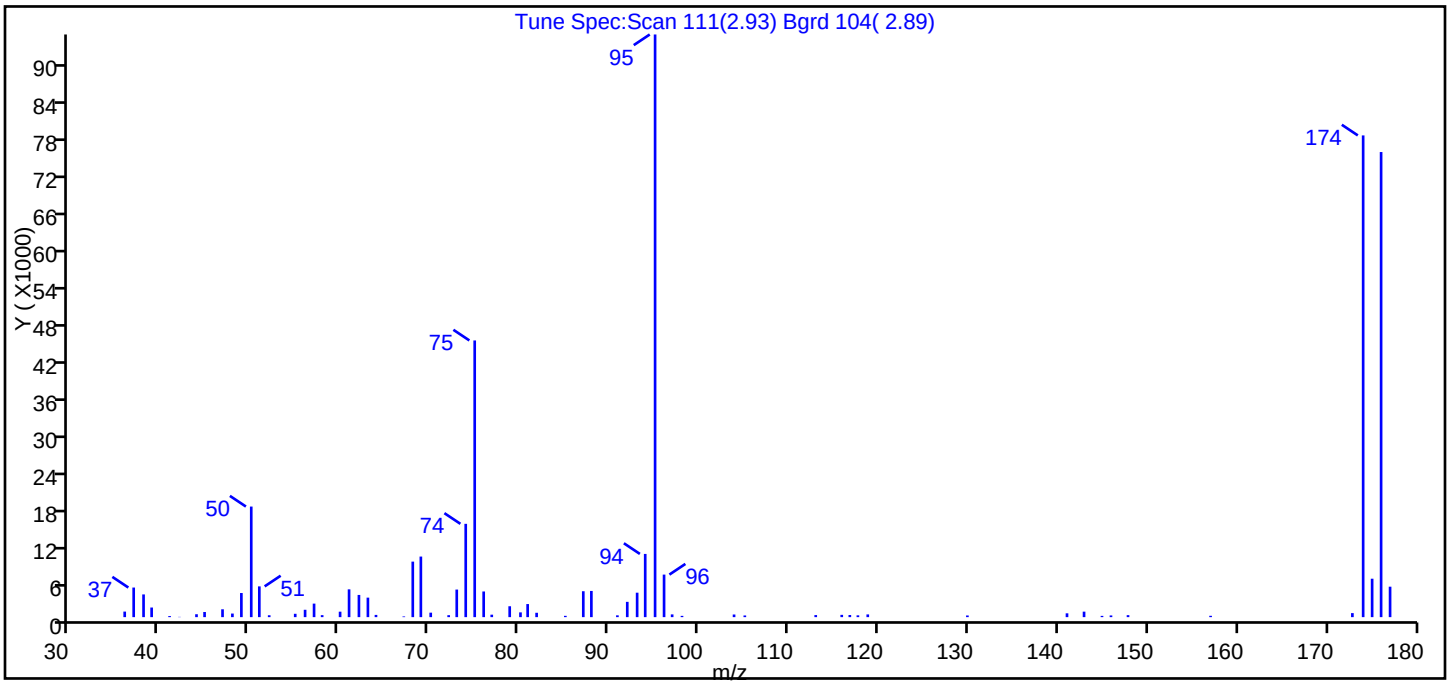
Operator ID: VOA GC/MS1 ALS Bottle#: 99 Worklist Smp#: 1

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260624W_1 Limit Group: VOA - 8260B Water and Solid

Tune Method: BFB Method 8260

$ 151 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.00
75	30.00 - 60.00% of mass 95	47.50
96	5.00 - 9.00% of mass 95	7.30
173	Less than 2.00% of mass 174	0.70 (0.80)
174	50.00 - 120.00% of mass 95	82.70
175	5.00 - 9.00% of mass 174	6.60 (8.00)
176	95.00 - 101.00% of mass 174	79.80 (96.50)
177	5.00 - 9.00% of mass 176	5.20 (6.50)

Data File: \\EDICHROM\ChromData\CVOAMS1\20140311-10690.b\A00409.D\8260624W_1.rslt\spectra.d
Injection Date: 11-Mar-2014 04:45:30
Spectrum: Tune Spec:Scan 111(2.93) Bgrd 104(2.89)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 67

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	898	58.00	324	80.10	771	115.90	371
37.00	4785	60.00	883	80.90	2116	116.80	346
38.10	3674	61.00	4495	81.90	705	117.70	293
39.00	1556	62.10	3590	85.10	212	118.80	440
41.00	174	63.10	3154	87.10	4190	129.90	269
42.10	43	64.00	361	88.00	4236	141.00	619
44.00	472	67.10	112	90.90	293	142.90	889
44.90	831	68.10	8977	92.00	2472	144.90	206
46.90	1271	69.00	9795	93.10	3953	145.90	274
48.00	582	70.10	724	94.00	10221	147.80	322
49.00	3901	72.10	317	95.10	94208	157.00	218
50.10	17880	73.00	4459	96.10	6880	172.80	652
51.00	4973	74.00	15087	97.00	444	174.00	77888
52.10	305	75.00	44736	98.10	208	175.00	6214
55.00	542	76.00	4150	103.90	428	176.00	75200
56.10	1191	76.90	400	105.10	271	177.00	4924
57.10	2188	78.90	1762	113.00	333		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS1\20140314-10853.b\A00577.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 14-Mar-2014 06:26:30 ALS Bottle#: 99 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0010853-001
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\EDICHROM\ChromData\CVOAMS1\20140314-10853.b\8260624W_1.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 09:28:01 Calib Date: 11-Mar-2014 13:55:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS1\20140311-10690.b\A00422.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK004

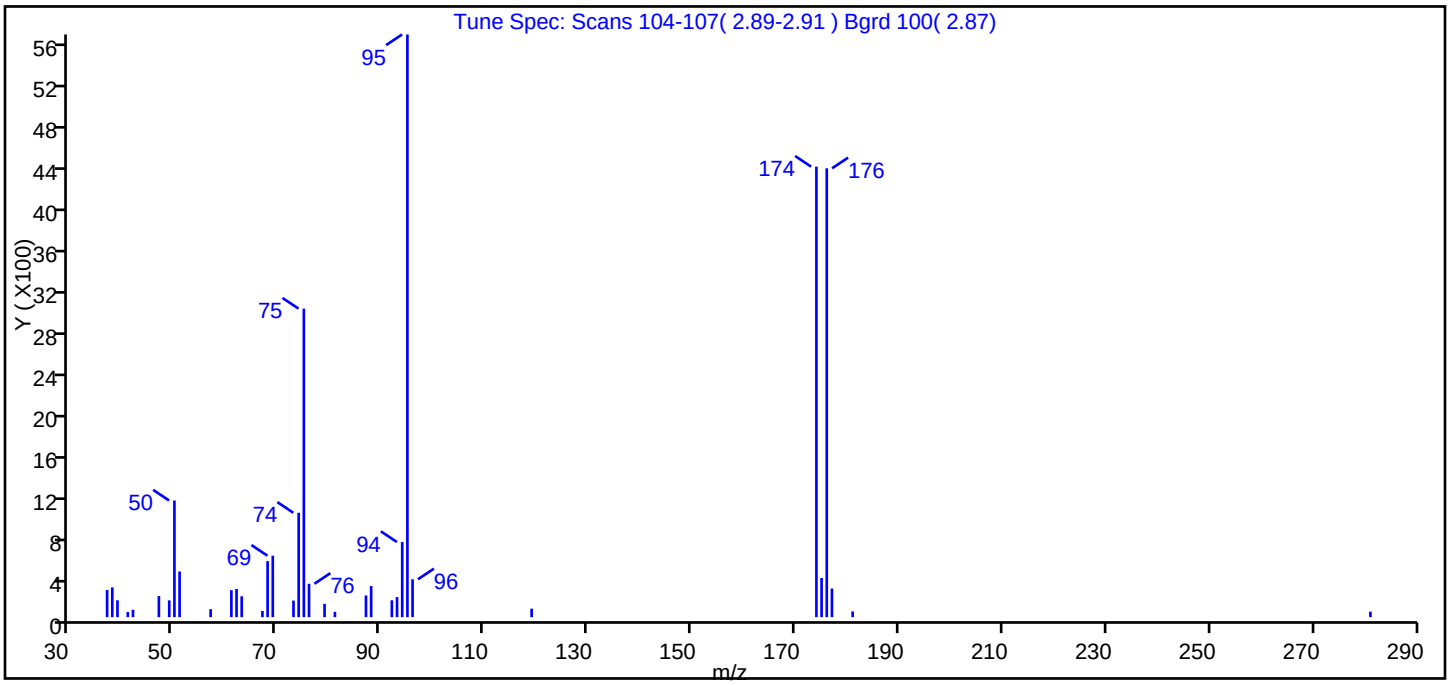
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
$ 151 BFB	95	2.904	2.904	0.0	78	9145	NR	

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140314-10853.b\A00577.D
Injection Date: 14-Mar-2014 06:26:30 Instrument ID: CVOAMS1
Lims ID: BFB
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 99 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260B Water and Solid
Tune Method: BFB Method 8260

$ 151 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.00
75	30.00 - 60.00% of mass 95	52.90
96	5.00 - 9.00% of mass 95	6.50
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	77.30
175	5.00 - 9.00% of mass 174	6.70 (8.70)
176	95.00 - 101.00% of mass 174	77.00 (99.60)
177	5.00 - 9.00% of mass 176	4.90 (6.40)

Data File: \\EDICHROM\ChromData\CVOAMS1\20140314-10853.b\A00577.D\8260624W_1.rslt\spectra.d
Injection Date: 14-Mar-2014 06:26:30
Spectrum: Tune Spec: Scans 104-107(2.89-2.91) Bgrd 100(2.87)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 36

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	266	57.00	78	75.00	3018	95.00	5700
38.00	291	61.00	264	76.00	326	96.00	370
39.00	165	62.00	276	79.00	130	119.00	83
41.00	51	63.00	204	81.00	52	174.00	4407
42.00	72	67.00	60	87.00	212	175.00	383
47.00	206	68.00	548	88.00	304	176.00	4391
49.00	164	69.00	601	92.00	165	177.00	280
50.00	1141	73.00	162	93.00	196	181.00	56
51.00	447	74.00	1021	94.00	735	281.00	54

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367266.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 12-Mar-2014 14:13:30 ALS Bottle#: 1 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0010723-001
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 15:16:05 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: tupayachia Date: 12-Mar-2014 18:20:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	1.937	1.937	0.0	84	29629	NR	

Report Date: 14-Mar-2014 15:16:05 Chrom Revision: 2.2 28-Feb-2014 15:12:04

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367266.D

Injection Date: 12-Mar-2014 14:13:30 Instrument ID: CVOAMS4

Lims ID: BFB

Client ID:

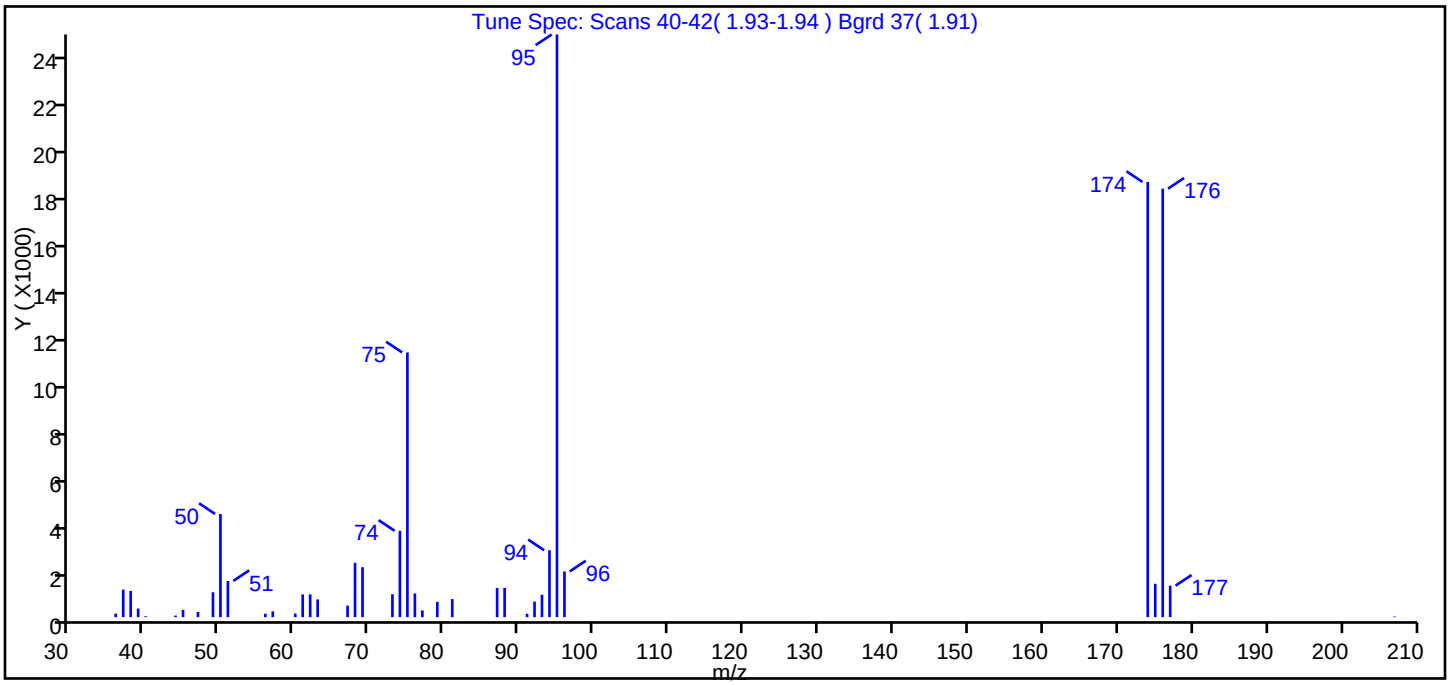
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.70
75	30.00 - 60.00% of mass 95	45.40
96	5.00 - 9.00% of mass 95	7.80
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	74.70
175	5.00 - 9.00% of mass 174	5.70 (7.70)
176	95.00 - 101.00% of mass 174	73.50 (98.50)
177	5.00 - 9.00% of mass 176	5.40 (7.30)

Data File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367266.D\8260S_4.rslt\spectra.d
Injection Date: 12-Mar-2014 14:13:30
Spectrum: Tune Spec: Scans 40-42(1.93-1.94) Bgrd 37(1.91)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 40

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	149	51.00	1547	73.00	980	92.00	664
37.00	1176	56.00	147	74.00	3692	93.00	958
38.00	1118	57.00	248	75.00	11320	94.00	2860
39.00	368	60.00	153	76.00	1014	95.00	24912
40.00	36	61.00	971	77.00	289	96.00	1955
44.00	67	62.00	973	79.00	653	174.00	18608
45.00	314	63.00	758	81.00	773	175.00	1425
47.00	222	67.00	492	87.00	1251	176.00	18320
49.00	1064	68.00	2325	88.00	1246	177.00	1345
50.00	4411	69.00	2135	91.00	144	207.00	26

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367281.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 13-Mar-2014 06:21:30 ALS Bottle#: 1 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0010815-001
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 13-Mar-2014 18:38:44 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: starzecm Date: 13-Mar-2014 18:38:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	1.955	1.955	0.0	87	34293	NR	

Report Date: 13-Mar-2014 18:38:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367281.D

Injection Date: 13-Mar-2014 06:21:30 Instrument ID: CVOAMS4

Lims ID: BFB

Client ID:

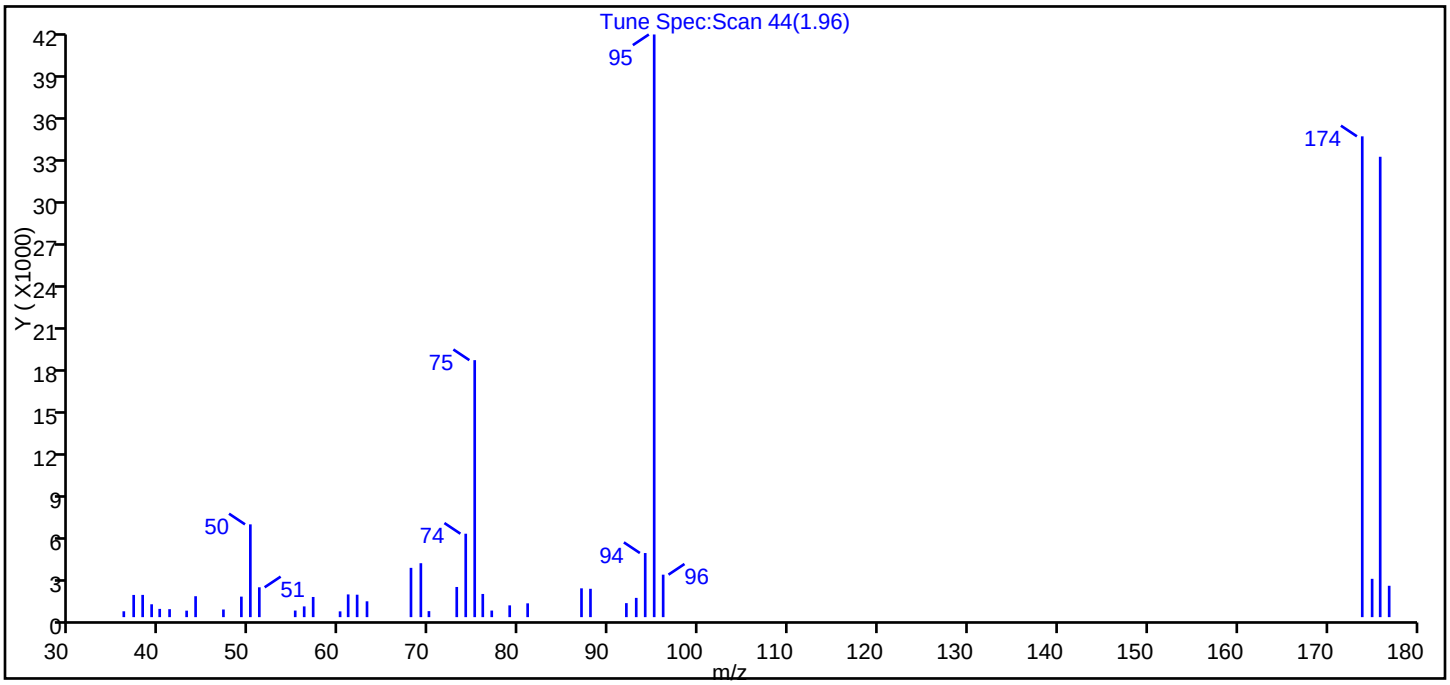
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.90
75	30.00 - 60.00% of mass 95	44.10
96	5.00 - 9.00% of mass 95	7.30
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	82.50
175	5.00 - 9.00% of mass 174	6.60 (8.00)
176	95.00 - 101.00% of mass 174	79.00 (95.70)
177	5.00 - 9.00% of mass 176	5.40 (6.80)

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367281.D\8260S_4.rslt\spectra.d
Injection Date: 13-Mar-2014 06:21:30
Spectrum: Tune Spec:Scan 44(1.96)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 40

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.90	420	50.00	6646	69.00	3863	87.90	2031
37.00	1591	51.00	2138	69.90	431	91.90	1003
38.00	1594	55.00	472	73.00	2161	93.00	1380
39.00	922	56.00	769	74.00	5976	94.00	4592
39.90	591	57.00	1445	75.00	18408	95.00	41736
41.00	571	60.00	414	75.90	1661	96.00	3043
42.90	465	60.90	1628	76.90	472	173.90	34440
43.90	1499	61.90	1607	78.90	844	175.00	2745
47.00	548	63.00	1135	80.90	989	175.90	32976
49.00	1470	67.90	3531	86.90	2064	176.90	2247

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367308.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	13-Mar-2014 17:04:30	ALS Bottle#:	1	Worklist Smp#:	1
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0010833-001				
Operator ID:		Instrument ID:	CVOAMS4		
Method:	\\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\8260S_4.m				
Limit Group:	VOA - 8260B Water and Solid				
Last Update:	14-Mar-2014 00:20:16	Calib Date:	12-Mar-2014 20:41:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK009				
First Level Reviewer: starzecm		Date:	14-Mar-2014 00:20:16		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	1.919	1.919	0.0	0	45291	NR	

Report Date: 14-Mar-2014 00:20:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367308.D

Injection Date: 13-Mar-2014 17:04:30 Instrument ID: CVOAMS4

Lims ID: BFB

Client ID:

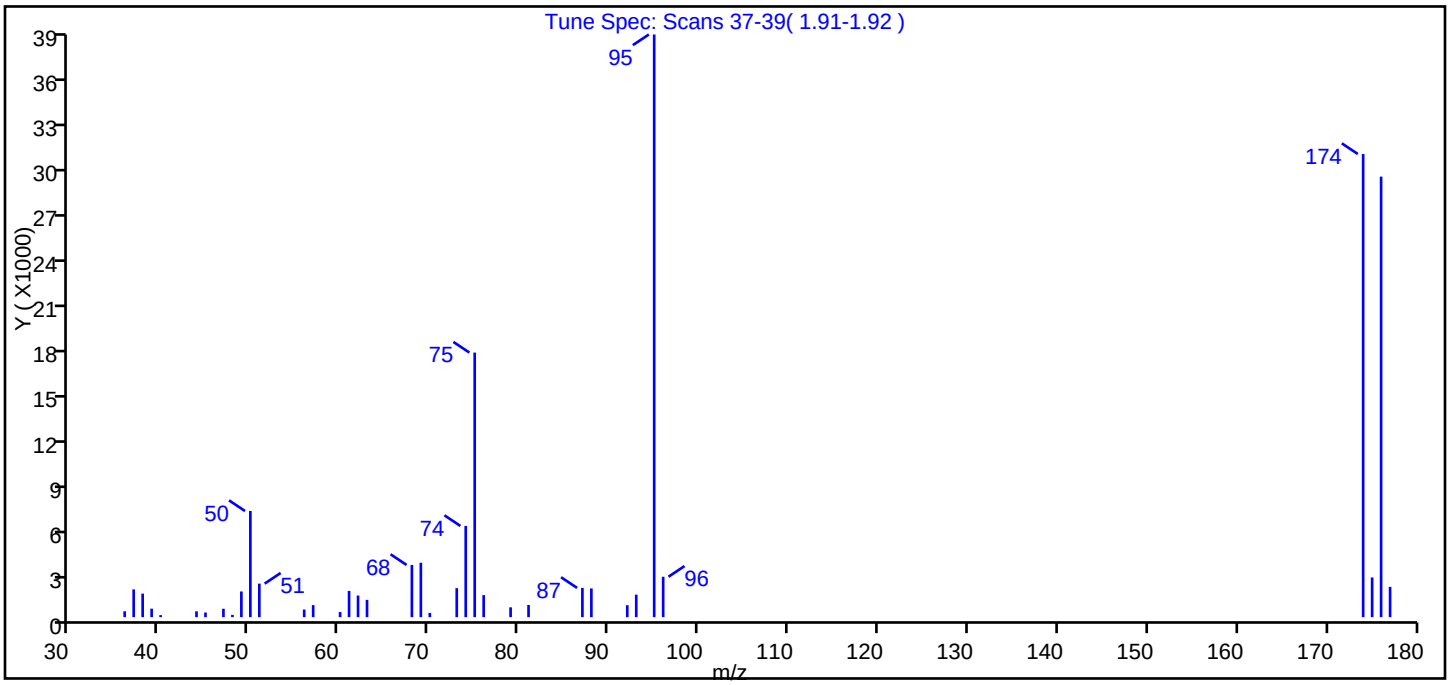
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.20
75	30.00 - 60.00% of mass 95	45.40
96	5.00 - 9.00% of mass 95	6.90
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	79.50
175	5.00 - 9.00% of mass 174	6.80 (8.60)
176	95.00 - 101.00% of mass 174	75.60 (95.10)
177	5.00 - 9.00% of mass 176	5.20 (6.90)

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367308.D\8260S_4.rslt\spectra.d
Injection Date: 13-Mar-2014 17:04:30
Spectrum: Tune Spec: Scans 37-39(1.91-1.92)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 37

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	388	50.00	7025	70.00	282	93.00	1487
37.00	1836	51.00	2218	73.00	1920	95.00	38568
38.00	1558	56.00	503	74.00	6037	96.00	2674
39.00	561	57.00	797	75.00	17512	174.00	30656
40.00	134	60.00	336	76.00	1458	175.00	2626
44.00	386	61.00	1736	79.00	650	176.00	29160
45.00	307	62.00	1432	81.00	804	177.00	2004
47.00	555	63.00	1144	87.00	1936		
48.00	148	68.00	3456	88.00	1901		
49.00	1700	69.00	3600	92.00	792		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367333.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	14-Mar-2014 05:41:30	ALS Bottle#:	1	Worklist Smp#:	1
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0010860-001				
Operator ID:		Instrument ID:	CVOAMS4		
Method:	\\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\8260S_4.m				
Limit Group:	VOA - 8260B Water and Solid				
Last Update:	14-Mar-2014 16:47:35	Calib Date:	12-Mar-2014 20:41:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK036				
First Level Reviewer: tupayachia		Date:	14-Mar-2014 08:47:54		

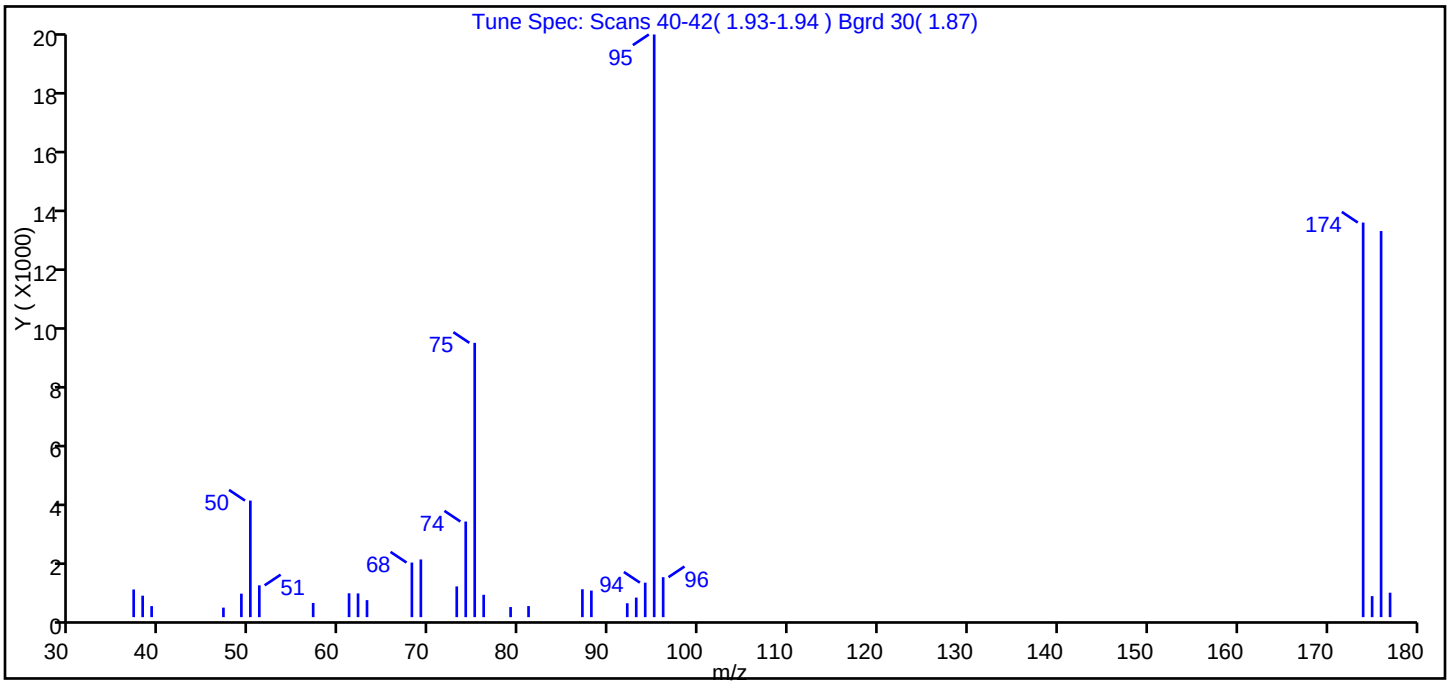
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	1.943	1.943	0.0	0	28419	NR	

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367333.D
Injection Date: 14-Mar-2014 05:41:30 Instrument ID: CVOAMS4
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.00
75	30.00 - 60.00% of mass 95	47.10
96	5.00 - 9.00% of mass 95	6.90
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	67.70
175	5.00 - 9.00% of mass 174	3.60 (5.30)
176	95.00 - 101.00% of mass 174	66.30 (97.90)
177	5.00 - 9.00% of mass 176	4.20 (6.30)

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367333.D\8260S_4.rslt\spectra.d
Injection Date: 14-Mar-2014 05:41:30
Spectrum: Tune Spec: Scans 40-42(1.93-1.94) Bgrd 30(1.87)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 30

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	949	61.00	819	76.00	767	95.00	20000
38.00	737	62.00	815	79.00	347	96.00	1372
39.00	379	63.00	584	81.00	380	174.00	13544
47.00	327	68.00	1873	87.00	957	175.00	722
49.00	806	69.00	1980	88.00	912	176.00	13253
50.00	4001	73.00	1055	92.00	477	177.00	839
51.00	1092	74.00	3282	93.00	672		
57.00	487	75.00	9415	94.00	1184		

Report Date: 17-Mar-2014 08:53:14 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367417.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 16-Mar-2014 06:13:30 ALS Bottle#: 1 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0010932-001
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 17-Mar-2014 08:53:13 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK005

First Level Reviewer: delpolitov Date: 17-Mar-2014 08:53:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	1.937	1.937	0.0	83	19182	NR	

Report Date: 17-Mar-2014 08:53:14 Chrom Revision: 2.2 28-Feb-2014 15:12:04

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367417.D

Injection Date: 16-Mar-2014 06:13:30 Instrument ID: CVOAMS4

Lims ID: BFB

Client ID:

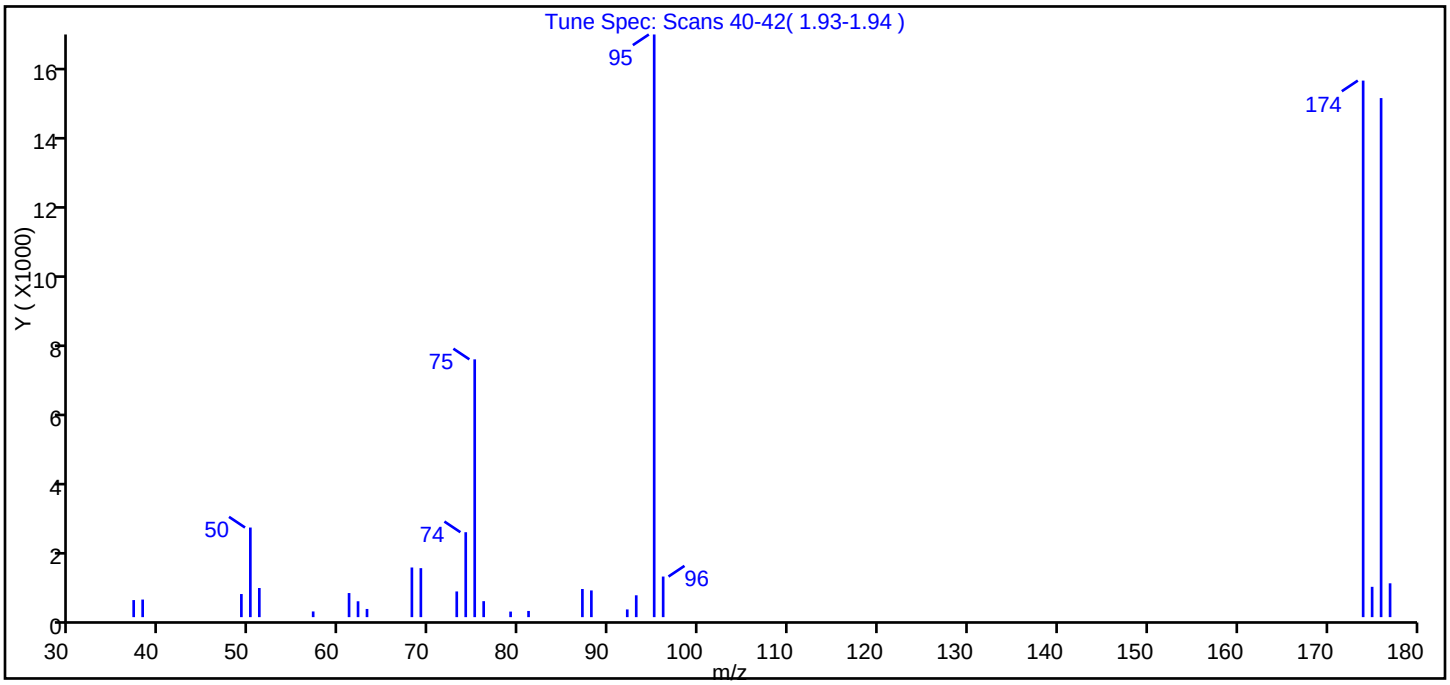
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.40
75	30.00 - 60.00% of mass 95	44.20
96	5.00 - 9.00% of mass 95	7.00
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	92.10
175	5.00 - 9.00% of mass 174	5.20 (5.70)
176	95.00 - 101.00% of mass 174	89.10 (96.70)
177	5.00 - 9.00% of mass 176	5.80 (6.50)

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367417.D\8260S_4.rslt\spectra.d
Injection Date: 16-Mar-2014 06:13:30
Spectrum: Tune Spec: Scans 40-42(1.93-1.94)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 27

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	488	62.00	454	76.00	457	95.00	16664
38.00	503	63.00	234	79.00	159	96.00	1161
49.00	661	68.00	1420	81.00	177	174.00	15345
50.00	2563	69.00	1401	87.00	805	175.00	867
51.00	833	73.00	735	88.00	764	176.00	14845
57.00	163	74.00	2429	92.00	221	177.00	968
61.00	689	75.00	7373	93.00	625		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09761.D				
Lims ID:	BFB	Lab Sample ID:			
Client ID:					
Sample Type:	BFB				
Inject. Date:	09-Mar-2014 09:42:30	ALS Bottle#:	99	Worklist Smp#:	1
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0010627-001				
Operator ID:		Instrument ID:	CVOAMS8		
Method:	\\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\8260_W8.m				
Limit Group:	VOA - 8260B Water and Solid				
Last Update:	10-Mar-2014 20:51:21	Calib Date:	09-Mar-2014 13:34:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK048				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	4.169	4.169	0.0	90	43322	NR	

Report Date: 10-Mar-2014 20:51:22 Chrom Revision: 2.1 15-Jan-2014 14:06:26

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09761.D

Injection Date: 09-Mar-2014 09:42:30 Instrument ID: CVOAMS8

Lims ID: BFB Lab Sample ID:

Client ID:

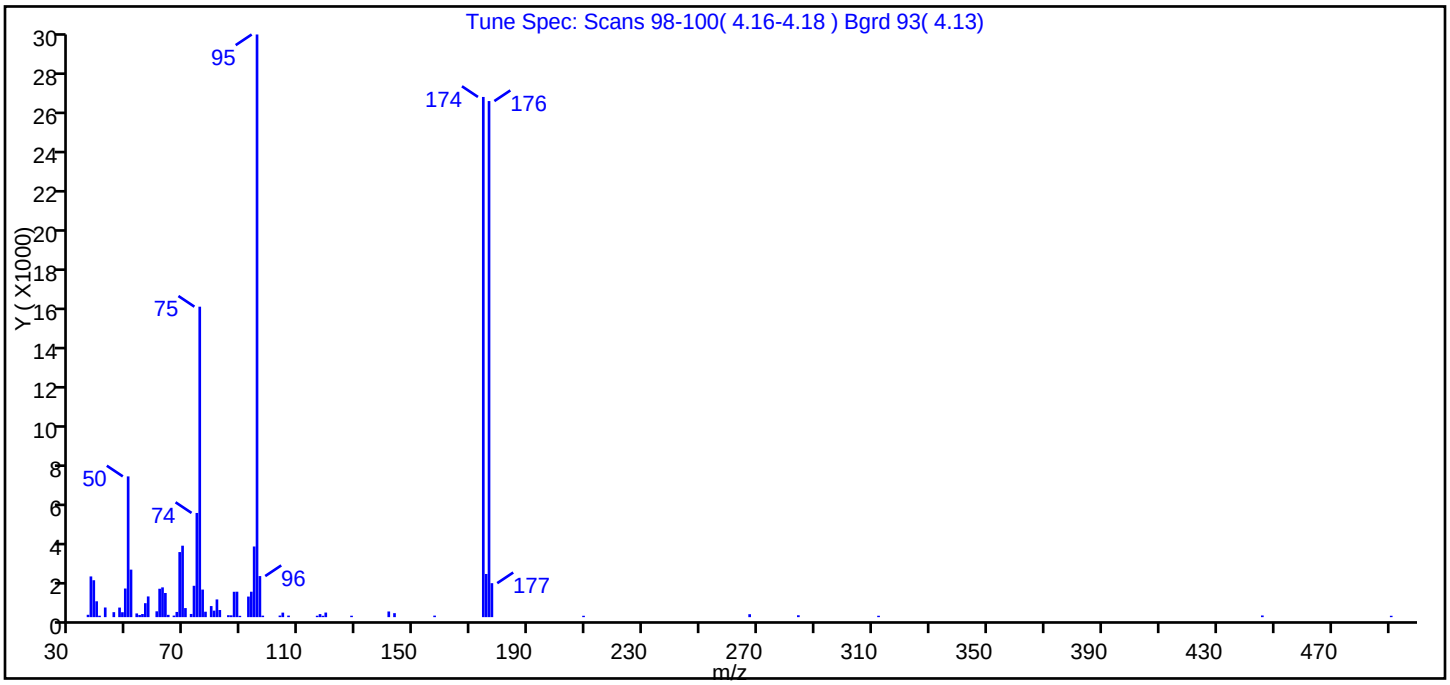
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	24.20
75	30.00 - 60.00% of mass 95	53.30
96	5.00 - 9.00% of mass 95	7.00
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	89.30
175	5.00 - 9.00% of mass 174	7.40 (8.30)
176	95.00 - 101.00% of mass 174	88.60 (99.20)
177	5.00 - 9.00% of mass 176	5.80 (6.60)

Data File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09761.D\8260_W8.rslt\spectra.d
Injection Date: 09-Mar-2014 09:42:30
Spectrum: Tune Spec: Scans 98-100(4.16-4.18) Bgrd 93(4.13)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 69

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	119	61.00	1433	82.00	359	119.00	231
37.00	2054	62.00	1502	85.00	98	128.00	72
38.00	1862	63.00	1218	86.00	92	141.00	286
39.00	800	64.00	116	87.00	1280	143.00	201
40.00	73	66.00	78	88.00	1284	157.00	77
42.00	487	67.00	263	89.00	67	174.00	26248
45.00	251	68.00	3283	92.00	1038	175.00	2178
47.00	483	69.00	3605	93.00	1283	176.00	26040
48.00	248	70.00	457	94.00	3565	177.00	1714
49.00	1444	72.00	161	95.00	29400	209.00	69
50.00	7102	73.00	1582	96.00	2072	267.00	148
51.00	2397	74.00	5257	97.00	75	284.00	95
53.00	187	75.00	15665	103.00	80	312.00	70
54.00	111	76.00	1391	104.00	228	446.00	84
55.00	157	77.00	274	106.00	78	491.00	69
56.00	704	79.00	559	116.00	71		
57.00	1045	80.00	328	117.00	153		
60.00	295	81.00	894	118.00	69		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\J09912.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	12-Mar-2014 20:36:30	ALS Bottle#:	99	Worklist Smp#:	1
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0010784-001				
Operator ID:		Instrument ID:	CVOAMS8		
Method:	\\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\8260_W8.m				
Limit Group:	VOA - 8260B Water and Solid				
Last Update:	13-Mar-2014 08:35:33	Calib Date:	09-Mar-2014 13:34:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK001				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	4.172	4.172	0.0	89	45874	NR	

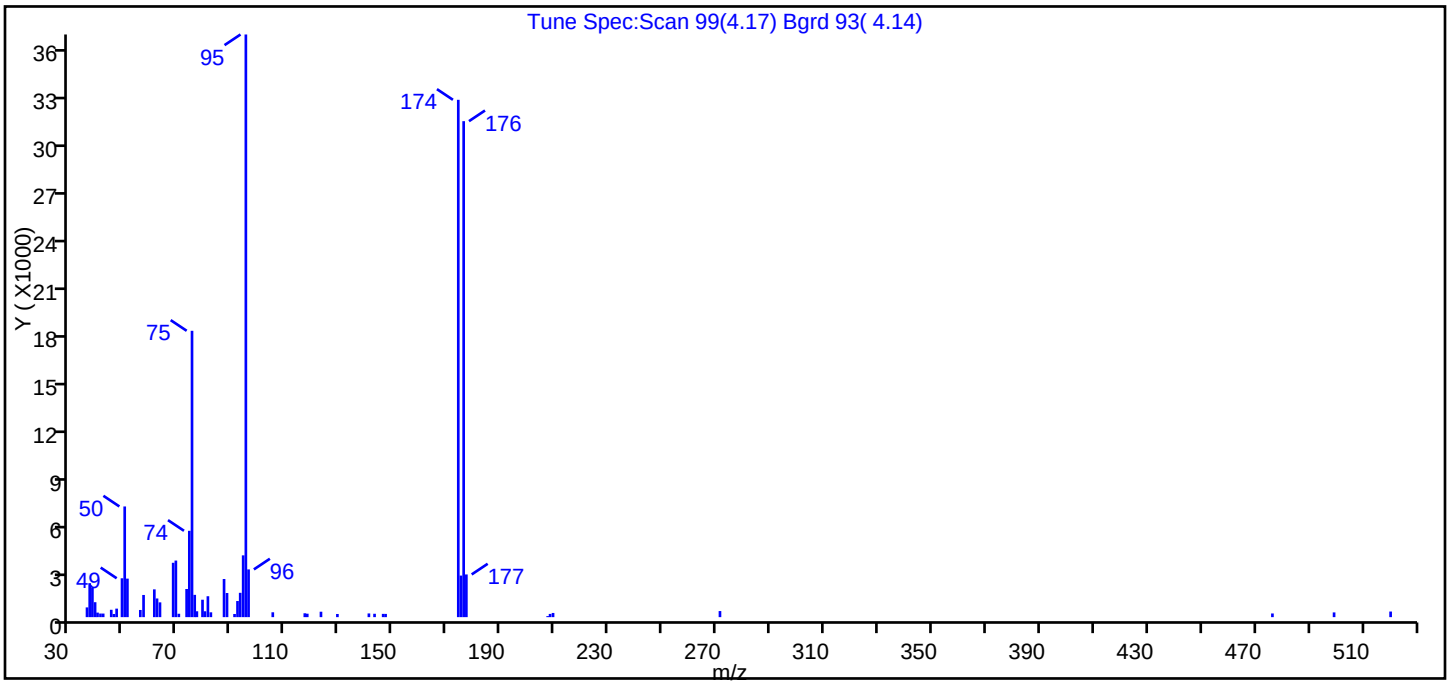
Report Date: 13-Mar-2014 08:35:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\J09912.D
Injection Date: 12-Mar-2014 20:36:30 Instrument ID: CVOAMS8
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.00
75	30.00 - 60.00% of mass 95	49.10
96	5.00 - 9.00% of mass 95	8.20
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	88.80
175	5.00 - 9.00% of mass 174	7.10 (8.00)
176	95.00 - 101.00% of mass 174	85.10 (95.90)
177	5.00 - 9.00% of mass 176	7.30 (8.60)

Report Date: 13-Mar-2014 08:35:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Data File: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\J09912.D\8260_W8.rslt\spectra.d
Injection Date: 12-Mar-2014 20:36:30
Spectrum: Tune Spec:Scan 99(4.17) Bgrd 93(4.14)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 58

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	617	61.00	1759	86.90	2415	146.00	207
37.00	2151	62.00	1182	88.00	1528	146.90	205
38.00	1861	63.10	936	90.80	200	173.90	32752
39.00	946	68.00	3441	91.90	1020	174.90	2631
39.90	287	69.00	3582	92.90	1540	175.90	31400
41.00	228	70.10	214	94.00	3912	176.90	2703
42.00	227	73.00	1782	95.00	36888	207.10	65
45.00	466	74.00	5466	96.00	3022	208.00	204
46.00	200	75.00	18128	105.00	308	209.10	265
47.00	539	76.00	1411	116.90	245	271.10	385
49.00	2461	76.80	372	117.80	218	476.30	233
50.00	7007	78.90	1103	122.90	344	499.20	300
51.00	2439	79.80	372	129.00	200	520.20	355
55.80	454	80.90	1324	140.70	234		
57.00	1404	82.00	306	142.80	214		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09935.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	13-Mar-2014 07:37:30	ALS Bottle#:	99	Worklist Smp#:	1
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0010809-001				
Operator ID:		Instrument ID:	CVOAMS8		
Method:	\\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\8260_W8.m				
Limit Group:	VOA - 8260B Water and Solid				
Last Update:	13-Mar-2014 15:55:19	Calib Date:	09-Mar-2014 13:34:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK033				

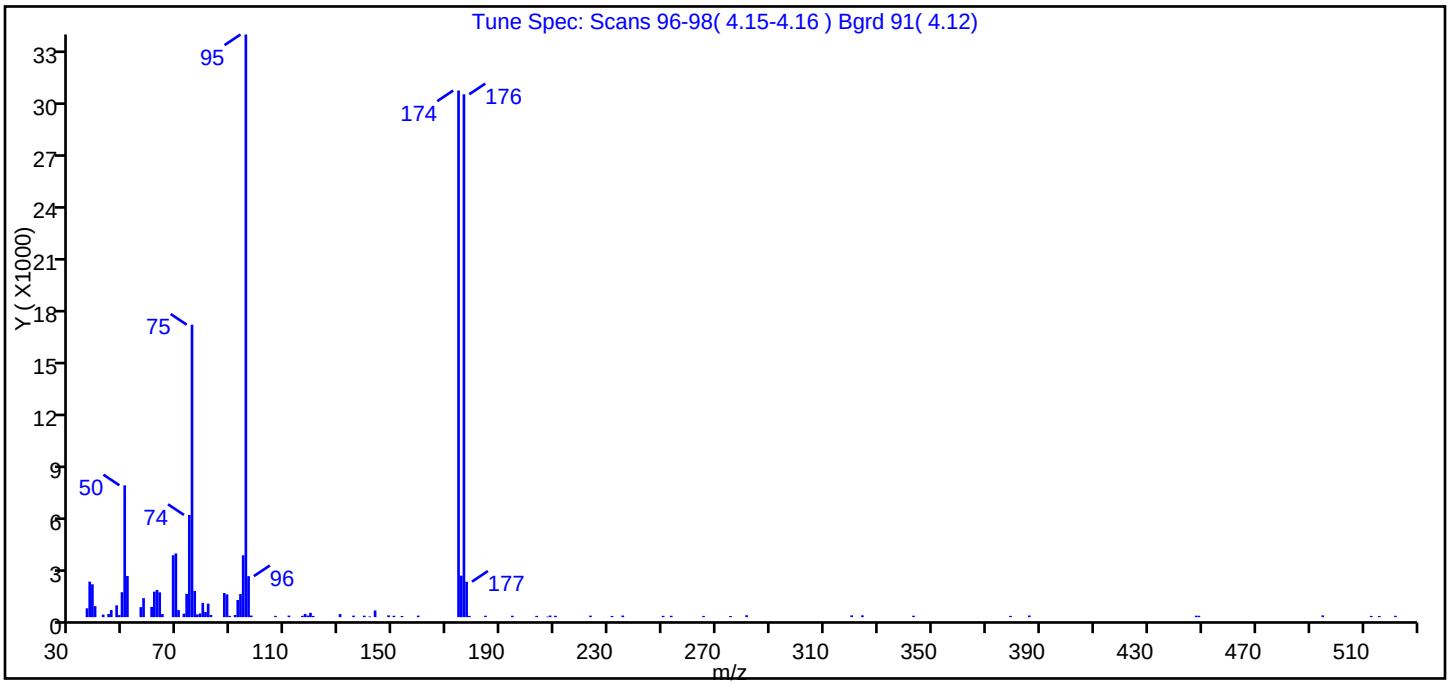
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	4.159	4.159	0.0	90	54801	NR	

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09935.D
Injection Date: 13-Mar-2014 07:37:30 Instrument ID: CVOAMS8
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	22.60
75	30.00 - 60.00% of mass 95	50.20
96	5.00 - 9.00% of mass 95	7.00
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	90.40
175	5.00 - 9.00% of mass 174	7.10 (7.90)
176	95.00 - 101.00% of mass 174	89.70 (99.30)
177	5.00 - 9.00% of mass 176	6.10 (6.80)

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09935.D\8260_W8.rslt\spectra.d
Injection Date: 13-Mar-2014 07:37:30
Spectrum: Tune Spec: Scans 96-98(4.15-4.16) Bgrd 91(4.12)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 89

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	507	73.00	1342	117.00	186	210.00	78
37.00	2043	74.00	5879	118.00	92	223.00	87
38.00	1891	75.00	16824	119.00	247	231.00	68
39.00	632	76.00	1509	120.00	71	235.00	92
42.00	145	77.00	159	130.00	175	250.00	76
44.00	181	78.00	213	135.00	87	253.00	79
45.00	409	79.00	822	139.00	84	265.00	73
47.00	680	80.00	293	141.00	40	275.00	67
48.00	116	81.00	776	143.00	383	281.00	110
49.00	1435	82.00	126	148.00	103	320.00	103
50.00	7584	87.00	1389	150.00	80	324.00	103
51.00	2369	88.00	1308	153.00	67	343.00	83
56.00	578	89.00	75	159.00	87	379.00	73
57.00	1095	91.00	124	174.00	30296	386.00	94
60.00	589	92.00	987	175.00	2387	448.00	84
61.00	1467	93.00	1328	176.00	30080	449.00	79
62.00	1567	94.00	3556	177.00	2040	495.00	101
63.00	1427	95.00	33520	178.00	72	513.00	71
64.00	176	96.00	2359	184.00	83	516.00	69
68.00	3562	97.00	93	194.00	81	522.00	77
69.00	3666	106.00	75	203.00	74		
70.00	406	111.00	89	207.00	28		
72.00	202	116.00	75	208.00	91		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09962.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 13-Mar-2014 21:16:30 ALS Bottle#: 99 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0010838-001
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 07:52:19 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: delpolitov Date: 14-Mar-2014 07:52:19

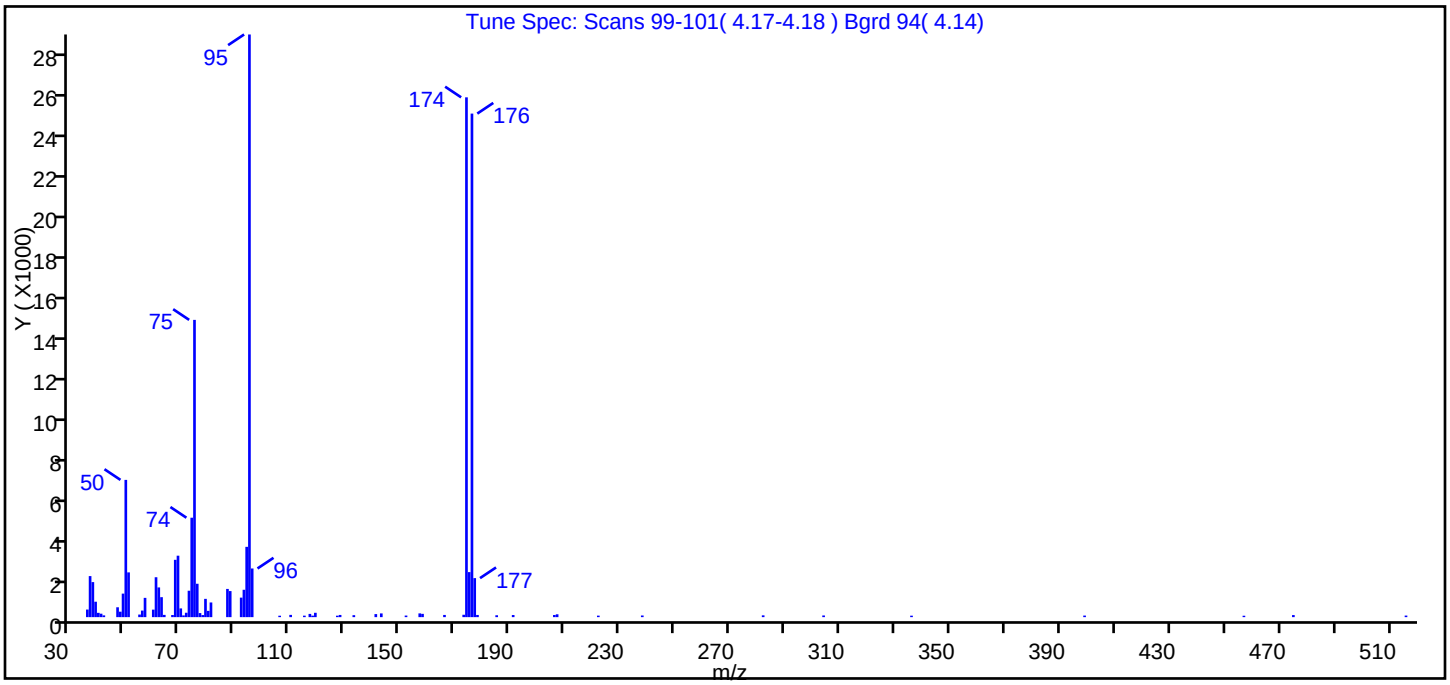
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	4.175	4.175	0.0	92	42638	NR	

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09962.D
Injection Date: 13-Mar-2014 21:16:30 Instrument ID: CVOAMS8
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	23.60
75	30.00 - 60.00% of mass 95	51.00
96	5.00 - 9.00% of mass 95	8.40
173	Less than 2.00% of mass 174	0.40 (0.50)
174	50.00 - 120.00% of mass 95	89.20
175	5.00 - 9.00% of mass 174	7.70 (8.70)
176	95.00 - 101.00% of mass 174	86.40 (96.90)
177	5.00 - 9.00% of mass 176	6.70 (7.70)

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09962.D\8260_W8.rslt\spectra.d
Injection Date: 13-Mar-2014 21:16:30
Spectrum: Tune Spec: Scans 99-101(4.17-4.18) Bgrd 94(4.14)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 76

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	366	64.00	109	93.00	1320	173.00	115
37.00	1980	67.00	102	94.00	3391	174.00	25072
38.00	1690	68.00	2765	95.00	28104	175.00	2172
39.00	744	69.00	2964	96.00	2347	176.00	24288
40.00	208	70.00	421	106.00	69	177.00	1882
41.00	166	71.00	84	110.00	109	178.00	106
42.00	85	72.00	212	115.00	72	185.00	91
47.00	476	73.00	1274	117.00	156	191.00	102
48.00	263	74.00	4796	118.00	72	206.00	104
49.00	1135	75.00	14338	119.00	210	207.00	137
50.00	6620	76.00	1610	127.00	70	222.00	73
51.00	2159	77.00	196	128.00	106	238.00	80
55.00	125	78.00	100	133.00	95	282.00	87
56.00	316	79.00	882	141.00	147	304.00	81
57.00	930	80.00	303	143.00	180	336.00	71
60.00	362	81.00	708	152.00	77	399.00	76
61.00	1925	87.00	1361	157.00	181	457.00	68
62.00	1433	88.00	1257	158.00	159	475.00	100
63.00	963	92.00	941	166.00	106	516.00	76

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS8\20140314-10892.b\J10015.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	14-Mar-2014 22:40:30	ALS Bottle#:	99	Worklist Smp#:	1
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0010892-001				
Operator ID:		Instrument ID:	CVOAMS8		
Method:	\\EDICHROM\ChromData\CVOAMS8\20140314-10892.b\8260_W8.m				
Limit Group:	VOA - 8260B Water and Solid				
Last Update:	15-Mar-2014 17:26:46	Calib Date:	09-Mar-2014 13:34:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK012				

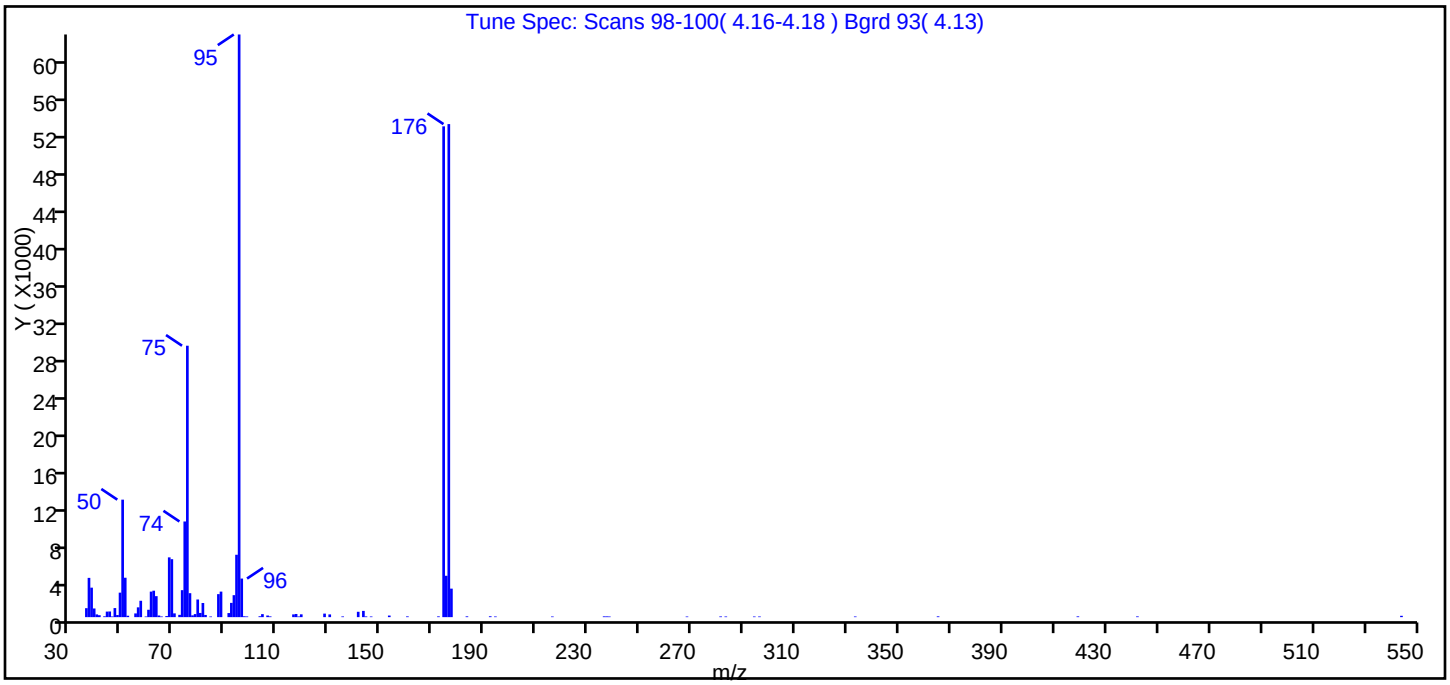
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	4.170	4.170	0.0	88	87216	NR	

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10892.b\J10015.D
Injection Date: 14-Mar-2014 22:40:30 Instrument ID: CVOAMS8
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.20
75	30.00 - 60.00% of mass 95	46.60
96	5.00 - 9.00% of mass 95	6.60
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	84.20
175	5.00 - 9.00% of mass 174	7.10 (8.40)
176	95.00 - 101.00% of mass 174	84.60 (100.50)
177	5.00 - 9.00% of mass 176	4.90 (5.80)

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10892.b\J10015.D\8260_W8.rslt\spectra.d
Injection Date: 14-Mar-2014 22:40:30
Spectrum: Tune Spec: Scans 98-100(4.16-4.18) Bgrd 93(4.13)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 91

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	955	63.00	2235	93.00	2340	172.00	82
37.00	4181	64.00	175	94.00	6643	174.00	52264
38.00	3140	65.00	72	95.00	62048	175.00	4405
39.00	923	67.00	115	96.00	4109	176.00	52504
40.00	291	68.00	6366	97.00	90	177.00	3036
41.00	205	69.00	6173	98.00	73	183.00	85
43.00	87	70.00	401	103.00	94	192.00	92
44.00	591	72.00	245	104.00	321	194.00	71
45.00	602	73.00	2873	106.00	171	216.00	69
46.00	70	74.00	10187	107.00	80	236.00	81
47.00	966	75.00	28904	116.00	293	237.00	80
48.00	223	76.00	2551	117.00	337	238.00	68
49.00	2608	77.00	190	118.00	74	268.00	67
50.00	12512	78.00	325	119.00	300	281.00	76
51.00	4196	79.00	1879	128.00	376	283.00	70
52.00	150	80.00	447	130.00	291	294.00	68
55.00	396	81.00	1506	135.00	76	296.00	70
56.00	1043	82.00	232	141.00	571	333.00	70
57.00	1743	84.00	69	143.00	665	365.00	84
59.00	68	87.00	2450	144.00	76	419.00	82
60.00	786	88.00	2719	146.00	70	442.00	79
61.00	2719	91.00	433	153.00	169	544.00	143
62.00	2816	92.00	1519	160.00	81		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10061.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 16-Mar-2014 06:25:30 ALS Bottle#: 99 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0010935-001
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 17-Mar-2014 09:41:05 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK008

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	4.172	4.172	0.0	91	82999	NR	

Report Date: 17-Mar-2014 09:41:05 Chrom Revision: 2.2 28-Feb-2014 15:12:04

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10061.D

Injection Date: 16-Mar-2014 06:25:30 Instrument ID: CVOAMS8

Lims ID: BFB

Client ID:

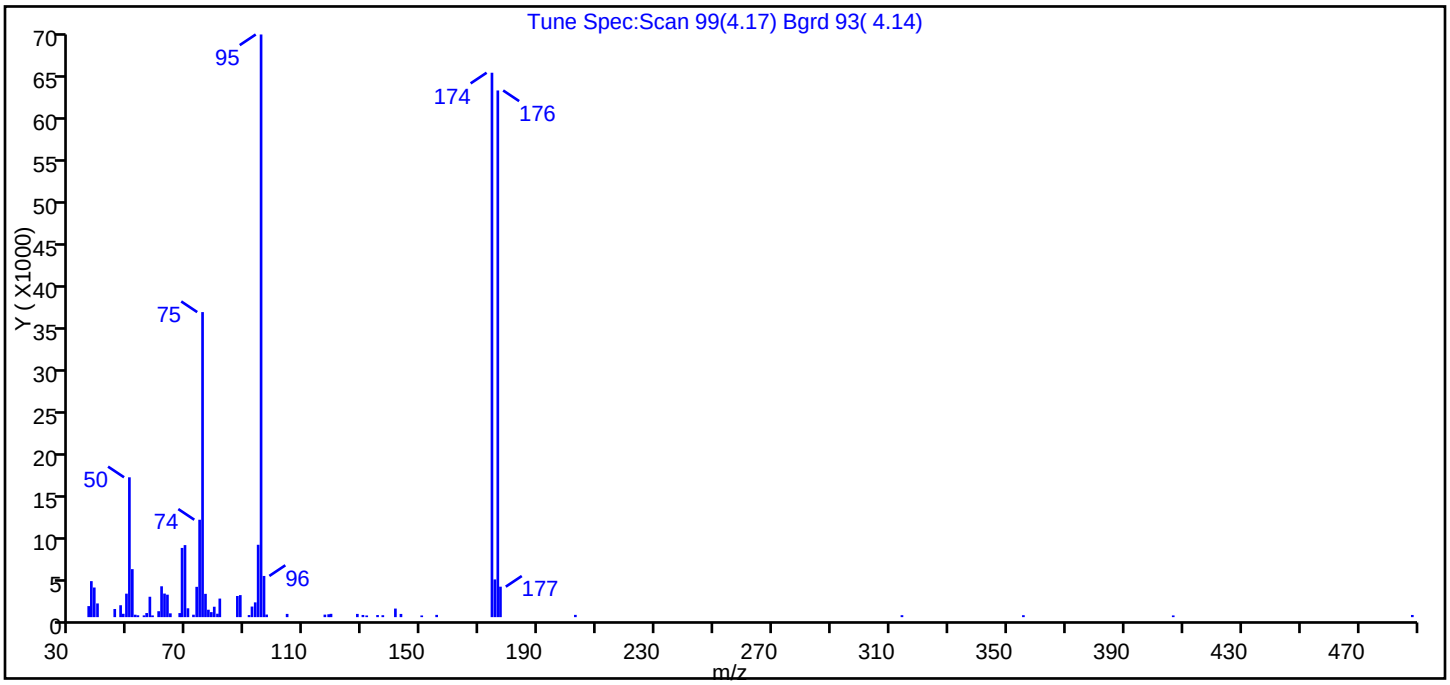
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	24.00
75	30.00 - 60.00% of mass 95	52.40
96	5.00 - 9.00% of mass 95	7.10
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	93.40
175	5.00 - 9.00% of mass 174	6.50 (6.90)
176	95.00 - 101.00% of mass 174	90.40 (96.70)
177	5.00 - 9.00% of mass 176	5.20 (5.80)

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10061.D\8260_W8.rslt\spectra.d
Injection Date: 16-Mar-2014 06:25:30
Spectrum: Tune Spec:Scan 99(4.17) Bgrd 93(4.14)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 66

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	1321	61.00	3692	80.90	2220	134.80	251
37.00	4307	62.00	2820	86.90	2530	136.60	232
38.00	3545	63.00	2687	87.90	2636	140.90	1026
39.10	1641	64.00	456	90.90	249	142.80	384
45.00	975	67.20	486	91.90	1267	149.90	202
47.00	1425	68.00	8280	93.00	1766	155.00	272
47.90	402	69.00	8616	94.00	8656	173.90	65120
49.00	2810	70.00	1060	95.00	69696	174.90	4513
50.00	16728	71.90	292	96.00	4927	175.90	63000
51.00	5743	73.00	3626	96.90	310	176.80	3644
52.00	292	74.00	11651	103.90	388	202.40	272
52.90	221	75.00	36488	116.80	302	314.00	235
55.00	212	76.00	2787	118.10	343	355.50	234
55.90	491	77.00	888	118.90	397	406.70	205
57.00	2440	78.00	600	127.90	387	488.40	260
57.90	205	79.00	1245	129.80	260		
60.00	710	80.10	409	131.10	200		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-212239/6

Matrix: Solid Lab File ID: J09917.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/12/2014 22:42

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 212239 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	4.8	U	50	4.8
74-83-9	Bromomethane	9.1	U	50	9.1
75-01-4	Vinyl chloride	7.2	U	50	7.2
75-00-3	Chloroethane	8.5	U	50	8.5
75-09-2	Methylene Chloride	9.1	U	50	9.1
67-64-1	Acetone	130	U	250	130
75-15-0	Carbon disulfide	6.3	U	50	6.3
75-69-4	Trichlorofluoromethane	7.3	U	50	7.3
75-35-4	1,1-Dichloroethene	4.4	U	50	4.4
75-34-3	1,1-Dichloroethane	6.5	U	50	6.5
156-60-5	trans-1,2-Dichloroethene	6.4	U	50	6.4
156-59-2	cis-1,2-Dichloroethene	8.9	U	50	8.9
67-66-3	Chloroform	3.9	U	50	3.9
78-93-3	2-Butanone	120	U	250	120
107-06-2	1,2-Dichloroethane	9.5	U	50	9.5
71-55-6	1,1,1-Trichloroethane	3.1	U	50	3.1
56-23-5	Carbon tetrachloride	2.9	U	50	2.9
71-43-2	Benzene	4.1	U	50	4.1
75-25-2	Bromoform	9.6	U	50	9.6
100-42-5	Styrene	5.9	U	50	5.9
100-41-4	Ethylbenzene	4.8	U	50	4.8
108-90-7	Chlorobenzene	5.5	U	50	5.5
110-82-7	Cyclohexane	7.9	U	50	7.9
98-82-8	Isopropylbenzene	3.8	U	50	3.8
591-78-6	2-Hexanone	25	U	250	25
1634-04-4	MTBE	6.9	U	50	6.9
76-13-1	Freon TF	4.1	U	50	4.1
79-20-9	Methyl acetate	17	U	250	17
123-91-1	1,4-Dioxane	1800	U	2500	1800
79-01-6	Trichloroethene	4.6	U	50	4.6
108-88-3	Toluene	7.5	U	50	7.5
10061-02-6	trans-1,3-Dichloropropene	12	U	50	12
108-10-1	4-Methyl-2-pentanone	49	U	250	49
10061-01-5	cis-1,3-Dichloropropene	9.2	U	50	9.2
95-50-1	1,2-Dichlorobenzene	10	U	50	10
541-73-1	1,3-Dichlorobenzene	6.8	U	50	6.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-212239/6

Matrix: Solid | Lab File ID: J09917.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/12/2014 22:42

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 212239 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	12	U	50	12
120-82-1	1,2,4-Trichlorobenzene	17	U	50	17
87-61-6	1,2,3-Trichlorobenzene	26	U	50	26
78-87-5	1,2-Dichloropropane	4.3	U	50	4.3
108-87-2	Methylcyclohexane	6.8	U	50	6.8
127-18-4	Tetrachloroethene	4.9	U	50	4.9
1330-20-7	Xylenes, Total	18	U	100	18
96-12-8	1,2-Dibromo-3-Chloropropane	20	U	50	20
79-34-5	1,1,2,2-Tetrachloroethane	7.9	U	50	7.9
79-00-5	1,1,2-Trichloroethane	9.4	U	50	9.4
124-48-1	Dibromochloromethane	10	U	50	10
106-93-4	1,2-Dibromoethane	14	U	50	14
75-71-8	Dichlorodifluoromethane	11	U	50	11
74-97-5	Bromochloromethane	14	U	50	14
75-27-4	Bromodichloromethane	6.3	U	50	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		75-135
2037-26-5	Toluene-d8 (Surr)	99		59-150
460-00-4	Bromofluorobenzene	99		72-133
1868-53-7	Dibromofluoromethane (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-212239/6

Matrix: Solid Lab File ID: J09917.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/12/2014 22:42

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 212239 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\J09917.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 12-Mar-2014 22:42:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: MB
Misc. Info.: 460-0010784-006
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 13-Mar-2014 13:02:09 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: manlangitf Date: 13-Mar-2014 07:42:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	3.177	3.179	-0.002	47	396171	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	4.728	4.730	-0.002	96	204038	49.3	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.086	5.083	0.003	89	278095	49.1	
* 59 Fluorobenzene	96	5.356	5.353	0.003	97	753498	50.0	
* 150 1,4-Dioxane-d8	96	6.056	6.058	-0.002	73	48512	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.031	7.028	0.003	98	773421	49.6	
* 87 Chlorobenzene-d5	117	8.823	8.820	0.003	85	634652	50.0	
$ 99 4-Bromofluorobenzene	174	10.086	10.083	0.003	92	268337	49.3	
* 116 1,4-Dichlorobenzene-d4	152	10.962	10.958	0.004	96	382262	50.0	

Report Date: 13-Mar-2014 13:02:19 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\J09917.D

Injection Date: 12-Mar-2014 22:42:30 Instrument ID: CVOAMS8 Operator ID:

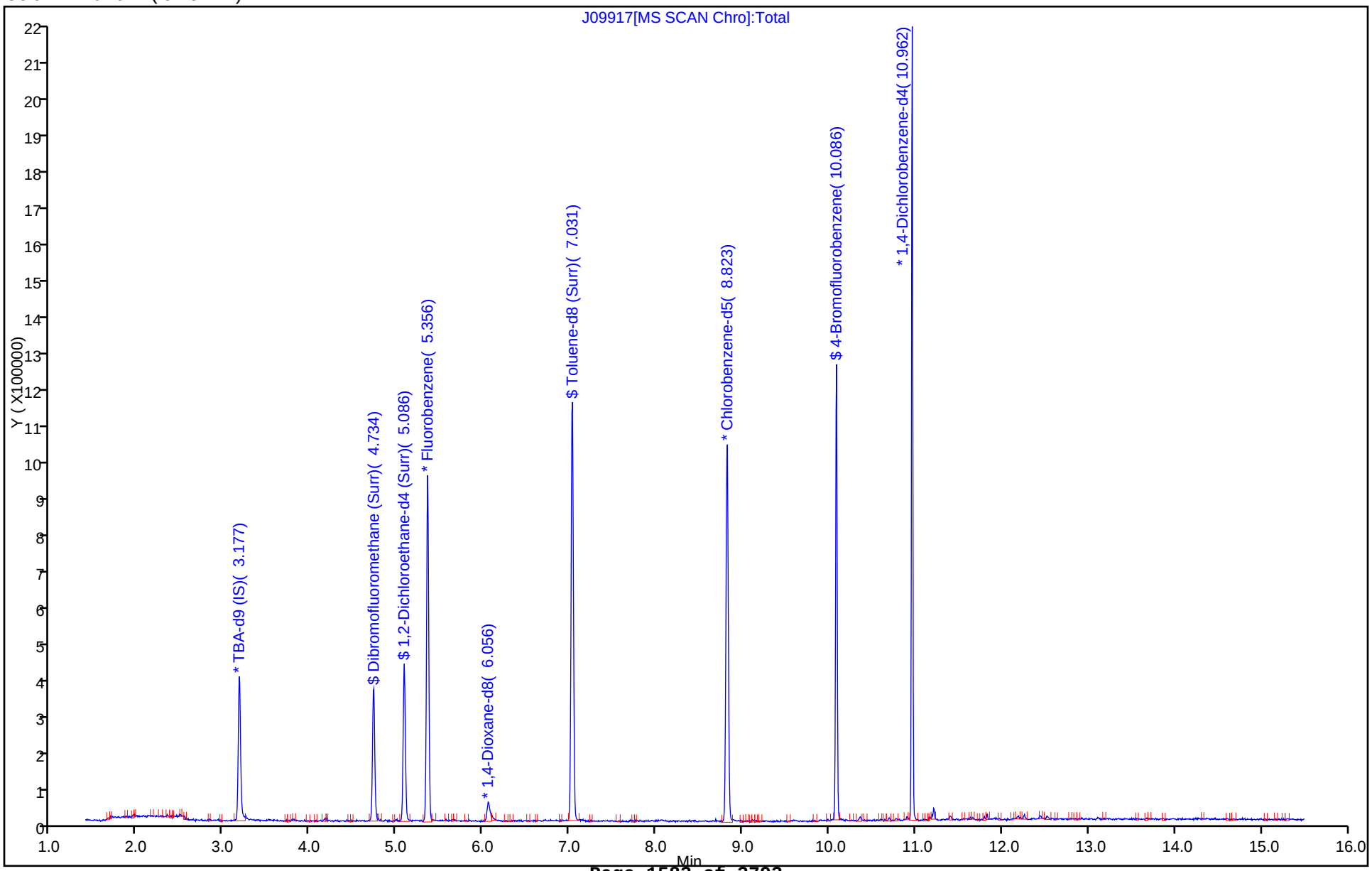
Lims ID: MB Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 5

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-212315/7

Matrix: Solid | Lab File ID: J09941.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/13/2014 11:10

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 212315 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	4.8	U	50	4.8
74-83-9	Bromomethane	9.1	U	50	9.1
75-01-4	Vinyl chloride	7.2	U	50	7.2
75-00-3	Chloroethane	8.5	U	50	8.5
75-09-2	Methylene Chloride	9.1	U	50	9.1
67-64-1	Acetone	130	U	250	130
75-15-0	Carbon disulfide	6.3	U	50	6.3
75-69-4	Trichlorofluoromethane	7.3	U	50	7.3
75-35-4	1,1-Dichloroethene	4.4	U	50	4.4
75-34-3	1,1-Dichloroethane	6.5	U	50	6.5
156-60-5	trans-1,2-Dichloroethene	6.4	U	50	6.4
156-59-2	cis-1,2-Dichloroethene	8.9	U	50	8.9
67-66-3	Chloroform	3.9	U	50	3.9
78-93-3	2-Butanone	120	U	250	120
107-06-2	1,2-Dichloroethane	9.5	U	50	9.5
71-55-6	1,1,1-Trichloroethane	3.1	U	50	3.1
56-23-5	Carbon tetrachloride	2.9	U	50	2.9
71-43-2	Benzene	4.1	U	50	4.1
75-25-2	Bromoform	9.6	U	50	9.6
100-42-5	Styrene	5.9	U	50	5.9
100-41-4	Ethylbenzene	4.8	U	50	4.8
108-90-7	Chlorobenzene	5.5	U	50	5.5
110-82-7	Cyclohexane	7.9	U	50	7.9
98-82-8	Isopropylbenzene	3.8	U	50	3.8
591-78-6	2-Hexanone	25	U	250	25
1634-04-4	MTBE	6.9	U	50	6.9
76-13-1	Freon TF	4.1	U	50	4.1
79-20-9	Methyl acetate	17	U	250	17
123-91-1	1,4-Dioxane	1800	U	2500	1800
79-01-6	Trichloroethene	4.6	U	50	4.6
108-88-3	Toluene	7.5	U	50	7.5
10061-02-6	trans-1,3-Dichloropropene	12	U	50	12
108-10-1	4-Methyl-2-pentanone	49	U	250	49
10061-01-5	cis-1,3-Dichloropropene	9.2	U	50	9.2
95-50-1	1,2-Dichlorobenzene	10	U	50	10
541-73-1	1,3-Dichlorobenzene	6.8	U	50	6.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-212315/7

Matrix: Solid | Lab File ID: J09941.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/13/2014 11:10

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 212315 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	12	U	50	12
120-82-1	1,2,4-Trichlorobenzene	17	U	50	17
87-61-6	1,2,3-Trichlorobenzene	26	U	50	26
78-87-5	1,2-Dichloropropane	4.3	U	50	4.3
108-87-2	Methylcyclohexane	6.8	U	50	6.8
127-18-4	Tetrachloroethene	4.9	U	50	4.9
1330-20-7	Xylenes, Total	18	U	100	18
96-12-8	1,2-Dibromo-3-Chloropropane	20	U	50	20
79-34-5	1,1,2,2-Tetrachloroethane	7.9	U	50	7.9
79-00-5	1,1,2-Trichloroethane	9.4	U	50	9.4
124-48-1	Dibromochloromethane	10	U	50	10
106-93-4	1,2-Dibromoethane	14	U	50	14
75-71-8	Dichlorodifluoromethane	11	U	50	11
74-97-5	Bromochloromethane	14	U	50	14
75-27-4	Bromodichloromethane	6.3	U	50	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		75-135
2037-26-5	Toluene-d8 (Surr)	98		59-150
460-00-4	Bromofluorobenzene	98		72-133
1868-53-7	Dibromofluoromethane (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-212315/7

Matrix: Solid Lab File ID: J09941.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 11:10

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 212315 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Report Date: 13-Mar-2014 15:55:25 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09941.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 13-Mar-2014 11:10:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: MB
Misc. Info.: 460-0010809-007
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 13-Mar-2014 15:55:20 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: baronm Date: 13-Mar-2014 15:42:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	3.176	3.180	-0.004	67	443640	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	4.733	4.731	0.002	95	210089	49.7	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.085	5.084	0.001	97	287892	49.8	
* 59 Fluorobenzene	96	5.355	5.354	0.001	97	769429	50.0	
* 150 1,4-Dioxane-d8	96	6.055	6.053	0.002	61	52386	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.030	7.029	0.001	99	798628	49.2	
* 87 Chlorobenzene-d5	117	8.816	8.821	-0.005	86	661348	50.0	
$ 99 4-Bromofluorobenzene	174	10.085	10.084	0.001	91	276989	48.9	
* 116 1,4-Dichlorobenzene-d4	152	10.961	10.959	0.002	96	393462	50.0	

Report Date: 13-Mar-2014 15:55:25 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09941.D

Injection Date: 13-Mar-2014 11:10:30 Instrument ID: CVOAMS8 Operator ID:

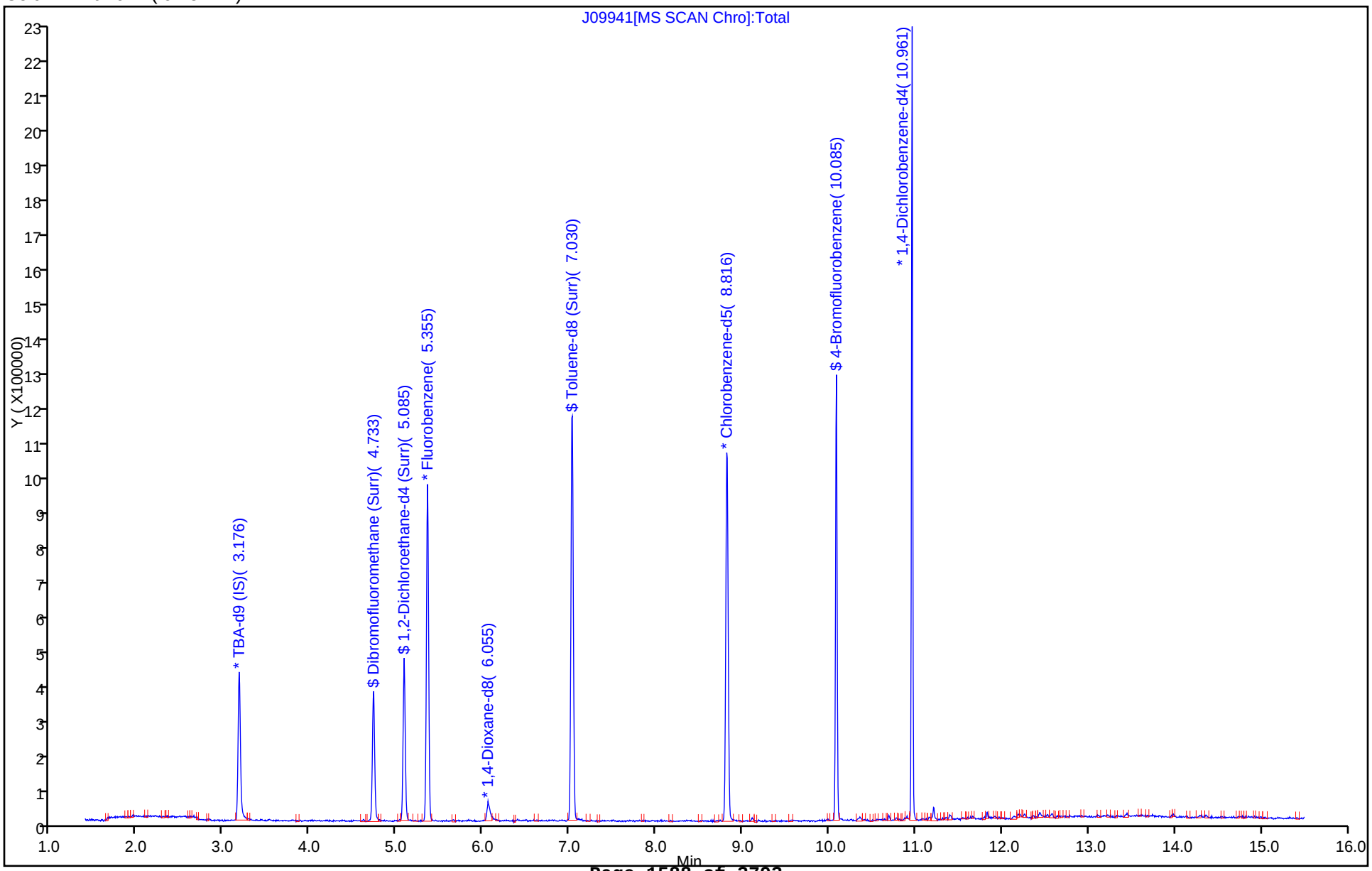
Lims ID: MB Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 6

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-212326/6

Matrix: Solid Lab File ID: D367286.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 08:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 212326 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.15	U	1.0	0.15
67-64-1	Acetone	3.33	J	5.0	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	5.0	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	5.0	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	5.0	0.32
123-91-1	1,4-Dioxane	13	U	20	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-212326/6

Matrix: Solid | Lab File ID: D367286.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/13/2014 08:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.67	U	2.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	Bromofluorobenzene	96		70-130
1868-53-7	Dibromofluoromethane (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-212326/6

Matrix: Solid Lab File ID: D367286.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 08:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 212326 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367286.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 13-Mar-2014 08:32:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0010815-006
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 12:56:47 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: baronm Date: 14-Mar-2014 18:58:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	2.422	2.419	0.003	67	2803	3.33	
* 151 TBA-d9 (IS)	65	2.634	2.628	0.006	60	169933	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.705	3.702	0.003	91	115008	49.3	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.155	4.152	0.003	93	104259	51.3	
* 59 Fluorobenzene	96	4.413	4.409	0.003	88	531022	50.0	
* 150 1,4-Dioxane-d8	96	5.374	5.377	-0.003	1	10465	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.075	6.072	0.003	90	498251	46.8	
* 87 Chlorobenzene-d5	117	7.779	7.776	0.003	85	307988	50.0	
$ 99 4-Bromofluorobenzene	174	8.859	8.853	0.006	75	104699	48.1	
* 116 1,4-Dichlorobenzene-d4	152	9.721	9.721	0.0	89	148060	50.0	

Report Date: 15-Mar-2014 12:56:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367286.D

Injection Date: 13-Mar-2014 08:32:30 Instrument ID: CVOAMS4 Operator ID:

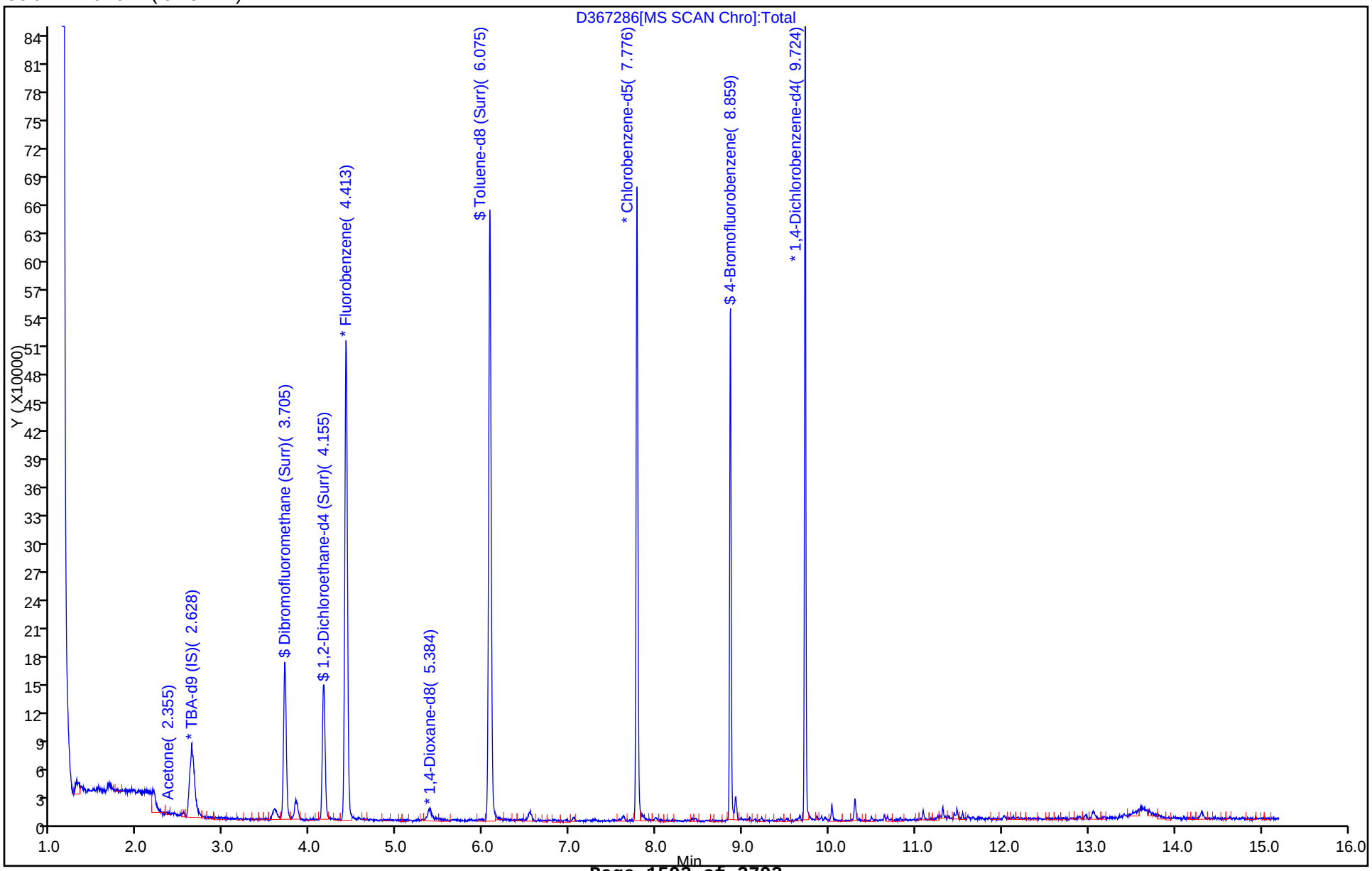
Lims ID: MB Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



Report Date: 15-Mar-2014 12:56:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367286.D

Injection Date: 13-Mar-2014 08:32:30 Instrument ID: CVOAMS4

Lims ID: MB

Client ID:

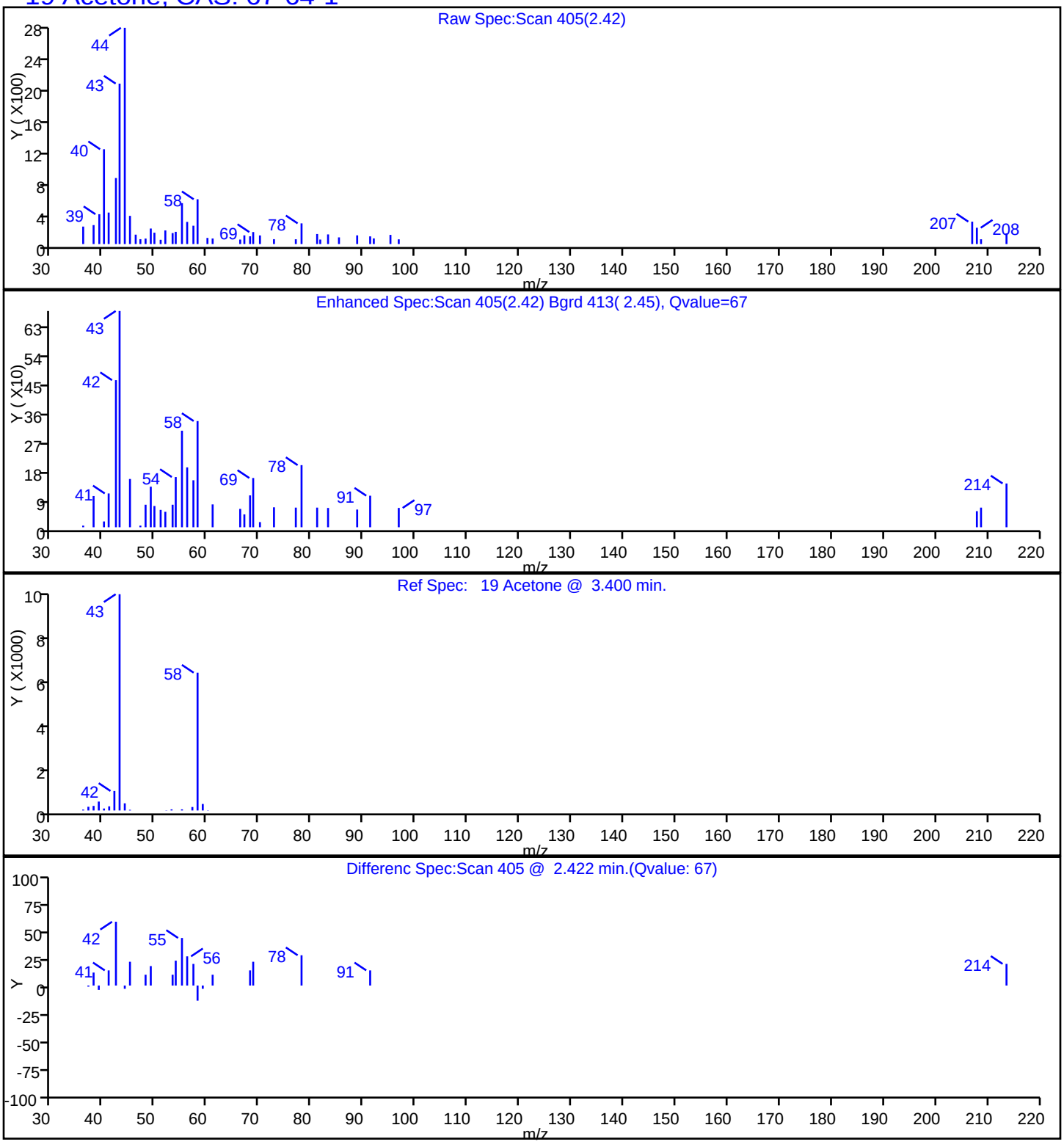
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 Acetone, CAS: 67-64-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-212478/7

Matrix: Solid Lab File ID: D367314.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 21:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 212478 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.15	U	1.0	0.15
67-64-1	Acetone	3.94	J	5.0	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	5.0	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	5.0	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	5.0	0.32
123-91-1	1,4-Dioxane	13	U	20	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-212478/7

Matrix: Solid | Lab File ID: D367314.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/13/2014 21:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212478 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.67	U	2.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	97		70-130
1868-53-7	Dibromofluoromethane (Surr)	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-212478/7

Matrix: Solid Lab File ID: D367314.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 21:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 212478 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Report Date: 15-Mar-2014 14:27:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367314.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 13-Mar-2014 21:20:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0010833-007
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 14:27:03 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: baronm Date: 15-Mar-2014 14:27:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	2.400	2.413	-0.013	35	3256	3.94	
* 151 TBA-d9 (IS)	65	2.634	2.635	-0.001	79	166524	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.702	3.699	0.003	90	95812	48.4	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.149	4.146	0.003	96	92339	53.5	
* 59 Fluorobenzene	96	4.409	4.410	-0.001	88	450232	50.0	
* 150 1,4-Dioxane-d8	96	5.380	5.377	0.003	1	10854	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.072	6.075	-0.003	97	440849	47.7	
* 87 Chlorobenzene-d5	117	7.776	7.776	0.0	84	267448	50.0	
$ 99 4-Bromofluorobenzene	174	8.856	8.856	0.0	73	95141	48.4	
* 116 1,4-Dichlorobenzene-d4	152	9.721	9.721	0.0	90	133696	50.0	

Report Date: 15-Mar-2014 14:27:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367314.D

Injection Date: 13-Mar-2014 21:20:30 Instrument ID: CVOAMS4 Operator ID:

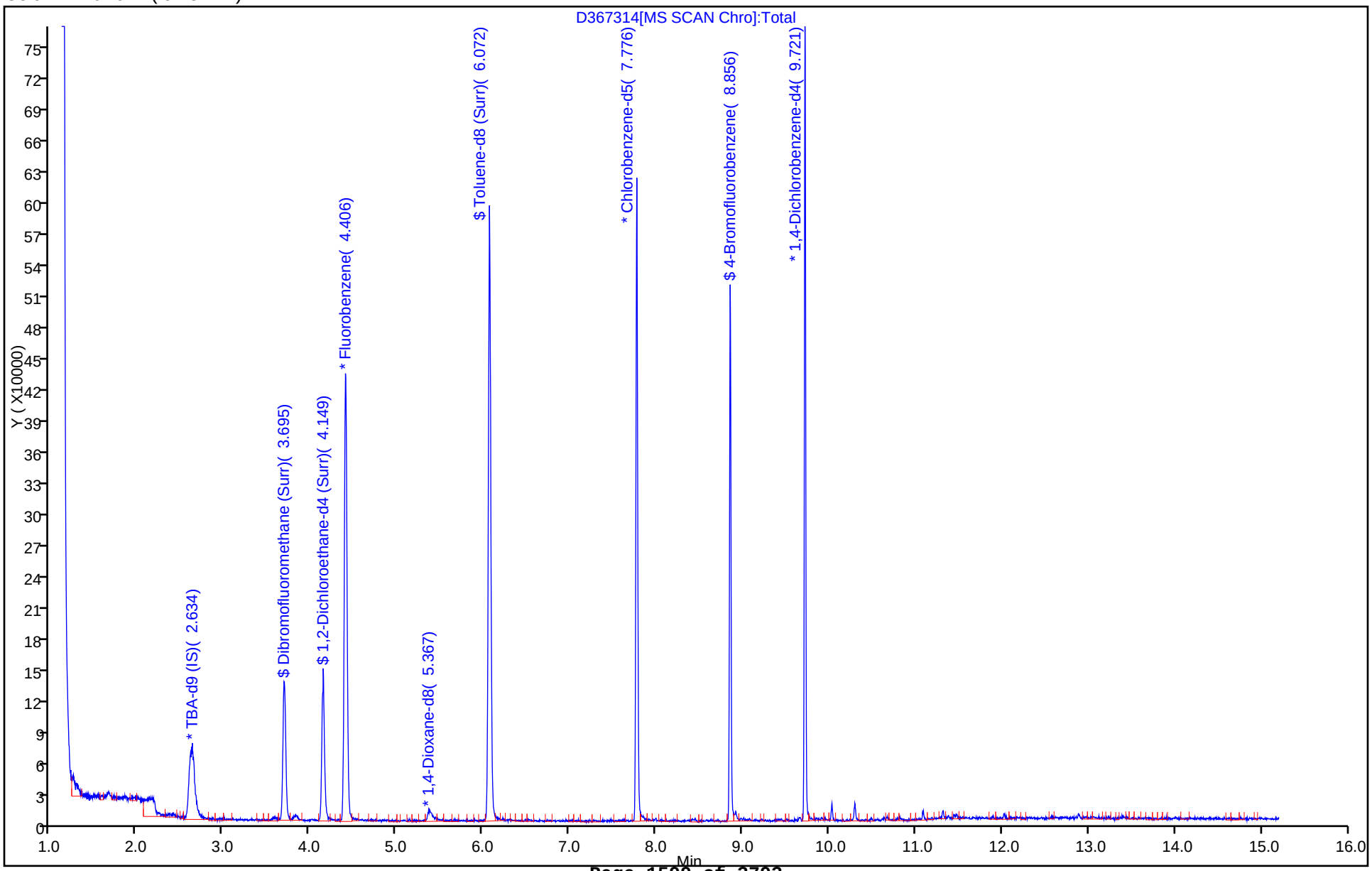
Lims ID: MB Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



Report Date: 15-Mar-2014 14:27:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367314.D

Injection Date: 13-Mar-2014 21:20:30 Instrument ID: CVOAMS4

Lims ID: MB

Client ID:

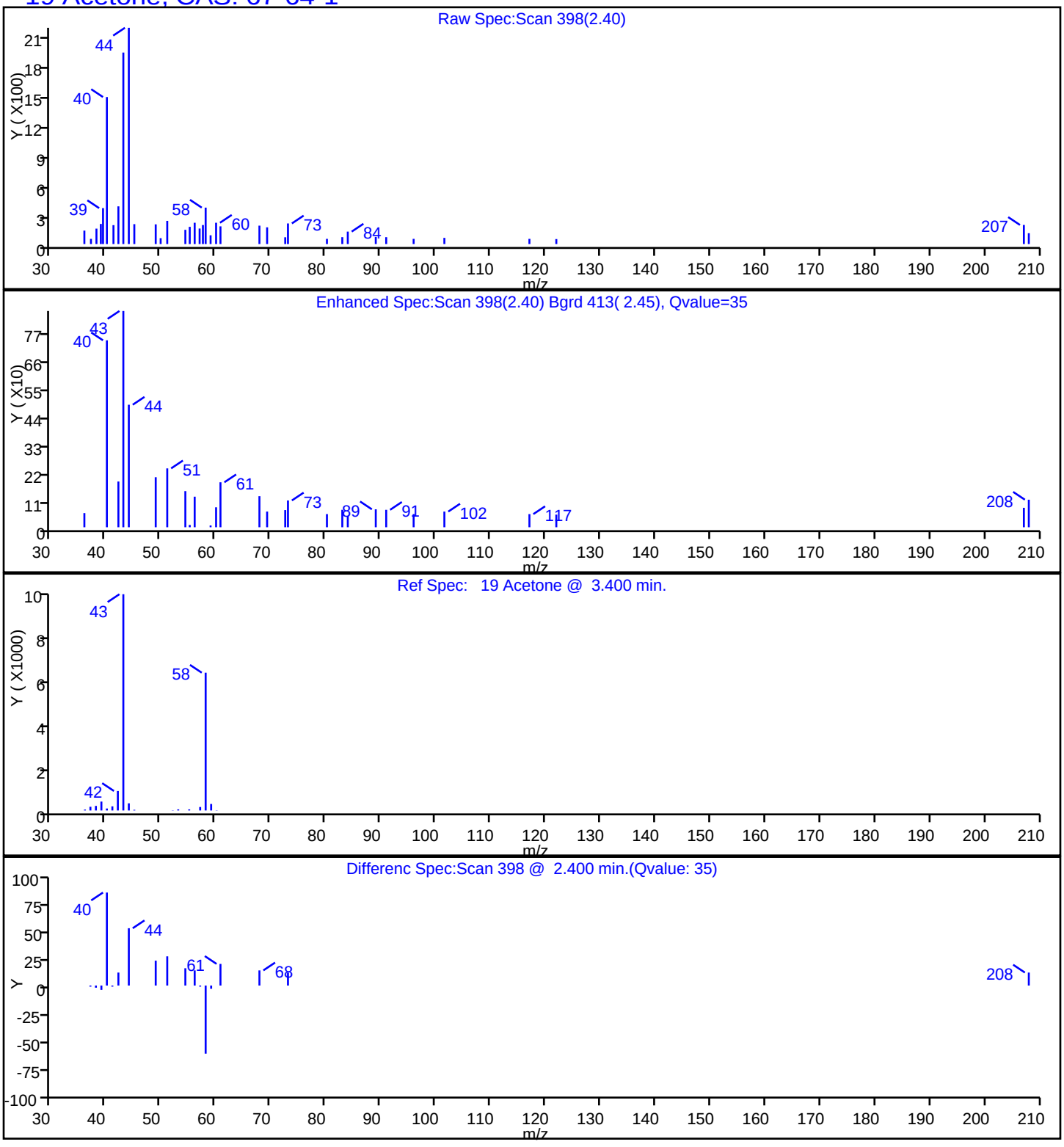
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 Acetone, CAS: 67-64-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-212509/6

Matrix: Solid Lab File ID: J09967.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 23:22

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 212509 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	4.8	U	50	4.8
74-83-9	Bromomethane	9.1	U	50	9.1
75-01-4	Vinyl chloride	7.2	U	50	7.2
75-00-3	Chloroethane	8.5	U	50	8.5
75-09-2	Methylene Chloride	9.1	U	50	9.1
67-64-1	Acetone	130	U	250	130
75-15-0	Carbon disulfide	6.3	U	50	6.3
75-69-4	Trichlorofluoromethane	7.3	U	50	7.3
75-35-4	1,1-Dichloroethene	4.4	U	50	4.4
75-34-3	1,1-Dichloroethane	6.5	U	50	6.5
156-60-5	trans-1,2-Dichloroethene	6.4	U	50	6.4
156-59-2	cis-1,2-Dichloroethene	8.9	U	50	8.9
67-66-3	Chloroform	3.9	U	50	3.9
78-93-3	2-Butanone	120	U	250	120
107-06-2	1,2-Dichloroethane	9.5	U	50	9.5
71-55-6	1,1,1-Trichloroethane	3.1	U	50	3.1
56-23-5	Carbon tetrachloride	2.9	U	50	2.9
71-43-2	Benzene	4.1	U	50	4.1
75-25-2	Bromoform	9.6	U	50	9.6
100-42-5	Styrene	5.9	U	50	5.9
100-41-4	Ethylbenzene	4.8	U	50	4.8
108-90-7	Chlorobenzene	5.5	U	50	5.5
110-82-7	Cyclohexane	7.9	U	50	7.9
98-82-8	Isopropylbenzene	3.8	U	50	3.8
591-78-6	2-Hexanone	25	U	250	25
1634-04-4	MTBE	6.9	U	50	6.9
76-13-1	Freon TF	4.1	U	50	4.1
79-20-9	Methyl acetate	17	U	250	17
123-91-1	1,4-Dioxane	1800	U	2500	1800
79-01-6	Trichloroethene	4.6	U	50	4.6
108-88-3	Toluene	7.5	U	50	7.5
10061-02-6	trans-1,3-Dichloropropene	12	U	50	12
108-10-1	4-Methyl-2-pentanone	49	U	250	49
10061-01-5	cis-1,3-Dichloropropene	9.2	U	50	9.2
95-50-1	1,2-Dichlorobenzene	10	U	50	10
541-73-1	1,3-Dichlorobenzene	6.8	U	50	6.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-212509/6

Matrix: Solid | Lab File ID: J09967.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/13/2014 23:22

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 212509 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	12	U	50	12
120-82-1	1,2,4-Trichlorobenzene	17	U	50	17
87-61-6	1,2,3-Trichlorobenzene	26	U	50	26
78-87-5	1,2-Dichloropropane	4.3	U	50	4.3
108-87-2	Methylcyclohexane	6.8	U	50	6.8
127-18-4	Tetrachloroethene	4.9	U	50	4.9
1330-20-7	Xylenes, Total	18	U	100	18
96-12-8	1,2-Dibromo-3-Chloropropane	20	U	50	20
79-34-5	1,1,2,2-Tetrachloroethane	7.9	U	50	7.9
79-00-5	1,1,2-Trichloroethane	9.4	U	50	9.4
124-48-1	Dibromochloromethane	10	U	50	10
106-93-4	1,2-Dibromoethane	14	U	50	14
75-71-8	Dichlorodifluoromethane	11	U	50	11
74-97-5	Bromochloromethane	14	U	50	14
75-27-4	Bromodichloromethane	6.3	U	50	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		75-135
2037-26-5	Toluene-d8 (Surr)	101		59-150
460-00-4	Bromofluorobenzene	102		72-133
1868-53-7	Dibromofluoromethane (Surr)	101		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-212509/6

Matrix: Solid Lab File ID: J09967.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 23:22

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 212509 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09967.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 13-Mar-2014 23:22:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: MB
Misc. Info.: 460-0010838-006
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 07:58:00 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: delpolitov Date: 14-Mar-2014 07:58:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	3.177	3.176	0.001	74	388610	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	4.728	4.727	0.001	94	217654	50.4	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.086	5.080	0.006	88	293500	49.8	
* 59 Fluorobenzene	96	5.351	5.356	-0.005	97	785357	50.0	
* 150 1,4-Dioxane-d8	96	6.056	6.055	0.001	67	47910	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.025	7.024	0.001	99	823252	50.6	
* 87 Chlorobenzene-d5	117	8.817	8.816	0.001	87	663124	50.0	
$ 99 4-Bromofluorobenzene	174	10.080	10.085	-0.005	91	289153	50.9	
* 116 1,4-Dichlorobenzene-d4	152	10.962	10.961	0.001	96	400508	50.0	

Report Date: 14-Mar-2014 07:58:01 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09967.D

Injection Date: 13-Mar-2014 23:22:30 Instrument ID: CVOAMS8 Operator ID:

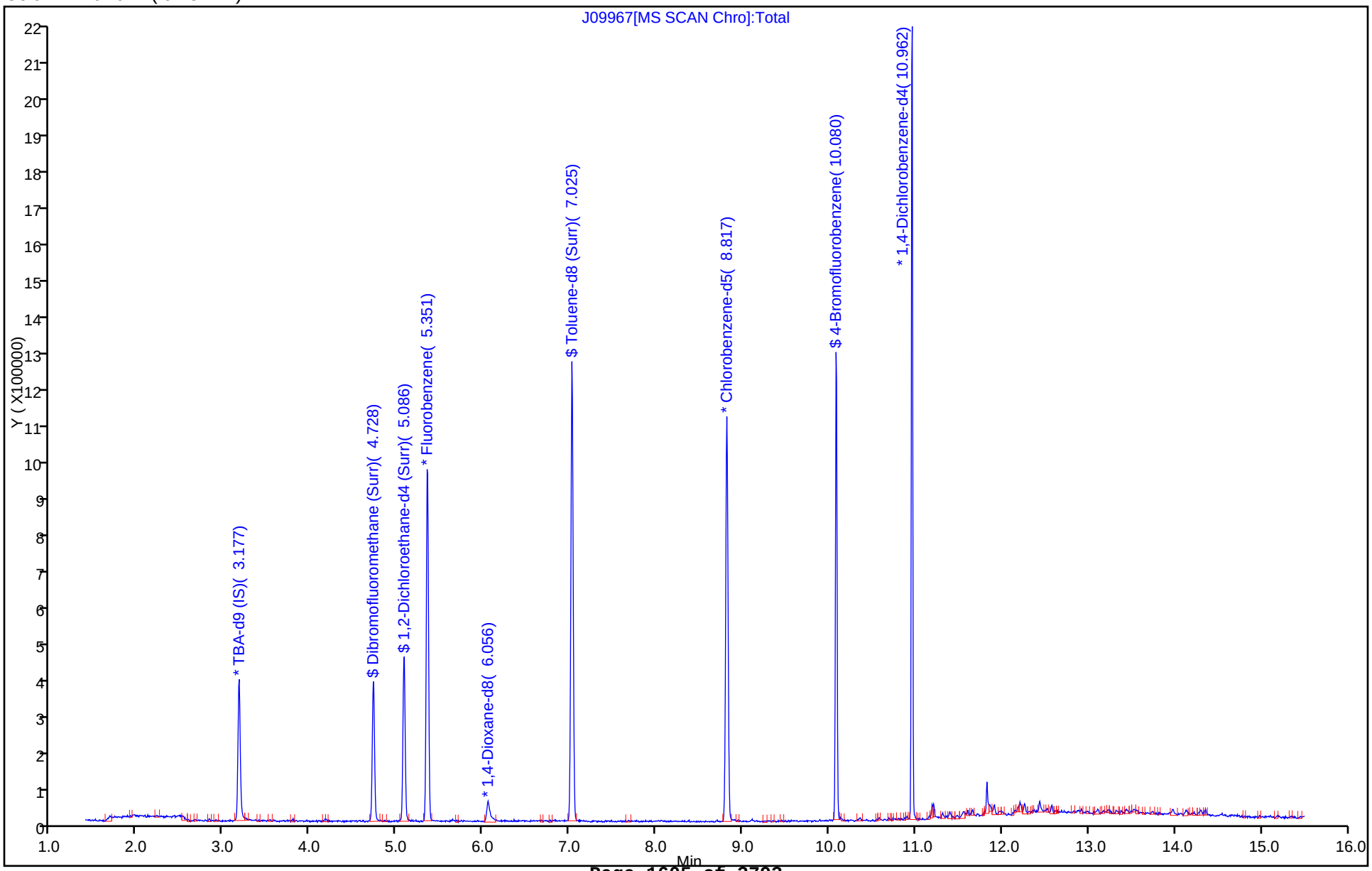
Lims ID: MB Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 5

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-212557/7

Matrix: Water | Lab File ID: A00583.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/14/2014 08:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212557 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.10	U	1.0	0.10
74-83-9	Bromomethane	0.18	U	1.0	0.18
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
67-66-3	Chloroform	0.080	U	1.0	0.080
78-93-3	2-Butanone	2.3	U	5.0	2.3
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.080	U	1.0	0.080
75-25-2	Bromoform	0.19	U	1.0	0.19
100-42-5	Styrene	0.12	U	1.0	0.12
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
110-82-7	Cyclohexane	0.16	U	1.0	0.16
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
591-78-6	2-Hexanone	0.50	U	5.0	0.50
1634-04-4	MTBE	0.14	U	1.0	0.14
76-13-1	Freon TF	0.080	U	1.0	0.080
79-20-9	Methyl acetate	0.34	U	5.0	0.34
123-91-1	1,4-Dioxane	36	U	50	36
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24
108-10-1	4-Methyl-2-pentanone	0.99	U	5.0	0.99
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-212557/7

Matrix: Water | Lab File ID: A00583.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/14/2014 08:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212557 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	0.51	U	1.0	0.51
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
1330-20-7	Xylenes, Total	0.13	U	2.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
124-48-1	Dibromochloromethane	0.20	U	1.0	0.20
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.27	U	1.0	0.27
75-27-4	Bromodichloromethane	0.12	U	1.0	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	101		70-130
1868-53-7	Dibromofluoromethane (Surr)	100		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-212557/7

Matrix: Water Lab File ID: A00583.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/14/2014 08:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 212557 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS1\20140314-10853.b\A00583.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 14-Mar-2014 08:42:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0010853-007
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\EDICHROM\ChromData\CVOAMS1\20140314-10853.b\8260624W_1.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 13:27:00 Calib Date: 11-Mar-2014 13:55:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS1\20140311-10690.b\A00422.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: moroneyc Date: 14-Mar-2014 09:28:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.588	3.581	0.007	88	299204	1000.0	
$ 52 Dibromofluoromethane (Surr)	113	4.947	4.947	0.0	56	173949	50.1	
$ 56 1,2-Dichloroethane-d4 (Surr)	65	5.234	5.233	0.001	53	209972	53.0	
* 62 Fluorobenzene	96	5.441	5.447	-0.006	98	638402	50.0	
* 69 1,4-Dioxane-d8	96	6.014	6.008	0.006	1	23900	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.813	6.812	0.001	99	660537	50.0	
* 90 Chlorobenzene-d5	117	7.910	7.910	0.0	86	407472	50.0	
$ 101 4-Bromofluorobenzene	174	8.641	8.641	0.0	88	202729	50.4	
* 117 1,4-Dichlorobenzene-d4	152	9.306	9.306	0.0	96	238175	50.0	

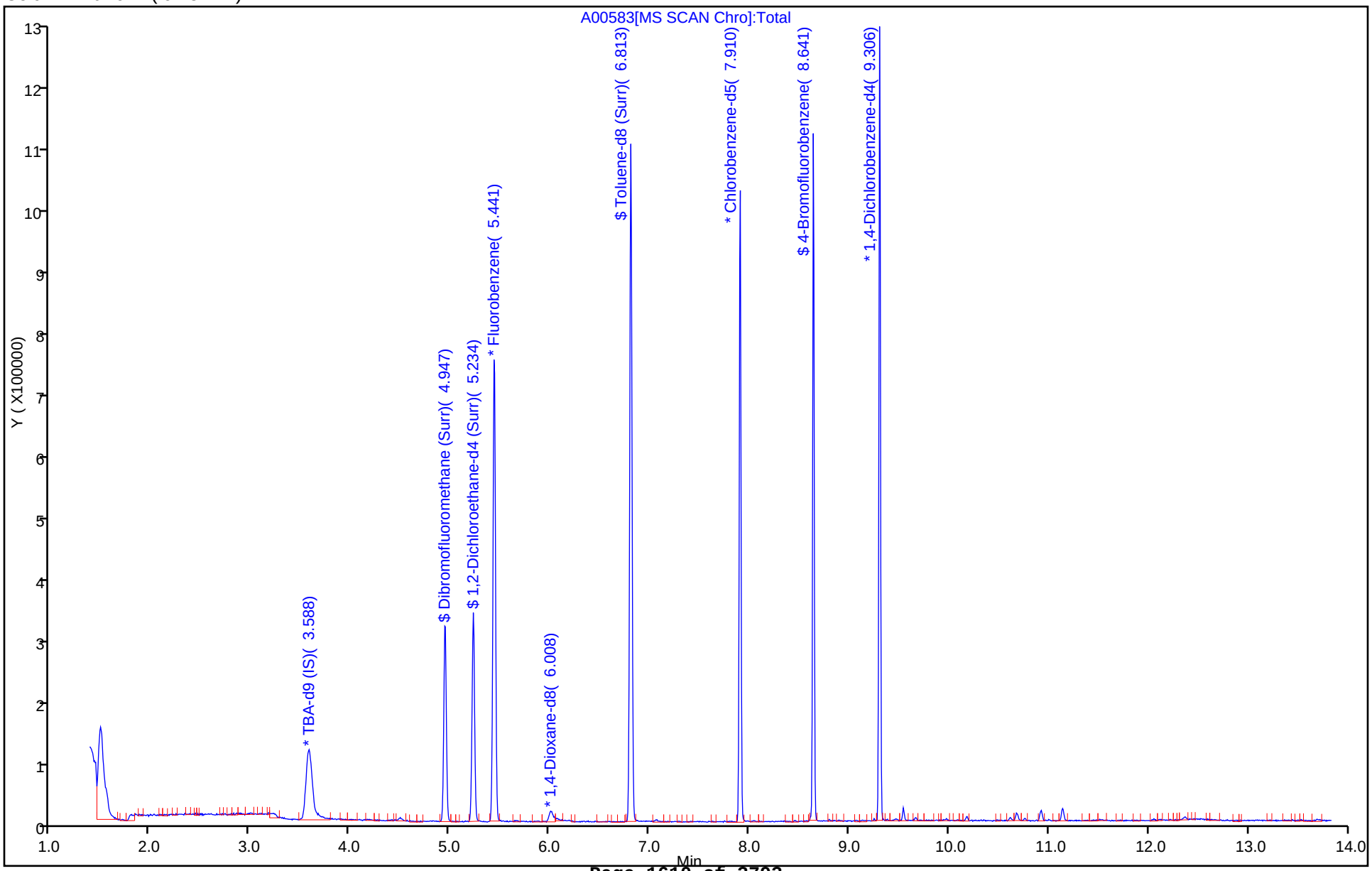
Report Date: 14-Mar-2014 13:40:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140314-10853.b\A00583.D

Injection Date:	14-Mar-2014 08:42:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260624W_1	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-212576/6

Matrix: Solid Lab File ID: D367338.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/14/2014 08:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 212576 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.15	U	1.0	0.15
67-64-1	Acetone	6.59		5.0	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	5.0	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	5.0	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	5.0	0.32
123-91-1	1,4-Dioxane	13	U	20	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-212576/6

Matrix: Solid | Lab File ID: D367338.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/14/2014 08:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212576 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.67	U	2.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
460-00-4	Bromofluorobenzene	94		70-130
1868-53-7	Dibromofluoromethane (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-212576/6

Matrix: Solid | Lab File ID: D367338.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/14/2014 08:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212576 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 0.0611

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	
108-70-3	1,3,5-Trichlorobenzene	10.64	0.0611	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367338.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 14-Mar-2014 08:13:30 ALS Bottle#: 4 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0010860-006
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 16:59:28 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: baronm Date: 14-Mar-2014 16:59:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	2.416	2.419	-0.003	76	4603	6.59	
* 151 TBA-d9 (IS)	65	2.622	2.638	-0.016	85	140889	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.699	3.702	-0.003	90	90615	47.7	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.149	4.152	-0.003	96	85216	51.5	
* 59 Fluorobenzene	96	4.409	4.413	-0.004	88	431715	50.0	
* 150 1,4-Dioxane-d8	96	5.374	5.374	0.0	1	8679	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.078	6.075	0.003	90	401375	46.0	
* 87 Chlorobenzene-d5	117	7.776	7.779	-0.003	87	252689	50.0	
$ 99 4-Bromofluorobenzene	174	8.856	8.860	-0.004	75	85526	47.0	
* 116 1,4-Dichlorobenzene-d4	152	9.721	9.724	-0.003	92	123772	50.0	
145 1,3,5-Trichlorobenzene	180	10.641	10.638	0.003	22	264	0.0611	

Report Date: 14-Mar-2014 16:59:29 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367338.D

Injection Date: 14-Mar-2014 08:13:30 Instrument ID: CVOAMS4 Operator ID:

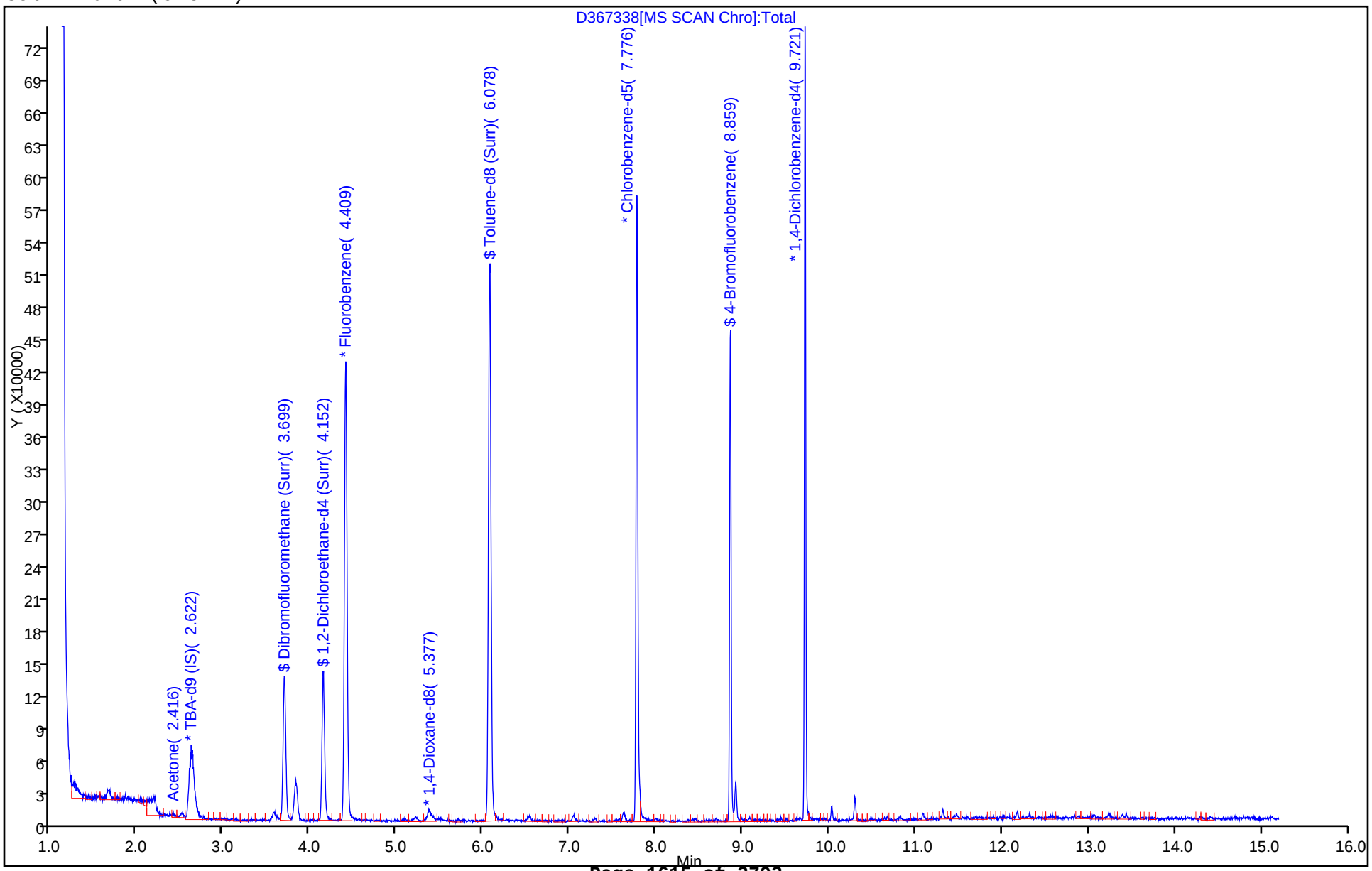
Lims ID: MB Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



Report Date: 14-Mar-2014 16:59:29 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367338.D

Injection Date: 14-Mar-2014 08:13:30 Instrument ID: CVOAMS4

Lims ID: MB

Client ID:

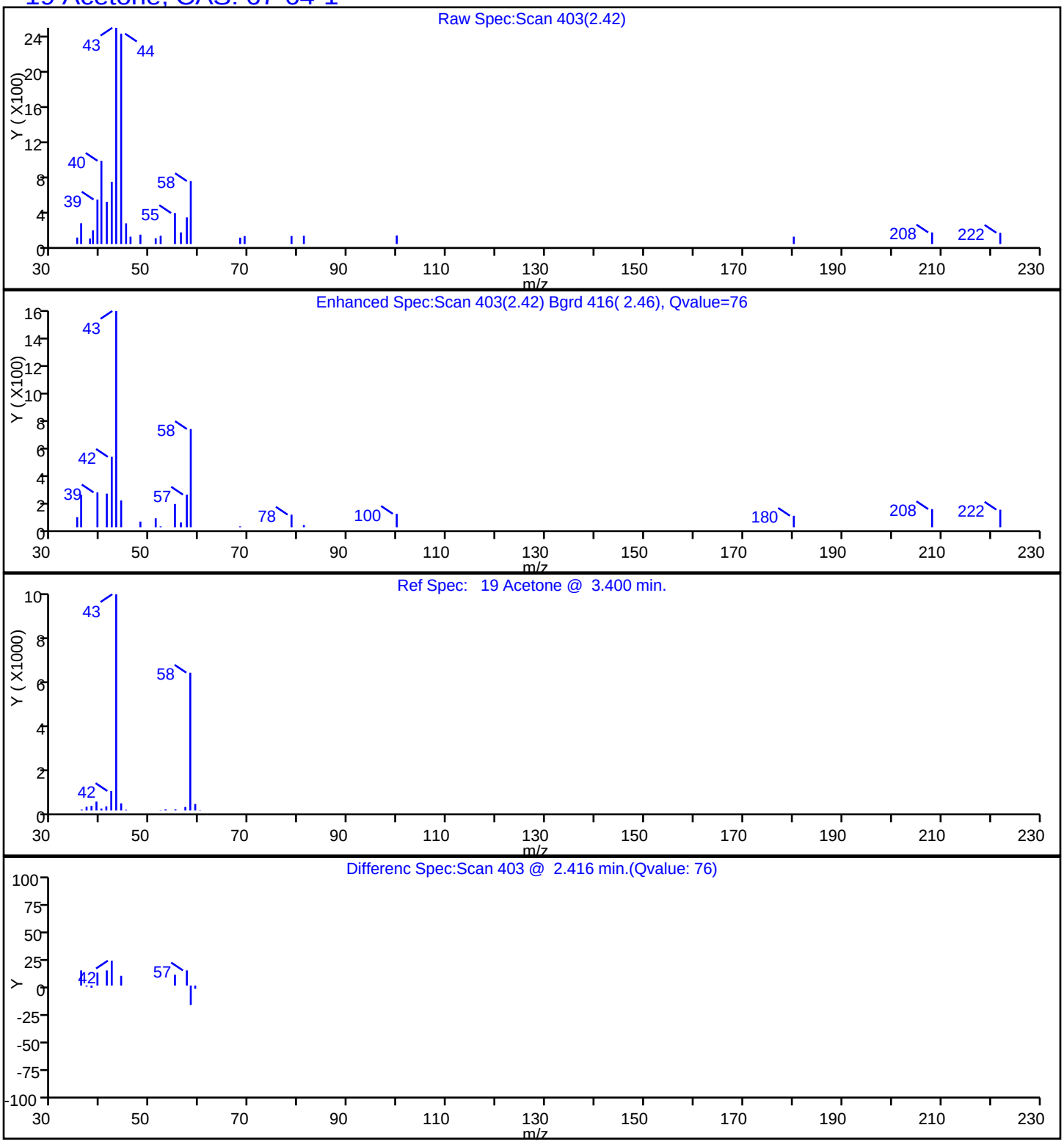
Operator ID: ALS Bottle#: 4 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 Acetone, CAS: 67-64-1



Report Date: 14-Mar-2014 16:59:29 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367338.D

Injection Date: 14-Mar-2014 08:13:30 Instrument ID: CVOAMS4

Lims ID: MB

Client ID:

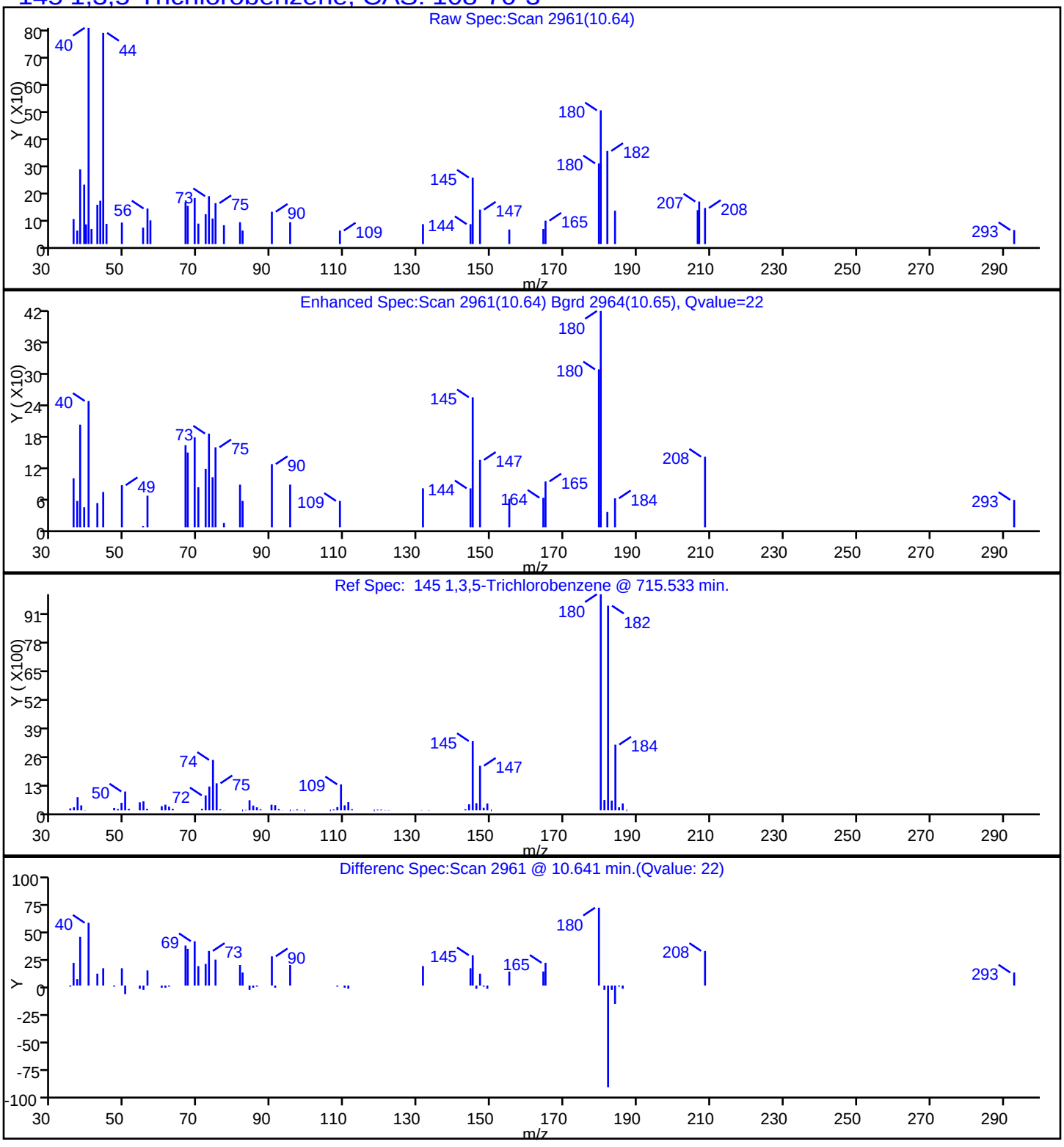
Operator ID: ALS Bottle#: 4 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

145 1,3,5-Trichlorobenzene, CAS: 108-70-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-212770/6

Matrix: Solid Lab File ID: J10020.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/15/2014 00:44

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 212770 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	4.8	U	50	4.8
74-83-9	Bromomethane	9.1	U	50	9.1
75-01-4	Vinyl chloride	7.2	U	50	7.2
75-00-3	Chloroethane	8.5	U	50	8.5
75-09-2	Methylene Chloride	9.1	U	50	9.1
67-64-1	Acetone	130	U	250	130
75-15-0	Carbon disulfide	6.3	U	50	6.3
75-69-4	Trichlorofluoromethane	7.3	U	50	7.3
75-35-4	1,1-Dichloroethene	4.4	U	50	4.4
75-34-3	1,1-Dichloroethane	6.5	U	50	6.5
156-60-5	trans-1,2-Dichloroethene	6.4	U	50	6.4
156-59-2	cis-1,2-Dichloroethene	8.9	U	50	8.9
67-66-3	Chloroform	3.9	U	50	3.9
78-93-3	2-Butanone	120	U	250	120
107-06-2	1,2-Dichloroethane	9.5	U	50	9.5
71-55-6	1,1,1-Trichloroethane	3.1	U	50	3.1
56-23-5	Carbon tetrachloride	2.9	U	50	2.9
71-43-2	Benzene	4.1	U	50	4.1
75-25-2	Bromoform	9.6	U	50	9.6
100-42-5	Styrene	5.9	U	50	5.9
100-41-4	Ethylbenzene	4.8	U	50	4.8
108-90-7	Chlorobenzene	5.5	U	50	5.5
110-82-7	Cyclohexane	7.9	U	50	7.9
98-82-8	Isopropylbenzene	3.8	U	50	3.8
591-78-6	2-Hexanone	25	U	250	25
1634-04-4	MTBE	6.9	U	50	6.9
76-13-1	Freon TF	4.1	U	50	4.1
79-20-9	Methyl acetate	17	U	250	17
123-91-1	1,4-Dioxane	1800	U	2500	1800
79-01-6	Trichloroethene	4.6	U	50	4.6
108-88-3	Toluene	7.5	U	50	7.5
10061-02-6	trans-1,3-Dichloropropene	12	U	50	12
108-10-1	4-Methyl-2-pentanone	49	U	250	49
10061-01-5	cis-1,3-Dichloropropene	9.2	U	50	9.2
95-50-1	1,2-Dichlorobenzene	10	U	50	10
541-73-1	1,3-Dichlorobenzene	6.8	U	50	6.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-212770/6

Matrix: Solid | Lab File ID: J10020.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/15/2014 00:44

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 212770 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	12	U	50	12
120-82-1	1,2,4-Trichlorobenzene	17	U	50	17
87-61-6	1,2,3-Trichlorobenzene	26	U	50	26
78-87-5	1,2-Dichloropropane	4.3	U	50	4.3
108-87-2	Methylcyclohexane	6.8	U	50	6.8
127-18-4	Tetrachloroethene	4.9	U	50	4.9
1330-20-7	Xylenes, Total	18	U	100	18
96-12-8	1,2-Dibromo-3-Chloropropane	20	U	50	20
79-34-5	1,1,2,2-Tetrachloroethane	7.9	U	50	7.9
79-00-5	1,1,2-Trichloroethane	9.4	U	50	9.4
124-48-1	Dibromochloromethane	10	U	50	10
106-93-4	1,2-Dibromoethane	14	U	50	14
75-71-8	Dichlorodifluoromethane	11	U	50	11
74-97-5	Bromochloromethane	14	U	50	14
75-27-4	Bromodichloromethane	6.3	U	50	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		75-135
2037-26-5	Toluene-d8 (Surr)	98		59-150
460-00-4	Bromofluorobenzene	96		72-133
1868-53-7	Dibromofluoromethane (Surr)	96		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-212770/6

Matrix: Solid Lab File ID: J10020.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/15/2014 00:44

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 212770 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10892.b\J10020.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 15-Mar-2014 00:44:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: MB
Misc. Info.: 460-0010892-006
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140314-10892.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 17:26:49 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: baronm Date: 15-Mar-2014 17:05:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	3.176	3.180	-0.004	76	419215	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	4.727	4.725	0.002	95	211008	48.0	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.086	5.083	0.003	90	294272	49.0	
* 59 Fluorobenzene	96	5.356	5.354	0.002	97	799080	50.0	
* 150 1,4-Dioxane-d8	96	6.055	6.053	0.002	87	53141	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.025	7.028	-0.003	98	812857	49.2	
* 87 Chlorobenzene-d5	117	8.817	8.820	-0.003	88	673473	50.0	
$ 99 4-Bromofluorobenzene	174	10.086	10.084	0.002	93	278347	48.2	
* 116 1,4-Dichlorobenzene-d4	152	10.961	10.959	0.002	95	391776	50.0	

Report Date: 15-Mar-2014 17:26:50 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10892.b\J10020.D

Injection Date: 15-Mar-2014 00:44:30 Instrument ID: CVOAMS8 Operator ID:

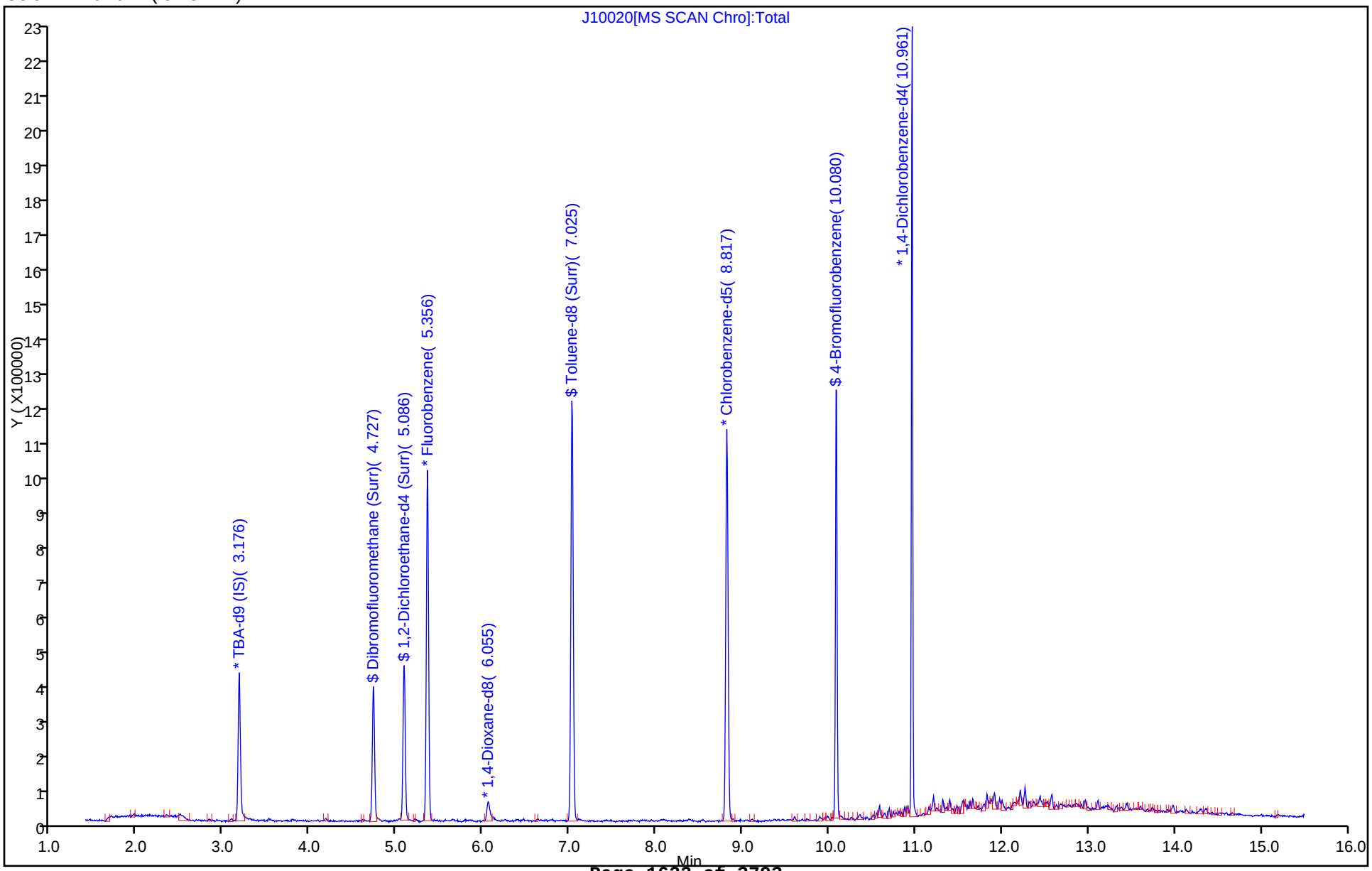
Lims ID: MB Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 5

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-212899/6

Matrix: Solid Lab File ID: D367422.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/16/2014 08:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 212899 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.15	U	1.0	0.15
67-64-1	Acetone	1.7	U	5.0	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	5.0	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	5.0	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	5.0	0.32
123-91-1	1,4-Dioxane	13	U	20	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-212899/6

Matrix: Solid | Lab File ID: D367422.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/16/2014 08:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212899 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.67	U	2.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	85		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	100		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-212899/6

Matrix: Solid Lab File ID: D367422.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/16/2014 08:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 212899 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367422.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 16-Mar-2014 08:30:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0010932-006
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 17-Mar-2014 09:22:05 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: delpolitov Date: 17-Mar-2014 09:03:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.628	2.631	-0.003	66	173226	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.705	3.705	0.0	91	135907	50.2	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.149	4.149	0.0	98	114572	48.5	
* 59 Fluorobenzene	96	4.412	4.413	-0.001	89	616412	50.0	
* 150 1,4-Dioxane-d8	96	5.380	5.374	0.006	1	15715	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.078	6.078	0.0	90	584208	42.6	
* 87 Chlorobenzene-d5	117	7.776	7.779	-0.003	83	396898	50.0	
$ 99 4-Bromofluorobenzene	174	8.859	8.859	0.0	82	150889	49.4	
* 116 1,4-Dichlorobenzene-d4	152	9.724	9.724	0.0	89	207775	50.0	

Report Date: 17-Mar-2014 09:53:04 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367422.D

Injection Date: 16-Mar-2014 08:30:30 Instrument ID: CVOAMS4 Operator ID:

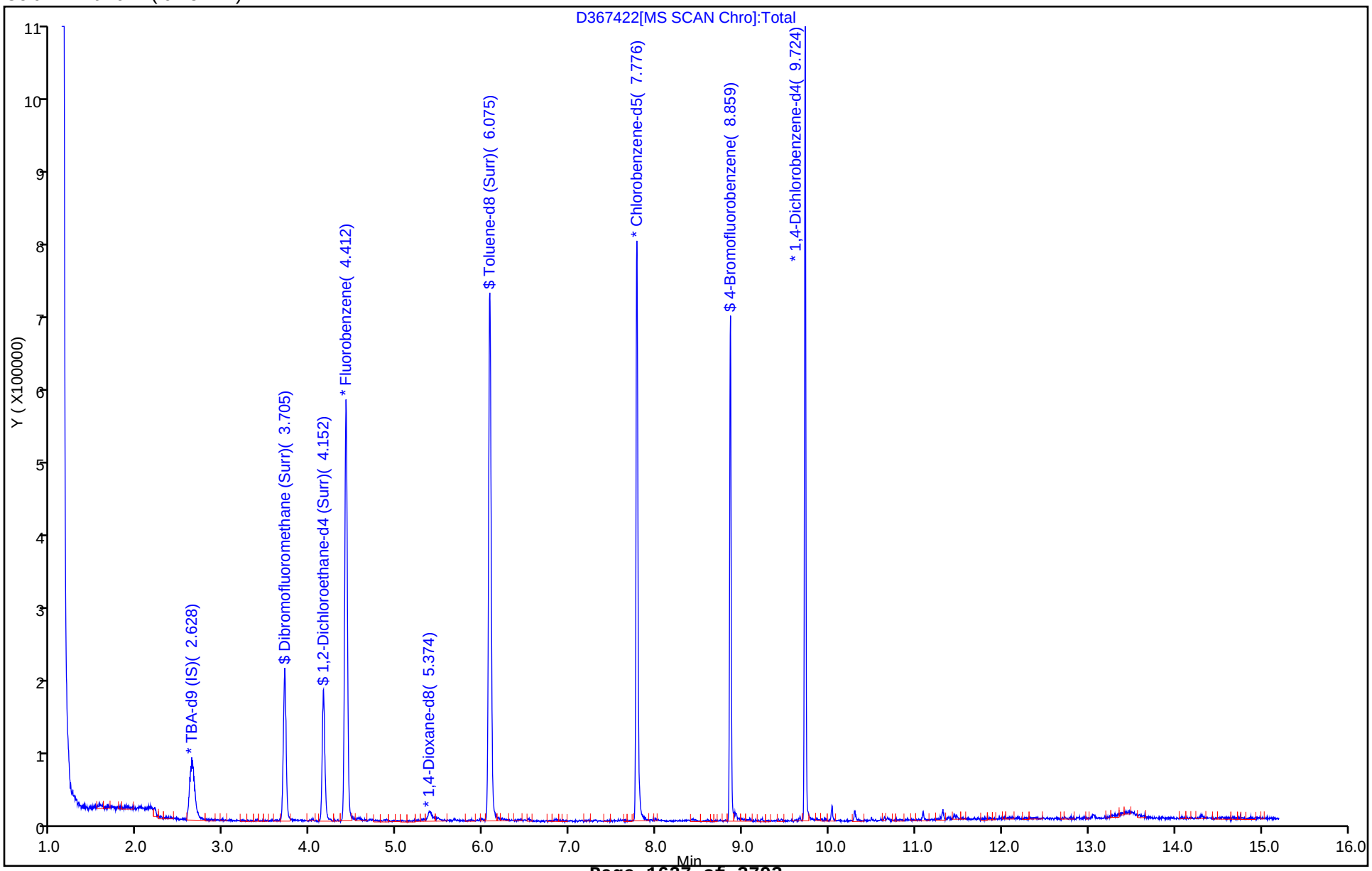
Lims ID: MB Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-212905/6

Matrix: Solid | Lab File ID: J10066.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/16/2014 08:30

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 212905 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	4.8	U	50	4.8
74-83-9	Bromomethane	9.1	U	50	9.1
75-01-4	Vinyl chloride	7.2	U	50	7.2
75-00-3	Chloroethane	8.5	U	50	8.5
75-09-2	Methylene Chloride	9.1	U	50	9.1
67-64-1	Acetone	130	U	250	130
75-15-0	Carbon disulfide	6.3	U	50	6.3
75-69-4	Trichlorofluoromethane	7.3	U	50	7.3
75-35-4	1,1-Dichloroethene	4.4	U	50	4.4
75-34-3	1,1-Dichloroethane	6.5	U	50	6.5
156-60-5	trans-1,2-Dichloroethene	6.4	U	50	6.4
156-59-2	cis-1,2-Dichloroethene	8.9	U	50	8.9
67-66-3	Chloroform	3.9	U	50	3.9
78-93-3	2-Butanone	120	U	250	120
107-06-2	1,2-Dichloroethane	9.5	U	50	9.5
71-55-6	1,1,1-Trichloroethane	3.1	U	50	3.1
56-23-5	Carbon tetrachloride	2.9	U	50	2.9
71-43-2	Benzene	4.1	U	50	4.1
75-25-2	Bromoform	9.6	U	50	9.6
100-42-5	Styrene	5.9	U	50	5.9
100-41-4	Ethylbenzene	4.8	U	50	4.8
108-90-7	Chlorobenzene	5.5	U	50	5.5
110-82-7	Cyclohexane	7.9	U	50	7.9
98-82-8	Isopropylbenzene	3.8	U	50	3.8
591-78-6	2-Hexanone	25	U	250	25
1634-04-4	MTBE	6.9	U	50	6.9
76-13-1	Freon TF	4.1	U	50	4.1
79-20-9	Methyl acetate	17	U	250	17
123-91-1	1,4-Dioxane	1800	U	2500	1800
79-01-6	Trichloroethene	4.6	U	50	4.6
108-88-3	Toluene	7.5	U	50	7.5
10061-02-6	trans-1,3-Dichloropropene	12	U	50	12
108-10-1	4-Methyl-2-pentanone	49	U	250	49
10061-01-5	cis-1,3-Dichloropropene	9.2	U	50	9.2
95-50-1	1,2-Dichlorobenzene	10	U	50	10
541-73-1	1,3-Dichlorobenzene	6.8	U	50	6.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-212905/6

Matrix: Solid | Lab File ID: J10066.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/16/2014 08:30

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 212905 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	12	U	50	12
120-82-1	1,2,4-Trichlorobenzene	17	U	50	17
87-61-6	1,2,3-Trichlorobenzene	26	U	50	26
78-87-5	1,2-Dichloropropane	4.3	U	50	4.3
108-87-2	Methylcyclohexane	6.8	U	50	6.8
127-18-4	Tetrachloroethene	4.9	U	50	4.9
1330-20-7	Xylenes, Total	18	U	100	18
96-12-8	1,2-Dibromo-3-Chloropropane	20	U	50	20
79-34-5	1,1,2,2-Tetrachloroethane	7.9	U	50	7.9
79-00-5	1,1,2-Trichloroethane	9.4	U	50	9.4
124-48-1	Dibromochloromethane	10	U	50	10
106-93-4	1,2-Dibromoethane	14	U	50	14
75-71-8	Dichlorodifluoromethane	11	U	50	11
74-97-5	Bromochloromethane	14	U	50	14
75-27-4	Bromodichloromethane	6.3	U	50	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		75-135
2037-26-5	Toluene-d8 (Surr)	98		59-150
460-00-4	Bromofluorobenzene	97		72-133
1868-53-7	Dibromofluoromethane (Surr)	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-212905/6

Matrix: Solid Lab File ID: J10066.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/16/2014 08:30

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 212905 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10066.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 16-Mar-2014 08:30:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: MB
Misc. Info.: 460-0010935-006
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 17-Mar-2014 15:14:53 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: patelv1 Date: 17-Mar-2014 15:14:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	3.176	3.180	-0.004	56	452630	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	4.727	4.726	0.001	96	222582	48.7	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.085	5.084	0.001	98	307607	49.2	
* 59 Fluorobenzene	96	5.356	5.354	0.002	97	832008	50.0	
* 150 1,4-Dioxane-d8	96	6.061	6.059	0.002	73	57068	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.024	7.023	0.001	99	858634	49.1	
* 87 Chlorobenzene-d5	117	8.816	8.815	0.001	88	711676	50.0	
$ 99 4-Bromofluorobenzene	174	10.085	10.084	0.001	92	297212	48.7	
* 116 1,4-Dichlorobenzene-d4	152	10.961	10.960	0.001	96	418138	50.0	

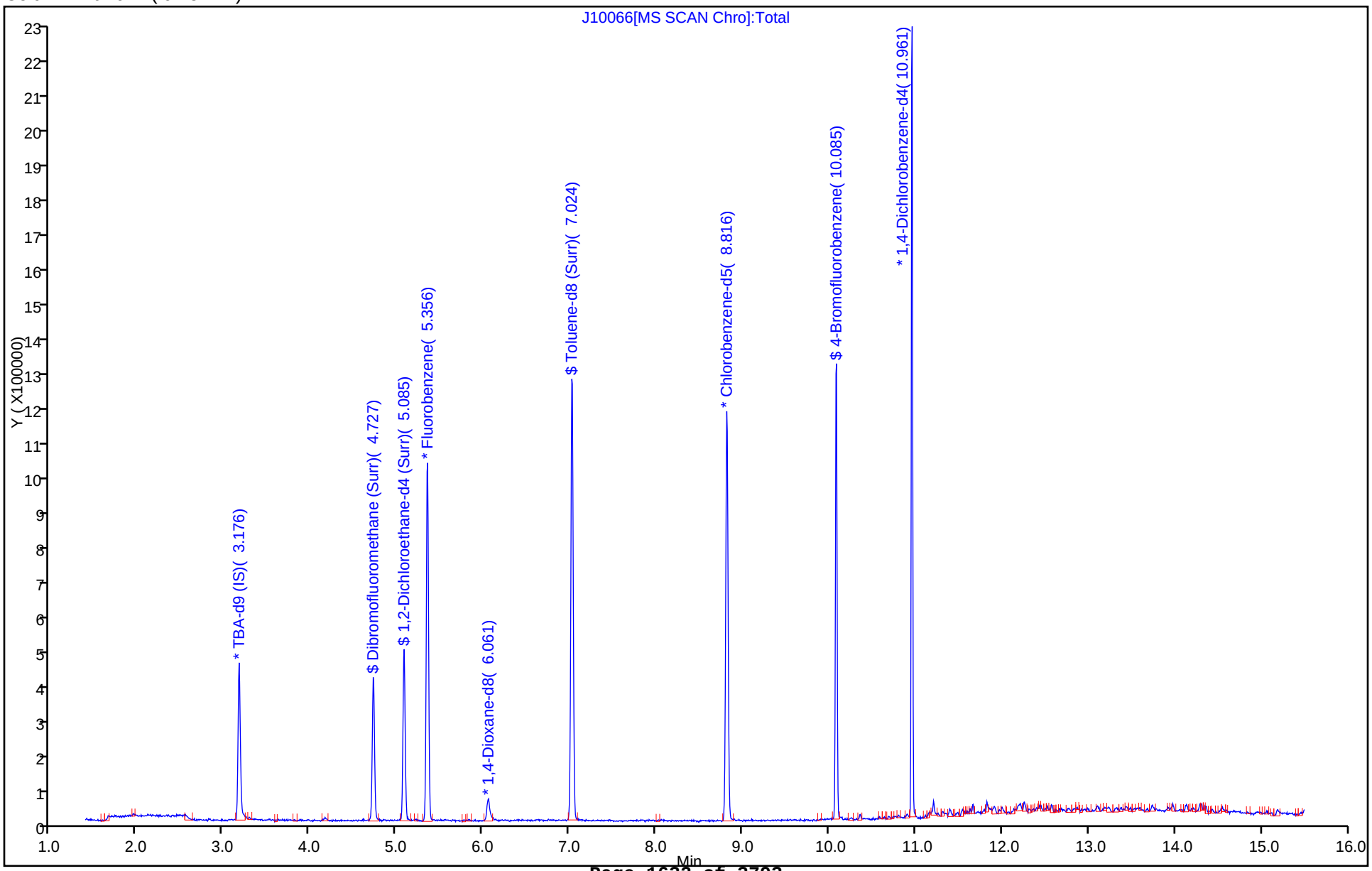
Report Date: 17-Mar-2014 15:14:53 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10066.D

Injection Date:	16-Mar-2014 08:30:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	MB			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	5
Method:	8260_W8	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-212239/3

Matrix: Solid Lab File ID: J09914.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/12/2014 21:27

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 212239 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	949		50	4.8
74-83-9	Bromomethane	1100		50	9.1
75-01-4	Vinyl chloride	999		50	7.2
75-00-3	Chloroethane	1510		50	8.5
75-09-2	Methylene Chloride	1040		50	9.1
67-64-1	Acetone	6280		250	130
75-15-0	Carbon disulfide	1090		50	6.3
75-69-4	Trichlorofluoromethane	1000		50	7.3
75-35-4	1,1-Dichloroethene	1020		50	4.4
75-34-3	1,1-Dichloroethane	1040		50	6.5
156-60-5	trans-1,2-Dichloroethene	1080		50	6.4
156-59-2	cis-1,2-Dichloroethene	1020		50	8.9
67-66-3	Chloroform	1020		50	3.9
78-93-3	2-Butanone	6720		250	120
107-06-2	1,2-Dichloroethane	1020		50	9.5
71-55-6	1,1,1-Trichloroethane	1030		50	3.1
56-23-5	Carbon tetrachloride	883		50	2.9
71-43-2	Benzene	1040		50	4.1
75-25-2	Bromoform	773		50	9.6
100-42-5	Styrene	993		50	5.9
100-41-4	Ethylbenzene	972		50	4.8
108-90-7	Chlorobenzene	1020		50	5.5
110-82-7	Cyclohexane	960		50	7.9
98-82-8	Isopropylbenzene	1120		50	3.8
591-78-6	2-Hexanone	6510		250	25
1634-04-4	MTBE	940		50	6.9
76-13-1	Freon TF	1010		50	4.1
79-20-9	Methyl acetate	4570		250	17
123-91-1	1,4-Dioxane	22900		2500	1800
79-01-6	Trichloroethene	1060		50	4.6
108-88-3	Toluene	1040		50	7.5
10061-02-6	trans-1,3-Dichloropropene	996		50	12
108-10-1	4-Methyl-2-pentanone	4520		250	49
10061-01-5	cis-1,3-Dichloropropene	1010		50	9.2
95-50-1	1,2-Dichlorobenzene	1010		50	10
541-73-1	1,3-Dichlorobenzene	1050		50	6.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-212239/3

Matrix: Solid | Lab File ID: J09914.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/12/2014 21:27

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 212239 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1050		50	12
120-82-1	1,2,4-Trichlorobenzene	1080		50	17
87-61-6	1,2,3-Trichlorobenzene	1060		50	26
78-87-5	1,2-Dichloropropane	1020		50	4.3
108-87-2	Methylcyclohexane	962		50	6.8
127-18-4	Tetrachloroethene	1130		50	4.9
1330-20-7	Xylenes, Total	2060		100	18
96-12-8	1,2-Dibromo-3-Chloropropane	798		50	20
79-34-5	1,1,2,2-Tetrachloroethane	970		50	7.9
79-00-5	1,1,2-Trichloroethane	1020		50	9.4
124-48-1	Dibromochloromethane	894		50	10
106-93-4	1,2-Dibromoethane	959		50	14
75-71-8	Dichlorodifluoromethane	964		50	11
74-97-5	Bromochloromethane	1040		50	14
75-27-4	Bromodichloromethane	983		50	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		75-135
2037-26-5	Toluene-d8 (Surr)	100		59-150
460-00-4	Bromofluorobenzene	100		72-133
1868-53-7	Dibromofluoromethane (Surr)	99		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\J09914.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 12-Mar-2014 21:27:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCS
Misc. Info.: 460-0010784-003
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 13-Mar-2014 08:35:34 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: manlangitf Date: 13-Mar-2014 07:08:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.476	1.475	0.001	87	90819	19.3	
2 Chloromethane	50	1.646	1.646	0.0	89	103596	19.0	
4 Vinyl chloride	62	1.741	1.740	0.0	94	79450	20.0	
149 Butadiene	54	1.764	1.763	0.001	96	68312	19.0	
6 Bromomethane	94	2.028	2.034	-0.006	98	48295	21.9	
7 Chloroethane	64	2.117	2.116	0.001	98	42010	30.3	
9 Dichlorofluoromethane	67	2.287	2.286	0.001	89	117507	19.3	
8 Trichlorofluoromethane	101	2.299	2.298	0.001	84	98381	20.1	
10 Pentane	72	2.340	2.345	-0.005	95	18194	61.9	
11 Ethanol	46	2.493	2.492	0.001	98	12942	1318.7	
13 Ethyl ether	59	2.540	2.539	0.001	90	54469	21.3	
14 2-Methyl-1,3-butadiene	53	2.557	2.557	0.001	96	69901	22.2	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.710	2.703	0.007	94	73296	20.1	
17 Acrolein	56	2.710	2.709	0.001	36	9095	64.1	
18 1,1-Dichloroethene	96	2.739	2.739	0.0	98	64757	20.5	
19 Acetone	43	2.833	2.833	0.0	84	133344	125.6	
20 Iodomethane	142	2.892	2.891	0.001	98	119475	22.1	
34 Isopropyl alcohol	45	2.921	2.915	0.006	37	44597	228.4	
21 Carbon disulfide	76	2.921	2.927	-0.006	100	230650	21.8	
147 3-Chloro-1-propene	76	3.057	3.062	-0.005	87	40630	19.2	
23 Methyl acetate	43	3.074	3.074	0.0	98	372851	91.5	
22 Cyclopentene	67	3.080	3.079	0.001	81	202554	20.1	
24 Acetonitrile	41	3.127	3.126	0.001	94	135459	265.2	
* 151 TBA-d9 (IS)	65	3.180	3.179	0.001	92	350916	1000.0	
25 Methylene Chloride	84	3.186	3.185	0.001	88	79463	20.8	
26 2-Methyl-2-propanol	59	3.250	3.250	0.0	98	66741	236.8	
27 Methyl tert-butyl ether	73	3.345	3.344	0.0	97	215176	18.8	
29 trans-1,2-Dichloroethene	96	3.374	3.373	0.001	89	75908	21.7	
30 Acrylonitrile	53	3.450	3.450	0.0	94	330312	195.2	
32 Hexane	57	3.527	3.526	0.001	93	88031	21.1	
35 Isopropyl ether	45	3.738	3.737	0.001	97	309536	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
36 1,1-Dichloroethane	63	3.773	3.773	0.0	94	154008	20.7	
37 Vinyl acetate	43	3.791	3.790	0.001	100	333488	40.9	
38 Allyl alcohol	57	3.791	3.796	-0.005	19	22820	524.7	
33 2-Chloro-1,3-butadiene	88	3.820	3.820	0.0	94	60757	18.4	
40 Tert-butyl ethyl ether	59	4.050	4.055	-0.005	84	249524	19.3	
41 2,2-Dichloropropane	77	4.267	4.266	0.001	91	108782	19.9	
42 cis-1,2-Dichloroethene	96	4.296	4.296	0.0	86	82073	20.4	
43 2-Butanone (MEK)	72	4.314	4.307	0.007	95	42607	134.4	
44 Ethyl acetate	43	4.314	4.313	0.001	96	375621	37.9	
39 Methyl acrylate	55	4.367	4.366	0.001	97	74153	17.0	
48 Propionitrile	54	4.443	4.443	0.0	97	122006	271.2	
45 Tetrahydrofuran	72	4.514	4.519	-0.005	78	18667	51.2	
46 Chlorobromomethane	128	4.520	4.525	-0.005	97	40544	20.8	
31 Methacrylonitrile	67	4.549	4.548	0.001	96	345250	195.3	
47 Chloroform	83	4.572	4.572	0.0	91	136778	20.4	
49 Cyclohexane	56	4.702	4.701	0.001	96	124764	19.2	
50 1,1,1-Trichloroethane	97	4.719	4.719	0.0	93	105616	20.6	
$ 152 Dibromofluoromethane (Surr)	113	4.731	4.730	0.001	94	210694	49.7	
51 Carbon tetrachloride	117	4.837	4.836	0.001	90	78032	17.7	
52 1,1-Dichloropropene	75	4.872	4.871	0.001	92	105441	23.2	
56 Isobutyl alcohol	43	4.990	4.983	0.007	97	74197	515.6	
53 Benzene	78	5.066	5.071	-0.005	93	301332	20.8	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.084	5.083	0.001	88	287401	49.6	
57 Isopropyl acetate	43	5.119	5.118	0.001	96	243332	17.6	
142 Tert-amyl methyl ether	73	5.131	5.124	0.007	89	211971	19.2	
55 1,2-Dichloroethane	62	5.160	5.159	0.001	90	115498	20.3	
58 n-Heptane	57	5.219	5.218	0.001	97	35615	21.4	
* 59 Fluorobenzene	96	5.354	5.353	0.001	97	770965	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.565	5.565	0.0	93	277164	43.2	
62 n-Butanol	56	5.654	5.653	0.001	94	34076	505.5	
61 Trichloroethene	95	5.712	5.712	0.0	92	77745	21.1	
64 Ethyl acrylate	55	5.830	5.829	0.001	96	180650	20.7	
63 Methylcyclohexane	83	5.830	5.835	-0.005	74	88773	19.2	
65 1,2-Dichloropropane	63	6.000	6.000	0.0	86	83638	20.4	
* 150 1,4-Dioxane-d8	96	6.059	6.058	0.001	49	47699	1000.0	
66 Methyl methacrylate	100	6.077	6.076	0.001	91	40547	35.3	
67 1,4-Dioxane	88	6.118	6.111	0.007	52	18497	457.5	
69 n-Propyl acetate	43	6.129	6.129	0.0	98	131055	16.4	
68 Dibromomethane	93	6.129	6.135	-0.006	50	48196	20.0	
70 Dichlorobromomethane	83	6.282	6.282	0.0	95	91482	19.7	
72 2-Chloroethyl vinyl ether	63	6.623	6.616	0.007	88	55904	18.1	
71 2-Nitropropane	41	6.623	6.622	0.001	70	19286	22.5	
73 Epichlorohydrin	57	6.729	6.728	0.001	97	165502	354.4	
74 cis-1,3-Dichloropropene	75	6.788	6.781	0.007	92	125470	20.1	
75 4-Methyl-2-pentanone (MIBK)	43	6.946	6.945	0.001	99	430099	90.3	
$ 76 Toluene-d8 (Surr)	98	7.028	7.028	0.0	98	804600	50.0	
77 Toluene	91	7.105	7.104	0.001	91	306307	20.8	
78 trans-1,3-Dichloropropene	75	7.457	7.457	0.0	93	108966	19.9	
82 Ethyl methacrylate	69	7.481	7.480	0.001	93	93043	17.9	
79 1,1,2-Trichloroethane	83	7.675	7.674	0.001	93	60751	20.4	
80 Tetrachloroethene	166	7.716	7.715	0.001	89	77503	22.5	
81 1,3-Dichloropropane	76	7.880	7.886	-0.006	95	116098	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
83 2-Hexanone	58	7.945	7.944	0.001	99	137971	130.1	
85 n-Butyl acetate	43	8.057	8.056	0.001	97	133210	19.4	
84 Chlorodibromomethane	129	8.115	8.115	0.0	97	60418	17.9	
86 Ethylene Dibromide	107	8.274	8.273	0.001	99	71153	19.2	
* 87 Chlorobenzene-d5	117	8.820	8.820	0.0	86	654967	50.0	
88 Chlorobenzene	112	8.856	8.855	0.001	91	201930	20.3	
89 Ethylbenzene	106	8.961	8.961	0.0	100	98343	19.4	
90 1,1,1,2-Tetrachloroethane	131	8.979	8.973	0.007	83	61794	19.1	
91 m-Xylene & p-Xylene	106	9.114	9.114	0.0	96	132091	20.7	
93 n-Butyl acrylate	73	9.543	9.542	0.001	93	49467	16.3	
92 o-Xylene	106	9.561	9.560	0.001	92	129549	20.6	
94 Styrene	104	9.590	9.589	0.001	93	221932	19.9	
96 Amyl acetate (mixed isomers)	43	9.766	9.766	0.0	87	144358	16.9	
97 Bromoform	173	9.790	9.795	-0.005	90	34075	15.5	
98 Isopropylbenzene	105	9.902	9.907	-0.005	96	309733	22.3	
$ 99 4-Bromofluorobenzene	174	10.084	10.083	0.001	91	280881	50.0	
95 Camphene	41	10.101	10.095	0.006	95	23744	19.9	
100 Bromobenzene	156	10.201	10.200	0.001	93	93106	20.9	
101 1,1,2,2-Tetrachloroethane	83	10.236	10.242	-0.006	89	92257	19.4	
102 N-Propylbenzene	91	10.260	10.259	0.001	96	363404	22.2	
103 1,2,3-Trichloropropane	110	10.278	10.277	0.001	96	26596	18.8	
104 trans-1,4-Dichloro-2-butene	53	10.295	10.294	0.001	71	29335	17.3	
105 2-Chlorotoluene	91	10.354	10.353	0.001	93	267745	20.9	
143 4-Ethyltoluene	105	10.354	10.353	0.001	90	327704	20.9	
106 1,3,5-Trimethylbenzene	105	10.407	10.412	-0.005	92	259863	21.9	
107 4-Chlorotoluene	91	10.442	10.447	-0.005	97	253476	21.3	
108 Butyl Methacrylate	87	10.489	10.488	0.001	97	91796	17.9	
109 tert-Butylbenzene	119	10.648	10.647	0.001	90	205399	22.3	
110 1,2,4-Trimethylbenzene	105	10.689	10.694	-0.005	98	278822	21.7	
113 sec-Butylbenzene	105	10.800	10.806	-0.006	99	281544	23.3	
114 4-Isopropyltoluene	119	10.906	10.906	0.0	95	252439	22.3	
115 1,3-Dichlorobenzene	146	10.912	10.911	0.001	95	173574	20.9	
* 116 1,4-Dichlorobenzene-d4	152	10.959	10.958	0.001	96	394644	50.0	
117 1,4-Dichlorobenzene	146	10.977	10.976	0.001	91	181707	21.0	
118 Benzyl chloride	91	11.077	11.076	0.001	98	136288	16.1	
119 2,3-Dihydroindene	117	11.124	11.123	0.001	93	305885	20.6	
133 p-Diethylbenzene	119	11.159	11.158	0.001	93	157071	20.6	
120 n-Butylbenzene	91	11.176	11.176	0.0	92	274496	23.2	
121 1,2-Dichlorobenzene	146	11.224	11.223	0.001	94	171568	20.3	
132 1,2,4,5-Tetramethylbenzene	119	11.635	11.634	0.001	96	249758	20.2	
122 1,2-Dibromo-3-Chloropropane	75	11.711	11.710	0.001	89	17099	16.0	
145 1,3,5-Trichlorobenzene	180	11.799	11.799	0.0	96	119377	21.1	
123 Camphor	95	12.140	12.139	0.001	93	43942	79.3	
124 1,2,4-Trichlorobenzene	180	12.193	12.192	0.001	93	115766	21.5	
126 Hexachlorobutadiene	225	12.258	12.257	0.001	92	38252	24.3	
127 Naphthalene	128	12.369	12.369	0.0	99	318459	20.7	
128 1,2,3-Trichlorobenzene	180	12.528	12.527	0.001	92	104506	21.2	
S 131 Xylenes, Total	100				0		41.2	

Report Date: 13-Mar-2014 08:35:36 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140312-10784.b\J09914.D

Injection Date: 12-Mar-2014 21:27:30 Instrument ID: CVOAMS8 Operator ID:

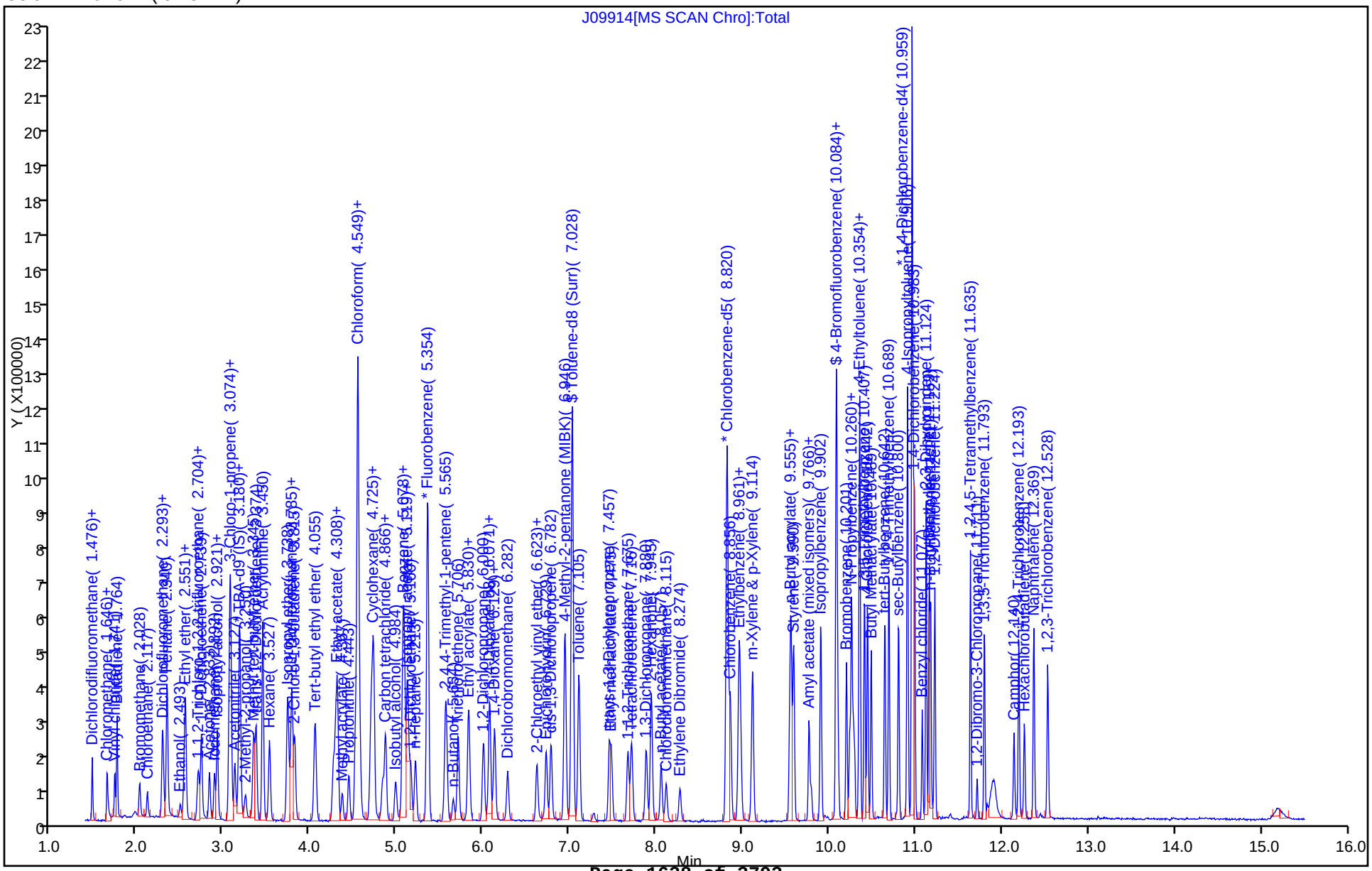
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 2

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-212315/4

Matrix: Solid Lab File ID: J09938.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 09:44

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 212315 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	962		50	4.8
74-83-9	Bromomethane	1040		50	9.1
75-01-4	Vinyl chloride	954		50	7.2
75-00-3	Chloroethane	1290		50	8.5
75-09-2	Methylene Chloride	1010		50	9.1
67-64-1	Acetone	5730		250	130
75-15-0	Carbon disulfide	962		50	6.3
75-69-4	Trichlorofluoromethane	911		50	7.3
75-35-4	1,1-Dichloroethene	950		50	4.4
75-34-3	1,1-Dichloroethane	1020		50	6.5
156-60-5	trans-1,2-Dichloroethene	982		50	6.4
156-59-2	cis-1,2-Dichloroethene	986		50	8.9
67-66-3	Chloroform	1010		50	3.9
78-93-3	2-Butanone	6020		250	120
107-06-2	1,2-Dichloroethane	1010		50	9.5
71-55-6	1,1,1-Trichloroethane	1020		50	3.1
56-23-5	Carbon tetrachloride	801		50	2.9
71-43-2	Benzene	1030		50	4.1
75-25-2	Bromoform	831		50	9.6
100-42-5	Styrene	1020		50	5.9
100-41-4	Ethylbenzene	1010		50	4.8
108-90-7	Chlorobenzene	1010		50	5.5
110-82-7	Cyclohexane	861		50	7.9
98-82-8	Isopropylbenzene	1060		50	3.8
591-78-6	2-Hexanone	6210		250	25
1634-04-4	MTBE	982		50	6.9
76-13-1	Freon TF	782		50	4.1
79-20-9	Methyl acetate	4940		250	17
123-91-1	1,4-Dioxane	25700		2500	1800
79-01-6	Trichloroethene	1000		50	4.6
108-88-3	Toluene	1020		50	7.5
10061-02-6	trans-1,3-Dichloropropene	1050		50	12
108-10-1	4-Methyl-2-pentanone	4990		250	49
10061-01-5	cis-1,3-Dichloropropene	1020		50	9.2
95-50-1	1,2-Dichlorobenzene	1030		50	10
541-73-1	1,3-Dichlorobenzene	1030		50	6.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-212315/4

Matrix: Solid | Lab File ID: J09938.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/13/2014 09:44

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 212315 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1020		50	12
120-82-1	1,2,4-Trichlorobenzene	1060		50	17
87-61-6	1,2,3-Trichlorobenzene	1070		50	26
78-87-5	1,2-Dichloropropane	1000		50	4.3
108-87-2	Methylcyclohexane	827		50	6.8
127-18-4	Tetrachloroethene	1050		50	4.9
1330-20-7	Xylenes, Total	2090		100	18
96-12-8	1,2-Dibromo-3-Chloropropane	831		50	20
79-34-5	1,1,2,2-Tetrachloroethane	1010		50	7.9
79-00-5	1,1,2-Trichloroethane	1010		50	9.4
124-48-1	Dibromochloromethane	887		50	10
106-93-4	1,2-Dibromoethane	980		50	14
75-71-8	Dichlorodifluoromethane	807		50	11
74-97-5	Bromochloromethane	997		50	14
75-27-4	Bromodichloromethane	970		50	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		75-135
2037-26-5	Toluene-d8 (Surr)	99		59-150
460-00-4	Bromofluorobenzene	99		72-133
1868-53-7	Dibromofluoromethane (Surr)	99		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09938.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 13-Mar-2014 09:44:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCS
Misc. Info.: 460-0010809-004
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 13-Mar-2014 15:55:20 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: baronm Date: 13-Mar-2014 15:39:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.478	1.476	0.002	99	79462	16.1	
2 Chloromethane	50	1.648	1.647	0.001	89	109838	19.2	
4 Vinyl chloride	62	1.736	1.741	-0.005	83	79225	19.1	
149 Butadiene	54	1.766	1.764	0.002	95	64811	17.3	
6 Bromomethane	94	2.018	2.023	-0.005	96	47692	20.7	
7 Chloroethane	64	2.106	2.111	-0.005	97	44308	25.8	
9 Dichlorofluoromethane	67	2.283	2.287	-0.004	96	120909	19.0	
8 Trichlorofluoromethane	101	2.294	2.293	0.001	89	93340	18.2	
10 Pentane	72	2.341	2.340	0.001	95	17374	47.8	
11 Ethanol	46	2.494	2.493	0.001	98	20885	1726.1	
13 Ethyl ether	59	2.535	2.534	0.001	93	56885	21.3	
14 2-Methyl-1,3-butadiene	53	2.553	2.551	0.002	98	55763	16.9	
17 Acrolein	56	2.706	2.698	0.008	46	8375	47.2	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.700	2.704	-0.004	94	59590	15.6	
18 1,1-Dichloroethene	96	2.735	2.739	-0.004	87	62701	19.0	
19 Acetone	43	2.829	2.828	0.001	83	150549	114.6	
20 Iodomethane	142	2.888	2.886	0.002	99	121279	21.5	
34 Isopropyl alcohol	45	2.923	2.922	0.001	40	57700	239.1	
21 Carbon disulfide	76	2.917	2.922	-0.005	100	212381	19.2	
147 3-Chloro-1-propene	76	3.058	3.057	0.001	88	38648	17.5	
23 Methyl acetate	43	3.070	3.069	0.001	98	420758	98.8	
22 Cyclopentene	67	3.076	3.074	0.002	80	186968	17.8	
24 Acetonitrile	41	3.123	3.121	0.002	97	158034	250.2	
* 151 TBA-d9 (IS)	65	3.176	3.180	-0.004	90	433679	1000.0	
25 Methylene Chloride	84	3.182	3.180	0.002	89	81063	20.3	
26 2-Methyl-2-propanol	59	3.246	3.251	-0.005	96	84923	243.9	
27 Methyl tert-butyl ether	73	3.340	3.345	-0.005	97	234886	19.6	
29 trans-1,2-Dichloroethene	96	3.370	3.374	-0.004	90	71896	19.6	
30 Acrylonitrile	53	3.446	3.445	0.001	92	358837	203.0	
32 Hexane	57	3.522	3.527	-0.005	94	80881	18.6	
35 Isopropyl ether	45	3.734	3.732	0.002	97	325090	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
36 1,1-Dichloroethane	63	3.775	3.774	0.001	87	158633	20.4	
37 Vinyl acetate	43	3.787	3.785	0.002	100	359242	42.2	
38 Allyl alcohol	57	3.793	3.797	-0.004	29	33614	625.4	
33 2-Chloro-1,3-butadiene	88	3.816	3.815	0.001	91	61461	17.8	
40 Tert-butyl ethyl ether	59	4.051	4.050	0.001	87	258422	19.1	
41 2,2-Dichloropropane	77	4.263	4.267	-0.004	90	102355	17.9	
42 cis-1,2-Dichloroethene	96	4.292	4.291	0.001	87	83016	19.7	
44 Ethyl acetate	43	4.310	4.308	0.002	95	443515	42.9	
43 2-Butanone (MEK)	72	4.316	4.314	0.002	94	47202	120.4	
39 Methyl acrylate	55	4.369	4.367	0.001	99	85663	18.8	
48 Propionitrile	54	4.445	4.443	0.002	97	138205	248.6	
45 Tetrahydrofuran	72	4.515	4.520	-0.005	80	22666	50.3	
46 Chlorobromomethane	128	4.515	4.520	-0.005	81	40707	19.9	
31 Methacrylonitrile	67	4.545	4.549	-0.004	97	375952	203.5	
47 Chloroform	83	4.574	4.567	0.007	97	141948	20.3	
49 Cyclohexane	56	4.698	4.696	0.002	97	116991	17.2	
50 1,1,1-Trichloroethane	97	4.715	4.714	0.001	92	109616	20.4	
$ 152 Dibromofluoromethane (Surr)	113	4.727	4.731	-0.004	96	219388	49.5	
51 Carbon tetrachloride	117	4.833	4.837	-0.004	87	73947	16.0	
52 1,1-Dichloropropene	75	4.868	4.866	0.002	91	103461	21.8	
56 Isobutyl alcohol	43	4.985	4.984	0.001	97	96373	541.8	
53 Benzene	78	5.068	5.066	0.002	93	311797	20.7	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.085	5.084	0.001	88	292568	48.3	
57 Isopropyl acetate	43	5.121	5.119	0.002	95	272958	18.9	
142 Tert-amyl methyl ether	73	5.126	5.125	0.001	79	226142	19.6	
55 1,2-Dichloroethane	62	5.162	5.160	0.002	89	119434	20.1	
58 n-Heptane	57	5.209	5.213	-0.004	96	32256	18.5	
* 59 Fluorobenzene	96	5.356	5.354	0.002	98	805614	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.561	5.566	-0.005	92	244236	36.4	
62 n-Butanol	56	5.655	5.654	0.001	96	48026	576.5	
61 Trichloroethene	95	5.708	5.707	0.001	97	77103	20.1	
64 Ethyl acrylate	55	5.826	5.824	0.002	97	187569	20.6	
63 Methylcyclohexane	83	5.831	5.830	0.001	71	79701	16.5	
65 1,2-Dichloropropane	63	5.996	6.000	-0.004	88	86082	20.1	
* 150 1,4-Dioxane-d8	96	6.055	6.053	0.002	51	50786	1000.0	
66 Methyl methacrylate	100	6.072	6.071	0.001	91	44443	37.0	
67 1,4-Dioxane	88	6.114	6.106	0.008	46	22093	513.3	
69 n-Propyl acetate	43	6.125	6.124	0.001	98	154808	18.5	
68 Dibromomethane	93	6.125	6.130	-0.005	77	52737	20.9	
70 Dichlorobromomethane	83	6.278	6.277	0.001	95	94326	19.4	
72 2-Chloroethyl vinyl ether	63	6.613	6.617	-0.004	87	61354	19.0	
71 2-Nitropropane	41	6.613	6.617	-0.004	70	23159	25.9	
73 Epichlorohydrin	57	6.725	6.723	0.002	98	184160	377.4	
74 cis-1,3-Dichloropropene	75	6.783	6.782	0.001	92	131897	20.4	
75 4-Methyl-2-pentanone (MIBK)	43	6.942	6.940	0.002	99	494497	99.9	
$ 76 Toluene-d8 (Surr)	98	7.030	7.029	0.001	98	830569	49.7	
77 Toluene	91	7.101	7.105	-0.004	94	313332	20.5	
78 trans-1,3-Dichloropropene	75	7.459	7.457	0.002	93	119482	21.0	
82 Ethyl methacrylate	69	7.482	7.481	0.001	93	102092	18.8	
79 1,1,2-Trichloroethane	83	7.671	7.669	0.001	92	62381	20.2	
80 Tetrachloroethene	166	7.712	7.716	-0.004	91	75414	21.1	
81 1,3-Dichloropropane	76	7.882	7.881	0.001	95	123932	19.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
83 2-Hexanone	58	7.941	7.939	0.002	99	162668	124.1	
85 n-Butyl acetate	43	8.058	8.057	0.001	97	155957	21.8	
84 Chlorodibromomethane	129	8.111	8.116	-0.005	95	62374	17.7	
86 Ethylene Dibromide	107	8.270	8.268	0.002	99	75566	19.6	
* 87 Chlorobenzene-d5	117	8.816	8.821	-0.005	84	681245	50.0	
88 Chlorobenzene	112	8.857	8.856	0.001	93	209368	20.3	
89 Ethylbenzene	106	8.957	8.956	0.001	99	106215	20.2	
90 1,1,1,2-Tetrachloroethane	131	8.975	8.973	0.002	84	64009	19.1	
91 m-Xylene & p-Xylene	106	9.110	9.114	-0.004	97	141280	21.3	
93 n-Butyl acrylate	73	9.545	9.543	0.002	91	54007	17.2	
92 o-Xylene	106	9.557	9.561	-0.004	93	134781	20.6	
94 Styrene	104	9.592	9.590	0.002	93	236455	20.3	
96 Amyl acetate (mixed isomers)	43	9.768	9.767	0.001	87	162932	18.2	
97 Bromoform	173	9.792	9.790	0.002	95	38129	16.6	
98 Isopropylbenzene	105	9.903	9.902	0.001	96	306151	21.2	
$ 99 4-Bromofluorobenzene	174	10.085	10.084	0.001	92	288057	49.3	
95 Camphene	41	10.097	10.096	0.001	90	23546	19.0	
100 Bromobenzene	156	10.203	10.201	0.002	94	98518	21.2	
101 1,1,2,2-Tetrachloroethane	83	10.238	10.237	0.001	86	100175	20.2	
102 N-Propylbenzene	91	10.262	10.260	0.002	95	367154	21.5	
103 1,2,3-Trichloropropane	110	10.279	10.278	0.001	95	29301	19.8	
104 trans-1,4-Dichloro-2-butene	53	10.297	10.295	0.002	81	31285	17.7	
105 2-Chlorotoluene	91	10.350	10.348	0.002	96	270452	20.2	
143 4-Ethyltoluene	105	10.356	10.354	0.002	97	330974	20.2	
106 1,3,5-Trimethylbenzene	105	10.408	10.407	0.001	84	261668	21.1	
107 4-Chlorotoluene	91	10.444	10.442	0.002	97	261801	21.1	
108 Butyl Methacrylate	87	10.485	10.489	-0.004	97	100663	18.8	
109 tert-Butylbenzene	119	10.643	10.642	0.001	92	203828	21.2	
110 1,2,4-Trimethylbenzene	105	10.690	10.689	0.001	98	291623	21.8	
113 sec-Butylbenzene	105	10.802	10.801	0.001	98	264629	21.0	
114 4-Isopropyltoluene	119	10.902	10.906	-0.004	92	245235	20.8	
115 1,3-Dichlorobenzene	146	10.908	10.906	0.002	94	177857	20.5	
* 116 1,4-Dichlorobenzene-d4	152	10.961	10.959	0.002	96	411933	50.0	
117 1,4-Dichlorobenzene	146	10.978	10.977	0.001	93	184171	20.4	
118 Benzyl chloride	91	11.078	11.077	0.001	99	143701	16.3	
119 2,3-Dihydroindene	117	11.119	11.124	-0.005	90	303329	19.6	
133 p-Diethylbenzene	119	11.155	11.159	-0.004	92	154985	19.5	
120 n-Butylbenzene	91	11.172	11.177	-0.005	96	263616	21.3	
121 1,2-Dichlorobenzene	146	11.225	11.224	0.001	95	182486	20.6	
132 1,2,4,5-Tetramethylbenzene	119	11.631	11.635	-0.004	94	263150	20.4	
122 1,2-Dibromo-3-Chloropropane	75	11.713	11.711	0.002	91	18591	16.6	
145 1,3,5-Trichlorobenzene	180	11.795	11.794	0.001	97	114859	19.5	
123 Camphor	95	12.136	12.140	-0.004	94	54089	93.5	
124 1,2,4-Trichlorobenzene	180	12.195	12.193	0.002	93	118582	21.1	
126 Hexachlorobutadiene	225	12.259	12.258	0.001	87	36198	22.0	
127 Naphthalene	128	12.365	12.369	-0.004	99	342332	21.3	
128 1,2,3-Trichlorobenzene	180	12.530	12.528	0.002	96	109770	21.3	
S 131 Xylenes, Total	100				0		41.8	

Report Date: 13-Mar-2014 15:55:22 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09938.D

Injection Date: 13-Mar-2014 09:44:30 Instrument ID: CVOAMS8 Operator ID:

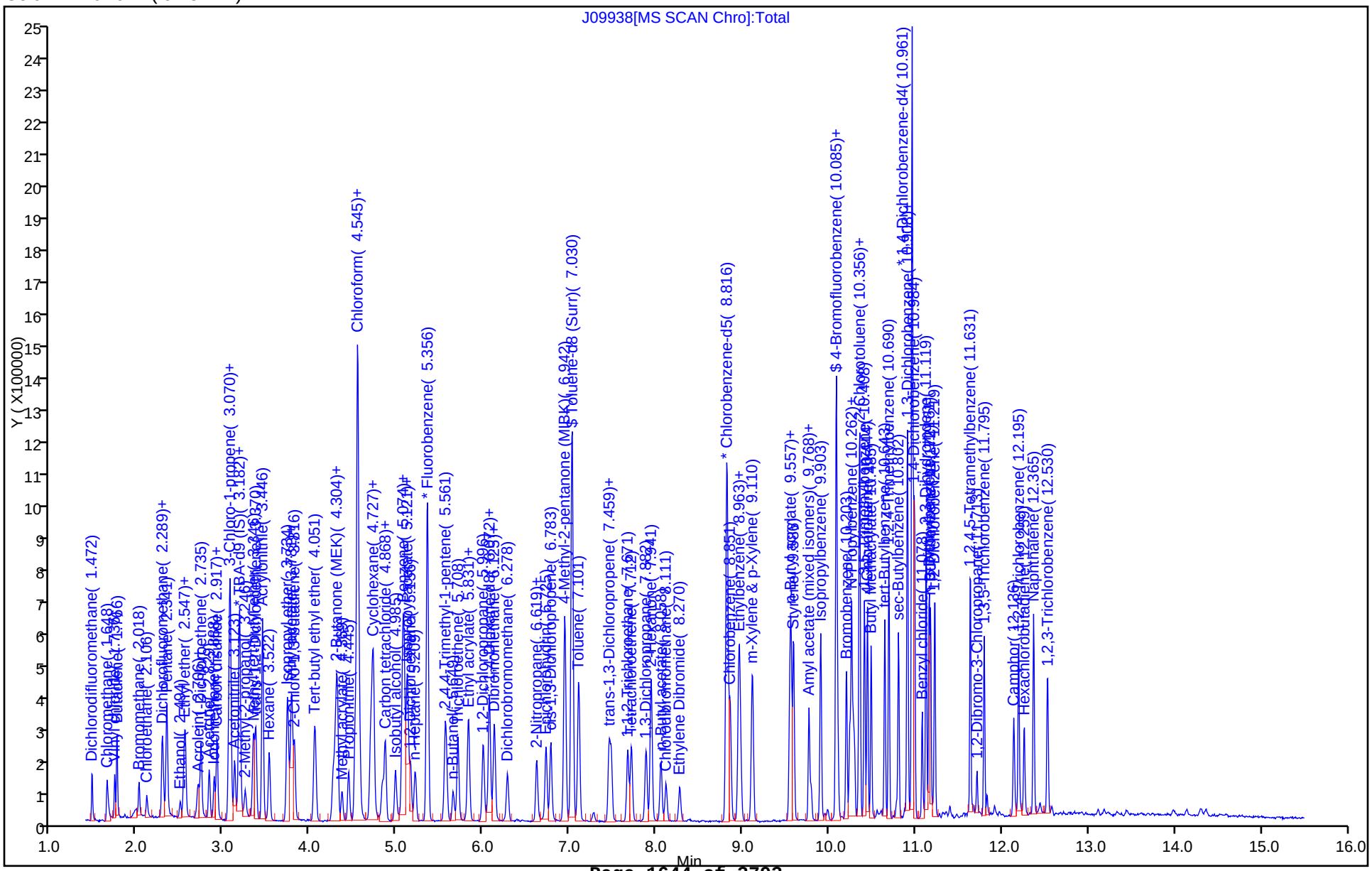
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 3

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-212326/3

Matrix: Solid Lab File ID: D367283.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 07:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 212326 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	19.0		1.0	0.16
74-83-9	Bromomethane	19.0		1.0	0.43
75-01-4	Vinyl chloride	19.0		1.0	0.34
75-00-3	Chloroethane	18.7		1.0	0.33
75-09-2	Methylene Chloride	21.0		1.0	0.15
67-64-1	Acetone	85.8		5.0	1.7
75-15-0	Carbon disulfide	21.0		1.0	0.15
75-69-4	Trichlorofluoromethane	19.1		1.0	0.16
75-35-4	1,1-Dichloroethene	21.5		1.0	0.19
75-34-3	1,1-Dichloroethane	21.3		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	21.4		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	21.3		1.0	0.11
67-66-3	Chloroform	21.0		1.0	0.24
78-93-3	2-Butanone	93.6		5.0	0.63
107-06-2	1,2-Dichloroethane	21.6		1.0	0.18
71-55-6	1,1,1-Trichloroethane	21.9		1.0	0.13
56-23-5	Carbon tetrachloride	19.0		1.0	0.15
71-43-2	Benzene	21.3		1.0	0.15
75-25-2	Bromoform	19.2		1.0	0.17
100-42-5	Styrene	20.3		1.0	0.28
100-41-4	Ethylbenzene	20.8		1.0	0.17
108-90-7	Chlorobenzene	20.0		1.0	0.18
110-82-7	Cyclohexane	21.9		1.0	0.13
98-82-8	Isopropylbenzene	21.6		1.0	0.11
591-78-6	2-Hexanone	108		5.0	0.13
1634-04-4	MTBE	22.0		1.0	0.11
76-13-1	Freon TF	22.0		1.0	0.11
79-20-9	Methyl acetate	111		5.0	0.32
123-91-1	1,4-Dioxane	467		20	13
79-01-6	Trichloroethene	21.0		1.0	0.12
108-88-3	Toluene	20.7		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	20.5		1.0	0.10
108-10-1	4-Methyl-2-pentanone	104		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	20.3		1.0	0.14
95-50-1	1,2-Dichlorobenzene	20.6		1.0	0.10
541-73-1	1,3-Dichlorobenzene	20.1		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-212326/3

Matrix: Solid | Lab File ID: D367283.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/13/2014 07:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.6		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	19.5		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	19.7		1.0	0.16
78-87-5	1,2-Dichloropropane	20.6		1.0	0.15
108-87-2	Methylcyclohexane	21.3		1.0	0.10
127-18-4	Tetrachloroethene	20.9		1.0	0.12
1330-20-7	Xylenes, Total	41.1		2.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	19.9		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	20.5		1.0	0.090
79-00-5	1,1,2-Trichloroethane	19.7		1.0	0.14
124-48-1	Dibromochloromethane	19.6		1.0	0.10
106-93-4	1,2-Dibromoethane	20.6		1.0	0.15
75-71-8	Dichlorodifluoromethane	20.9		1.0	0.22
74-97-5	Bromochloromethane	20.9		1.0	0.11
75-27-4	Bromodichloromethane	20.2		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	97		70-130
1868-53-7	Dibromofluoromethane (Surr)	97		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367283.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 13-Mar-2014 07:05:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0010815-003
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 16:18:33 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.204	1.207	-0.003	85	205959	20.9	
2 Chloromethane	50	1.287	1.287	0.0	87	285820	19.0	
149 Butadiene	54	1.342	1.345	-0.003	95	181872	19.5	
4 Vinyl chloride	62	1.348	1.352	-0.004	70	209876	19.0	
6 Bromomethane	94	1.538	1.538	0.0	79	110275	19.0	
7 Chloroethane	64	1.606	1.602	0.004	84	93611	18.7	
10 Pentane	72	1.673	1.680	-0.007	93	47614	41.3	
8 Trichlorofluoromethane	101	1.689	1.692	-0.003	55	169228	19.1	
9 Dichlorofluoromethane	67	1.741	1.741	0.0	77	221559	19.9	
14 2-Methyl-1,3-butadiene	67	1.860	1.860	0.0	98	181813	20.5	
13 Ethyl ether	59	1.876	1.869	0.007	61	53031	21.4	
18 1,1-Dichloroethene	96	1.992	1.991	0.001	86	109086	21.5	
21 Carbon disulfide	76	2.011	2.008	0.003	99	396972	21.0	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.046	2.049	-0.003	86	126691	22.0	
20 Iodomethane	142	2.078	2.078	0.0	75	162347	21.3	
22 Cyclopentene	67	2.184	2.184	0.0	88	325998	20.4	
17 Acrolein	56	2.213	2.213	0.0	50	53642	275.4	
147 3-Chloro-1-propene	76	2.300	2.300	0.0	84	68066	21.1	
34 Isopropyl alcohol	45	2.371	2.364	0.007	10	28995	194.9	
25 Methylene Chloride	84	2.374	2.374	0.0	83	100874	21.0	
19 Acetone	43	2.419	2.419	0.0	82	66088	85.8	
29 trans-1,2-Dichloroethene	96	2.480	2.480	0.0	83	110695	21.4	
23 Methyl acetate	43	2.509	2.509	0.0	98	320754	110.8	
32 Hexane	57	2.538	2.541	-0.003	91	241671	22.3	
27 Methyl tert-butyl ether	73	2.593	2.586	0.007	70	189875	22.0	
* 151 TBA-d9 (IS)	65	2.635	2.628	0.007	88	155735	1000.0	
26 2-Methyl-2-propanol	59	2.680	2.680	0.0	69	46654	197.0	
24 Acetonitrile	41	2.744	2.744	0.0	90	54251	241.3	
35 Isopropyl ether	45	2.850	2.847	0.003	92	283519	20.6	
33 2-Chloro-1,3-butadiene	88	2.898	2.898	0.0	88	99141	21.5	
36 1,1-Dichloroethane	63	2.914	2.911	0.003	79	185531	21.3	
30 Acrylonitrile	53	2.966	2.969	-0.003	94	151469	182.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
40 Tert-butyl ethyl ether	59	3.117	3.120	-0.003	79	226495	21.0	
37 Vinyl acetate	43	3.120	3.123	-0.003	98	180601	36.5	
42 cis-1,2-Dichloroethene	96	3.329	3.326	0.003	84	95627	21.3	
41 2,2-Dichloropropane	77	3.422	3.419	0.003	82	160143	21.0	
46 Chlorobromomethane	128	3.487	3.480	0.007	64	32852	20.9	
49 Cyclohexane	56	3.480	3.480	0.0	89	232727	21.9	
47 Chloroform	83	3.557	3.554	0.003	83	140366	21.0	
51 Carbon tetrachloride	117	3.664	3.660	0.004	88	121523	19.0	
39 Methyl acrylate	55	3.683	3.680	0.003	56	26944	17.9	
44 Ethyl acetate	70	3.673	3.676	-0.003	71	6197	30.5	
45 Tetrahydrofuran	42	3.686	3.686	0.0	68	28288	37.3	
$ 152 Dibromofluoromethane (Surr)	113	3.702	3.702	0.0	91	123365	48.6	
50 1,1,1-Trichloroethane	97	3.718	3.718	0.0	87	141379	21.9	
52 1,1-Dichloropropene	75	3.815	3.808	0.007	86	129840	20.6	
43 2-Butanone (MEK)	72	3.821	3.821	0.0	93	24886	93.6	
53 Benzene	78	4.027	4.027	0.0	95	356535	21.3	
58 n-Heptane	57	4.030	4.027	0.003	63	103626	22.3	
48 Propionitrile	54	4.072	4.072	0.0	42	44479	222.4	
31 Methacrylonitrile	67	4.078	4.078	0.0	90	147710	220.2	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.155	4.152	0.003	91	111020	50.2	
142 Tert-amyl methyl ether	73	4.162	4.165	-0.003	92	172103	21.1	
55 1,2-Dichloroethane	62	4.217	4.213	0.004	71	68239	21.6	
* 59 Fluorobenzene	96	4.409	4.409	0.0	83	577704	50.0	
60 2,4,4-Trimethyl-1-pentene	57	4.451	4.454	-0.003	91	671856	41.5	
57 Isopropyl acetate	43	4.506	4.506	0.0	94	85819	18.2	
63 Methylcyclohexane	83	4.557	4.557	0.0	92	209713	21.3	
61 Trichloroethene	95	4.573	4.567	0.006	63	84324	21.0	
68 Dibromomethane	93	4.982	4.982	0.0	86	28562	20.8	
65 1,2-Dichloropropane	63	5.081	5.081	0.0	90	80850	20.6	
64 Ethyl acrylate	55	5.178	5.175	0.003	49	36390	17.4	
70 Dichlorobromomethane	83	5.171	5.175	-0.004	91	77316	20.2	
* 150 1,4-Dioxane-d8	96	5.380	5.377	0.003	88	11289	1000.0	
66 Methyl methacrylate	100	5.393	5.384	0.009	88	19484	42.7	
67 1,4-Dioxane	88	5.409	5.400	0.009	33	8775	467.2	
69 n-Propyl acetate	43	5.564	5.564	0.0	94	40558	18.3	
72 2-Chloroethyl vinyl ether	63	5.843	5.840	0.003	92	19149	18.5	
74 cis-1,3-Dichloropropene	75	5.869	5.869	0.0	85	94959	20.3	
$ 76 Toluene-d8 (Surr)	98	6.075	6.072	0.003	89	560329	49.6	
77 Toluene	91	6.133	6.133	0.0	90	344648	20.7	
73 Epichlorohydrin	57	6.175	6.168	0.007	97	56301	401.0	
71 2-Nitropropane	41	6.419	6.406	0.013	87	14005	39.2	
80 Tetrachloroethene	166	6.580	6.577	0.003	91	77696	20.9	
75 4-Methyl-2-pentanone (MIBK)	43	6.644	6.638	0.006	97	173883	103.8	
78 trans-1,3-Dichloropropene	75	6.663	6.667	-0.004	92	63273	20.5	
79 1,1,2-Trichloroethane	83	6.840	6.843	-0.003	90	33785	19.7	
82 Ethyl methacrylate	69	6.921	6.921	0.0	85	50720	18.8	
84 Chlorodibromomethane	129	7.027	7.023	0.004	91	39727	19.6	
81 1,3-Dichloropropane	76	7.133	7.130	0.003	89	67461	20.3	
86 Ethylene Dibromide	107	7.242	7.245	-0.003	95	32867	20.6	
85 n-Butyl acetate	73	7.519	7.519	0.0	98	7425	21.2	
83 2-Hexanone	43	7.567	7.570	-0.003	95	105974	107.9	
* 87 Chlorobenzene-d5	117	7.776	7.776	0.0	87	326888	50.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
88 Chlorobenzene	112	7.789	7.792	-0.003	93	179983	20.0	
89 Ethylbenzene	106	7.850	7.847	0.003	89	118803	20.8	
90 1,1,1,2-Tetrachloroethane	131	7.869	7.872	-0.003	87	56354	19.7	
91 m-Xylene & p-Xylene	106	7.991	7.991	0.0	95	142413	20.4	
92 o-Xylene	106	8.368	8.367	0.001	89	134787	20.7	
97 Bromoform	173	8.413	8.412	0.001	40	18367	19.2	
94 Styrene	104	8.416	8.416	0.0	87	195130	20.3	
93 n-Butyl acrylate	73	8.586	8.586	0.0	93	27629	20.2	
98 Isopropylbenzene	105	8.644	8.644	0.0	90	403156	21.6	
95 Camphene	41	8.718	8.715	0.003	89	37748	21.0	
96 Amyl acetate (mixed isomers)	43	8.808	8.808	0.0	91	62213	18.2	
$ 99 4-Bromofluorobenzene	174	8.859	8.853	0.006	77	111020	48.4	
100 Bromobenzene	156	8.924	8.924	0.0	88	62368	20.2	
102 N-Propylbenzene	91	8.985	8.985	0.0	98	480112	21.0	
101 1,1,2,2-Tetrachloroethane	83	9.056	9.052	0.004	79	45794	20.5	
143 4-Ethyltoluene	105	9.078	9.078	0.0	84	382810	20.1	
105 2-Chlorotoluene	91	9.081	9.081	0.0	85	284640	20.6	
103 1,2,3-Trichloropropane	110	9.142	9.139	0.003	54	11437	20.8	
106 1,3,5-Trimethylbenzene	105	9.152	9.152	0.0	91	311736	20.7	
104 trans-1,4-Dichloro-2-butene	53	9.187	9.187	0.0	67	10573	19.8	
107 4-Chlorotoluene	91	9.220	9.216	0.004	98	237442	20.5	
109 tert-Butylbenzene	119	9.387	9.387	0.0	87	257105	20.7	
108 Butyl Methacrylate	87	9.416	9.416	0.0	86	67387	20.0	
110 1,2,4-Trimethylbenzene	105	9.445	9.445	0.0	87	309309	20.7	
113 sec-Butylbenzene	105	9.525	9.522	0.003	94	443675	20.9	
114 4-Isopropyltoluene	119	9.641	9.641	0.0	80	362267	20.6	
115 1,3-Dichlorobenzene	146	9.663	9.663	0.0	86	141107	20.1	
* 116 1,4-Dichlorobenzene-d4	152	9.721	9.721	0.0	86	156029	50.0	
117 1,4-Dichlorobenzene	146	9.734	9.731	0.003	81	135972	19.6	
119 2,3-Dihydroindene	117	9.856	9.856	0.0	83	259101	18.6	
133 p-Diethylbenzene	119	9.911	9.911	0.0	82	215298	20.3	
118 Benzyl chloride	126	9.930	9.927	0.003	90	16372	19.4	
120 n-Butylbenzene	92	9.949	9.949	0.0	97	216611	21.8	
121 1,2-Dichlorobenzene	146	10.036	10.036	0.0	85	122931	20.6	
132 1,2,4,5-Tetramethylbenzene	119	10.490	10.490	0.0	94	282152	19.6	
122 1,2-Dibromo-3-Chloropropane	157	10.618	10.618	0.0	84	6814	19.9	
145 1,3,5-Trichlorobenzene	180	10.638	10.637	0.001	86	106544	19.6	
126 Hexachlorobutadiene	225	11.078	11.081	-0.003	79	51264	19.6	
124 1,2,4-Trichlorobenzene	180	11.088	11.091	-0.003	85	87536	19.5	
123 Camphor	95	11.284	11.287	-0.003	84	18986	108.3	
127 Naphthalene	128	11.313	11.313	0.0	83	158326	19.4	
128 1,2,3-Trichlorobenzene	180	11.448	11.448	0.0	82	74177	19.7	
S 131 Xylenes, Total	100				0		41.1	

Report Date: 14-Mar-2014 16:18:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367283.D

Injection Date: 13-Mar-2014 07:05:30 Instrument ID: CVOAMS4 Operator ID:

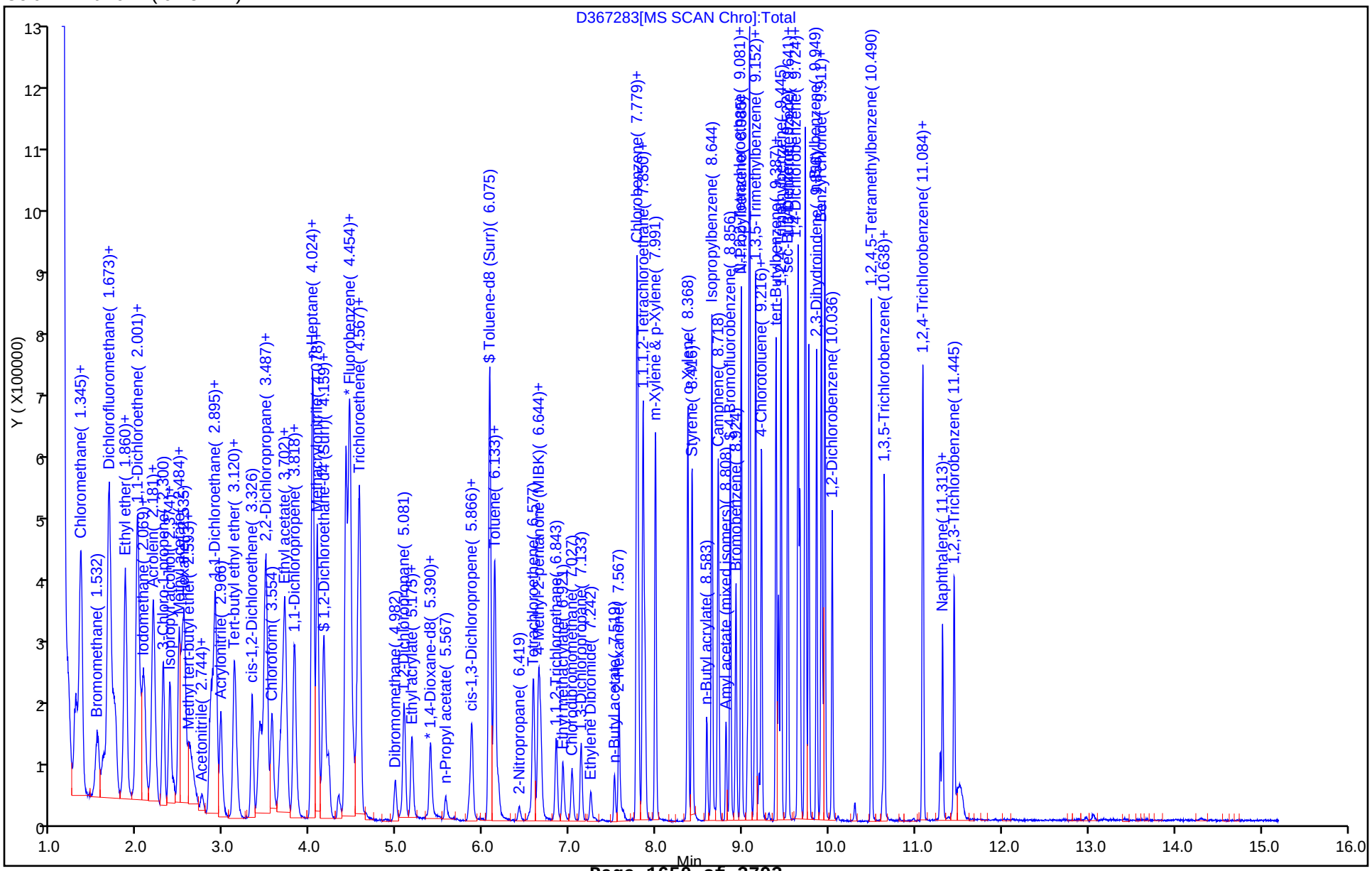
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-212478/4

Matrix: Solid Lab File ID: D367311.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 19:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 212478 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	16.3		1.0	0.16
74-83-9	Bromomethane	20.5		1.0	0.43
75-01-4	Vinyl chloride	20.2		1.0	0.34
75-00-3	Chloroethane	21.2		1.0	0.33
75-09-2	Methylene Chloride	20.4		1.0	0.15
67-64-1	Acetone	82.1		5.0	1.7
75-15-0	Carbon disulfide	20.0		1.0	0.15
75-69-4	Trichlorofluoromethane	20.1		1.0	0.16
75-35-4	1,1-Dichloroethene	21.4		1.0	0.19
75-34-3	1,1-Dichloroethane	19.9		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	19.8		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	18.4		1.0	0.11
67-66-3	Chloroform	18.9		1.0	0.24
78-93-3	2-Butanone	73.6		5.0	0.63
107-06-2	1,2-Dichloroethane	19.0		1.0	0.18
71-55-6	1,1,1-Trichloroethane	20.5		1.0	0.13
56-23-5	Carbon tetrachloride	19.3		1.0	0.15
71-43-2	Benzene	19.3		1.0	0.15
75-25-2	Bromoform	16.4		1.0	0.17
100-42-5	Styrene	17.8		1.0	0.28
100-41-4	Ethylbenzene	18.2		1.0	0.17
108-90-7	Chlorobenzene	17.3		1.0	0.18
110-82-7	Cyclohexane	20.1		1.0	0.13
98-82-8	Isopropylbenzene	18.9		1.0	0.11
591-78-6	2-Hexanone	101		5.0	0.13
1634-04-4	MTBE	21.4		1.0	0.11
76-13-1	Freon TF	22.5		1.0	0.11
79-20-9	Methyl acetate	108		5.0	0.32
123-91-1	1,4-Dioxane	319		20	13
79-01-6	Trichloroethene	18.2		1.0	0.12
108-88-3	Toluene	18.4		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	17.2		1.0	0.10
108-10-1	4-Methyl-2-pentanone	93.7		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	16.9		1.0	0.14
95-50-1	1,2-Dichlorobenzene	18.2		1.0	0.10
541-73-1	1,3-Dichlorobenzene	17.8		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-212478/4

Matrix: Solid | Lab File ID: D367311.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/13/2014 19:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212478 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	17.3		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	18.2		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	17.3		1.0	0.16
78-87-5	1,2-Dichloropropane	18.4		1.0	0.15
108-87-2	Methylcyclohexane	18.9		1.0	0.10
127-18-4	Tetrachloroethene	18.0		1.0	0.12
1330-20-7	Xylenes, Total	37.1		2.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	15.9		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	18.5		1.0	0.090
79-00-5	1,1,2-Trichloroethane	16.5		1.0	0.14
124-48-1	Dibromochloromethane	15.8		1.0	0.10
106-93-4	1,2-Dibromoethane	17.3		1.0	0.15
75-71-8	Dichlorodifluoromethane	22.3		1.0	0.22
74-97-5	Bromochloromethane	19.1		1.0	0.11
75-27-4	Bromodichloromethane	17.5		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	98		70-130

Report Date: 14-Mar-2014 18:28:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367311.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 13-Mar-2014 19:33:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0010833-004
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 18:28:26 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: starzecm Date: 13-Mar-2014 23:02:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.194	1.188	0.006	69	188678	22.3	
2 Chloromethane	50	1.278	1.268	0.010	78	211590	16.3	
149 Butadiene	54	1.336	1.329	0.007	85	168910	21.1	
4 Vinyl chloride	62	1.339	1.329	0.010	70	192091	20.2	
6 Bromomethane	94	1.532	1.519	0.013	72	102680	20.5	
7 Chloroethane	64	1.599	1.590	0.009	76	91193	21.2	
10 Pentane	72	1.664	1.654	0.010	92	45368	45.7	
8 Trichlorofluoromethane	101	1.692	1.686	0.006	78	153582	20.1	
9 Dichlorofluoromethane	67	1.734	1.722	0.012	76	206107	21.5	
14 2-Methyl-1,3-butadiene	67	1.850	1.844	0.006	93	155990	20.4	
13 Ethyl ether	59	1.860	1.853	0.007	35	44942	21.1	M
18 1,1-Dichloroethene	96	1.985	1.976	0.009	85	93463	21.4	M
21 Carbon disulfide	76	2.001	1.992	0.009	100	325196	20.0	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.053	2.043	0.010	87	111625	22.5	
20 Iodomethane	142	2.075	2.066	0.009	76	137777	21.0	
11 Ethanol	45	2.159	2.152	0.007	24	304	NC	
22 Cyclopentene	67	2.178	2.168	0.010	87	284231	20.7	
17 Acrolein	56	2.207	2.207	0.0	72	39299	234.6	
147 3-Chloro-1-propene	76	2.291	2.284	0.007	84	54177	19.5	
34 Isopropyl alcohol	45	2.361	2.358	0.003	23	25126	173.2	
25 Methylene Chloride	84	2.364	2.361	0.003	84	84344	20.4	
19 Acetone	43	2.409	2.406	0.003	74	61678	82.1	
29 trans-1,2-Dichloroethene	96	2.474	2.464	0.010	82	87859	19.8	
23 Methyl acetate	43	2.496	2.493	0.003	98	270007	108.4	
32 Hexane	57	2.532	2.525	0.007	93	197929	21.2	
27 Methyl tert-butyl ether	73	2.580	2.567	0.013	90	158627	21.4	
* 151 TBA-d9 (IS)	65	2.635	2.622	0.013	89	151816	1000.0	
26 2-Methyl-2-propanol	59	2.673	2.670	0.003	48	40139	173.8	
24 Acetonitrile	41	2.747	2.741	0.006	93	44538	203.7	
35 Isopropyl ether	45	2.844	2.840	0.004	95	241039	20.4	
33 2-Chloro-1,3-butadiene	88	2.889	2.885	0.004	88	79913	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
36 1,1-Dichloroethane	63	2.908	2.902	0.006	80	149194	19.9	
30 Acrylonitrile	53	2.956	2.953	0.003	94	110863	137.3	
40 Tert-butyl ethyl ether	59	3.114	3.107	0.007	81	186889	20.1	
37 Vinyl acetate	43	3.120	3.114	0.006	97	135775	31.9	
42 cis-1,2-Dichloroethene	96	3.323	3.316	0.007	85	71241	18.4	
41 2,2-Dichloropropane	77	3.419	3.413	0.006	88	129224	19.7	
46 Chlorobromomethane	128	3.477	3.474	0.003	67	25763	19.1	
49 Cyclohexane	56	3.487	3.477	0.010	86	183701	20.1	
47 Chloroform	83	3.548	3.545	0.003	83	108249	18.9	
51 Carbon tetrachloride	117	3.651	3.651	0.0	89	106196	19.3	
39 Methyl acrylate	55	3.676	3.673	0.003	56	19883	15.3	
45 Tetrahydrofuran	42	3.676	3.680	-0.004	52	24019	36.9	
44 Ethyl acetate	70	3.673	3.670	0.003	71	5277	26.7	
$ 152 Dibromofluoromethane (Surr)	113	3.696	3.689	0.007	90	107053	49.0	
50 1,1,1-Trichloroethane	97	3.715	3.715	0.0	80	114136	20.5	
52 1,1-Dichloropropene	75	3.805	3.802	0.003	91	99891	18.5	
43 2-Butanone (MEK)	72	3.818	3.815	0.003	81	19067	73.6	
53 Benzene	78	4.024	4.017	0.007	97	276957	19.3	
58 n-Heptane	57	4.020	4.017	0.003	66	84040	21.1	
48 Propionitrile	54	4.059	4.065	-0.006	50	32888	191.2	
31 Methacrylonitrile	67	4.075	4.075	0.0	91	114832	199.0	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.143	4.139	0.004	91	94104	49.4	
142 Tert-amyl methyl ether	73	4.159	4.159	0.0	92	139465	19.9	
55 1,2-Dichloroethane	62	4.204	4.204	0.0	93	51539	19.0	
56 Isobutyl alcohol	43	4.506	4.326	0.180	57	65853	NC	
* 59 Fluorobenzene	96	4.406	4.406	0.0	83	496880	50.0	
60 2,4,4-Trimethyl-1-pentene	57	4.451	4.448	0.003	91	525989	37.8	
57 Isopropyl acetate	43	4.506	4.503	0.003	93	72366	17.8	
63 Methylcyclohexane	83	4.551	4.548	0.003	93	159822	18.9	
61 Trichloroethene	95	4.567	4.561	0.006	81	62777	18.2	
68 Dibromomethane	93	4.979	4.979	0.0	86	21227	18.0	
65 1,2-Dichloropropane	63	5.081	5.082	-0.001	91	61892	18.4	
70 Dichlorobromomethane	83	5.165	5.165	0.0	91	57746	17.5	M
64 Ethyl acrylate	55	5.171	5.168	0.003	35	26397	14.7	
* 150 1,4-Dioxane-d8	96	5.380	5.368	0.012	91	11680	1000.0	
66 Methyl methacrylate	100	5.387	5.387	0.0	93	14027	35.7	
67 1,4-Dioxane	88	5.406	5.403	0.003	30	6195	318.8	
69 n-Propyl acetate	43	5.560	5.564	-0.004	93	31746	16.6	
72 2-Chloroethyl vinyl ether	63	5.843	5.837	0.006	81	14265	16.0	
74 cis-1,3-Dichloropropene	75	5.863	5.863	0.0	88	67594	16.9	
$ 76 Toluene-d8 (Surr)	98	6.072	6.072	0.0	90	464432	48.1	
77 Toluene	91	6.130	6.130	0.0	90	261823	18.4	
73 Epichlorohydrin	57	6.168	6.168	0.0	96	39249	327.0	
71 2-Nitropropane	41	6.409	6.413	-0.004	90	9193	29.6	
80 Tetrachloroethene	166	6.580	6.580	0.0	91	57402	18.0	
75 4-Methyl-2-pentanone (MIBK)	43	6.638	6.635	0.004	96	134184	93.7	
78 trans-1,3-Dichloropropene	75	6.660	6.660	0.0	92	45283	17.2	
79 1,1,2-Trichloroethane	83	6.840	6.840	0.0	90	24155	16.5	
82 Ethyl methacrylate	69	6.917	6.921	-0.004	89	36050	15.5	
84 Chlorodibromomethane	129	7.027	7.027	0.0	93	27414	15.8	
81 1,3-Dichloropropane	76	7.130	7.126	0.004	90	49877	17.6	
86 Ethylene Dibromide	107	7.242	7.239	0.003	94	23664	17.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
85 n-Butyl acetate	73	7.515	7.515	0.0	96	5481	18.3	
83 2-Hexanone	43	7.570	7.570	0.0	97	84549	100.7	
* 87 Chlorobenzene-d5	117	7.776	7.776	0.0	82	279514	50.0	
88 Chlorobenzene	112	7.789	7.789	0.0	88	133163	17.3	
89 Ethylbenzene	106	7.847	7.847	0.0	91	88805	18.2	
90 1,1,1,2-Tetrachloroethane	131	7.866	7.869	-0.003	83	41903	17.2	
91 m-Xylene & p-Xylene	106	7.991	7.991	0.0	96	109220	18.3	
92 o-Xylene	106	8.364	8.368	-0.004	90	104380	18.8	
97 Bromoform	173	8.409	8.416	-0.007	41	13382	16.4	
94 Styrene	104	8.416	8.416	0.0	93	146385	17.8	
93 n-Butyl acrylate	73	8.586	8.583	0.003	93	21393	18.3	
98 Isopropylbenzene	105	8.644	8.644	0.0	92	301132	18.9	
95 Camphene	41	8.711	8.715	-0.004	95	27679	18.0	
96 Amyl acetate (mixed isomers)	43	8.805	8.805	0.0	92	50145	17.2	
$ 99 4-Bromofluorobenzene	174	8.856	8.856	0.0	75	96798	49.5	
100 Bromobenzene	156	8.924	8.924	0.0	89	46434	17.6	
102 N-Propylbenzene	91	8.985	8.985	0.0	98	370923	19.0	
101 1,1,2,2-Tetrachloroethane	83	9.056	9.056	0.0	85	35095	18.5	
143 4-Ethyltoluene	105	9.075	9.078	-0.003	86	300762	18.5	
105 2-Chlorotoluene	91	9.081	9.081	0.0	85	220186	18.7	
103 1,2,3-Trichloropropane	110	9.136	9.139	-0.003	93	9293	19.8	
106 1,3,5-Trimethylbenzene	105	9.152	9.152	0.0	89	231778	18.1	
104 trans-1,4-Dichloro-2-butene	53	9.187	9.191	-0.004	55	8434	18.5	
107 4-Chlorotoluene	91	9.216	9.216	0.0	99	184624	18.7	
109 tert-Butylbenzene	119	9.387	9.387	0.0	90	186243	17.6	
108 Butyl Methacrylate	87	9.416	9.416	0.0	90	52014	18.1	
110 1,2,4-Trimethylbenzene	105	9.445	9.445	0.0	84	235211	18.4	
113 sec-Butylbenzene	105	9.522	9.522	0.0	94	333496	18.5	
114 4-Isopropyltoluene	119	9.641	9.641	0.0	85	267761	17.8	
115 1,3-Dichlorobenzene	146	9.663	9.663	0.0	87	106762	17.8	
* 116 1,4-Dichlorobenzene-d4	152	9.721	9.721	0.0	86	133040	50.0	
117 1,4-Dichlorobenzene	146	9.731	9.734	-0.003	71	102357	17.3	
119 2,3-Dihydroindene	117	9.856	9.856	0.0	83	204813	17.1	
133 p-Diethylbenzene	119	9.911	9.911	0.0	83	168361	18.6	
118 Benzyl chloride	126	9.927	9.927	0.0	92	11696	16.3	
120 n-Butylbenzene	92	9.949	9.949	0.0	96	162156	19.2	
121 1,2-Dichlorobenzene	146	10.036	10.036	0.0	85	92950	18.2	
132 1,2,4,5-Tetramethylbenzene	119	10.490	10.490	0.0	84	218706	17.8	
122 1,2-Dibromo-3-Chloropropane	157	10.618	10.621	-0.003	47	4633	15.9	
145 1,3,5-Trichlorobenzene	180	10.637	10.638	-0.001	87	84961	18.3	
126 Hexachlorobutadiene	225	11.081	11.081	0.0	80	36447	16.3	
124 1,2,4-Trichlorobenzene	180	11.091	11.088	0.003	84	69513	18.2	
123 Camphor	95	11.287	11.287	0.0	86	14371	96.1	
127 Naphthalene	128	11.313	11.313	0.0	83	121244	17.4	
128 1,2,3-Trichlorobenzene	180	11.445	11.448	-0.004	85	55634	17.3	
S 131 Xylenes, Total	100				0		37.1	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 14-Mar-2014 18:28:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367311.D

Injection Date: 13-Mar-2014 19:33:30 Instrument ID: CVOAMS4 Operator ID:

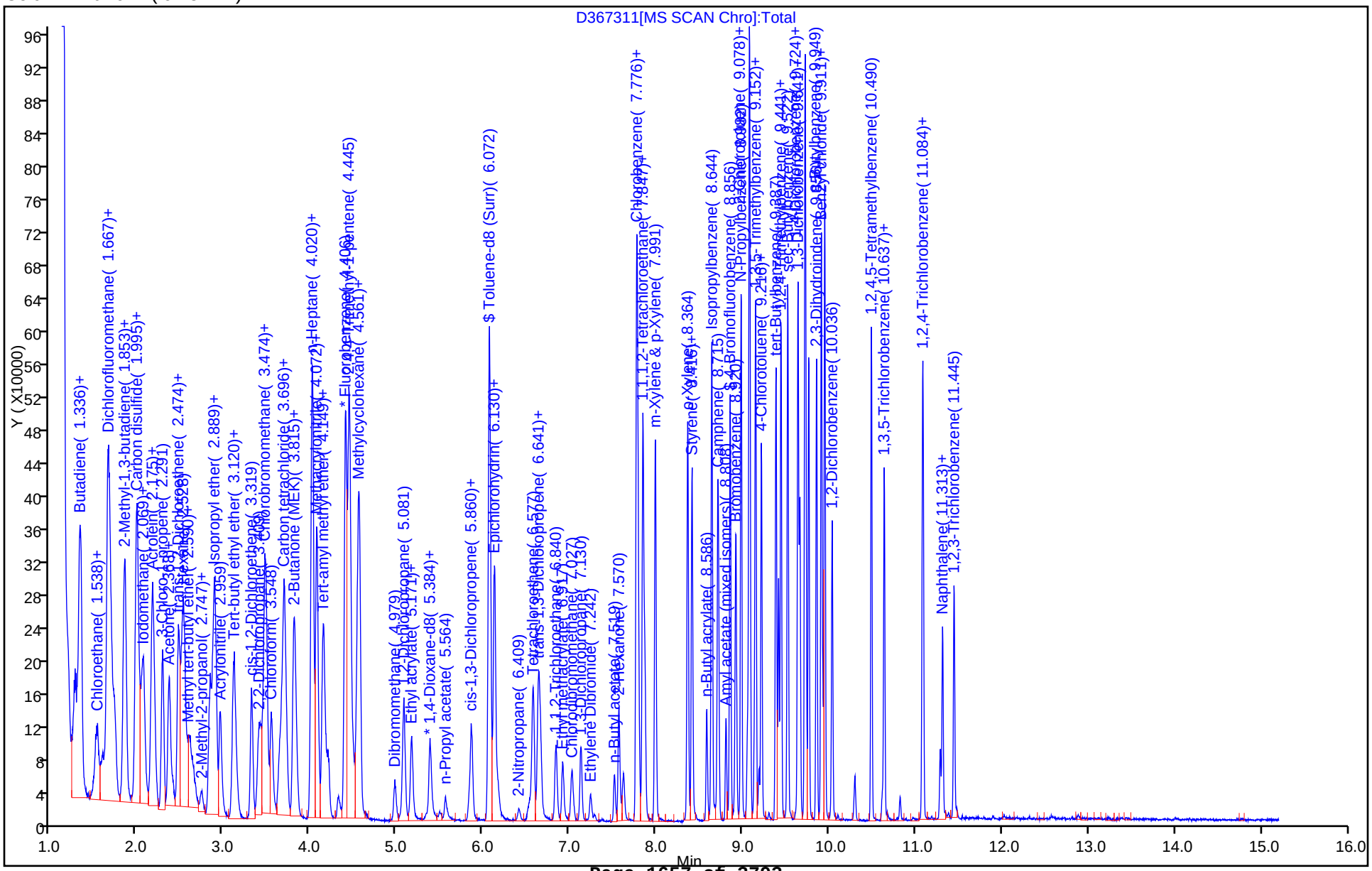
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

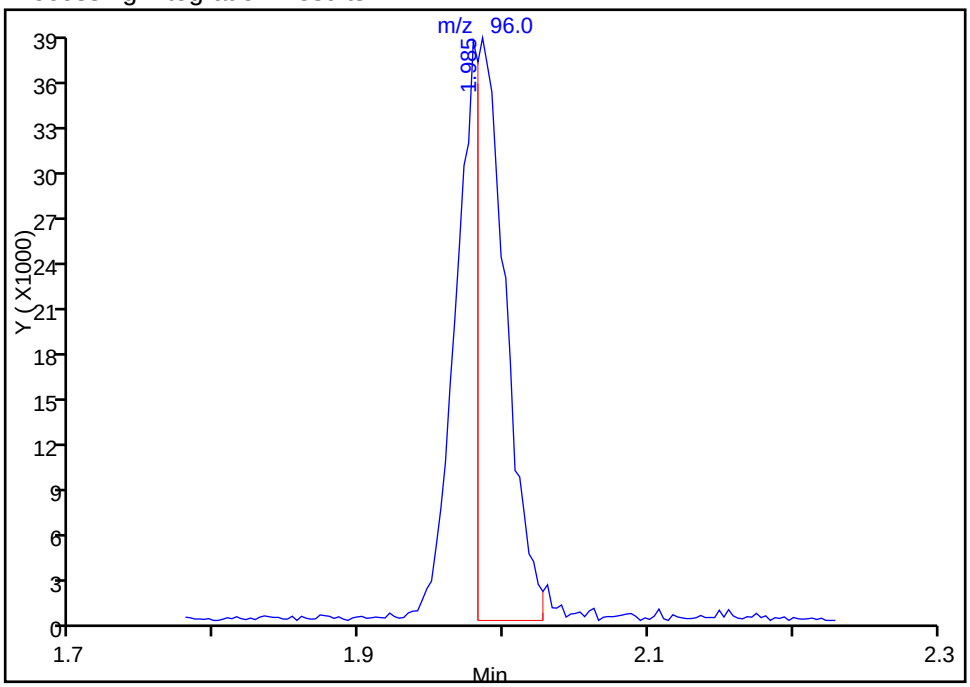
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367311.D
Injection Date: 13-Mar-2014 19:33:30 Instrument ID: CVOAMS4
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1-Dichloroethene, CAS: 75-35-4

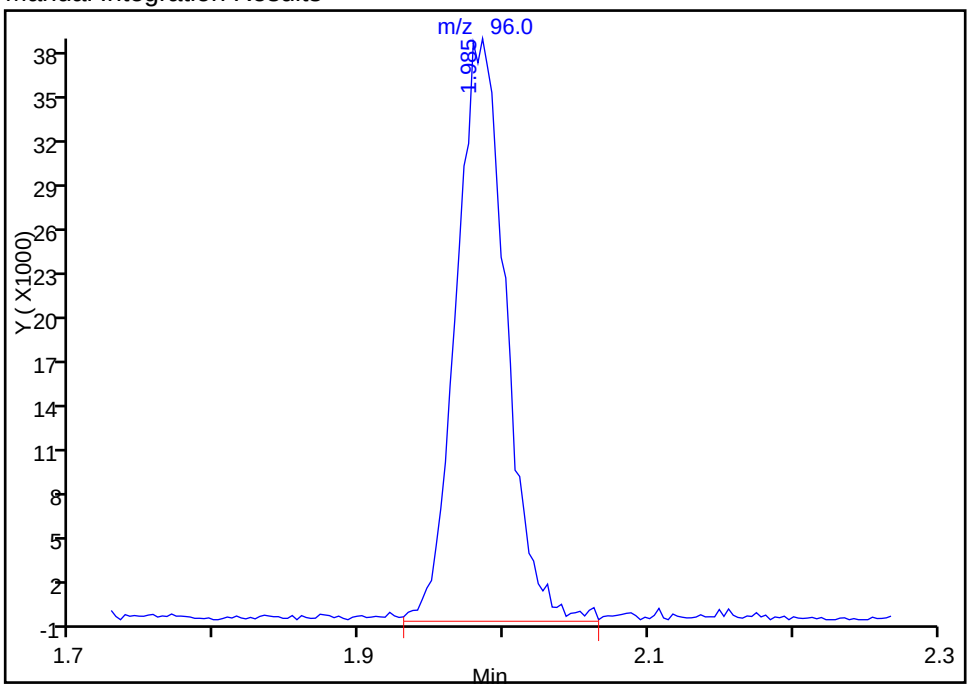
Processing Integration Results

RT: 1.99
Response: 54083
Amount: 12.379602



Manual Integration Results

RT: 1.99
Response: 93463
Amount: 21.393687



Reviewer: baronm, 14-Mar-2014 18:22:41
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

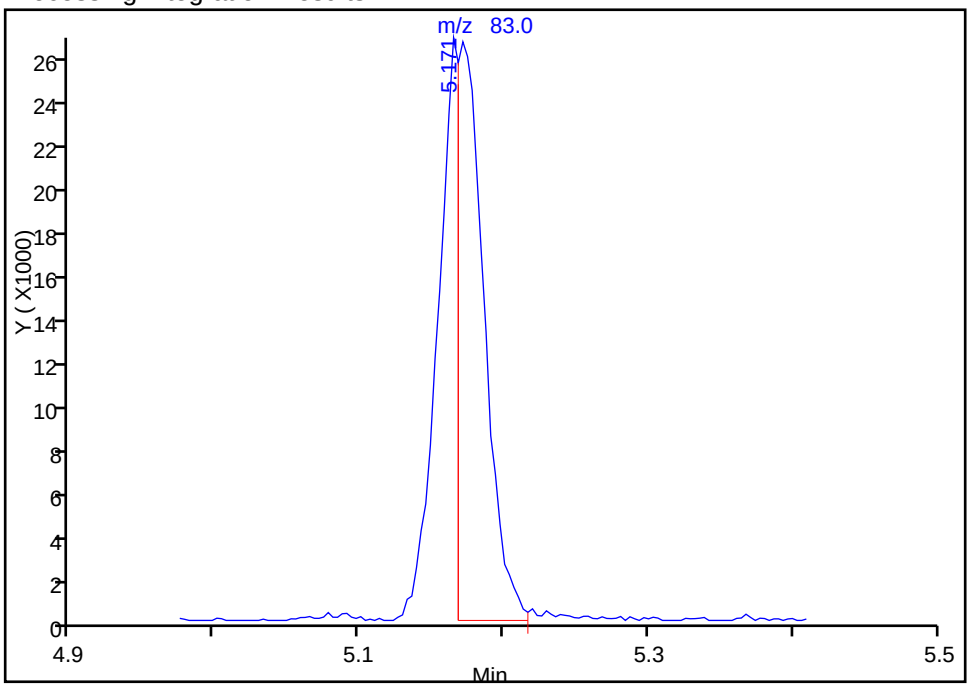
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367311.D
Injection Date: 13-Mar-2014 19:33:30 Instrument ID: CVOAMS4
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 Dichlorobromomethane, CAS: 75-27-4

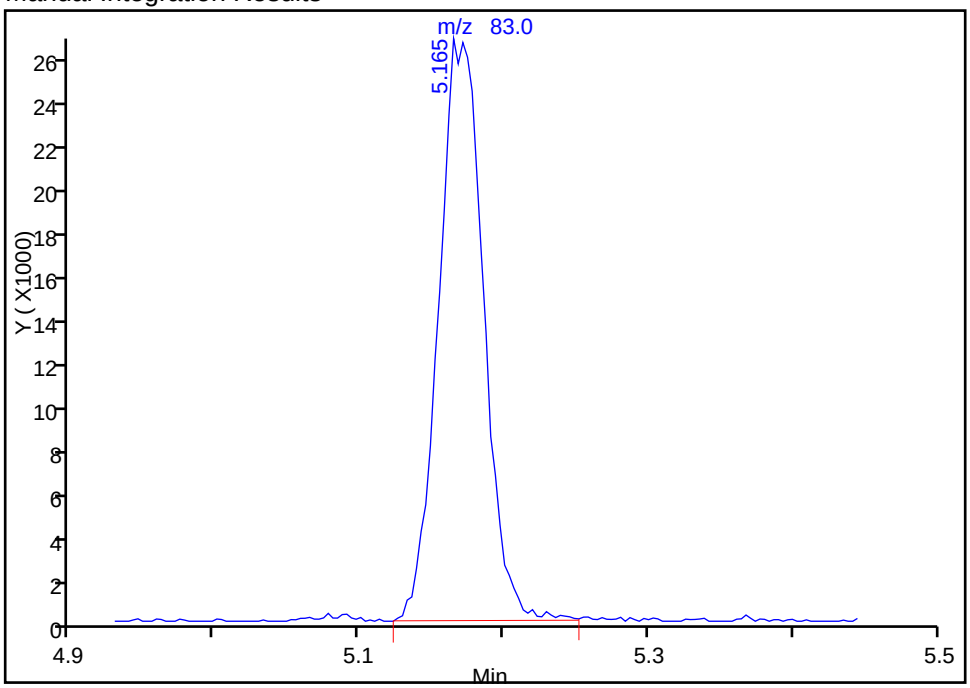
Processing Integration Results

RT: 5.17
Response: 34714
Amount: 10.528496



Manual Integration Results

RT: 5.17
Response: 57746
Amount: 17.513929



Reviewer: baronm, 14-Mar-2014 18:22:41
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-212509/3

Matrix: Solid Lab File ID: J09964.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 22:08

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 212509 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	897		50	4.8
74-83-9	Bromomethane	929		50	9.1
75-01-4	Vinyl chloride	926		50	7.2
75-00-3	Chloroethane	1380		50	8.5
75-09-2	Methylene Chloride	1000		50	9.1
67-64-1	Acetone	5800		250	130
75-15-0	Carbon disulfide	1050		50	6.3
75-69-4	Trichlorofluoromethane	967		50	7.3
75-35-4	1,1-Dichloroethene	987		50	4.4
75-34-3	1,1-Dichloroethane	1040		50	6.5
156-60-5	trans-1,2-Dichloroethene	1040		50	6.4
156-59-2	cis-1,2-Dichloroethene	1010		50	8.9
67-66-3	Chloroform	1030		50	3.9
78-93-3	2-Butanone	6160		250	120
107-06-2	1,2-Dichloroethane	985		50	9.5
71-55-6	1,1,1-Trichloroethane	998		50	3.1
56-23-5	Carbon tetrachloride	837		50	2.9
71-43-2	Benzene	1020		50	4.1
75-25-2	Bromoform	797		50	9.6
100-42-5	Styrene	980		50	5.9
100-41-4	Ethylbenzene	996		50	4.8
108-90-7	Chlorobenzene	996		50	5.5
110-82-7	Cyclohexane	888		50	7.9
98-82-8	Isopropylbenzene	1050		50	3.8
591-78-6	2-Hexanone	6430		250	25
1634-04-4	MTBE	959		50	6.9
76-13-1	Freon TF	935		50	4.1
79-20-9	Methyl acetate	4720		250	17
123-91-1	1,4-Dioxane	22200		2500	1800
79-01-6	Trichloroethene	1070		50	4.6
108-88-3	Toluene	1040		50	7.5
10061-02-6	trans-1,3-Dichloropropene	1020		50	12
108-10-1	4-Methyl-2-pentanone	4690		250	49
10061-01-5	cis-1,3-Dichloropropene	987		50	9.2
95-50-1	1,2-Dichlorobenzene	1040		50	10
541-73-1	1,3-Dichlorobenzene	1040		50	6.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-212509/3

Matrix: Solid | Lab File ID: J09964.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/13/2014 22:08

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 212509 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1040		50	12
120-82-1	1,2,4-Trichlorobenzene	1040		50	17
87-61-6	1,2,3-Trichlorobenzene	1000		50	26
78-87-5	1,2-Dichloropropane	1050		50	4.3
108-87-2	Methylcyclohexane	863		50	6.8
127-18-4	Tetrachloroethene	1100		50	4.9
1330-20-7	Xylenes, Total	1950		100	18
96-12-8	1,2-Dibromo-3-Chloropropane	779		50	20
79-34-5	1,1,2,2-Tetrachloroethane	1020		50	7.9
79-00-5	1,1,2-Trichloroethane	988		50	9.4
124-48-1	Dibromochloromethane	866		50	10
106-93-4	1,2-Dibromoethane	965		50	14
75-71-8	Dichlorodifluoromethane	807		50	11
74-97-5	Bromochloromethane	988		50	14
75-27-4	Bromodichloromethane	964		50	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		75-135
2037-26-5	Toluene-d8 (Surr)	98		59-150
460-00-4	Bromofluorobenzene	97		72-133
1868-53-7	Dibromofluoromethane (Surr)	99		70-130

Report Date: 14-Mar-2014 07:56:10 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09964.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 13-Mar-2014 22:08:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCS
Misc. Info.: 460-0010838-003
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 07:56:10 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: delpolitov Date: 14-Mar-2014 07:56:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.476	1.472	0.004	88	80403	16.1	
2 Chloromethane	50	1.646	1.648	-0.002	100	103651	17.9	
4 Vinyl chloride	62	1.734	1.736	-0.002	97	77870	18.5	
149 Butadiene	54	1.764	1.760	0.004	95	66014	17.4	
6 Bromomethane	94	2.016	2.018	-0.002	96	43394	18.6	
7 Chloroethane	64	2.110	2.112	-0.002	99	44381	27.7	
9 Dichlorofluoromethane	67	2.286	2.283	0.003	89	122309	19.0	
8 Trichlorofluoromethane	101	2.292	2.295	-0.003	84	100328	19.3	
10 Pentane	72	2.333	2.342	-0.009	96	20449	60.2	
11 Ethanol	46	2.492	2.494	-0.002	97	15957	1408.0	
13 Ethyl ether	59	2.533	2.535	-0.002	92	59126	21.9	
14 2-Methyl-1,3-butadiene	53	2.551	2.553	-0.002	95	71575	21.5	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.698	2.700	-0.002	94	72097	18.7	
17 Acrolein	56	2.704	2.706	-0.002	40	8033	48.5	
18 1,1-Dichloroethene	96	2.739	2.735	0.004	85	65968	19.7	
19 Acetone	43	2.833	2.829	0.004	85	142430	116.0	
20 Iodomethane	142	2.886	2.888	-0.002	99	123368	21.6	
34 Isopropyl alcohol	45	2.921	2.917	0.004	36	47556	210.8	
21 Carbon disulfide	76	2.921	2.917	0.004	100	235479	21.1	
147 3-Chloro-1-propene	76	3.056	3.058	-0.002	87	40543	18.2	
23 Methyl acetate	43	3.068	3.070	-0.002	98	407035	94.4	
22 Cyclopentene	67	3.074	3.076	-0.002	78	211056	19.8	
24 Acetonitrile	41	3.127	3.123	0.004	97	151750	257.1	
* 151 TBA-d9 (IS)	65	3.180	3.176	0.004	93	405434	1000.0	
25 Methylene Chloride	84	3.180	3.182	-0.002	89	81225	20.1	
26 2-Methyl-2-propanol	59	3.244	3.246	-0.002	95	75427	231.6	
27 Methyl tert-butyl ether	73	3.344	3.340	0.004	97	232091	19.2	
29 trans-1,2-Dichloroethene	96	3.368	3.370	-0.002	98	76926	20.8	
30 Acrylonitrile	53	3.444	3.446	-0.002	94	353809	197.7	
32 Hexane	57	3.526	3.523	0.003	93	86743	19.7	
35 Isopropyl ether	45	3.738	3.734	0.004	98	328244	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
36 1,1-Dichloroethane	63	3.773	3.775	-0.002	99	163678	20.8	
37 Vinyl acetate	43	3.785	3.787	-0.002	100	358345	41.5	
38 Allyl alcohol	57	3.791	3.793	-0.002	27	28296	563.2	
33 2-Chloro-1,3-butadiene	88	3.814	3.816	-0.002	93	64962	18.6	
40 Tert-butyl ethyl ether	59	4.049	4.051	-0.002	84	264018	19.3	
41 2,2-Dichloropropane	77	4.266	4.263	0.003	88	114186	19.8	
42 cis-1,2-Dichloroethene	96	4.290	4.286	0.004	85	85895	20.2	
44 Ethyl acetate	43	4.313	4.310	0.003	95	417126	39.8	
43 2-Butanone (MEK)	72	4.308	4.310	-0.002	95	45135	123.2	
39 Methyl acrylate	55	4.366	4.363	0.003	99	82047	17.8	
48 Propionitrile	54	4.443	4.439	0.004	97	136253	262.1	
46 Chlorobromomethane	128	4.519	4.516	0.003	78	40804	19.8	
45 Tetrahydrofuran	72	4.519	4.521	-0.002	49	20319	48.3	
31 Methacrylonitrile	67	4.548	4.545	0.003	96	367722	196.6	
47 Chloroform	83	4.572	4.574	-0.002	97	145470	20.5	
49 Cyclohexane	56	4.695	4.698	-0.003	97	122008	17.8	
50 1,1,1-Trichloroethane	97	4.719	4.715	0.004	90	108399	20.0	
$ 152 Dibromofluoromethane (Surr)	113	4.731	4.727	0.004	96	221855	49.5	
51 Carbon tetrachloride	117	4.836	4.839	-0.003	90	78211	16.7	
52 1,1-Dichloropropene	75	4.866	4.868	-0.002	93	111937	23.3	
56 Isobutyl alcohol	43	4.983	4.986	-0.003	97	89896	540.6	
53 Benzene	78	5.066	5.062	0.004	93	316814	20.5	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.083	5.080	0.003	87	299914	49.0	
57 Isopropyl acetate	43	5.118	5.121	-0.003	96	261921	18.0	
142 Tert-amyl methyl ether	73	5.124	5.127	-0.003	86	226035	19.4	
55 1,2-Dichloroethane	62	5.160	5.156	0.004	96	118424	19.7	
58 n-Heptane	57	5.212	5.209	0.003	96	35584	20.2	
* 59 Fluorobenzene	96	5.353	5.356	-0.003	98	815452	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.565	5.561	0.004	91	264313	38.9	
62 n-Butanol	56	5.653	5.649	0.004	93	41172	528.6	
61 Trichloroethene	95	5.706	5.708	-0.002	93	83575	21.5	
64 Ethyl acrylate	55	5.829	5.826	0.003	96	188829	20.5	
63 Methylcyclohexane	83	5.829	5.832	-0.003	70	84264	17.3	
65 1,2-Dichloropropane	63	6.000	6.002	-0.002	87	91051	21.0	
* 150 1,4-Dioxane-d8	96	6.053	6.055	-0.002	50	46140	1000.0	
66 Methyl methacrylate	100	6.076	6.073	0.004	92	45558	37.5	
67 1,4-Dioxane	88	6.105	6.114	-0.009	55	17378	444.4	
69 n-Propyl acetate	43	6.129	6.125	0.004	98	148070	17.5	
68 Dibromomethane	93	6.129	6.131	-0.002	90	50298	19.7	
70 Dichlorobromomethane	83	6.282	6.278	0.004	93	94848	19.3	
72 2-Chloroethyl vinyl ether	63	6.617	6.619	-0.002	88	63880	19.5	
71 2-Nitropropane	41	6.617	6.619	-0.002	69	21854	24.1	
73 Epichlorohydrin	57	6.728	6.725	0.003	98	180570	365.6	
74 cis-1,3-Dichloropropene	75	6.781	6.778	0.003	97	131408	19.7	
75 4-Methyl-2-pentanone (MIBK)	43	6.940	6.942	-0.002	99	476866	93.7	
$ 76 Toluene-d8 (Surr)	98	7.028	7.024	0.004	98	840599	48.9	
77 Toluene	91	7.104	7.101	0.003	90	328185	20.9	
78 trans-1,3-Dichloropropene	75	7.451	7.453	-0.002	96	118764	20.3	
82 Ethyl methacrylate	69	7.474	7.477	-0.003	94	102807	18.7	
79 1,1,2-Trichloroethane	83	7.668	7.665	0.003	92	62798	19.8	
80 Tetrachloroethene	166	7.709	7.718	-0.009	92	80743	22.0	
81 1,3-Dichloropropane	76	7.886	7.882	0.004	94	124450	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
83 2-Hexanone	58	7.945	7.941	0.003	99	157583	128.6	
85 n-Butyl acetate	43	8.056	8.053	0.003	97	152071	20.7	
84 Chlorodibromomethane	129	8.115	8.117	-0.002	93	62554	17.3	
86 Ethylene Dibromide	107	8.274	8.276	-0.002	94	76490	19.3	
* 87 Chlorobenzene-d5	117	8.820	8.816	0.004	84	699708	50.0	
88 Chlorobenzene	112	8.855	8.852	0.003	92	211594	19.9	
89 Ethylbenzene	106	8.955	8.957	-0.002	99	107611	19.9	
90 1,1,1,2-Tetrachloroethane	131	8.973	8.975	-0.002	87	62307	18.1	
91 m-Xylene & p-Xylene	106	9.114	9.110	0.004	96	133784	19.6	
93 n-Butyl acrylate	73	9.543	9.545	-0.002	91	54436	16.8	
92 o-Xylene	106	9.560	9.557	0.003	92	130630	19.4	
94 Styrene	104	9.590	9.586	0.004	92	233866	19.6	
96 Amyl acetate (mixed isomers)	43	9.766	9.762	0.004	86	163106	18.6	
97 Bromoform	173	9.795	9.792	0.003	94	37516	15.9	
98 Isopropylbenzene	105	9.901	9.903	-0.002	97	309898	20.9	
$ 99 4-Bromofluorobenzene	174	10.083	10.085	-0.002	92	291128	48.6	
95 Camphene	41	10.101	10.097	0.004	94	20889	16.4	
100 Bromobenzene	156	10.201	10.203	-0.002	94	99706	21.8	
101 1,1,2,2-Tetrachloroethane	83	10.236	10.238	-0.002	90	99216	20.3	
102 N-Propylbenzene	91	10.259	10.262	-0.003	92	371880	22.2	
103 1,2,3-Trichloropropane	110	10.277	10.279	-0.002	95	28378	19.6	
104 trans-1,4-Dichloro-2-butene	53	10.295	10.291	0.004	79	29960	17.2	
105 2-Chlorotoluene	91	10.348	10.350	-0.002	97	267488	20.4	
143 4-Ethyltoluene	105	10.353	10.356	-0.003	90	319314	19.9	
106 1,3,5-Trimethylbenzene	105	10.406	10.409	-0.003	84	256304	21.1	
107 4-Chlorotoluene	91	10.442	10.444	-0.002	97	253750	20.8	
108 Butyl Methacrylate	87	10.489	10.485	0.004	97	95673	18.2	
109 tert-Butylbenzene	119	10.641	10.644	-0.003	90	197613	20.9	
110 1,2,4-Trimethylbenzene	105	10.688	10.691	-0.003	98	261262	19.9	
113 sec-Butylbenzene	105	10.806	10.802	0.004	99	273568	22.1	
114 4-Isopropyltoluene	119	10.906	10.902	0.004	97	240141	20.7	
115 1,3-Dichlorobenzene	146	10.906	10.908	-0.002	94	177117	20.8	
* 116 1,4-Dichlorobenzene-d4	152	10.959	10.961	-0.002	96	404517	50.0	
117 1,4-Dichlorobenzene	146	10.976	10.973	0.003	93	184608	20.8	
118 Benzyl chloride	91	11.076	11.078	-0.002	98	145396	16.8	
119 2,3-Dihydroindene	117	11.123	11.120	0.003	90	293088	19.3	
133 p-Diethylbenzene	119	11.158	11.155	0.003	91	142921	18.3	
120 n-Butylbenzene	91	11.176	11.172	0.004	96	254546	21.0	
121 1,2-Dichlorobenzene	146	11.223	11.219	0.004	96	179820	20.7	
132 1,2,4,5-Tetramethylbenzene	119	11.634	11.631	0.003	94	247562	19.5	
122 1,2-Dibromo-3-Chloropropane	75	11.711	11.713	-0.002	88	17105	15.6	
145 1,3,5-Trichlorobenzene	180	11.793	11.795	-0.002	96	112572	19.4	
123 Camphor	95	12.140	12.136	0.004	93	54253	95.5	
124 1,2,4-Trichlorobenzene	180	12.192	12.195	-0.003	90	114298	20.7	
126 Hexachlorobutadiene	225	12.257	12.254	0.003	90	35220	21.8	
127 Naphthalene	128	12.363	12.365	-0.002	99	322885	20.4	
128 1,2,3-Trichlorobenzene	180	12.527	12.524	0.003	94	101481	20.1	
S 131 Xylenes, Total	100				0		39.0	

Report Date: 14-Mar-2014 07:56:10 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09964.D

Injection Date: 13-Mar-2014 22:08:30 Instrument ID: CVOAMS8 Operator ID:

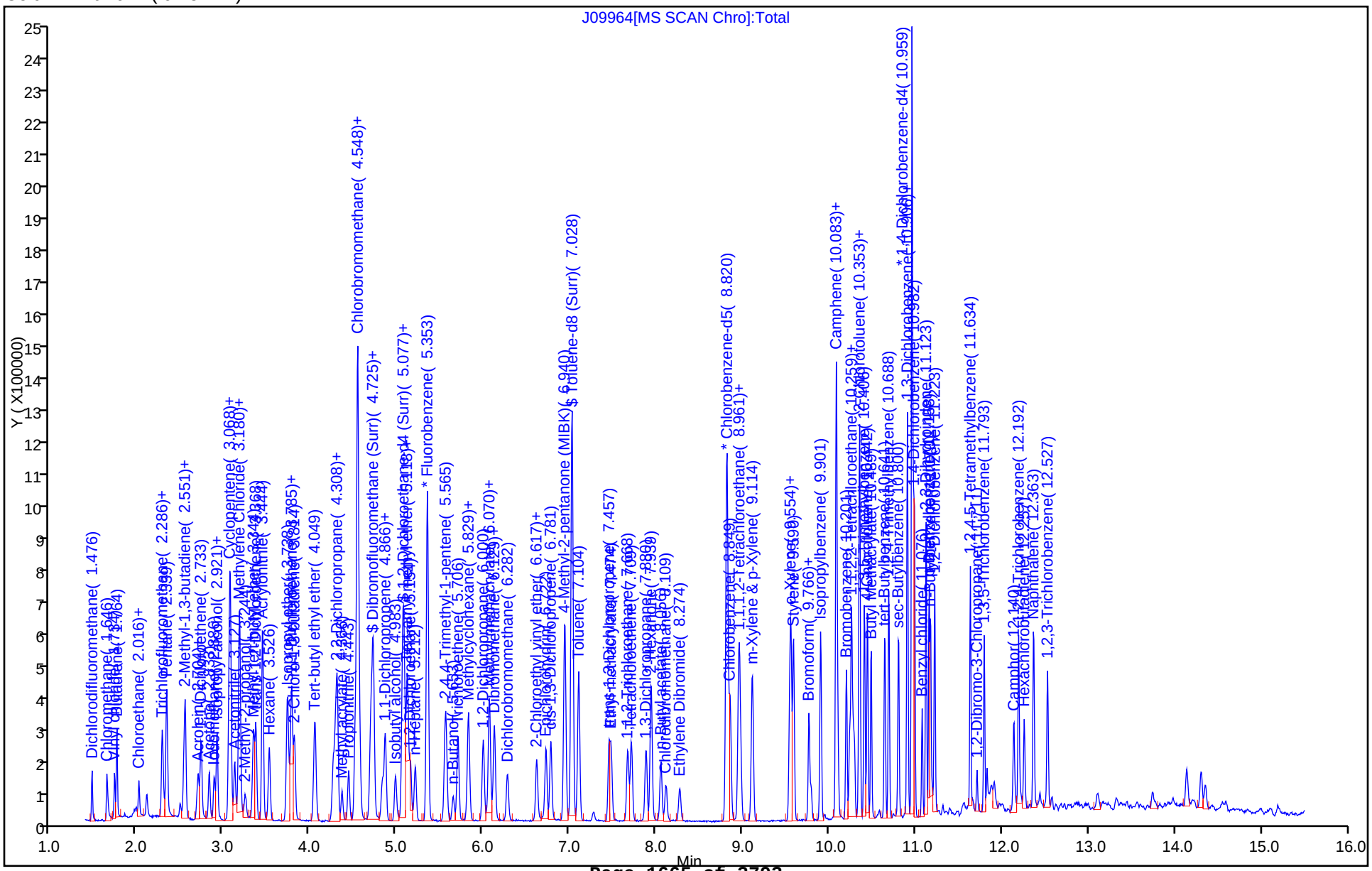
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 2

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-212557/4

Matrix: Water Lab File ID: A00580.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/14/2014 07:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 212557 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	17.8		1.0	0.10
74-83-9	Bromomethane	19.6		1.0	0.18
75-01-4	Vinyl chloride	18.9		1.0	0.14
75-00-3	Chloroethane	19.0		1.0	0.17
75-09-2	Methylene Chloride	20.2		1.0	0.18
67-64-1	Acetone	89.5		5.0	2.7
75-15-0	Carbon disulfide	19.0		1.0	0.13
75-69-4	Trichlorofluoromethane	20.7		1.0	0.15
75-35-4	1,1-Dichloroethene	20.2		1.0	0.090
75-34-3	1,1-Dichloroethane	21.5		1.0	0.13
156-60-5	trans-1,2-Dichloroethene	20.7		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	19.7		1.0	0.18
67-66-3	Chloroform	20.7		1.0	0.080
78-93-3	2-Butanone	90.3		5.0	2.3
107-06-2	1,2-Dichloroethane	19.7		1.0	0.19
71-55-6	1,1,1-Trichloroethane	20.5		1.0	0.060
56-23-5	Carbon tetrachloride	21.6		1.0	0.060
71-43-2	Benzene	21.1		1.0	0.080
75-25-2	Bromoform	15.7		1.0	0.19
100-42-5	Styrene	19.0		1.0	0.12
100-41-4	Ethylbenzene	20.1		1.0	0.10
108-90-7	Chlorobenzene	19.5		1.0	0.11
110-82-7	Cyclohexane	23.8		1.0	0.16
98-82-8	Isopropylbenzene	17.3		1.0	0.080
591-78-6	2-Hexanone	93.0		5.0	0.50
1634-04-4	MTBE	19.4		1.0	0.14
76-13-1	Freon TF	24.1		1.0	0.080
79-20-9	Methyl acetate	106		5.0	0.34
123-91-1	1,4-Dioxane	488		50	36
79-01-6	Trichloroethene	20.7		1.0	0.090
108-88-3	Toluene	20.1		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	18.6		1.0	0.24
108-10-1	4-Methyl-2-pentanone	103		5.0	0.99
10061-01-5	cis-1,3-Dichloropropene	18.2		1.0	0.18
95-50-1	1,2-Dichlorobenzene	20.0		1.0	0.21
541-73-1	1,3-Dichlorobenzene	19.8		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-212557/4

Matrix: Water | Lab File ID: A00580.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/14/2014 07:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212557 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.9		1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	22.7		1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	27.4		1.0	0.51
78-87-5	1,2-Dichloropropane	19.3		1.0	0.090
108-87-2	Methylcyclohexane	22.6		1.0	0.14
127-18-4	Tetrachloroethene	21.3		1.0	0.10
1330-20-7	Xylenes, Total	40.1		2.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	23.2		1.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	19.2		1.0	0.16
79-00-5	1,1,2-Trichloroethane	18.9		1.0	0.19
124-48-1	Dibromochloromethane	17.0		1.0	0.20
106-93-4	1,2-Dibromoethane	18.8		1.0	0.28
75-71-8	Dichlorodifluoromethane	17.2		1.0	0.22
74-97-5	Bromochloromethane	19.8		1.0	0.27
75-27-4	Bromodichloromethane	17.7		1.0	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-130
2037-26-5	Toluene-d8 (Surr)	105		70-130
460-00-4	Bromofluorobenzene	101		70-130
1868-53-7	Dibromofluoromethane (Surr)	107		70-130

Report Date: 14-Mar-2014 11:59:23 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS1\20140314-10853.b\A00580.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 14-Mar-2014 07:29:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0010853-004
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\EDICHROM\ChromData\CVOAMS1\20140314-10853.b\8260624W_1.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 11:59:22 Calib Date: 11-Mar-2014 13:55:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS1\20140311-10690.b\A00422.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: moroneyc Date: 14-Mar-2014 07:47:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
1 Propene	41	1.643	1.643	0.0	97	223550	58.1	
2 Chlorotrifluoroethene	66	1.661	1.673	-0.012	84	27640	19.3	
3 Dichlorodifluoromethane	85	1.704	1.704	0.0	86	127948	17.2	
153 1,2-Dichloro-1,1,2,2-tetrafluoro	135	1.832	1.826	0.006	0	48979	NC	
4 Chloromethane	50	1.844	1.856	-0.012	99	150728	17.8	
6 Vinyl chloride	62	1.978	1.978	0.0	83	147836	18.9	
5 Butadiene	54	1.978	1.984	-0.006	84	130769	19.4	
9 Bromomethane	94	2.301	2.307	-0.006	98	83245	19.6	
10 Chloroethane	64	2.405	2.405	0.0	98	84064	19.0	
12 Dichlorofluoromethane	67	2.612	2.618	-0.006	90	215050	20.5	
13 Trichlorofluoromethane	101	2.624	2.636	-0.012	84	145577	20.7	
17 Acrolein	56	2.649	2.655	-0.006	28	15337	33.4	
11 Pentane	72	2.642	2.655	-0.013	97	46108	54.6	
14 Ethyl ether	59	2.874	2.874	0.0	92	87582	23.6	
16 Ethanol	46	2.862	2.880	-0.018	74	7964	860.0	
15 2-Methyl-1,3-butadiene	67	2.892	2.899	-0.007	95	288966	21.4	
8 1,2-Dichloro-1,1,2-trifluoroetha	117	2.935	2.941	-0.006	82	83381	21.0	
7 2-Chloropropane	63	2.984	2.984	0.0	95	49643	26.0	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.081	3.075	0.006	93	98515	24.1	
20 1,1-Dichloroethene	96	3.094	3.100	-0.006	87	90234	20.2	
21 Acetone	43	3.209	3.209	0.0	83	135769	89.5	
22 Iodomethane	142	3.252	3.258	-0.006	97	150222	21.5	
23 Carbon disulfide	76	3.289	3.289	0.0	100	321788	19.0	
138 Isopropyl alcohol	45	3.319	3.313	0.006	36	35214	246.0	M
141 3-Chloro-1-propene	76	3.429	3.435	-0.006	0	53718	17.7	
26 Acetonitrile	41	3.435	3.435	0.0	74	206459	230.2	
25 Cyclopentene	67	3.447	3.447	0.0	89	285180	20.5	
24 Methyl acetate	43	3.453	3.453	0.0	99	358579	105.9	
27 Methylene Chloride	84	3.563	3.563	0.0	83	106742	20.2	
18 1-Chloropropane	63	3.563	3.563	0.0	95	18365	50.8	
* 28 TBA-d9 (IS)	65	3.587	3.581	0.006	93	293530	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
29 2-Methyl-2-propanol	59	3.661	3.648	0.013	26	64238	206.9	
30 Methyl tert-butyl ether	73	3.734	3.728	0.006	95	277132	19.4	
31 trans-1,2-Dichloroethene	96	3.746	3.746	0.0	89	100698	20.7	
32 Acrylonitrile	53	3.831	3.831	0.0	94	356043	209.3	
33 Hexane	43	3.892	3.898	-0.006	92	107791	25.8	
34 Isopropyl ether	45	4.106	4.106	0.0	94	364465	22.6	
35 1,1-Dichloroethane	63	4.130	4.130	0.0	94	191843	21.5	
36 Vinyl acetate	43	4.142	4.142	0.0	100	446830	38.8	
38 Allyl alcohol	57	4.154	4.167	-0.013	26	22560	614.4	
37 2-Chloro-1,3-butadiene	88	4.167	4.167	0.0	87	86513	20.4	
39 Tert-butyl ethyl ether	59	4.386	4.386	0.0	88	304534	20.5	
40 2,2-Dichloropropane	77	4.575	4.575	0.0	91	138597	19.6	
41 cis-1,2-Dichloroethene	96	4.587	4.587	0.0	93	104439	19.7	
42 Ethyl acetate	70	4.599	4.606	-0.007	93	16171	50.6	
43 2-Butanone (MEK)	72	4.612	4.612	0.0	90	41792	90.3	
45 Propionitrile	54	4.727	4.727	0.0	96	110492	239.3	
47 Chlorobromomethane	128	4.782	4.782	0.0	77	47420	19.8	
46 Tetrahydrofuran	42	4.788	4.788	0.0	52	64063	46.6	
48 Methacrylonitrile	67	4.807	4.807	0.0	93	341097	209.9	
49 Chloroform	83	4.819	4.819	0.0	83	165231	20.7	
44 Methyl acrylate	55	4.929	4.935	-0.006	42	73456	22.4	
50 Cyclohexane	56	4.935	4.935	0.0	92	204483	23.8	
51 1,1,1-Trichloroethane	97	4.947	4.947	0.0	79	136657	20.5	
$ 52 Dibromofluoromethane (Surr)	113	4.947	4.947	0.0	85	195681	53.7	
53 Carbon tetrachloride	117	5.044	5.044	0.0	87	111816	21.6	
54 1,1-Dichloropropene	75	5.063	5.063	0.0	95	134074	23.5	
155 Isooctane	57	5.191	5.191	0.0	0	383577	NC	
55 Benzene	78	5.221	5.227	-0.006	94	392361	21.1	
$ 56 1,2-Dichloroethane-d4 (Surr)	65	5.233	5.233	0.0	93	222318	53.4	
57 Isobutyl alcohol	43	5.258	5.258	0.0	60	258069	1126.3	
58 Isopropyl acetate	43	5.258	5.258	0.0	88	258069	21.0	
59 Tert-amyl methyl ether	73	5.264	5.264	0.0	97	278805	20.5	
60 1,2-Dichloroethane	62	5.294	5.294	0.0	88	108771	19.7	
61 n-Heptane	57	5.331	5.331	0.0	93	86314	23.4	
* 62 Fluorobenzene	96	5.447	5.447	0.0	99	670233	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.605	5.605	0.0	94	602404	43.7	
140 n-Butanol	56	5.654	5.660	-0.006	8	30302	453.7	
64 Trichloroethene	95	5.721	5.721	0.0	95	90936	20.7	
65 Ethyl acrylate	55	5.825	5.819	0.006	94	241257	22.7	
66 Methylcyclohexane	83	5.825	5.825	0.0	97	185953	22.6	
67 1,2-Dichloropropane	63	5.965	5.965	0.0	91	95419	19.3	
* 69 1,4-Dioxane-d8	96	6.008	6.008	0.0	80	26268	1000.0	
68 Methyl methacrylate	100	6.008	6.008	0.0	81	36082	37.3	
70 n-Propyl acetate	43	6.050	6.044	0.006	82	98080	20.0	
71 1,4-Dioxane	88	6.050	6.069	-0.019	6	10823	487.9	
72 Dibromomethane	93	6.075	6.075	0.0	97	47219	19.2	
73 Dichlorobromomethane	83	6.191	6.191	0.0	96	103213	17.7	
74 2-Chloroethyl vinyl ether	63	6.471	6.477	-0.006	92	34594	16.9	
75 2-Nitropropane	41	6.489	6.489	0.0	98	27312	35.7	
76 Epichlorohydrin	57	6.569	6.575	-0.006	98	109745	367.3	
77 cis-1,3-Dichloropropene	75	6.617	6.617	0.0	87	121017	18.2	
78 4-Methyl-2-pentanone (MIBK)	43	6.745	6.745	0.0	97	415219	103.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
$ 79 Toluene-d8 (Surr)	98	6.812	6.812	0.0	98	718431	52.3	
80 Toluene	91	6.867	6.873	-0.006	92	357924	20.1	
81 trans-1,3-Dichloropropene	75	7.093	7.099	-0.006	98	99716	18.6	
82 Ethyl methacrylate	69	7.105	7.105	0.0	89	105256	18.7	
83 1,1,2-Trichloroethane	83	7.239	7.239	0.0	95	55991	18.9	
84 Tetrachloroethene	166	7.276	7.276	0.0	86	83426	21.3	
85 1,3-Dichloropropane	76	7.373	7.373	0.0	95	109981	19.1	
86 2-Hexanone	43	7.404	7.404	0.0	97	229108	93.0	
87 n-Butyl acetate	73	7.459	7.459	0.0	96	20517	25.8	
88 Chlorodibromomethane	129	7.520	7.520	0.0	97	61132	17.0	
89 Ethylene Dibromide	107	7.617	7.617	0.0	99	58688	18.8	
* 90 Chlorobenzene-d5	117	7.910	7.910	0.0	85	423989	50.0	
91 Chlorobenzene	112	7.928	7.928	0.0	92	215277	19.5	
92 Ethylbenzene	106	7.971	7.971	0.0	99	129602	20.1	
93 1,1,1,2-Tetrachloroethane	131	7.983	7.983	0.0	85	81285	18.3	
94 m-Xylene & p-Xylene	106	8.050	8.050	0.0	0	160042	20.3	
95 n-Butyl acrylate	73	8.263	8.263	0.0	97	63497	20.1	
96 o-Xylene	106	8.306	8.306	0.0	89	162621	19.8	
97 Styrene	104	8.324	8.324	0.0	95	256511	19.0	
98 Amyl acetate (mixed isomers)	43	8.397	8.397	0.0	90	160609	20.1	
99 Bromoform	173	8.458	8.458	0.0	97	39463	15.7	
100 Isopropylbenzene	105	8.519	8.519	0.0	95	442001	17.3	
$ 101 4-Bromofluorobenzene	174	8.641	8.641	0.0	86	222177	50.6	
102 Camphene	41	8.660	8.660	0.0	95	39023	22.8	
104 Bromobenzene	156	8.739	8.733	0.006	96	95750	18.3	
103 1,1,2,2-Tetrachloroethane	83	8.733	8.733	0.0	73	96976	19.2	
105 N-Propylbenzene	91	8.757	8.757	0.0	90	555755	17.7	
139 trans-1,4-Dichloro-2-butene	53	8.775	8.769	0.006	63	25382	17.3	
106 1,2,3-Trichloropropane	110	8.775	8.775	0.0	89	27336	19.2	
107 4-Ethyltoluene	105	8.824	8.824	0.0	92	465597	21.2	
108 2-Chlorotoluene	91	8.830	8.830	0.0	94	372035	19.9	
109 1,3,5-Trimethylbenzene	105	8.861	8.861	0.0	79	385603	17.4	
110 Butyl Methacrylate	87	8.891	8.891	0.0	92	136020	18.8	
111 4-Chlorotoluene	91	8.897	8.897	0.0	97	314892	20.0	
112 tert-Butylbenzene	119	9.038	9.038	0.0	91	295796	17.0	
113 1,2,4-Trimethylbenzene	105	9.074	9.074	0.0	91	388326	17.2	
114 sec-Butylbenzene	105	9.166	9.166	0.0	99	498757	16.8	
115 4-Isopropyltoluene	119	9.245	9.239	0.006	96	417490	16.9	
116 1,3-Dichlorobenzene	146	9.263	9.263	0.0	94	206724	19.8	
* 117 1,4-Dichlorobenzene-d4	152	9.306	9.306	0.0	95	260320	50.0	
118 1,4-Dichlorobenzene	146	9.324	9.318	0.006	92	211623	19.9	
119 Benzyl chloride	91	9.409	9.403	0.006	99	174490	17.2	
120 2,3-Dihydroindene	117	9.458	9.452	0.006	76	432265	20.5	
121 p-Diethylbenzene	119	9.470	9.470	0.0	91	287723	21.4	
122 n-Butylbenzene	92	9.489	9.483	0.006	98	250369	19.5	
123 1,2-Dichlorobenzene	146	9.556	9.556	0.0	95	205058	20.0	
124 1,2,4,5-Tetramethylbenzene	119	9.976	9.976	0.0	97	375950	20.4	
125 1,2-Dibromo-3-Chloropropane	75	10.080	10.080	0.0	92	15273	23.2	
126 1,3,5-Trichlorobenzene	180	10.184	10.184	0.0	97	165060	21.5	
127 Camphor	95	10.617	10.617	0.0	91	34848	132.1	
128 1,2,4-Trichlorobenzene	180	10.684	10.684	0.0	90	134812	22.7	
129 Hexachlorobutadiene	225	10.763	10.763	0.0	96	75248	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
130 Naphthalene	128	10.921	10.921	0.0	99	243881	27.0	
133 1,2,3-Trichlorobenzene	180	11.141	11.141	0.0	94	99281	27.4	
S 137 Xylenes, Total	100				0		40.1	

QC Flag Legend

Review Flags
M - Manually Integrated

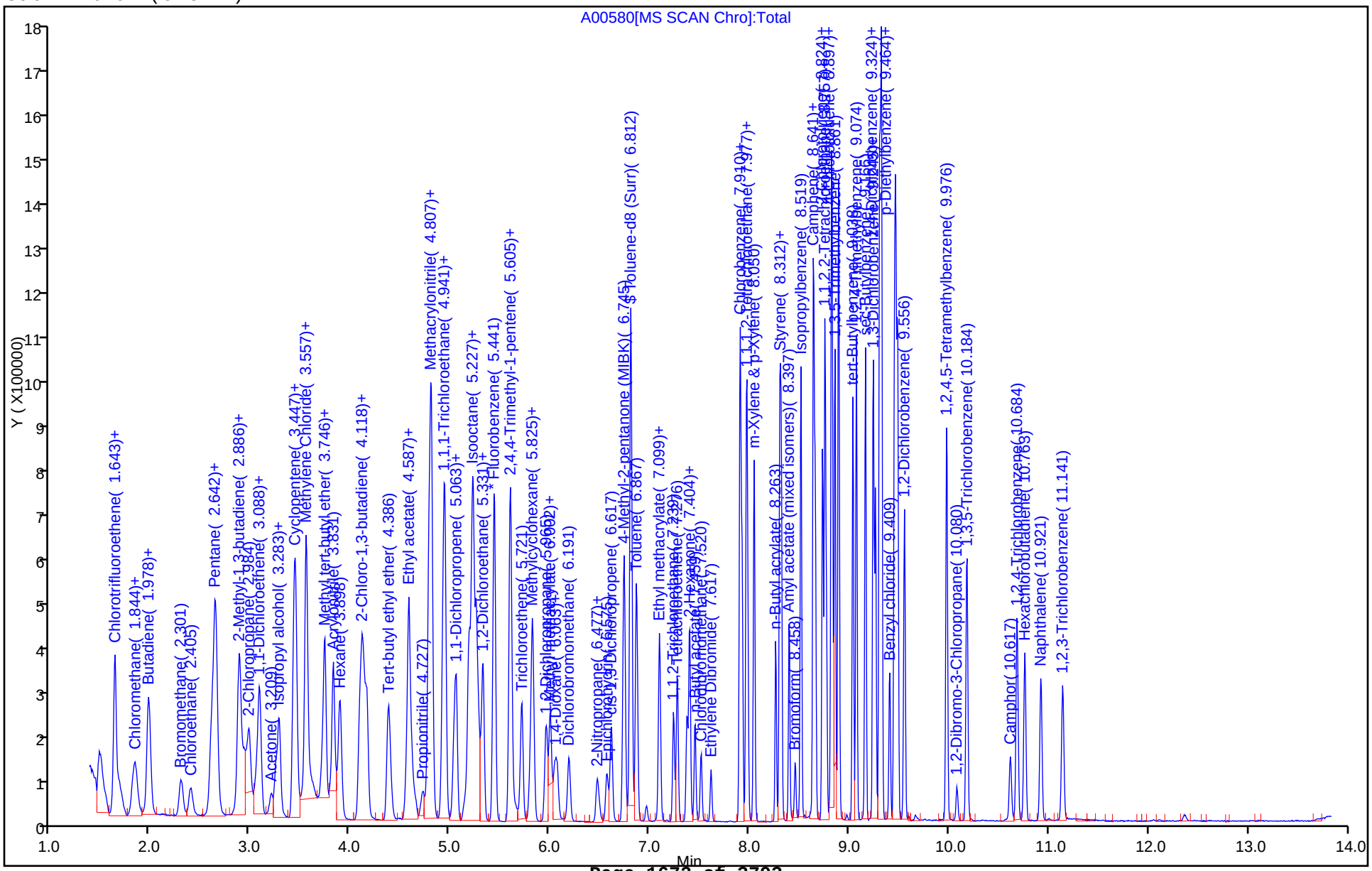
Report Date: 14-Mar-2014 11:59:23 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140314-10853.b\A00580.D

Injection Date:	14-Mar-2014 07:29:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260624W_1	Limit Group:	VOA - 8260B Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-212576/3

Matrix: Solid Lab File ID: D367335.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/14/2014 06:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 212576 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	16.6		1.0	0.16
74-83-9	Bromomethane	21.0		1.0	0.43
75-01-4	Vinyl chloride	21.5		1.0	0.34
75-00-3	Chloroethane	20.9		1.0	0.33
75-09-2	Methylene Chloride	22.0		1.0	0.15
67-64-1	Acetone	71.1		5.0	1.7
75-15-0	Carbon disulfide	20.5		1.0	0.15
75-69-4	Trichlorofluoromethane	21.1		1.0	0.16
75-35-4	1,1-Dichloroethene	22.1		1.0	0.19
75-34-3	1,1-Dichloroethane	22.0		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	22.0		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	21.8		1.0	0.11
67-66-3	Chloroform	21.4		1.0	0.24
78-93-3	2-Butanone	85.8		5.0	0.63
107-06-2	1,2-Dichloroethane	22.2		1.0	0.18
71-55-6	1,1,1-Trichloroethane	23.2		1.0	0.13
56-23-5	Carbon tetrachloride	18.7		1.0	0.15
71-43-2	Benzene	21.2		1.0	0.15
75-25-2	Bromoform	17.3		1.0	0.17
100-42-5	Styrene	20.0		1.0	0.28
100-41-4	Ethylbenzene	20.7		1.0	0.17
108-90-7	Chlorobenzene	19.5		1.0	0.18
110-82-7	Cyclohexane	22.7		1.0	0.13
98-82-8	Isopropylbenzene	21.8		1.0	0.11
591-78-6	2-Hexanone	110		5.0	0.13
1634-04-4	MTBE	22.9		1.0	0.11
76-13-1	Freon TF	22.5		1.0	0.11
79-20-9	Methyl acetate	106		5.0	0.32
123-91-1	1,4-Dioxane	374		20	13
79-01-6	Trichloroethene	22.1		1.0	0.12
108-88-3	Toluene	21.0		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	19.3		1.0	0.10
108-10-1	4-Methyl-2-pentanone	104		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	19.1		1.0	0.14
95-50-1	1,2-Dichlorobenzene	20.9		1.0	0.10
541-73-1	1,3-Dichlorobenzene	19.8		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-212576/3

Matrix: Solid Lab File ID: D367335.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/14/2014 06:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 212576 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.2		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	19.3		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	20.1		1.0	0.16
78-87-5	1,2-Dichloropropane	21.6		1.0	0.15
108-87-2	Methylcyclohexane	21.6		1.0	0.10
127-18-4	Tetrachloroethene	20.2		1.0	0.12
1330-20-7	Xylenes, Total	41.8		2.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	18.6		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	20.7		1.0	0.090
79-00-5	1,1,2-Trichloroethane	19.2		1.0	0.14
124-48-1	Dibromochloromethane	17.9		1.0	0.10
106-93-4	1,2-Dibromoethane	20.0		1.0	0.15
75-71-8	Dichlorodifluoromethane	24.2		1.0	0.22
74-97-5	Bromochloromethane	20.6		1.0	0.11
75-27-4	Bromodichloromethane	19.9		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	Bromofluorobenzene	94		70-130
1868-53-7	Dibromofluoromethane (Surr)	93		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367335.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 14-Mar-2014 06:49:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0010860-003
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 16:47:37 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: tupayachia Date: 14-Mar-2014 10:28:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.204	1.204	0.0	69	181888	24.2	
2 Chloromethane	50	1.287	1.287	0.0	84	191783	16.6	
4 Vinyl chloride	62	1.345	1.345	0.0	96	181413	21.5	
149 Butadiene	54	1.348	1.348	0.0	85	158704	22.3	
6 Bromomethane	94	1.541	1.541	0.0	85	93544	21.0	
7 Chloroethane	64	1.612	1.612	0.0	78	79974	20.9	
10 Pentane	72	1.673	1.673	0.0	97	37922	43.0	
9 Dichlorofluoromethane	67	1.737	1.737	0.0	89	193497	22.7	
8 Trichlorofluoromethane	101	1.696	1.696	0.0	72	142925	21.1	
13 Ethyl ether	59	1.869	1.869	0.0	52	43271	22.8	
14 2-Methyl-1,3-butadiene	67	1.856	1.856	0.0	97	148494	21.8	
18 1,1-Dichloroethene	96	1.991	1.991	0.0	87	85901	22.1	
21 Carbon disulfide	76	2.004	2.004	0.0	99	296106	20.5	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.049	2.049	0.0	81	99134	22.5	
20 Iodomethane	142	2.081	2.081	0.0	75	125653	21.5	
22 Cyclopentene	67	2.184	2.184	0.0	93	268509	22.0	
17 Acrolein	56	2.217	2.217	0.0	37	35467	238.1	
147 3-Chloro-1-propene	76	2.297	2.297	0.0	88	52323	21.2	
25 Methylene Chloride	84	2.374	2.374	0.0	88	80801	22.0	
19 Acetone	43	2.416	2.416	0.0	78	43098	71.1	
29 trans-1,2-Dichloroethene	96	2.480	2.480	0.0	93	86752	22.0	
23 Methyl acetate	43	2.509	2.509	0.0	95	235504	106.3	
32 Hexane	57	2.541	2.541	0.0	93	191154	23.0	
27 Methyl tert-butyl ether	73	2.580	2.580	0.0	90	150696	22.9	
34 Isopropyl alcohol	45	2.368	2.368	0.0	14	22833	195.0	
* 151 TBA-d9 (IS)	65	2.638	2.638	0.0	83	122546	1000.0	
26 2-Methyl-2-propanol	59	2.686	2.686	0.0	57	33381	179.1	
24 Acetonitrile	41	2.747	2.747	0.0	98	42805	241.9	
35 Isopropyl ether	45	2.856	2.856	0.0	96	239823	22.8	
33 2-Chloro-1,3-butadiene	88	2.898	2.898	0.0	91	75548	21.4	
36 1,1-Dichloroethane	63	2.911	2.911	0.0	91	146292	22.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
30 Acrylonitrile	53	2.969	2.969	0.0	90	114945	176.4	
40 Tert-butyl ethyl ether	59	3.123	3.123	0.0	81	185145	22.4	
37 Vinyl acetate	43	3.126	3.126	0.0	97	132932	35.2	
42 cis-1,2-Dichloroethene	96	3.329	3.329	0.0	84	75130	21.8	
41 2,2-Dichloropropane	77	3.413	3.413	0.0	84	120784	20.7	
46 Chlorobromomethane	128	3.477	3.477	0.0	47	24675	20.6	
49 Cyclohexane	56	3.487	3.487	0.0	85	184167	22.7	
47 Chloroform	83	3.557	3.557	0.0	87	109115	21.4	
51 Carbon tetrachloride	117	3.657	3.657	0.0	88	91132	18.7	
39 Methyl acrylate	55	3.680	3.680	0.0	56	21673	18.8	
$ 152 Dibromofluoromethane (Surr)	113	3.702	3.702	0.0	91	90523	46.6	
50 1,1,1-Trichloroethane	97	3.715	3.715	0.0	78	114690	23.2	
45 Tetrahydrofuran	42	3.686	3.686	0.0	55	22299	38.5	
52 1,1-Dichloropropene	75	3.815	3.815	0.0	94	100956	21.0	
43 2-Butanone (MEK)	72	3.831	3.831	0.0	93	17945	85.8	
44 Ethyl acetate	70	3.686	3.686	0.0	71	4922	30.8	M
48 Propionitrile	54	4.078	4.078	0.0	41	34738	227.2	
53 Benzene	78	4.030	4.030	0.0	97	282088	21.2	
58 n-Heptane	57	4.030	4.030	0.0	67	81721	23.0	
31 Methacrylonitrile	67	4.078	4.078	0.0	92	115134	224.4	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.155	4.155	0.0	87	80433	47.5	
142 Tert-amyl methyl ether	73	4.168	4.168	0.0	96	137240	22.0	
55 1,2-Dichloroethane	62	4.216	4.216	0.0	86	53562	22.2	
* 59 Fluorobenzene	96	4.413	4.413	0.0	83	441832	50.0	
60 2,4,4-Trimethyl-1-pentene	57	4.454	4.454	0.0	91	542831	43.9	
57 Isopropyl acetate	43	4.509	4.509	0.0	93	68744	19.1	
63 Methylcyclohexane	83	4.560	4.560	0.0	95	163094	21.6	
61 Trichloroethene	95	4.570	4.570	0.0	80	67671	22.1	
68 Dibromomethane	93	4.982	4.982	0.0	88	22092	21.0	
65 1,2-Dichloropropane	63	5.088	5.088	0.0	89	64681	21.6	
64 Ethyl acrylate	55	5.184	5.184	0.0	50	30283	19.0	
70 Dichlorobromomethane	83	5.181	5.181	0.0	90	58340	19.9	
* 150 1,4-Dioxane-d8	96	5.380	5.380	0.0	93	10413	1000.0	
66 Methyl methacrylate	100	5.396	5.396	0.0	90	14415	41.3	
67 1,4-Dioxane	88	5.413	5.413	0.0	7	6484	374.3	
69 n-Propyl acetate	43	5.567	5.567	0.0	96	34482	20.3	
72 2-Chloroethyl vinyl ether	63	5.840	5.840	0.0	91	15168	19.1	
74 cis-1,3-Dichloropropene	75	5.872	5.872	0.0	88	71113	19.1	
$ 76 Toluene-d8 (Surr)	98	6.078	6.078	0.0	89	416744	46.4	
77 Toluene	91	6.136	6.136	0.0	91	278177	21.0	
73 Epichlorohydrin	57	6.175	6.175	0.0	98	39632	354.6	
71 2-Nitropropane	41	6.419	6.419	0.0	90	9459	34.5	
80 Tetrachloroethene	166	6.580	6.580	0.0	91	59926	20.2	
75 4-Methyl-2-pentanone (MIBK)	43	6.644	6.644	0.0	96	138487	103.8	
78 trans-1,3-Dichloropropene	75	6.667	6.667	0.0	93	47351	19.3	
79 1,1,2-Trichloroethane	83	6.847	6.847	0.0	90	26127	19.2	
82 Ethyl methacrylate	69	6.924	6.924	0.0	89	38856	18.8	
84 Chlorodibromomethane	129	7.027	7.027	0.0	91	28769	17.9	
81 1,3-Dichloropropane	76	7.136	7.136	0.0	93	53440	20.2	
86 Ethylene Dibromide	107	7.242	7.242	0.0	98	25421	20.0	
85 n-Butyl acetate	73	7.519	7.519	0.0	97	5952	21.3	
83 2-Hexanone	43	7.573	7.573	0.0	97	86253	110.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 87 Chlorobenzene-d5	117	7.779	7.779	0.0	87	260245	50.0	
88 Chlorobenzene	112	7.795	7.795	0.0	89	139454	19.5	
89 Ethylbenzene	106	7.850	7.850	0.0	97	94045	20.7	
90 1,1,1,2-Tetrachloroethane	131	7.872	7.872	0.0	85	42863	18.9	
91 m-Xylene & p-Xylene	106	7.994	7.994	0.0	97	114907	20.7	
92 o-Xylene	106	8.367	8.367	0.0	90	109260	21.1	
97 Bromoform	173	8.412	8.412	0.0	41	13189	17.3	
94 Styrene	104	8.419	8.419	0.0	85	153094	20.0	
95 Camphene	41	8.721	8.721	0.0	90	30722	21.5	
93 n-Butyl acrylate	73	8.589	8.589	0.0	94	20666	19.0	
98 Isopropylbenzene	105	8.647	8.647	0.0	95	323343	21.8	
96 Amyl acetate (mixed isomers)	43	8.808	8.808	0.0	91	54909	20.1	
$ 99 4-Bromofluorobenzene	174	8.856	8.856	0.0	75	85620	46.8	
100 Bromobenzene	156	8.924	8.924	0.0	87	49252	20.0	
102 N-Propylbenzene	91	8.985	8.985	0.0	98	385401	21.1	
101 1,1,2,2-Tetrachloroethane	83	9.059	9.059	0.0	88	36958	20.7	
143 4-Ethyltoluene	105	9.078	9.078	0.0	86	312198	20.5	
105 2-Chlorotoluene	91	9.084	9.084	0.0	93	236529	21.4	
103 1,2,3-Trichloropropane	110	9.136	9.136	0.0	90	9316	21.2	
106 1,3,5-Trimethylbenzene	105	9.152	9.152	0.0	89	246946	20.6	
104 trans-1,4-Dichloro-2-butene	53	9.191	9.191	0.0	64	8405	19.7	
107 4-Chlorotoluene	91	9.219	9.219	0.0	99	191191	20.7	
109 tert-Butylbenzene	119	9.387	9.387	0.0	88	200594	20.2	
108 Butyl Methacrylate	87	9.419	9.419	0.0	88	55330	20.5	
110 1,2,4-Trimethylbenzene	105	9.445	9.445	0.0	91	251181	21.0	
113 sec-Butylbenzene	105	9.525	9.525	0.0	95	358430	21.2	
114 4-Isopropyltoluene	119	9.641	9.641	0.0	81	296718	21.1	
* 116 1,4-Dichlorobenzene-d4	152	9.724	9.724	0.0	87	124612	50.0	
115 1,3-Dichlorobenzene	146	9.666	9.666	0.0	86	110916	19.8	
117 1,4-Dichlorobenzene	146	9.734	9.734	0.0	81	106359	19.2	
119 2,3-Dihydroindene	117	9.859	9.859	0.0	84	216324	20.3	
133 p-Diethylbenzene	119	9.914	9.914	0.0	83	171978	20.3	
118 Benzyl chloride	126	9.927	9.927	0.0	46	11114	16.5	
120 n-Butylbenzene	92	9.953	9.953	0.0	96	167865	21.2	
121 1,2-Dichlorobenzene	146	10.039	10.039	0.0	85	99875	20.9	
132 1,2,4,5-Tetramethylbenzene	119	10.490	10.490	0.0	84	232157	20.2	
122 1,2-Dibromo-3-Chloropropane	157	10.618	10.618	0.0	48	5082	18.6	
145 1,3,5-Trichlorobenzene	180	10.641	10.641	0.0	84	84376	19.4	
126 Hexachlorobutadiene	225	11.081	11.081	0.0	78	39051	18.7	
124 1,2,4-Trichlorobenzene	180	11.091	11.091	0.0	85	68947	19.3	
123 Camphor	95	11.290	11.290	0.0	88	14302	102.2	
127 Naphthalene	128	11.313	11.313	0.0	83	130367	20.0	
128 1,2,3-Trichlorobenzene	180	11.448	11.448	0.0	86	60392	20.1	
S 130 1,2-Dichloroethene, Total	100				0		43.8	
S 131 Xylenes, Total	100				0		41.8	
S 139 Total BTEX	1				0		104.7	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 14-Mar-2014 16:47:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367335.D

Injection Date: 14-Mar-2014 06:49:30 Instrument ID: CVOAMS4 Operator ID:

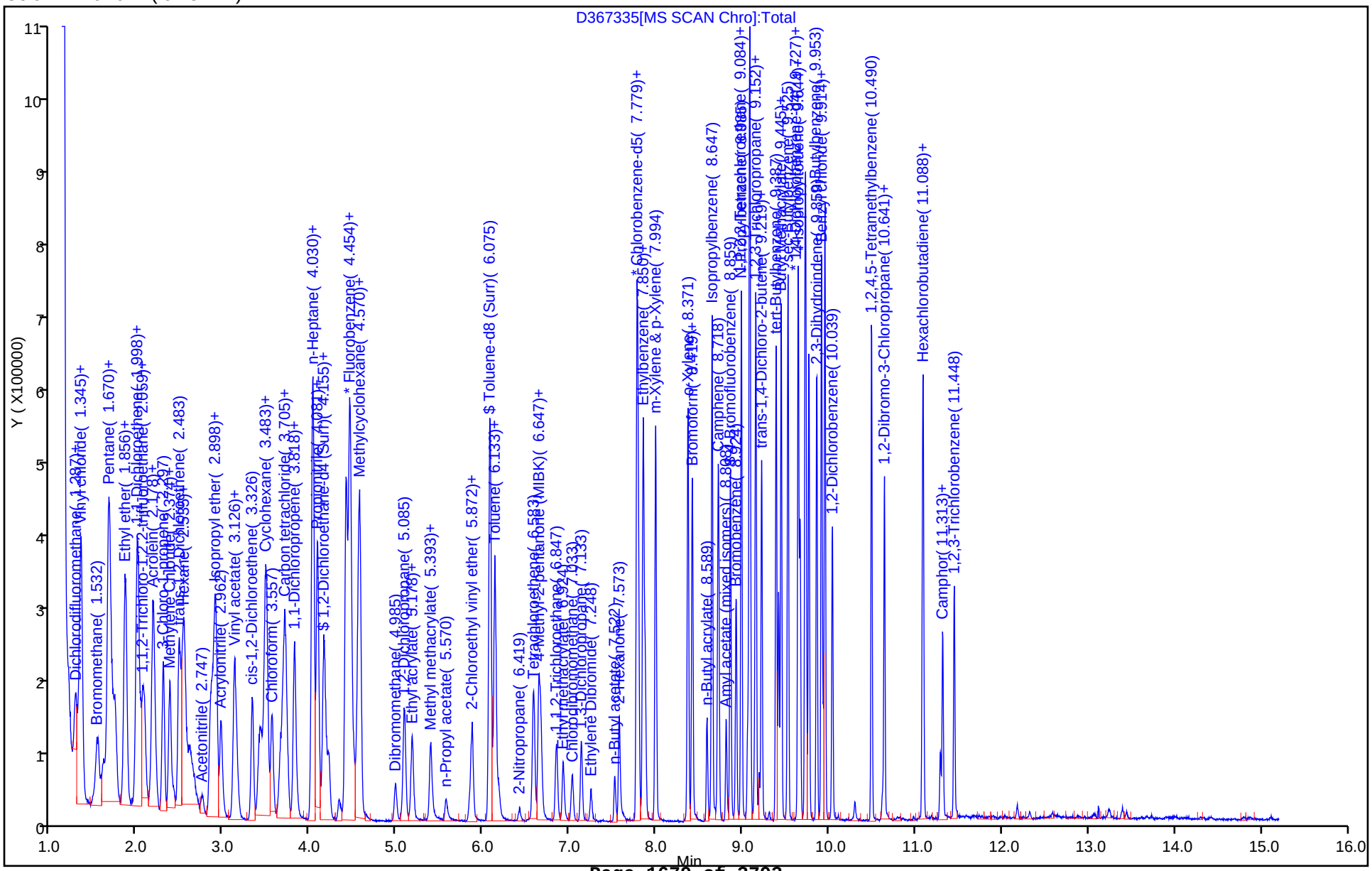
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-212770/3

Matrix: Solid Lab File ID: J10017.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/14/2014 23:29

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 212770 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1090		50	4.8
74-83-9	Bromomethane	1100		50	9.1
75-01-4	Vinyl chloride	1090		50	7.2
75-00-3	Chloroethane	1400		50	8.5
75-09-2	Methylene Chloride	1090		50	9.1
67-64-1	Acetone	6110		250	130
75-15-0	Carbon disulfide	1150		50	6.3
75-69-4	Trichlorofluoromethane	1040		50	7.3
75-35-4	1,1-Dichloroethene	1100		50	4.4
75-34-3	1,1-Dichloroethane	1130		50	6.5
156-60-5	trans-1,2-Dichloroethene	1130		50	6.4
156-59-2	cis-1,2-Dichloroethene	1110		50	8.9
67-66-3	Chloroform	1100		50	3.9
78-93-3	2-Butanone	6380		250	120
107-06-2	1,2-Dichloroethane	1100		50	9.5
71-55-6	1,1,1-Trichloroethane	1130		50	3.1
56-23-5	Carbon tetrachloride	920		50	2.9
71-43-2	Benzene	1130		50	4.1
75-25-2	Bromoform	937		50	9.6
100-42-5	Styrene	1050		50	5.9
100-41-4	Ethylbenzene	1080		50	4.8
108-90-7	Chlorobenzene	1070		50	5.5
110-82-7	Cyclohexane	935		50	7.9
98-82-8	Isopropylbenzene	1100		50	3.8
591-78-6	2-Hexanone	6600		250	25
1634-04-4	MTBE	1060		50	6.9
76-13-1	Freon TF	954		50	4.1
79-20-9	Methyl acetate	5360		250	17
123-91-1	1,4-Dioxane	19500		2500	1800
79-01-6	Trichloroethene	1130		50	4.6
108-88-3	Toluene	1120		50	7.5
10061-02-6	trans-1,3-Dichloropropene	1120		50	12
108-10-1	4-Methyl-2-pentanone	5290		250	49
10061-01-5	cis-1,3-Dichloropropene	1120		50	9.2
95-50-1	1,2-Dichlorobenzene	1030		50	10
541-73-1	1,3-Dichlorobenzene	1020		50	6.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-212770/3

Matrix: Solid | Lab File ID: J10017.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/14/2014 23:29

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 212770 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1040		50	12
120-82-1	1,2,4-Trichlorobenzene	1030		50	17
87-61-6	1,2,3-Trichlorobenzene	1020		50	26
78-87-5	1,2-Dichloropropane	1120		50	4.3
108-87-2	Methylcyclohexane	876		50	6.8
127-18-4	Tetrachloroethene	1160		50	4.9
1330-20-7	Xylenes, Total	2130		100	18
96-12-8	1,2-Dibromo-3-Chloropropane	903		50	20
79-34-5	1,1,2,2-Tetrachloroethane	1060		50	7.9
79-00-5	1,1,2-Trichloroethane	1160		50	9.4
124-48-1	Dibromochloromethane	1010		50	10
106-93-4	1,2-Dibromoethane	1050		50	14
75-71-8	Dichlorodifluoromethane	1010		50	11
74-97-5	Bromochloromethane	1130		50	14
75-27-4	Bromodichloromethane	1080		50	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		75-135
2037-26-5	Toluene-d8 (Surr)	107		59-150
460-00-4	Bromofluorobenzene	102		72-133
1868-53-7	Dibromofluoromethane (Surr)	109		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10892.b\J10017.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 14-Mar-2014 23:29:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCS
Misc. Info.: 460-0010892-003
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140314-10892.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 15-Mar-2014 17:26:49 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: baronm Date: 15-Mar-2014 17:01:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.476	1.476	0.0	88	91194	20.1	
2 Chloromethane	50	1.646	1.646	0.0	89	114004	21.7	
4 Vinyl chloride	62	1.734	1.734	0.0	98	83461	21.9	
149 Butadiene	54	1.764	1.764	0.0	97	71273	20.6	
6 Bromomethane	94	2.016	2.016	0.0	94	46471	22.0	
7 Chloroethane	64	2.111	2.111	0.0	99	44584	28.0	
9 Dichlorofluoromethane	67	2.287	2.287	0.0	88	124057	21.2	
8 Trichlorofluoromethane	101	2.293	2.293	0.0	92	98396	20.9	
10 Pentane	72	2.334	2.334	0.0	95	18890	56.0	
11 Ethanol	46	2.498	2.498	0.0	97	13437	1192.7	
13 Ethyl ether	59	2.539	2.539	0.0	94	59474	24.3	
14 2-Methyl-1,3-butadiene	53	2.551	2.551	0.0	97	72546	24.0	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.704	2.704	0.0	94	66787	19.1	
17 Acrolein	56	2.704	2.704	0.0	30	6546	39.6	
18 1,1-Dichloroethene	96	2.739	2.739	0.0	89	67007	22.1	
19 Acetone	43	2.827	2.827	0.0	84	148929	122.2	
20 Iodomethane	142	2.886	2.886	0.0	99	124787	24.1	
34 Isopropyl alcohol	45	2.921	2.921	0.0	38	52865	236.0	
21 Carbon disulfide	76	2.921	2.921	0.0	100	232808	22.9	
147 3-Chloro-1-propene	76	3.056	3.056	0.0	88	41390	20.4	
23 Methyl acetate	43	3.068	3.068	0.0	98	419941	107.2	
22 Cyclopentene	67	3.074	3.074	0.0	78	205983	21.3	
24 Acetonitrile	41	3.127	3.127	0.0	98	154059	262.9	
* 151 TBA-d9 (IS)	65	3.180	3.180	0.0	92	402529	1000.0	
25 Methylene Chloride	84	3.186	3.186	0.0	93	79864	21.7	
26 2-Methyl-2-propanol	59	3.250	3.250	0.0	96	81290	251.5	
27 Methyl tert-butyl ether	73	3.344	3.344	0.0	97	233287	21.2	
29 trans-1,2-Dichloroethene	96	3.374	3.374	0.0	89	75788	22.5	
30 Acrylonitrile	53	3.444	3.444	0.0	93	359185	221.0	
32 Hexane	57	3.526	3.526	0.0	92	77288	19.3	
35 Isopropyl ether	45	3.738	3.738	0.0	98	328239	22.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
36 1,1-Dichloroethane	63	3.773	3.773	0.0	92	161277	22.6	
37 Vinyl acetate	43	3.785	3.785	0.0	100	382196	48.8	
38 Allyl alcohol	57	3.791	3.791	0.0	28	29517	591.7	
33 2-Chloro-1,3-butadiene	88	3.814	3.814	0.0	93	66248	20.8	
40 Tert-butyl ethyl ether	59	4.049	4.049	0.0	87	262106	21.1	
41 2,2-Dichloropropane	77	4.267	4.267	0.0	85	112434	21.4	
42 cis-1,2-Dichloroethene	96	4.290	4.290	0.0	86	85724	22.2	
44 Ethyl acetate	43	4.308	4.308	0.0	96	431548	45.4	
43 2-Butanone (MEK)	72	4.314	4.314	0.0	95	46439	127.7	
39 Methyl acrylate	55	4.367	4.367	0.0	96	84126	20.1	
48 Propionitrile	54	4.443	4.443	0.0	98	134993	261.6	
45 Tetrahydrofuran	72	4.514	4.514	0.0	39	21321	51.0	
46 Chlorobromomethane	128	4.519	4.519	0.0	74	42379	22.6	
31 Methacrylonitrile	67	4.549	4.549	0.0	97	379263	223.3	
47 Chloroform	83	4.572	4.572	0.0	91	141562	22.0	
49 Cyclohexane	56	4.696	4.696	0.0	98	116758	18.7	
50 1,1,1-Trichloroethane	97	4.713	4.713	0.0	93	111108	22.5	
$ 152 Dibromofluoromethane (Surr)	113	4.725	4.725	0.0	96	221479	54.4	
51 Carbon tetrachloride	117	4.837	4.837	0.0	87	78116	18.4	
52 1,1-Dichloropropene	75	4.866	4.866	0.0	92	110966	25.4	
56 Isobutyl alcohol	43	4.984	4.984	0.0	90	95061	575.7	
53 Benzene	78	5.066	5.066	0.0	92	317788	22.7	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.083	5.083	0.0	87	300028	53.9	
57 Isopropyl acetate	43	5.119	5.119	0.0	95	265733	20.1	
142 Tert-amyl methyl ether	73	5.125	5.125	0.0	72	222989	21.0	
55 1,2-Dichloroethane	62	5.160	5.160	0.0	89	120616	22.1	
58 n-Heptane	57	5.213	5.213	0.0	97	30688	19.2	
* 59 Fluorobenzene	96	5.354	5.354	0.0	97	740628	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.565	5.565	0.0	92	232351	37.7	
62 n-Butanol	56	5.653	5.653	0.0	96	42062	544.0	
61 Trichloroethene	95	5.706	5.706	0.0	93	79588	22.5	
64 Ethyl acrylate	55	5.830	5.830	0.0	96	187433	22.4	
63 Methylcyclohexane	83	5.830	5.830	0.0	69	77652	17.5	
65 1,2-Dichloropropane	63	6.000	6.000	0.0	85	87944	22.3	
* 150 1,4-Dioxane-d8	96	6.053	6.053	0.0	57	52026	1000.0	
66 Methyl methacrylate	100	6.076	6.076	0.0	92	43126	39.1	
67 1,4-Dioxane	88	6.112	6.112	0.0	52	17201	390.1	
69 n-Propyl acetate	43	6.123	6.123	0.0	98	149724	19.5	
68 Dibromomethane	93	6.129	6.129	0.0	49	52225	22.5	
70 Dichlorobromomethane	83	6.282	6.282	0.0	95	96324	21.6	
72 2-Chloroethyl vinyl ether	63	6.617	6.617	0.0	83	59629	20.1	
71 2-Nitropropane	41	6.617	6.617	0.0	71	27520	33.3	
73 Epichlorohydrin	57	6.723	6.723	0.0	98	187212	417.4	
74 cis-1,3-Dichloropropene	75	6.781	6.781	0.0	91	134708	22.4	
75 4-Methyl-2-pentanone (MIBK)	43	6.940	6.940	0.0	99	487170	105.9	
$ 76 Toluene-d8 (Surr)	98	7.028	7.028	0.0	98	831841	53.5	
77 Toluene	91	7.105	7.105	0.0	92	318028	22.4	
78 trans-1,3-Dichloropropene	75	7.451	7.451	0.0	96	118433	22.4	
82 Ethyl methacrylate	69	7.481	7.481	0.0	94	106313	21.3	
79 1,1,2-Trichloroethane	83	7.669	7.669	0.0	91	66608	23.2	
80 Tetrachloroethene	166	7.716	7.716	0.0	92	77146	23.2	
81 1,3-Dichloropropane	76	7.880	7.880	0.0	95	126707	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
83 2-Hexanone	58	7.945	7.945	0.0	99	160597	132.0	
85 n-Butyl acetate	43	8.056	8.056	0.0	96	153001	23.0	
84 Chlorodibromomethane	129	8.109	8.109	0.0	97	66370	20.3	
86 Ethylene Dibromide	107	8.274	8.274	0.0	97	74986	20.9	
* 87 Chlorobenzene-d5	117	8.820	8.820	0.0	86	633069	50.0	
88 Chlorobenzene	112	8.856	8.856	0.0	91	206279	21.5	
89 Ethylbenzene	106	8.955	8.955	0.0	99	105293	21.5	
90 1,1,1,2-Tetrachloroethane	131	8.973	8.973	0.0	86	65875	21.1	
91 m-Xylene & p-Xylene	106	9.114	9.114	0.0	96	128639	20.8	
93 n-Butyl acrylate	73	9.543	9.543	0.0	91	56777	19.4	
92 o-Xylene	106	9.561	9.561	0.0	92	132093	21.7	
94 Styrene	104	9.590	9.590	0.0	93	227298	21.1	
96 Amyl acetate (mixed isomers)	43	9.766	9.766	0.0	87	165490	19.9	
97 Bromoform	173	9.790	9.790	0.0	92	40007	18.7	
98 Isopropylbenzene	105	9.901	9.901	0.0	96	294161	21.9	
$ 99 4-Bromofluorobenzene	174	10.084	10.084	0.0	90	275760	50.8	
95 Camphene	41	10.095	10.095	0.0	91	18025	15.6	
100 Bromobenzene	156	10.201	10.201	0.0	95	94287	21.8	
101 1,1,2,2-Tetrachloroethane	83	10.236	10.236	0.0	90	98040	21.2	
102 N-Propylbenzene	91	10.260	10.260	0.0	94	339198	21.4	
103 1,2,3-Trichloropropane	110	10.277	10.277	0.0	96	28789	20.9	
104 trans-1,4-Dichloro-2-butene	53	10.295	10.295	0.0	63	29708	18.0	
105 2-Chlorotoluene	91	10.348	10.348	0.0	97	260563	20.9	
143 4-Ethyltoluene	105	10.354	10.354	0.0	99	297845	19.6	
106 1,3,5-Trimethylbenzene	105	10.407	10.407	0.0	82	239231	20.8	
107 4-Chlorotoluene	91	10.442	10.442	0.0	97	241280	20.9	
108 Butyl Methacrylate	87	10.489	10.489	0.0	95	95269	19.1	
109 tert-Butylbenzene	119	10.642	10.642	0.0	93	182336	20.3	
110 1,2,4-Trimethylbenzene	105	10.695	10.695	0.0	98	257159	20.6	
113 sec-Butylbenzene	105	10.800	10.800	0.0	97	251054	21.4	
114 4-Isopropyltoluene	119	10.906	10.906	0.0	97	222343	20.2	
115 1,3-Dichlorobenzene	146	10.906	10.906	0.0	94	164785	20.4	
* 116 1,4-Dichlorobenzene-d4	152	10.959	10.959	0.0	88	383580	50.0	
117 1,4-Dichlorobenzene	146	10.977	10.977	0.0	93	174450	20.7	
118 Benzyl chloride	91	11.076	11.076	0.0	95	154749	18.8	
119 2,3-Dihydroindene	117	11.123	11.123	0.0	90	282295	19.6	
133 p-Diethylbenzene	119	11.159	11.159	0.0	91	135580	18.3	
120 n-Butylbenzene	91	11.176	11.176	0.0	96	234461	20.4	
121 1,2-Dichlorobenzene	146	11.223	11.223	0.0	96	169407	20.6	
132 1,2,4,5-Tetramethylbenzene	119	11.635	11.635	0.0	96	243324	20.3	
122 1,2-Dibromo-3-Chloropropane	75	11.711	11.711	0.0	91	18813	18.1	
145 1,3,5-Trichlorobenzene	180	11.793	11.793	0.0	97	103230	18.8	
123 Camphor	95	12.134	12.134	0.0	92	61516	114.2	
124 1,2,4-Trichlorobenzene	180	12.193	12.193	0.0	89	107297	20.5	
126 Hexachlorobutadiene	225	12.252	12.252	0.0	86	32654	21.3	
127 Naphthalene	128	12.363	12.363	0.0	99	322033	21.5	
128 1,2,3-Trichlorobenzene	180	12.528	12.528	0.0	92	97365	20.3	
S 130 1,2-Dichloroethene, Total	100				0		44.7	
S 131 Xylenes, Total	100				0		42.5	
S 139 Total BTEX	1				0		109.1	

Report Date: 15-Mar-2014 17:26:49 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10892.b\J10017.D

Injection Date: 14-Mar-2014 23:29:30 Instrument ID: CVOAMS8 Operator ID:

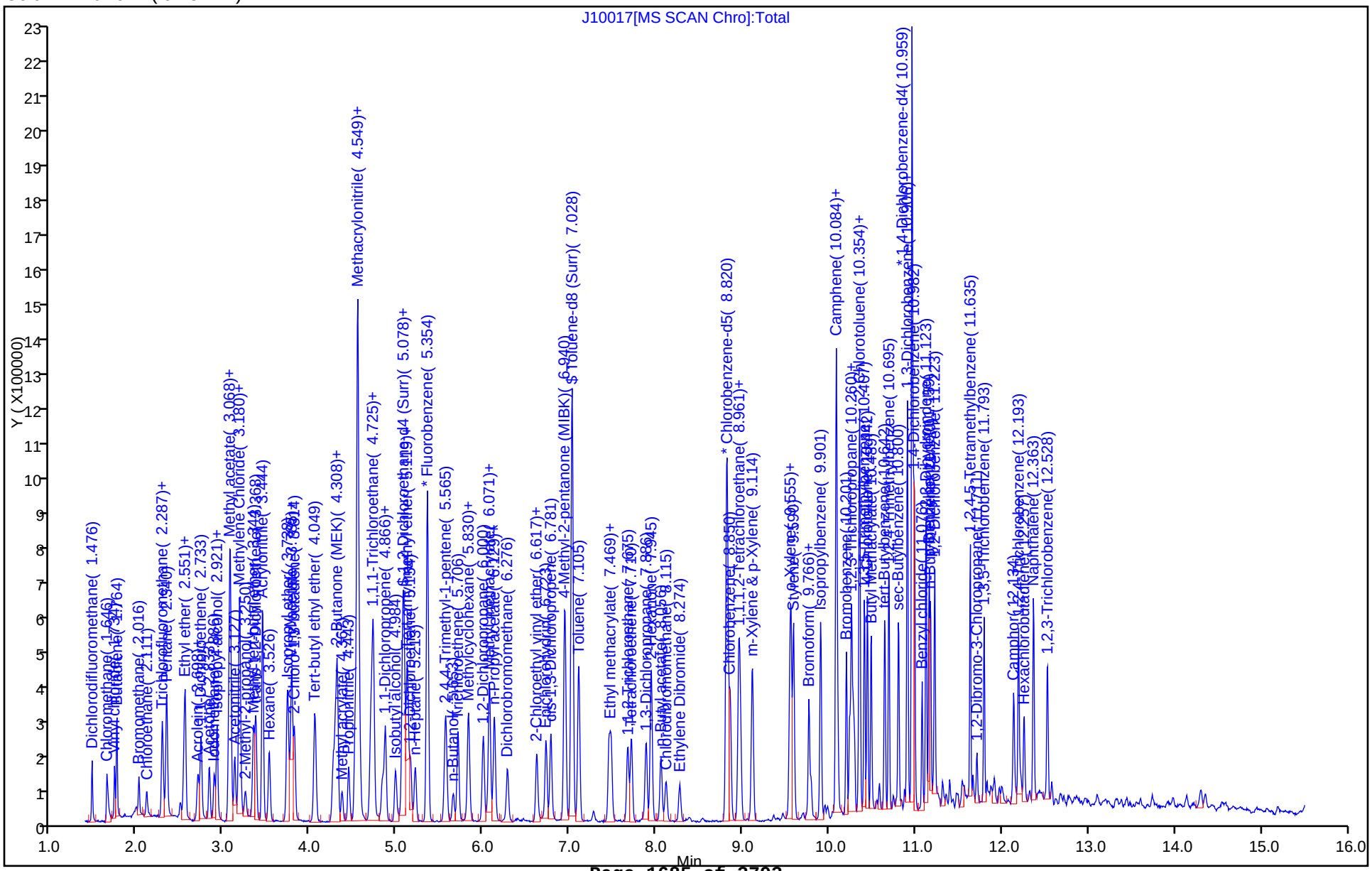
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 2

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-212899/3

Matrix: Solid Lab File ID: D367419.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/16/2014 06:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 212899 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	11.7		1.0	0.16
74-83-9	Bromomethane	17.7		1.0	0.43
75-01-4	Vinyl chloride	15.7		1.0	0.34
75-00-3	Chloroethane	15.0		1.0	0.33
75-09-2	Methylene Chloride	20.5		1.0	0.15
67-64-1	Acetone	75.6		5.0	1.7
75-15-0	Carbon disulfide	16.1		1.0	0.15
75-69-4	Trichlorofluoromethane	21.2		1.0	0.16
75-35-4	1,1-Dichloroethene	18.8		1.0	0.19
75-34-3	1,1-Dichloroethane	18.5		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	21.6		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	21.6		1.0	0.11
67-66-3	Chloroform	20.6		1.0	0.24
78-93-3	2-Butanone	85.6		5.0	0.63
107-06-2	1,2-Dichloroethane	21.3		1.0	0.18
71-55-6	1,1,1-Trichloroethane	24.1		1.0	0.13
56-23-5	Carbon tetrachloride	21.6		1.0	0.15
71-43-2	Benzene	18.0		1.0	0.15
75-25-2	Bromoform	20.3		1.0	0.17
100-42-5	Styrene	18.7		1.0	0.28
100-41-4	Ethylbenzene	19.7		1.0	0.17
108-90-7	Chlorobenzene	19.2		1.0	0.18
110-82-7	Cyclohexane	17.9		1.0	0.13
98-82-8	Isopropylbenzene	20.8		1.0	0.11
591-78-6	2-Hexanone	68.4		5.0	0.13
1634-04-4	MTBE	21.1		1.0	0.11
76-13-1	Freon TF	20.5		1.0	0.11
79-20-9	Methyl acetate	71.1		5.0	0.32
123-91-1	1,4-Dioxane	377		20	13
79-01-6	Trichloroethene	22.8		1.0	0.12
108-88-3	Toluene	19.1		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	15.9		1.0	0.10
108-10-1	4-Methyl-2-pentanone	64.3		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	16.1		1.0	0.14
95-50-1	1,2-Dichlorobenzene	19.9		1.0	0.10
541-73-1	1,3-Dichlorobenzene	18.5		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-212899/3

Matrix: Solid | Lab File ID: D367419.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/16/2014 06:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212899 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18.6		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	20.2		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	21.6		1.0	0.16
78-87-5	1,2-Dichloropropane	17.7		1.0	0.15
108-87-2	Methylcyclohexane	21.3		1.0	0.10
127-18-4	Tetrachloroethene	23.8		1.0	0.12
1330-20-7	Xylenes, Total	39.2		2.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	19.6		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	15.9		1.0	0.090
79-00-5	1,1,2-Trichloroethane	16.9		1.0	0.14
124-48-1	Dibromochloromethane	19.4		1.0	0.10
106-93-4	1,2-Dibromoethane	19.7		1.0	0.15
75-71-8	Dichlorodifluoromethane	23.0		1.0	0.22
74-97-5	Bromochloromethane	23.8		1.0	0.11
75-27-4	Bromodichloromethane	20.2		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	Bromofluorobenzene	98		70-130
1868-53-7	Dibromofluoromethane (Surr)	102		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367419.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 16-Mar-2014 06:56:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0010932-003
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 17-Mar-2014 09:00:49 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK005

First Level Reviewer: delpolitov Date: 17-Mar-2014 09:00:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.204	1.204	0.0	87	262922	23.0	
2 Chloromethane	50	1.278	1.278	0.0	86	205780	11.7	M
149 Butadiene	54	1.339	1.339	0.0	88	163989	15.1	
4 Vinyl chloride	62	1.348	1.348	0.0	84	201818	15.7	
6 Bromomethane	94	1.535	1.535	0.0	92	120059	17.7	
7 Chloroethane	64	1.606	1.606	0.0	88	87150	15.0	
10 Pentane	72	1.670	1.670	0.0	89	38808	28.9	
8 Trichlorofluoromethane	101	1.693	1.693	0.0	73	218611	21.2	
9 Dichlorofluoromethane	67	1.738	1.738	0.0	88	245546	19.0	
14 2-Methyl-1,3-butadiene	67	1.850	1.850	0.0	98	163775	15.8	
13 Ethyl ether	59	1.866	1.866	0.0	53	45343	15.7	
18 1,1-Dichloroethene	96	1.992	1.992	0.0	87	111086	18.8	
11 Ethanol	45	2.130	2.130	0.0	4	135	NC	
21 Carbon disulfide	76	2.008	2.008	0.0	99	352525	16.1	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.053	2.053	0.0	92	137337	20.5	
20 Iodomethane	142	2.075	2.075	0.0	76	192163	21.7	
22 Cyclopentene	67	2.184	2.184	0.0	94	303922	16.4	
17 Acrolein	56	2.217	2.217	0.0	69	26866	118.6	
147 3-Chloro-1-propene	76	2.303	2.303	0.0	87	68397	18.3	
34 Isopropyl alcohol	45	2.358	2.358	0.0	6	24152	168.2	
25 Methylene Chloride	84	2.374	2.374	0.0	74	114308	20.5	
19 Acetone	43	2.422	2.422	0.0	75	56228	75.6	
29 trans-1,2-Dichloroethene	96	2.480	2.480	0.0	79	129769	21.6	
23 Methyl acetate	43	2.509	2.509	0.0	96	239554	71.1	
32 Hexane	57	2.541	2.541	0.0	92	227583	18.1	
27 Methyl tert-butyl ether	73	2.580	2.580	0.0	70	211267	21.1	
* 151 TBA-d9 (IS)	65	2.631	2.631	0.0	90	150227	1000.0	
26 2-Methyl-2-propanol	59	2.667	2.667	0.0	34	43014	188.2	
24 Acetonitrile	41	2.747	2.747	0.0	98	34817	161.4	
35 Isopropyl ether	45	2.850	2.850	0.0	94	242061	15.2	
33 2-Chloro-1,3-butadiene	88	2.895	2.895	0.0	84	110909	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
36 1,1-Dichloroethane	63	2.918	2.918	0.0	90	187418	18.5	
30 Acrylonitrile	53	2.969	2.969	0.0	93	131231	164.3	
40 Tert-butyl ethyl ether	59	3.123	3.123	0.0	82	227290	18.1	
38 Allyl alcohol	57	3.573	3.573	0.0	31	1031	NC	
37 Vinyl acetate	43	3.127	3.127	0.0	97	141842	24.7	
42 cis-1,2-Dichloroethene	96	3.323	3.323	0.0	93	112865	21.6	
41 2,2-Dichloropropane	77	3.416	3.416	0.0	89	181670	20.5	
46 Chlorobromomethane	128	3.487	3.487	0.0	78	43477	23.8	
49 Cyclohexane	56	3.487	3.487	0.0	82	221494	17.9	
47 Chloroform	83	3.557	3.557	0.0	88	159576	20.6	
51 Carbon tetrachloride	117	3.660	3.660	0.0	89	160426	21.6	M
39 Methyl acrylate	55	3.680	3.680	0.0	56	21555	12.3	
45 Tetrahydrofuran	42	3.683	3.683	0.0	53	24621	28.0	
44 Ethyl acetate	70	3.683	3.683	0.0	70	7005	35.7	M
$ 152 Dibromofluoromethane (Surr)	113	3.705	3.705	0.0	92	151313	51.2	
50 1,1,1-Trichloroethane	97	3.718	3.718	0.0	34	181192	24.1	M
52 1,1-Dichloropropene	75	3.811	3.811	0.0	95	142361	19.5	
43 2-Butanone (MEK)	72	3.821	3.821	0.0	44	21949	85.6	
53 Benzene	78	4.027	4.027	0.0	96	396303	18.0	
58 n-Heptane	57	4.024	4.024	0.0	61	102265	19.0	
48 Propionitrile	54	4.078	4.078	0.0	49	40251	173.1	
31 Methacrylonitrile	67	4.085	4.085	0.0	88	148931	190.9	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.149	4.149	0.0	97	117656	45.7	
142 Tert-amyl methyl ether	73	4.172	4.172	0.0	97	187101	19.7	
55 1,2-Dichloroethane	62	4.213	4.213	0.0	85	78043	21.3	
56 Isobutyl alcohol	43	4.335	4.335	0.0	85	19749	NC	
* 59 Fluorobenzene	96	4.413	4.413	0.0	94	671683	50.0	
60 2,4,4-Trimethyl-1-pentene	57	4.454	4.454	0.0	91	638258	33.9	
57 Isopropyl acetate	43	4.509	4.509	0.0	92	71952	13.1	
63 Methylcyclohexane	83	4.557	4.557	0.0	92	244283	21.3	
61 Trichloroethene	95	4.573	4.573	0.0	85	106275	22.8	
68 Dibromomethane	93	4.982	4.982	0.0	85	33091	20.7	
65 1,2-Dichloropropane	63	5.085	5.085	0.0	89	80499	17.7	
64 Ethyl acrylate	55	5.181	5.181	0.0	30	34065	14.0	
70 Dichlorobromomethane	83	5.178	5.178	0.0	93	90028	20.2	
* 150 1,4-Dioxane-d8	96	5.374	5.374	0.0	84	15160	1000.0	
66 Methyl methacrylate	100	5.397	5.397	0.0	79	21501	40.5	
67 1,4-Dioxane	88	5.409	5.409	0.0	10	9518	377.4	
62 n-Butanol	56	5.557	5.557	0.0	42	922	NC	
69 n-Propyl acetate	43	5.567	5.567	0.0	92	30418	11.8	
72 2-Chloroethyl vinyl ether	63	5.847	5.847	0.0	89	18948	15.7	
74 cis-1,3-Dichloropropene	75	5.869	5.869	0.0	84	98894	16.1	
$ 76 Toluene-d8 (Surr)	98	6.078	6.078	0.0	89	655752	44.1	
77 Toluene	91	6.133	6.133	0.0	90	418415	19.1	
73 Epichlorohydrin	57	6.175	6.175	0.0	95	50770	274.4	
71 2-Nitropropane	41	6.416	6.416	0.0	86	12567	29.9	
80 Tetrachloroethene	166	6.583	6.583	0.0	91	116769	23.8	
75 4-Methyl-2-pentanone (MIBK)	43	6.641	6.641	0.0	95	142034	64.3	
78 trans-1,3-Dichloropropene	75	6.663	6.663	0.0	92	64716	15.9	
79 1,1,2-Trichloroethane	83	6.847	6.847	0.0	92	38044	16.9	
82 Ethyl methacrylate	69	6.927	6.927	0.0	85	51779	16.5	
84 Chlorodibromomethane	129	7.033	7.033	0.0	94	51871	19.4	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
81 1,3-Dichloropropane	76	7.136	7.136	0.0	88	73335	16.8	
86 Ethylene Dibromide	107	7.249	7.249	0.0	97	41527	19.7	
85 n-Butyl acetate	73	7.515	7.515	0.0	90	6987	15.1	
83 2-Hexanone	43	7.570	7.570	0.0	94	88545	68.4	
* 87 Chlorobenzene-d5	117	7.779	7.779	0.0	82	430873	50.0	
88 Chlorobenzene	112	7.792	7.792	0.0	95	227526	19.2	
89 Ethylbenzene	106	7.850	7.850	0.0	90	147757	19.7	
90 1,1,1,2-Tetrachloroethane	131	7.872	7.872	0.0	85	74642	19.8	
91 m-Xylene & p-Xylene	106	7.995	7.995	0.0	97	178025	19.3	
92 o-Xylene	106	8.367	8.367	0.0	91	169899	19.8	
97 Bromoform	173	8.412	8.412	0.0	42	25583	20.3	
94 Styrene	104	8.416	8.416	0.0	88	236939	18.7	
93 n-Butyl acrylate	73	8.586	8.586	0.0	95	27425	15.2	
98 Isopropylbenzene	105	8.644	8.644	0.0	92	511514	20.8	
95 Camphene	41	8.721	8.721	0.0	93	36175	15.3	
96 Amyl acetate (mixed isomers)	43	8.808	8.808	0.0	95	54894	11.0	
$ 99 4-Bromofluorobenzene	174	8.859	8.859	0.0	81	164256	48.9	
100 Bromobenzene	156	8.924	8.924	0.0	90	90796	20.1	
102 N-Propylbenzene	91	8.985	8.985	0.0	99	586384	17.5	
101 1,1,2,2-Tetrachloroethane	83	9.056	9.056	0.0	71	51789	15.9	
143 4-Ethyltoluene	105	9.078	9.078	0.0	84	488282	17.5	
105 2-Chlorotoluene	91	9.084	9.084	0.0	86	356297	17.6	
103 1,2,3-Trichloropropane	110	9.139	9.139	0.0	74	13914	17.3	
106 1,3,5-Trimethylbenzene	105	9.152	9.152	0.0	89	404296	18.4	
104 trans-1,4-Dichloro-2-butene	53	9.191	9.191	0.0	62	11489	14.7	
107 4-Chlorotoluene	91	9.220	9.220	0.0	97	296466	17.5	
109 tert-Butylbenzene	119	9.387	9.387	0.0	90	334613	18.4	
108 Butyl Methacrylate	87	9.416	9.416	0.0	84	69418	14.1	
110 1,2,4-Trimethylbenzene	105	9.445	9.445	0.0	89	398249	18.2	
113 sec-Butylbenzene	105	9.525	9.525	0.0	95	578098	18.6	
114 4-Isopropyltoluene	119	9.644	9.644	0.0	90	482357	18.7	
115 1,3-Dichlorobenzene	146	9.663	9.663	0.0	86	190312	18.5	
* 116 1,4-Dichlorobenzene-d4	152	9.724	9.724	0.0	88	228408	50.0	
117 1,4-Dichlorobenzene	146	9.734	9.734	0.0	84	188193	18.6	
119 2,3-Dihydroindene	117	9.856	9.856	0.0	83	346742	21.4	
133 p-Diethylbenzene	119	9.911	9.911	0.0	84	281475	18.2	
118 Benzyl chloride	126	9.927	9.927	0.0	8	17727	14.4	
120 n-Butylbenzene	92	9.949	9.949	0.0	98	260704	17.9	
121 1,2-Dichlorobenzene	146	10.036	10.036	0.0	89	173874	19.9	
132 1,2,4,5-Tetramethylbenzene	119	10.493	10.493	0.0	94	369537	17.5	
122 1,2-Dibromo-3-Chloropropane	157	10.615	10.615	0.0	42	9841	19.6	
145 1,3,5-Trichlorobenzene	180	10.637	10.637	0.0	90	158363	19.9	
126 Hexachlorobutadiene	225	11.081	11.081	0.0	85	89135	23.2	
124 1,2,4-Trichlorobenzene	180	11.091	11.091	0.0	88	132433	20.2	
123 Camphor	95	11.287	11.287	0.0	77	18664	72.7	
127 Naphthalene	128	11.316	11.316	0.0	83	213879	17.9	
128 1,2,3-Trichlorobenzene	180	11.448	11.448	0.0	86	119189	21.6	
S 130 1,2-Dichloroethene, Total	100				0		43.2	
S 131 Xylenes, Total	100				0		39.2	
S 139 Total BTEX	1				0		95.9	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 17-Mar-2014 09:00:49 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367419.D

Injection Date: 16-Mar-2014 06:56:30 Instrument ID: CVOAMS4 Operator ID:

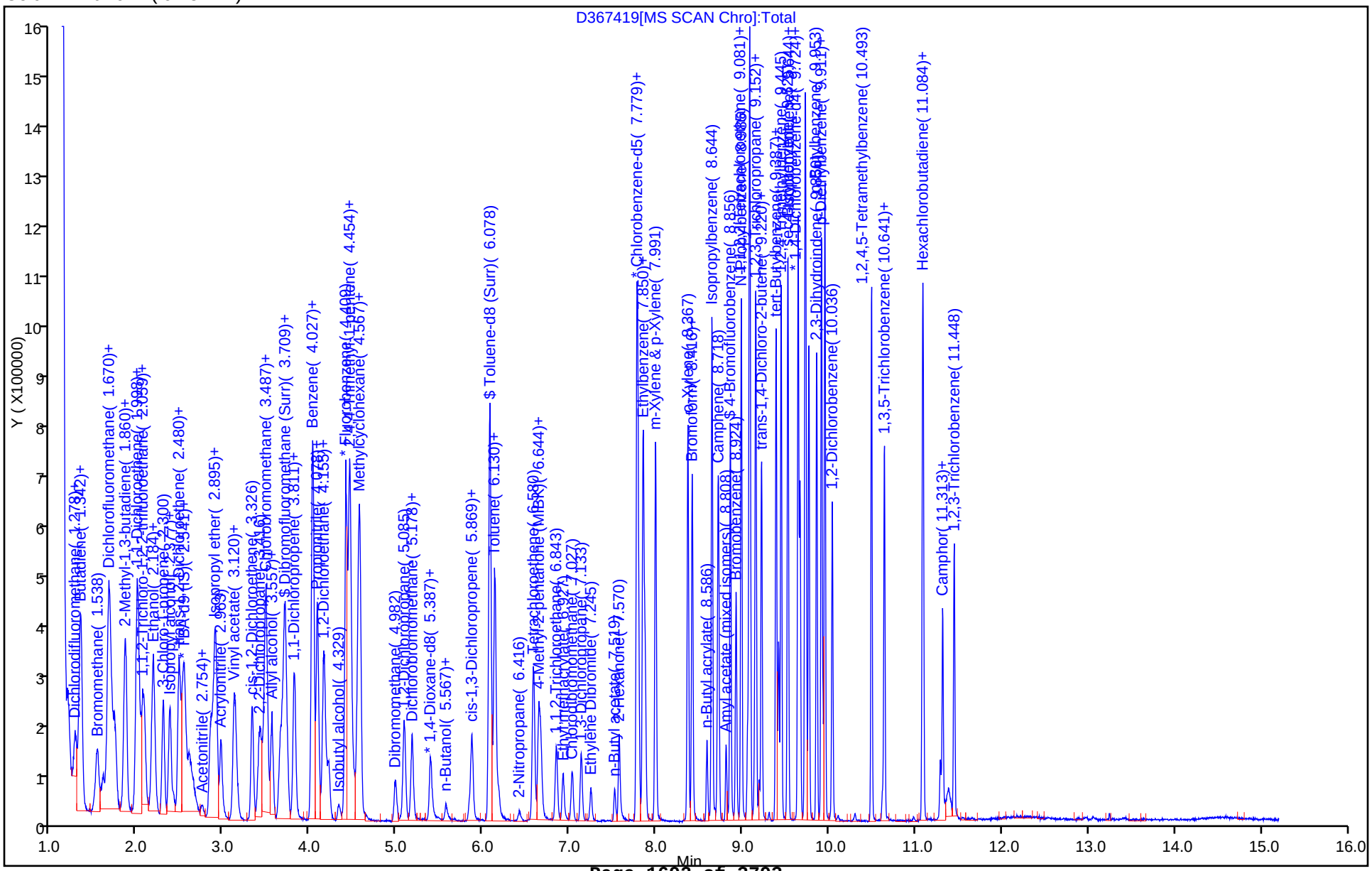
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

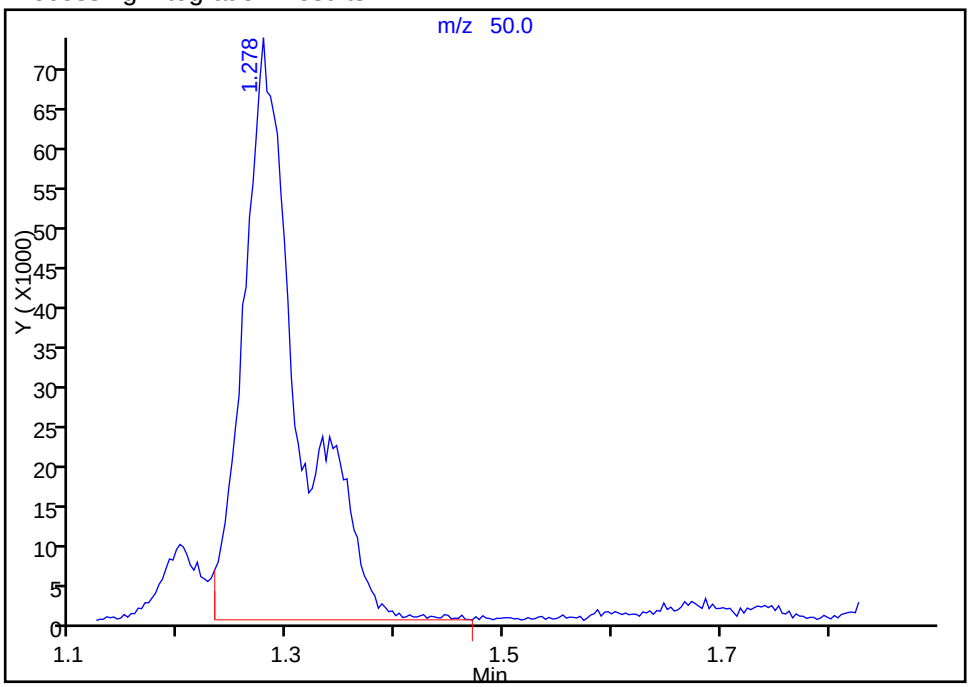
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367419.D
Injection Date: 16-Mar-2014 06:56:30 Instrument ID: CVOAMS4
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

2 Chloromethane, CAS: 74-87-3

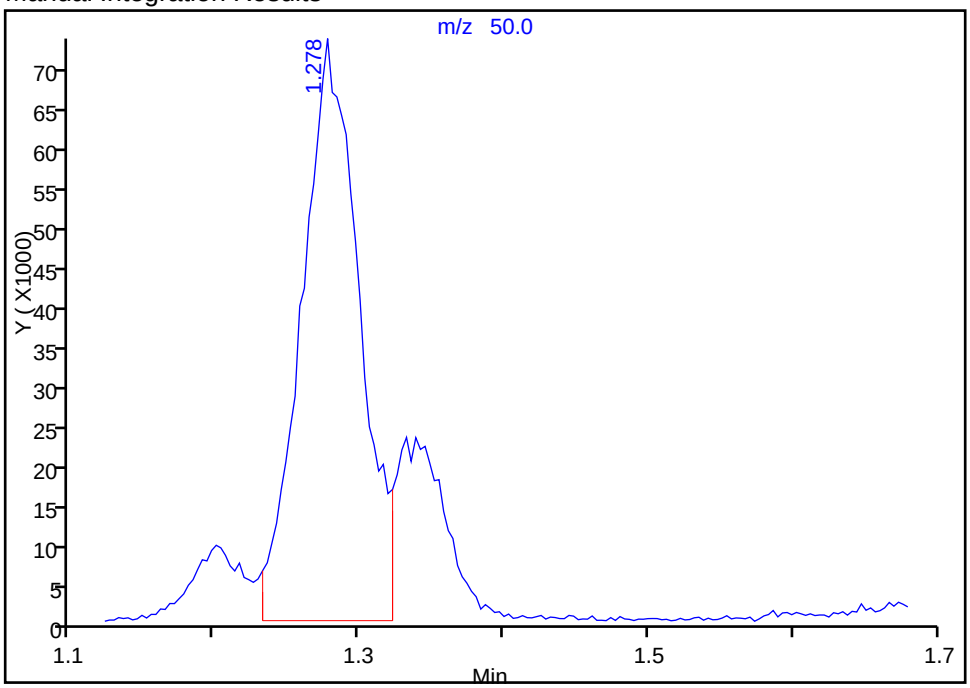
Processing Integration Results

RT: 1.28
Response: 260017
Amount: 14.834489



Manual Integration Results

RT: 1.28
Response: 205780
Amount: 11.724028



Reviewer: delpolitov, 17-Mar-2014 09:00:49
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

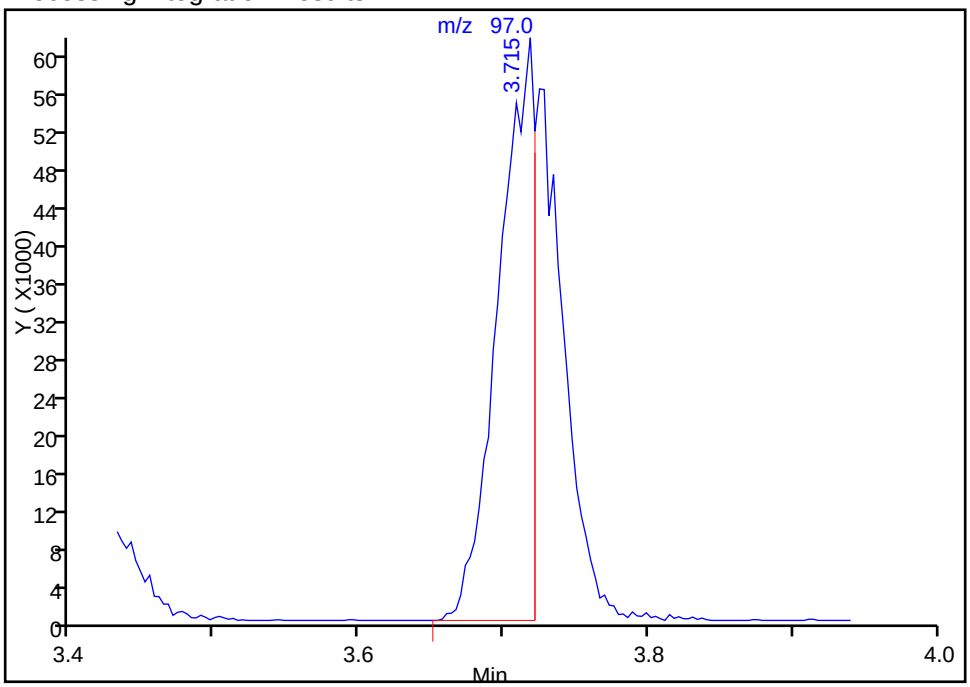
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367419.D
Injection Date: 16-Mar-2014 06:56:30 Instrument ID: CVOAMS4
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

50 1,1,1-Trichloroethane, CAS: 71-55-6

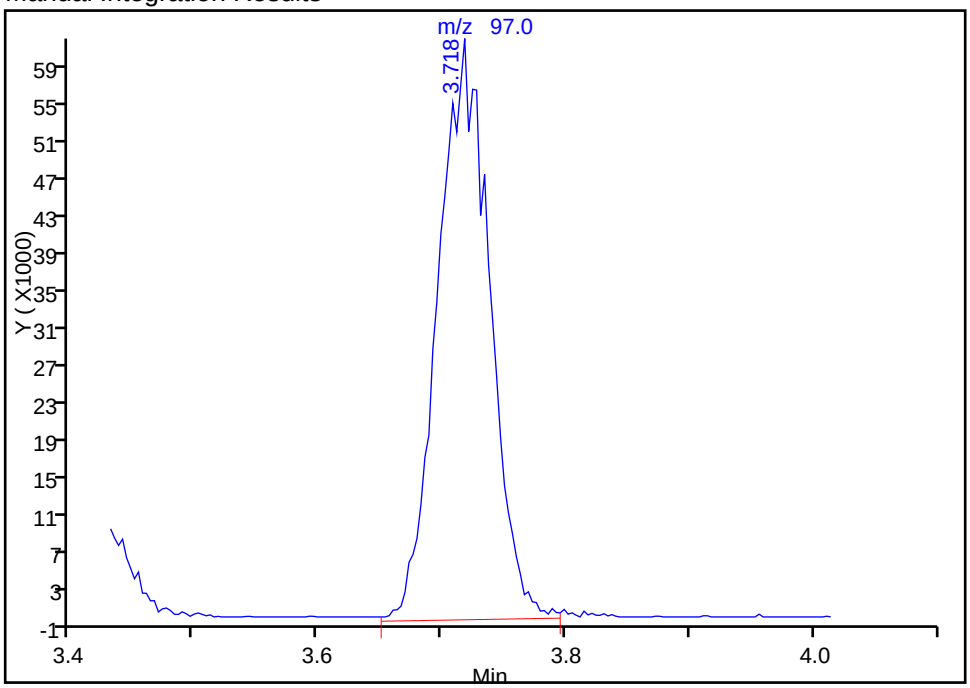
Processing Integration Results

RT: 3.71
Response: 106290
Amount: 14.135095



Manual Integration Results

RT: 3.72
Response: 181192
Amount: 24.096021



Reviewer: tupayachia, 16-Mar-2014 10:33:42
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

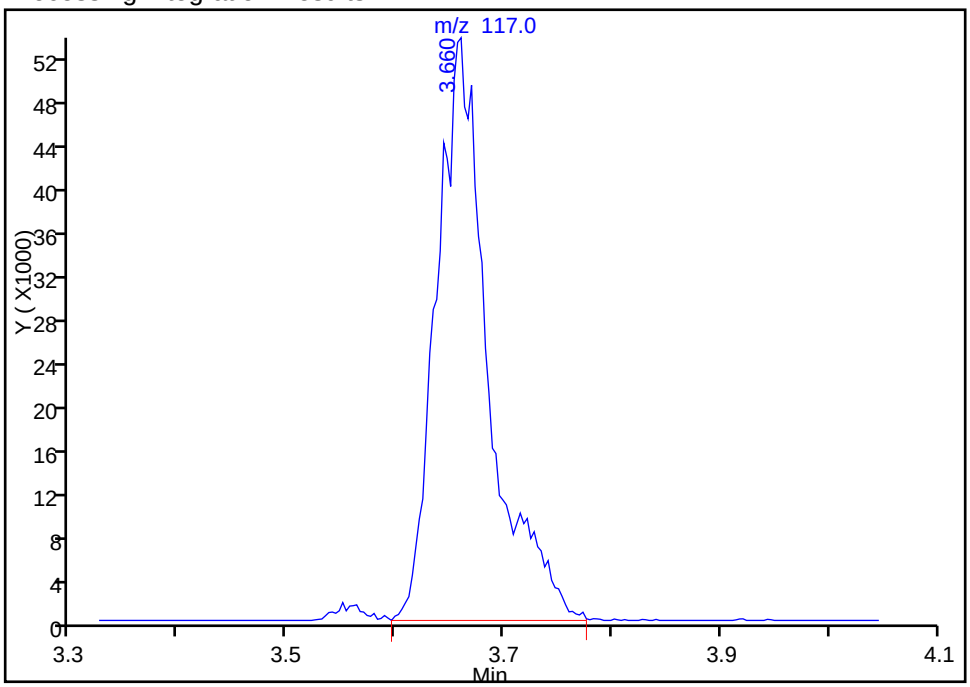
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367419.D
Injection Date: 16-Mar-2014 06:56:30 Instrument ID: CVOAMS4
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

51 Carbon tetrachloride, CAS: 56-23-5

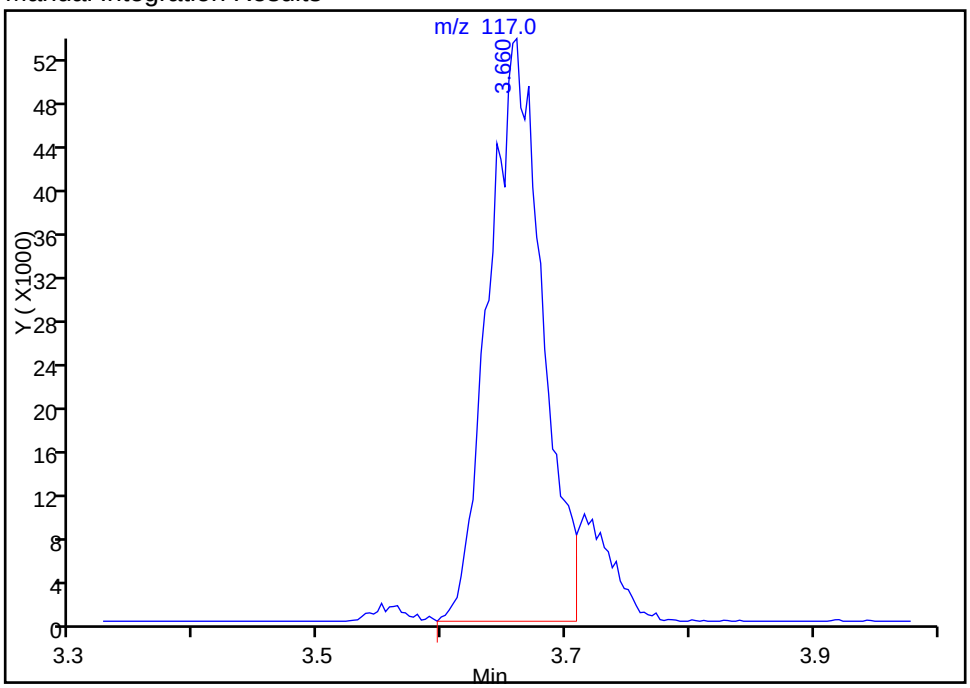
Processing Integration Results

RT: 3.66
Response: 178384
Amount: 24.040137



Manual Integration Results

RT: 3.66
Response: 160426
Amount: 21.620006



Reviewer: delpolitov, 17-Mar-2014 09:00:49
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

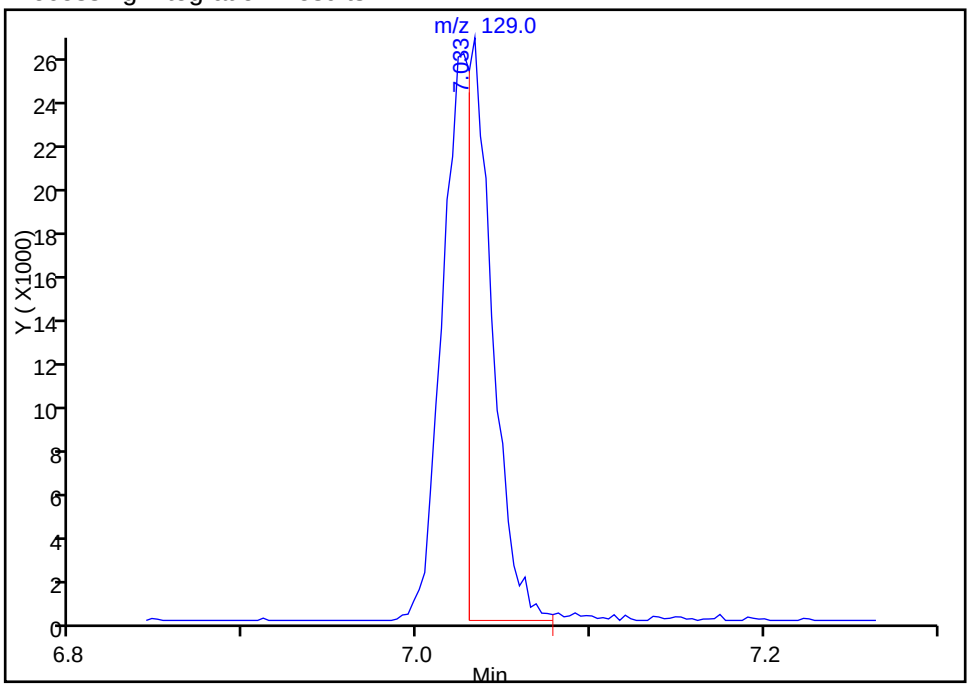
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367419.D
Injection Date: 16-Mar-2014 06:56:30 Instrument ID: CVOAMS4
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

84 Chlorodibromomethane, CAS: 124-48-1

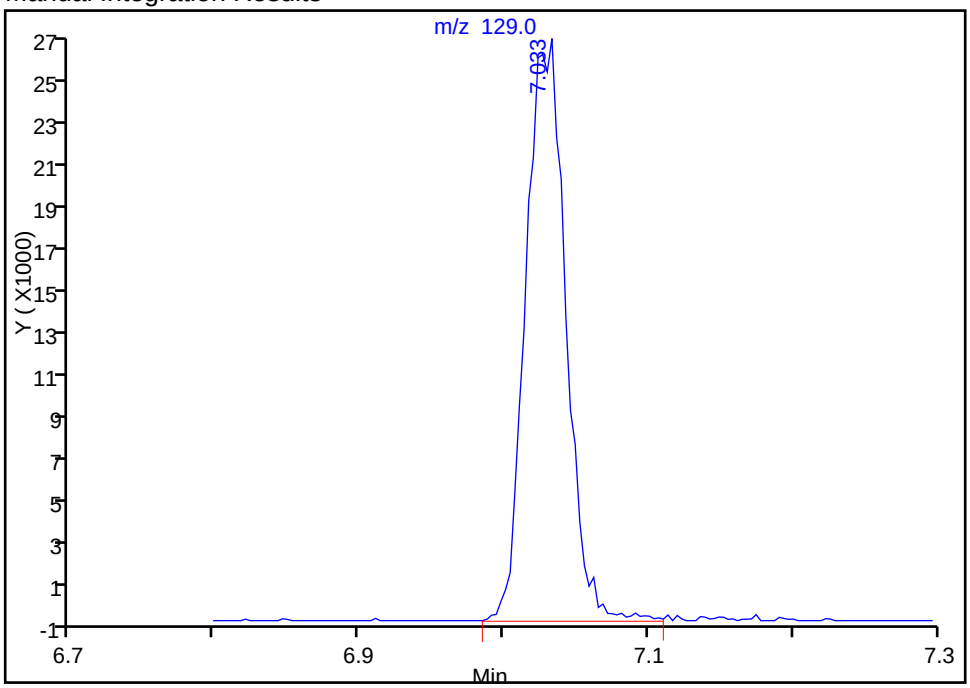
Processing Integration Results

RT: 7.03
Response: 26842
Amount: 10.064313



Manual Integration Results

RT: 7.03
Response: 51871
Amount: 19.448848



Reviewer: tupayachia, 16-Mar-2014 10:33:42
Audit Action: Manually Integrated
Audit Reason: Baseline

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-212905/3

Matrix: Solid Lab File ID: J10063.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/16/2014 07:15

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 212905 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	774		50	4.8
74-83-9	Bromomethane	897		50	9.1
75-01-4	Vinyl chloride	869		50	7.2
75-00-3	Chloroethane	1170		50	8.5
75-09-2	Methylene Chloride	1020		50	9.1
67-64-1	Acetone	5640		250	130
75-15-0	Carbon disulfide	1060		50	6.3
75-69-4	Trichlorofluoromethane	898		50	7.3
75-35-4	1,1-Dichloroethene	1010		50	4.4
75-34-3	1,1-Dichloroethane	1090		50	6.5
156-60-5	trans-1,2-Dichloroethene	1100		50	6.4
156-59-2	cis-1,2-Dichloroethene	1000		50	8.9
67-66-3	Chloroform	1010		50	3.9
78-93-3	2-Butanone	6020		250	120
107-06-2	1,2-Dichloroethane	1020		50	9.5
71-55-6	1,1,1-Trichloroethane	1060		50	3.1
56-23-5	Carbon tetrachloride	893		50	2.9
71-43-2	Benzene	1030		50	4.1
75-25-2	Bromoform	902		50	9.6
100-42-5	Styrene	993		50	5.9
100-41-4	Ethylbenzene	975		50	4.8
108-90-7	Chlorobenzene	1020		50	5.5
110-82-7	Cyclohexane	875		50	7.9
98-82-8	Isopropylbenzene	998		50	3.8
591-78-6	2-Hexanone	6130		250	25
1634-04-4	MTBE	972		50	6.9
76-13-1	Freon TF	924		50	4.1
79-20-9	Methyl acetate	4900		250	17
123-91-1	1,4-Dioxane	21900		2500	1800
79-01-6	Trichloroethene	1070		50	4.6
108-88-3	Toluene	1040		50	7.5
10061-02-6	trans-1,3-Dichloropropene	1020		50	12
108-10-1	4-Methyl-2-pentanone	4840		250	49
10061-01-5	cis-1,3-Dichloropropene	1000		50	9.2
95-50-1	1,2-Dichlorobenzene	1050		50	10
541-73-1	1,3-Dichlorobenzene	1010		50	6.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-212905/3

Matrix: Solid | Lab File ID: J10063.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/16/2014 07:15

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 212905 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1030		50	12
120-82-1	1,2,4-Trichlorobenzene	1000		50	17
87-61-6	1,2,3-Trichlorobenzene	1040		50	26
78-87-5	1,2-Dichloropropane	1010		50	4.3
108-87-2	Methylcyclohexane	816		50	6.8
127-18-4	Tetrachloroethene	1090		50	4.9
1330-20-7	Xylenes, Total	1960		100	18
96-12-8	1,2-Dibromo-3-Chloropropane	860		50	20
79-34-5	1,1,2,2-Tetrachloroethane	1090		50	7.9
79-00-5	1,1,2-Trichloroethane	984		50	9.4
124-48-1	Dibromochloromethane	927		50	10
106-93-4	1,2-Dibromoethane	988		50	14
75-71-8	Dichlorodifluoromethane	751		50	11
74-97-5	Bromochloromethane	1030		50	14
75-27-4	Bromodichloromethane	984		50	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		75-135
2037-26-5	Toluene-d8 (Surr)	100		59-150
460-00-4	Bromofluorobenzene	97		72-133
1868-53-7	Dibromofluoromethane (Surr)	101		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10063.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 16-Mar-2014 07:15:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCS
Misc. Info.: 460-0010935-003
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 17-Mar-2014 14:17:26 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK032

First Level Reviewer: manlangitf Date: 17-Mar-2014 08:57:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.477	1.477	0.0	89	75626	15.0	
2 Chloromethane	50	1.647	1.647	0.0	99	90330	15.5	
4 Vinyl chloride	62	1.735	1.735	0.0	83	73778	17.4	
149 Butadiene	54	1.759	1.759	0.0	96	64689	16.9	
6 Bromomethane	94	2.017	2.017	0.0	97	42331	17.9	
7 Chloroethane	64	2.105	2.105	0.0	96	41686	23.5	
9 Dichlorofluoromethane	67	2.281	2.281	0.0	88	126308	19.4	
8 Trichlorofluoromethane	101	2.293	2.293	0.0	85	94067	18.0	
10 Pentane	72	2.340	2.340	0.0	97	18100	48.1	
11 Ethanol	46	2.493	2.493	0.0	98	19111	1524.8	
13 Ethyl ether	59	2.534	2.534	0.0	95	57764	21.2	
14 2-Methyl-1,3-butadiene	53	2.552	2.552	0.0	98	58591	17.4	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.699	2.699	0.0	94	71965	18.5	
17 Acrolein	56	2.710	2.710	0.0	9	7178	38.9	
18 1,1-Dichloroethene	96	2.734	2.734	0.0	97	67866	20.1	
19 Acetone	43	2.834	2.834	0.0	85	153290	112.8	
20 Iodomethane	142	2.887	2.887	0.0	99	127836	22.2	
21 Carbon disulfide	76	2.922	2.922	0.0	100	238876	21.2	
34 Isopropyl alcohol	45	2.922	2.922	0.0	38	54327	217.6	
147 3-Chloro-1-propene	76	3.057	3.057	0.0	89	44004	19.5	
23 Methyl acetate	43	3.069	3.069	0.0	99	426206	97.9	
22 Cyclopentene	67	3.075	3.075	0.0	80	204800	19.1	
24 Acetonitrile	41	3.122	3.122	0.0	96	162672	248.9	
* 151 TBA-d9 (IS)	65	3.180	3.180	0.0	97	448692	1000.0	
25 Methylene Chloride	84	3.180	3.180	0.0	89	83556	20.4	
26 2-Methyl-2-propanol	59	3.251	3.251	0.0	97	81376	225.8	
27 Methyl tert-butyl ether	73	3.345	3.345	0.0	97	237547	19.4	
29 trans-1,2-Dichloroethene	96	3.368	3.368	0.0	89	82277	22.0	
30 Acrylonitrile	53	3.445	3.445	0.0	93	370359	205.0	
32 Hexane	57	3.527	3.527	0.0	92	75672	17.0	
35 Isopropyl ether	45	3.733	3.733	0.0	98	331628	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
36 1,1-Dichloroethane	63	3.774	3.774	0.0	87	172298	21.7	
37 Vinyl acetate	43	3.786	3.786	0.0	100	377867	43.4	
38 Allyl alcohol	57	3.797	3.797	0.0	32	29293	526.8	
33 2-Chloro-1,3-butadiene	88	3.815	3.815	0.0	92	69319	19.6	
40 Tert-butyl ethyl ether	59	4.050	4.050	0.0	87	267719	19.4	
41 2,2-Dichloropropane	77	4.267	4.267	0.0	88	113996	19.5	
42 cis-1,2-Dichloroethene	96	4.291	4.291	0.0	86	86437	20.1	
43 2-Butanone (MEK)	72	4.308	4.308	0.0	95	48834	120.4	
44 Ethyl acetate	43	4.314	4.314	0.0	95	449421	42.5	
39 Methyl acrylate	55	4.367	4.367	0.0	97	85361	18.4	
48 Propionitrile	54	4.444	4.444	0.0	97	142609	247.9	
45 Tetrahydrofuran	72	4.520	4.520	0.0	30	22635	48.6	
46 Chlorobromomethane	128	4.520	4.520	0.0	80	43037	20.6	
31 Methacrylonitrile	67	4.549	4.549	0.0	96	387520	205.2	
47 Chloroform	83	4.567	4.567	0.0	86	144447	20.2	
49 Cyclohexane	56	4.696	4.696	0.0	96	121433	17.5	
50 1,1,1-Trichloroethane	97	4.714	4.714	0.0	93	116195	21.2	
$ 152 Dibromofluoromethane (Surr)	113	4.726	4.726	0.0	95	227733	50.3	
51 Carbon tetrachloride	117	4.831	4.831	0.0	86	84306	17.9	
52 1,1-Dichloropropene	75	4.867	4.867	0.0	93	114295	23.5	
56 Isobutyl alcohol	43	4.984	4.984	0.0	98	92765	504.2	
53 Benzene	78	5.066	5.066	0.0	93	324376	20.6	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.084	5.084	0.0	96	309600	50.1	
57 Isopropyl acetate	43	5.119	5.119	0.0	96	280355	19.0	
142 Tert-amyl methyl ether	73	5.125	5.125	0.0	84	234858	19.9	
55 1,2-Dichloroethane	62	5.160	5.160	0.0	97	123801	20.4	
58 n-Heptane	57	5.213	5.213	0.0	97	34219	19.2	
* 59 Fluorobenzene	96	5.354	5.354	0.0	97	823291	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.560	5.560	0.0	92	250207	36.5	
62 n-Butanol	56	5.648	5.648	0.0	95	44942	521.4	
61 Trichloroethene	95	5.707	5.707	0.0	97	84034	21.4	
64 Ethyl acrylate	55	5.824	5.824	0.0	97	194319	20.9	
63 Methylcyclohexane	83	5.830	5.830	0.0	70	80403	16.3	
65 1,2-Dichloropropane	63	6.001	6.001	0.0	87	88506	20.2	
* 150 1,4-Dioxane-d8	96	6.059	6.059	0.0	51	57598	1000.0	
66 Methyl methacrylate	100	6.071	6.071	0.0	92	44795	36.5	
67 1,4-Dioxane	88	6.112	6.112	0.0	53	21391	438.2	
69 n-Propyl acetate	43	6.124	6.124	0.0	98	157173	18.4	
68 Dibromomethane	93	6.124	6.124	0.0	46	52264	20.3	
70 Dichlorobromomethane	83	6.277	6.277	0.0	94	97736	19.7	
72 2-Chloroethyl vinyl ether	63	6.618	6.618	0.0	89	65137	19.7	
71 2-Nitropropane	41	6.618	6.618	0.0	69	25131	27.4	
73 Epichlorohydrin	57	6.723	6.723	0.0	97	194685	390.4	
74 cis-1,3-Dichloropropene	75	6.782	6.782	0.0	91	135400	20.0	
75 4-Methyl-2-pentanone (MIBK)	43	6.941	6.941	0.0	99	500474	96.8	
$ 76 Toluene-d8 (Surr)	98	7.023	7.023	0.0	99	872356	50.0	
77 Toluene	91	7.105	7.105	0.0	91	330840	20.7	
78 trans-1,3-Dichloropropene	75	7.452	7.452	0.0	96	120919	20.4	
82 Ethyl methacrylate	69	7.481	7.481	0.0	93	104196	18.8	
79 1,1,2-Trichloroethane	83	7.669	7.669	0.0	89	63510	19.7	
80 Tetrachloroethene	166	7.716	7.716	0.0	92	81125	21.7	
81 1,3-Dichloropropane	76	7.881	7.881	0.0	94	131915	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
83 2-Hexanone	58	7.940	7.940	0.0	99	166263	122.6	
85 n-Butyl acetate	43	8.057	8.057	0.0	97	159660	21.4	
84 Chlorodibromomethane	129	8.116	8.116	0.0	93	68086	18.5	
86 Ethylene Dibromide	107	8.274	8.274	0.0	96	79570	19.8	
* 87 Chlorobenzene-d5	117	8.815	8.815	0.0	86	711073	50.0	
88 Chlorobenzene	112	8.856	8.856	0.0	93	221163	20.5	
89 Ethylbenzene	106	8.956	8.956	0.0	99	107104	19.5	
90 1,1,1,2-Tetrachloroethane	131	8.974	8.974	0.0	86	65407	18.7	
91 m-Xylene & p-Xylene	106	9.115	9.115	0.0	96	136313	19.6	
93 n-Butyl acrylate	73	9.544	9.544	0.0	93	57682	17.6	
92 o-Xylene	106	9.555	9.555	0.0	90	133807	19.6	
94 Styrene	104	9.585	9.585	0.0	95	240923	19.9	
96 Amyl acetate (mixed isomers)	43	9.767	9.767	0.0	86	164588	18.8	
97 Bromoform	173	9.790	9.790	0.0	94	43234	18.0	
98 Isopropylbenzene	105	9.902	9.902	0.0	96	300762	20.0	
$ 99 4-Bromofluorobenzene	174	10.084	10.084	0.0	91	295461	48.5	
95 Camphene	41	10.096	10.096	0.0	94	21347	16.5	
100 Bromobenzene	156	10.202	10.202	0.0	95	101158	22.1	
101 1,1,2,2-Tetrachloroethane	83	10.237	10.237	0.0	86	106031	21.7	
102 N-Propylbenzene	91	10.260	10.260	0.0	95	356274	21.3	
103 1,2,3-Trichloropropane	110	10.278	10.278	0.0	95	30065	20.7	
104 trans-1,4-Dichloro-2-butene	53	10.296	10.296	0.0	62	33447	19.2	
105 2-Chlorotoluene	91	10.348	10.348	0.0	97	273155	20.8	
143 4-Ethyltoluene	105	10.354	10.354	0.0	90	310473	19.3	
106 1,3,5-Trimethylbenzene	105	10.407	10.407	0.0	83	248300	20.4	
107 4-Chlorotoluene	91	10.442	10.442	0.0	97	258822	21.2	
108 Butyl Methacrylate	87	10.484	10.484	0.0	98	101348	19.2	
109 tert-Butylbenzene	119	10.642	10.642	0.0	90	192050	20.3	
110 1,2,4-Trimethylbenzene	105	10.689	10.689	0.0	98	272582	20.7	
113 sec-Butylbenzene	105	10.801	10.801	0.0	98	263516	21.3	
114 4-Isopropyltoluene	119	10.901	10.901	0.0	91	234956	20.3	
115 1,3-Dichlorobenzene	146	10.907	10.907	0.0	92	172184	20.2	
* 116 1,4-Dichlorobenzene-d4	152	10.960	10.960	0.0	89	404602	50.0	
117 1,4-Dichlorobenzene	146	10.977	10.977	0.0	92	182635	20.6	
118 Benzyl chloride	91	11.077	11.077	0.0	98	160151	18.5	
119 2,3-Dihydroindene	117	11.118	11.118	0.0	89	303328	20.0	
133 p-Diethylbenzene	119	11.159	11.159	0.0	92	139839	17.9	
120 n-Butylbenzene	91	11.171	11.171	0.0	95	253758	20.9	
121 1,2-Dichlorobenzene	146	11.224	11.224	0.0	96	181818	20.9	
132 1,2,4,5-Tetramethylbenzene	119	11.629	11.629	0.0	95	250318	19.8	
122 1,2-Dibromo-3-Chloropropane	75	11.712	11.712	0.0	88	18898	17.2	
145 1,3,5-Trichlorobenzene	180	11.794	11.794	0.0	96	112097	19.3	
123 Camphor	95	12.135	12.135	0.0	95	56552	99.5	
124 1,2,4-Trichlorobenzene	180	12.193	12.193	0.0	89	110440	20.0	
126 Hexachlorobutadiene	225	12.258	12.258	0.0	92	35212	21.8	
127 Naphthalene	128	12.364	12.364	0.0	99	328442	20.8	
128 1,2,3-Trichlorobenzene	180	12.522	12.522	0.0	93	105018	20.8	
S 130 1,2-Dichloroethene, Total	100				0		42.1	
S 131 Xylenes, Total	100				0		39.2	
S 139 Total BTEX	1				0		100.1	

Report Date: 17-Mar-2014 14:17:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10063.D

Injection Date: 16-Mar-2014 07:15:30 Instrument ID: CVOAMS8 Operator ID:

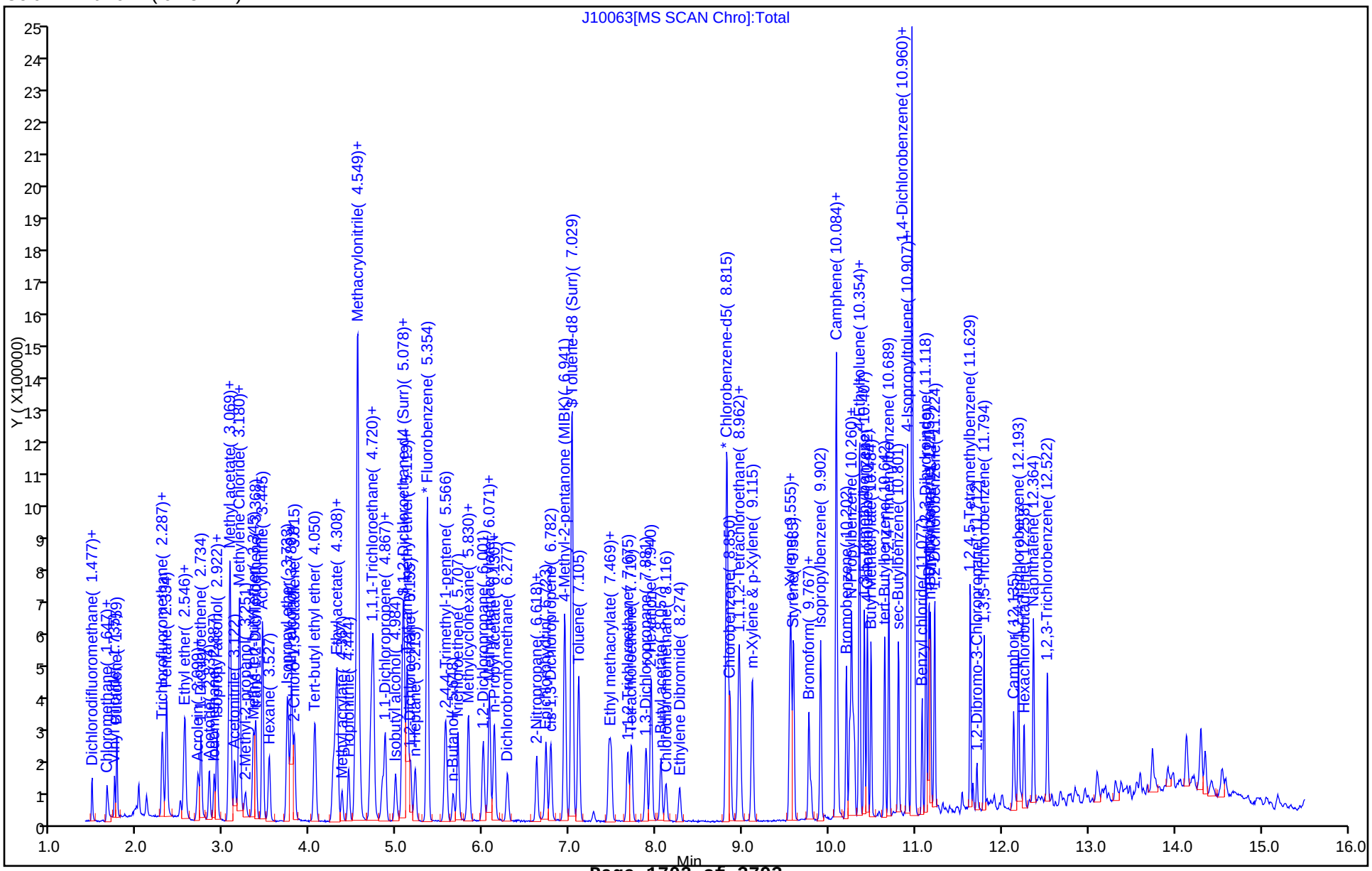
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 2

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-212315/5

Matrix: Solid Lab File ID: J09939.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 10:09

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 212315 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1000		50	4.8
74-83-9	Bromomethane	1020		50	9.1
75-01-4	Vinyl chloride	1020		50	7.2
75-00-3	Chloroethane	1240		50	8.5
75-09-2	Methylene Chloride	1040		50	9.1
67-64-1	Acetone	5430		250	130
75-15-0	Carbon disulfide	1080		50	6.3
75-69-4	Trichlorofluoromethane	996		50	7.3
75-35-4	1,1-Dichloroethene	1040		50	4.4
75-34-3	1,1-Dichloroethane	1090		50	6.5
156-60-5	trans-1,2-Dichloroethene	1090		50	6.4
156-59-2	cis-1,2-Dichloroethene	990		50	8.9
67-66-3	Chloroform	1060		50	3.9
78-93-3	2-Butanone	5470		250	120
107-06-2	1,2-Dichloroethane	1070		50	9.5
71-55-6	1,1,1-Trichloroethane	1060		50	3.1
56-23-5	Carbon tetrachloride	876		50	2.9
71-43-2	Benzene	1050		50	4.1
75-25-2	Bromoform	855		50	9.6
100-42-5	Styrene	1050		50	5.9
100-41-4	Ethylbenzene	1010		50	4.8
108-90-7	Chlorobenzene	1030		50	5.5
110-82-7	Cyclohexane	964		50	7.9
98-82-8	Isopropylbenzene	1110		50	3.8
591-78-6	2-Hexanone	5780		250	25
1634-04-4	MTBE	1030		50	6.9
76-13-1	Freon TF	875		50	4.1
79-20-9	Methyl acetate	5110		250	17
123-91-1	1,4-Dioxane	25500		2500	1800
79-01-6	Trichloroethene	1100		50	4.6
108-88-3	Toluene	1060		50	7.5
10061-02-6	trans-1,3-Dichloropropene	1060		50	12
108-10-1	4-Methyl-2-pentanone	5160		250	49
10061-01-5	cis-1,3-Dichloropropene	1030		50	9.2
95-50-1	1,2-Dichlorobenzene	1080		50	10
541-73-1	1,3-Dichlorobenzene	1090		50	6.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-212315/5

Matrix: Solid | Lab File ID: J09939.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/13/2014 10:09

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 212315 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1060		50	12
120-82-1	1,2,4-Trichlorobenzene	1120		50	17
87-61-6	1,2,3-Trichlorobenzene	1070		50	26
78-87-5	1,2-Dichloropropane	1060		50	4.3
108-87-2	Methylcyclohexane	925		50	6.8
127-18-4	Tetrachloroethene	1100		50	4.9
1330-20-7	Xylenes, Total	2120		100	18
96-12-8	1,2-Dibromo-3-Chloropropane	901		50	20
79-34-5	1,1,2,2-Tetrachloroethane	992		50	7.9
79-00-5	1,1,2-Trichloroethane	1040		50	9.4
124-48-1	Dibromochloromethane	945		50	10
106-93-4	1,2-Dibromoethane	984		50	14
75-71-8	Dichlorodifluoromethane	931		50	11
74-97-5	Bromochloromethane	1020		50	14
75-27-4	Bromodichloromethane	992		50	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		75-135
2037-26-5	Toluene-d8 (Surr)	99		59-150
460-00-4	Bromofluorobenzene	98		72-133
1868-53-7	Dibromofluoromethane (Surr)	103		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09939.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 13-Mar-2014 10:09:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCSD
Misc. Info.: 460-0010809-005
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 13-Mar-2014 15:55:20 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: baronm Date: 13-Mar-2014 15:40:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.477	1.476	0.001	87	88431	18.6	
2 Chloromethane	50	1.648	1.647	0.001	99	110355	20.1	
4 Vinyl chloride	62	1.736	1.741	-0.005	97	81959	20.5	
149 Butadiene	54	1.765	1.764	0.001	94	66306	18.3	
6 Bromomethane	94	2.018	2.023	-0.005	99	45363	20.4	
7 Chloroethane	64	2.106	2.111	-0.005	95	45346	24.7	
9 Dichlorofluoromethane	67	2.288	2.287	0.001	88	122257	19.9	
8 Trichlorofluoromethane	101	2.294	2.293	0.001	83	98449	19.9	
10 Pentane	72	2.341	2.340	0.001	95	18088	46.6	
11 Ethanol	46	2.494	2.493	0.001	97	22633	1751.1	
13 Ethyl ether	59	2.535	2.534	0.001	91	56566	22.0	
14 2-Methyl-1,3-butadiene	53	2.553	2.551	0.002	94	57883	18.2	
17 Acrolein	56	2.711	2.698	0.013	29	9304	49.2	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.705	2.704	0.001	93	64252	17.5	
18 1,1-Dichloroethene	96	2.735	2.739	-0.004	86	66048	20.7	
19 Acetone	43	2.829	2.828	0.001	84	152438	108.6	
20 Iodomethane	142	2.888	2.886	0.002	99	124381	22.9	
34 Isopropyl alcohol	45	2.923	2.922	0.001	40	63264	245.4	
21 Carbon disulfide	76	2.923	2.922	0.001	100	229486	21.6	
147 3-Chloro-1-propene	76	3.058	3.057	0.001	86	40812	19.2	
23 Methyl acetate	43	3.070	3.069	0.001	98	419993	102.2	
22 Cyclopentene	67	3.076	3.074	0.002	80	200745	19.8	
24 Acetonitrile	41	3.123	3.121	0.002	98	166609	246.9	
* 151 TBA-d9 (IS)	65	3.181	3.180	0.001	91	463348	1000.0	
25 Methylene Chloride	84	3.181	3.180	0.001	93	80581	20.9	
26 2-Methyl-2-propanol	59	3.246	3.251	-0.005	96	84587	227.3	
27 Methyl tert-butyl ether	73	3.346	3.345	0.001	97	237399	20.6	
29 trans-1,2-Dichloroethene	96	3.369	3.374	-0.005	89	76832	21.8	
30 Acrylonitrile	53	3.446	3.445	0.001	93	364702	213.9	
32 Hexane	57	3.522	3.527	-0.005	92	81792	19.5	
35 Isopropyl ether	45	3.734	3.732	0.002	98	321138	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
36 1,1-Dichloroethane	63	3.775	3.774	0.001	88	163871	21.9	
37 Vinyl acetate	43	3.787	3.785	0.002	100	294752	35.9	
38 Allyl alcohol	57	3.792	3.797	-0.005	31	37525	653.5	
33 2-Chloro-1,3-butadiene	88	3.816	3.815	0.001	94	65885	19.8	
40 Tert-butyl ethyl ether	59	4.051	4.050	0.001	85	259467	19.9	
41 2,2-Dichloropropane	77	4.268	4.267	0.001	92	105565	19.2	
42 cis-1,2-Dichloroethene	96	4.292	4.291	0.001	86	80336	19.8	
44 Ethyl acetate	43	4.309	4.308	0.001	96	442500	44.4	
43 2-Butanone (MEK)	72	4.309	4.314	-0.005	94	45836	109.3	
39 Methyl acrylate	55	4.368	4.367	0.001	97	83755	19.1	
48 Propionitrile	54	4.445	4.443	0.002	98	140222	236.0	
45 Tetrahydrofuran	72	4.515	4.520	-0.005	35	22436	46.6	
46 Chlorobromomethane	128	4.521	4.520	0.001	72	40139	20.4	
31 Methacrylonitrile	67	4.550	4.549	0.001	96	374647	210.3	
47 Chloroform	83	4.574	4.567	0.007	91	142720	21.1	
49 Cyclohexane	56	4.697	4.696	0.001	97	126308	19.3	
50 1,1,1-Trichloroethane	97	4.715	4.714	0.001	91	110038	21.3	
$ 152 Dibromofluoromethane (Surr)	113	4.732	4.731	0.001	94	219031	51.3	
51 Carbon tetrachloride	117	4.838	4.837	0.001	90	78012	17.5	
52 1,1-Dichloropropene	75	4.868	4.866	0.002	93	106691	23.3	
56 Isobutyl alcohol	43	4.985	4.984	0.001	95	100464	528.7	
53 Benzene	78	5.067	5.066	0.001	93	310993	21.1	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.085	5.084	0.001	87	292579	50.1	
57 Isopropyl acetate	43	5.120	5.119	0.001	95	269240	19.4	
142 Tert-amyl methyl ether	73	5.126	5.125	0.001	76	228034	20.5	
55 1,2-Dichloroethane	62	5.161	5.160	0.001	92	122049	21.3	
58 n-Heptane	57	5.214	5.213	0.001	96	33632	20.0	
* 59 Fluorobenzene	96	5.355	5.354	0.001	97	776902	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.567	5.566	0.001	92	262505	40.6	
62 n-Butanol	56	5.655	5.654	0.001	96	49345	554.4	
61 Trichloroethene	95	5.708	5.707	0.001	92	81928	22.1	
64 Ethyl acrylate	55	5.831	5.824	0.007	97	192337	21.9	
63 Methylcyclohexane	83	5.831	5.830	0.001	70	85989	18.5	
65 1,2-Dichloropropane	63	6.002	6.000	0.002	85	87350	21.1	
* 150 1,4-Dioxane-d8	96	6.060	6.053	0.007	49	53245	1000.0	
66 Methyl methacrylate	100	6.078	6.071	0.007	92	46220	39.9	
67 1,4-Dioxane	88	6.119	6.106	0.013	28	23005	509.8	
69 n-Propyl acetate	43	6.125	6.124	0.001	98	155021	19.2	
68 Dibromomethane	93	6.131	6.130	0.001	48	51776	21.3	
70 Dichlorobromomethane	83	6.278	6.277	0.001	98	93018	19.8	
72 2-Chloroethyl vinyl ether	63	6.618	6.617	0.001	85	60893	19.5	
71 2-Nitropropane	41	6.624	6.617	0.007	70	22196	25.7	
73 Epichlorohydrin	57	6.724	6.723	0.001	98	188210	400.0	
74 cis-1,3-Dichloropropene	75	6.783	6.782	0.001	92	131116	20.7	
75 4-Methyl-2-pentanone (MIBK)	43	6.942	6.940	0.002	99	500663	103.3	
$ 76 Toluene-d8 (Surr)	98	7.030	7.029	0.001	98	813008	49.7	
77 Toluene	91	7.106	7.105	0.001	91	317469	21.2	
78 trans-1,3-Dichloropropene	75	7.453	7.457	-0.004	94	117586	21.1	
82 Ethyl methacrylate	69	7.482	7.481	0.001	93	101217	19.3	
79 1,1,2-Trichloroethane	83	7.676	7.669	0.007	92	63118	20.8	
80 Tetrachloroethene	166	7.711	7.716	-0.005	90	77259	22.0	
81 1,3-Dichloropropane	76	7.882	7.881	0.001	95	127877	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
83 2-Hexanone	58	7.940	7.939	0.001	99	161838	115.6	
85 n-Butyl acetate	43	8.058	8.057	0.001	97	157581	22.5	
84 Chlorodibromomethane	129	8.117	8.116	0.001	92	65094	18.9	
86 Ethylene Dibromide	107	8.270	8.268	0.002	98	74301	19.7	
* 87 Chlorobenzene-d5	117	8.822	8.821	0.001	86	666907	50.0	
88 Chlorobenzene	112	8.857	8.856	0.001	93	207724	20.5	
89 Ethylbenzene	106	8.957	8.956	0.001	99	103863	20.2	
90 1,1,1,2-Tetrachloroethane	131	8.975	8.973	0.002	89	66103	20.1	
91 m-Xylene & p-Xylene	106	9.116	9.114	0.002	97	138137	21.2	
93 n-Butyl acrylate	73	9.544	9.543	0.001	90	55265	17.9	
92 o-Xylene	106	9.562	9.561	0.001	76	135482	21.1	
94 Styrene	104	9.586	9.590	-0.004	92	239555	21.1	
96 Amyl acetate (mixed isomers)	43	9.768	9.767	0.001	86	166376	19.2	
97 Bromoform	173	9.791	9.790	0.001	88	38389	17.1	
98 Isopropylbenzene	105	9.903	9.902	0.001	96	314466	22.3	
$ 99 4-Bromofluorobenzene	174	10.085	10.084	0.001	90	280387	49.1	
95 Camphene	41	10.103	10.096	0.007	95	21148	17.4	
100 Bromobenzene	156	10.203	10.201	0.002	94	98407	21.8	
101 1,1,2,2-Tetrachloroethane	83	10.238	10.237	0.001	90	95738	19.8	
102 N-Propylbenzene	91	10.261	10.260	0.001	95	380830	23.0	
103 1,2,3-Trichloropropane	110	10.279	10.278	0.001	96	30718	21.4	
104 trans-1,4-Dichloro-2-butene	53	10.297	10.295	0.002	63	32683	19.0	
105 2-Chlorotoluene	91	10.349	10.348	0.001	98	281580	21.7	
143 4-Ethyltoluene	105	10.355	10.354	0.001	92	333448	21.0	
106 1,3,5-Trimethylbenzene	105	10.408	10.407	0.001	84	264697	22.0	
107 4-Chlorotoluene	91	10.443	10.442	0.001	97	260758	21.6	
108 Butyl Methacrylate	87	10.485	10.489	-0.004	97	97052	18.6	
109 tert-Butylbenzene	119	10.643	10.642	0.001	91	203872	21.8	
110 1,2,4-Trimethylbenzene	105	10.690	10.689	0.001	98	285565	21.9	
113 sec-Butylbenzene	105	10.802	10.801	0.001	98	277758	22.7	
114 4-Isopropyltoluene	119	10.902	10.906	-0.004	96	250917	21.9	
115 1,3-Dichlorobenzene	146	10.908	10.906	0.002	96	183256	21.8	
* 116 1,4-Dichlorobenzene-d4	152	10.960	10.959	0.001	95	400358	50.0	
117 1,4-Dichlorobenzene	146	10.978	10.977	0.001	92	186015	21.2	
118 Benzyl chloride	91	11.078	11.077	0.001	95	145087	16.9	
119 2,3-Dihydroindene	117	11.119	11.124	-0.005	91	310712	20.7	
133 p-Diethylbenzene	119	11.154	11.159	-0.005	90	151873	19.6	
120 n-Butylbenzene	91	11.172	11.177	-0.005	96	269362	22.4	
121 1,2-Dichlorobenzene	146	11.225	11.224	0.001	96	185062	21.5	
132 1,2,4,5-Tetramethylbenzene	119	11.636	11.635	0.001	95	256937	20.5	
122 1,2-Dibromo-3-Chloropropane	75	11.713	11.711	0.002	91	19592	18.0	
145 1,3,5-Trichlorobenzene	180	11.795	11.794	0.001	97	118076	20.6	
123 Camphor	95	12.136	12.140	-0.004	94	53537	95.2	
124 1,2,4-Trichlorobenzene	180	12.194	12.193	0.001	92	122162	22.4	
126 Hexachlorobutadiene	225	12.253	12.258	-0.005	90	36229	22.7	
127 Naphthalene	128	12.365	12.369	-0.004	99	346830	22.2	
128 1,2,3-Trichlorobenzene	180	12.529	12.528	0.001	94	106782	21.4	
S 131 Xylenes, Total	100				0		42.4	

Report Date: 13-Mar-2014 15:55:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10809.b\J09939.D

Injection Date: 13-Mar-2014 10:09:30 Instrument ID: CVOAMS8 Operator ID:

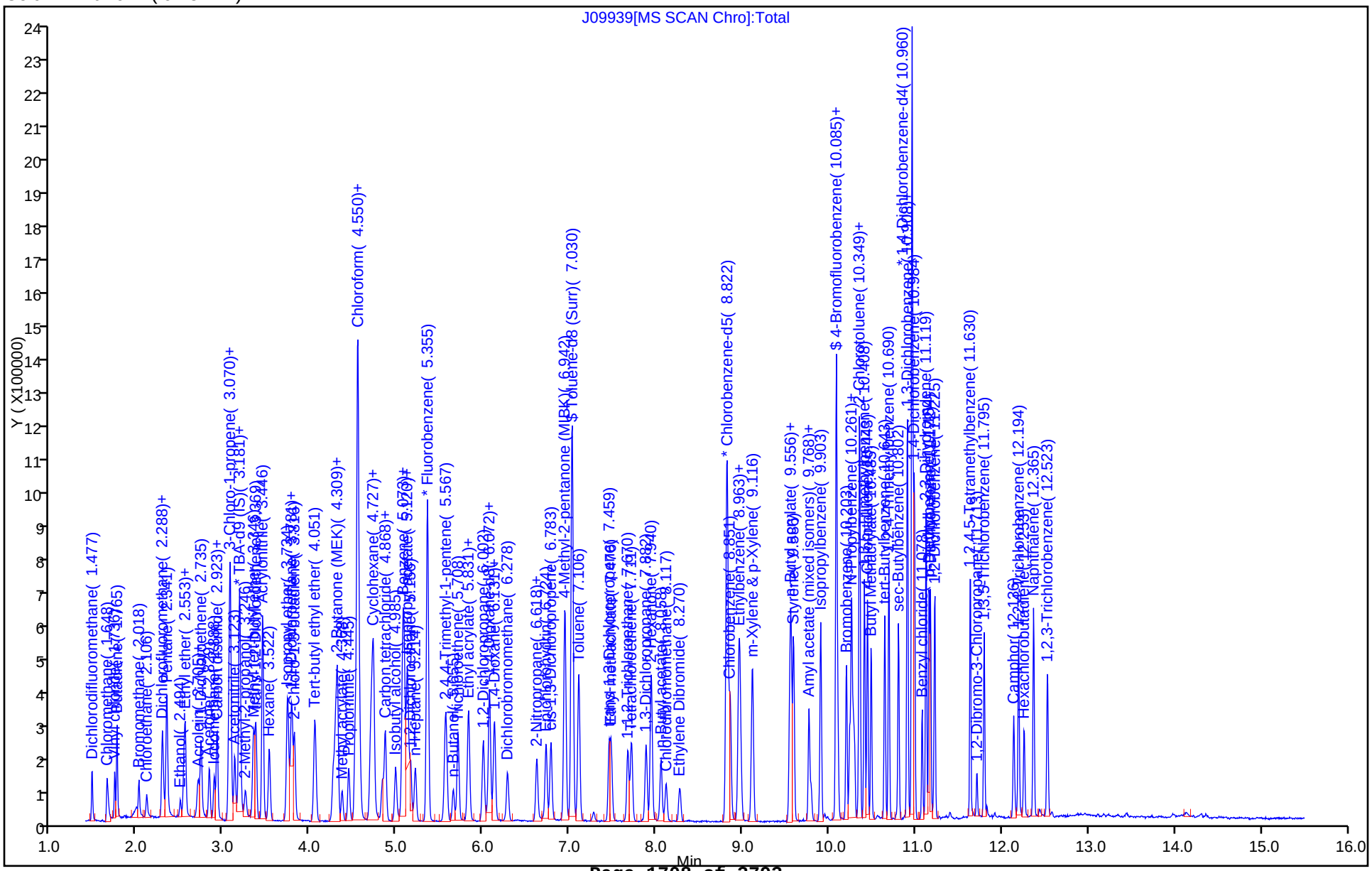
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 4

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-212326/4

Matrix: Solid | Lab File ID: D367284.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/13/2014 07:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212326 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	21.0		1.0	0.16
74-83-9	Bromomethane	21.2		1.0	0.43
75-01-4	Vinyl chloride	21.0		1.0	0.34
75-00-3	Chloroethane	20.5		1.0	0.33
75-09-2	Methylene Chloride	22.1		1.0	0.15
67-64-1	Acetone	105		5.0	1.7
75-15-0	Carbon disulfide	22.2		1.0	0.15
75-69-4	Trichlorofluoromethane	21.1		1.0	0.16
75-35-4	1,1-Dichloroethene	23.0		1.0	0.19
75-34-3	1,1-Dichloroethane	22.1		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	21.8		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	21.5		1.0	0.11
67-66-3	Chloroform	21.7		1.0	0.24
78-93-3	2-Butanone	83.1		5.0	0.63
107-06-2	1,2-Dichloroethane	21.6		1.0	0.18
71-55-6	1,1,1-Trichloroethane	22.9		1.0	0.13
56-23-5	Carbon tetrachloride	20.4		1.0	0.15
71-43-2	Benzene	21.7		1.0	0.15
75-25-2	Bromoform	19.3		1.0	0.17
100-42-5	Styrene	20.5		1.0	0.28
100-41-4	Ethylbenzene	21.1		1.0	0.17
108-90-7	Chlorobenzene	20.3		1.0	0.18
110-82-7	Cyclohexane	22.1		1.0	0.13
98-82-8	Isopropylbenzene	21.8		1.0	0.11
591-78-6	2-Hexanone	108		5.0	0.13
1634-04-4	MTBE	22.2		1.0	0.11
76-13-1	Freon TF	23.5		1.0	0.11
79-20-9	Methyl acetate	117		5.0	0.32
123-91-1	1,4-Dioxane	423		20	13
79-01-6	Trichloroethene	21.1		1.0	0.12
108-88-3	Toluene	21.2		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	20.2		1.0	0.10
108-10-1	4-Methyl-2-pentanone	100		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	20.5		1.0	0.14
95-50-1	1,2-Dichlorobenzene	20.9		1.0	0.10
541-73-1	1,3-Dichlorobenzene	20.5		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-212326/4

Matrix: Solid Lab File ID: D367284.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 07:31

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 212326 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.9		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	20.1		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	19.7		1.0	0.16
78-87-5	1,2-Dichloropropane	20.6		1.0	0.15
108-87-2	Methylcyclohexane	22.2		1.0	0.10
127-18-4	Tetrachloroethene	21.0		1.0	0.12
1330-20-7	Xylenes, Total	42.0		2.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	18.8		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	20.1		1.0	0.090
79-00-5	1,1,2-Trichloroethane	19.8		1.0	0.14
124-48-1	Dibromochloromethane	18.9		1.0	0.10
106-93-4	1,2-Dibromoethane	20.0		1.0	0.15
75-71-8	Dichlorodifluoromethane	23.1		1.0	0.22
74-97-5	Bromochloromethane	21.7		1.0	0.11
75-27-4	Bromodichloromethane	20.0		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	94		70-130
1868-53-7	Dibromofluoromethane (Surr)	97		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367284.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 13-Mar-2014 07:31:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0010815-004
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 16:18:35 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.194	1.207	-0.013	86	208725	23.1	
2 Chloromethane	50	1.268	1.287	-0.019	71	289870	21.0	
149 Butadiene	54	1.329	1.345	-0.016	91	184436	21.6	
4 Vinyl chloride	62	1.336	1.352	-0.016	60	213169	21.0	
6 Bromomethane	94	1.525	1.538	-0.013	81	113250	21.2	
7 Chloroethane	64	1.596	1.602	-0.006	78	94261	20.5	
10 Pentane	72	1.663	1.680	-0.017	91	45626	43.1	
8 Trichlorofluoromethane	101	1.686	1.692	-0.006	63	171769	21.1	
9 Dichlorofluoromethane	67	1.728	1.741	-0.013	75	221029	21.6	
14 2-Methyl-1,3-butadiene	67	1.847	1.860	-0.013	92	168991	20.7	
13 Ethyl ether	59	1.863	1.869	-0.006	92	49413	21.7	
18 1,1-Dichloroethene	96	1.985	1.991	-0.006	85	107042	23.0	
21 Carbon disulfide	76	1.995	2.008	-0.013	99	385620	22.2	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.040	2.049	-0.009	88	124367	23.5	
20 Iodomethane	142	2.075	2.078	-0.003	97	159708	22.8	
22 Cyclopentene	67	2.175	2.184	-0.009	88	303067	20.7	
17 Acrolein	56	2.210	2.213	-0.003	65	48345	270.5	
147 3-Chloro-1-propene	76	2.290	2.300	-0.010	84	64722	21.9	
34 Isopropyl alcohol	45	2.361	2.364	-0.003	5	25974	187.6	
25 Methylene Chloride	84	2.368	2.374	-0.006	80	97368	22.1	
19 Acetone	43	2.413	2.419	-0.006	78	75543	105.5	
29 trans-1,2-Dichloroethene	96	2.474	2.480	-0.006	83	103253	21.8	
23 Methyl acetate	43	2.496	2.509	-0.013	98	311440	117.2	
32 Hexane	57	2.532	2.541	-0.009	93	223071	22.4	
27 Methyl tert-butyl ether	73	2.580	2.586	-0.006	91	175744	22.2	
* 151 TBA-d9 (IS)	65	2.622	2.628	-0.006	91	144873	1000.0	
26 2-Methyl-2-propanol	59	2.673	2.680	-0.007	56	40844	185.3	
24 Acetonitrile	41	2.744	2.744	0.0	99	45511	217.9	
35 Isopropyl ether	45	2.847	2.847	0.0	91	257695	20.4	
33 2-Chloro-1,3-butadiene	88	2.885	2.898	-0.013	90	90464	21.3	
36 1,1-Dichloroethane	63	2.908	2.911	-0.003	78	176470	22.1	
30 Acrylonitrile	53	2.959	2.969	-0.010	92	141641	183.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
40 Tert-butyl ethyl ether	59	3.117	3.120	-0.003	74	201756	20.4	
37 Vinyl acetate	43	3.818	3.123	0.695	92	63250	13.9	
42 cis-1,2-Dichloroethene	96	3.319	3.326	-0.007	87	88712	21.5	
41 2,2-Dichloropropane	77	3.413	3.419	-0.006	83	153715	22.0	
46 Chlorobromomethane	128	3.470	3.480	-0.010	62	31301	21.7	
49 Cyclohexane	56	3.483	3.480	0.003	85	215320	22.1	
47 Chloroform	83	3.551	3.554	-0.003	83	132861	21.7	
51 Carbon tetrachloride	117	3.654	3.660	-0.006	89	119644	20.4	
44 Ethyl acetate	70	3.683	3.676	0.007	72	7057	37.3	
39 Methyl acrylate	55	3.676	3.680	-0.004	59	25509	18.4	
45 Tetrahydrofuran	42	3.679	3.686	-0.007	53	25137	36.1	
$ 152 Dibromofluoromethane (Surr)	113	3.699	3.702	-0.003	90	113018	48.5	
50 1,1,1-Trichloroethane	97	3.712	3.718	-0.006	81	136146	22.9	
52 1,1-Dichloropropene	75	3.808	3.808	0.0	88	119654	20.7	
43 2-Butanone (MEK)	72	3.815	3.821	-0.006	94	20559	83.1	
53 Benzene	78	4.024	4.027	-0.003	96	333733	21.7	
58 n-Heptane	57	4.027	4.027	0.0	64	96809	22.7	
48 Propionitrile	54	4.065	4.072	-0.007	46	36406	198.4	
31 Methacrylonitrile	67	4.078	4.078	0.0	91	131990	214.4	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.149	4.152	-0.003	94	97288	47.9	
142 Tert-amyl methyl ether	73	4.159	4.165	-0.006	97	156257	20.9	
55 1,2-Dichloroethane	62	4.210	4.213	-0.003	89	62517	21.6	
* 59 Fluorobenzene	96	4.406	4.409	-0.003	83	530209	50.0	
60 2,4,4-Trimethyl-1-pentene	57	4.451	4.454	-0.003	92	613617	41.3	
57 Isopropyl acetate	43	4.503	4.506	-0.003	89	75354	17.4	
63 Methylcyclohexane	83	4.551	4.557	-0.006	92	200551	22.2	
61 Trichloroethene	95	4.570	4.567	0.003	81	77643	21.1	
68 Dibromomethane	93	4.978	4.982	-0.004	84	26002	20.6	
65 1,2-Dichloropropane	63	5.085	5.081	0.004	87	73919	20.6	
70 Dichlorobromomethane	83	5.171	5.175	-0.004	91	70536	20.0	
* 150 1,4-Dioxane-d8	96	5.371	5.377	-0.006	88	10421	1000.0	
66 Methyl methacrylate	100	5.387	5.384	0.003	90	17551	41.9	
67 1,4-Dioxane	88	5.406	5.400	0.006	46	7338	423.3	
69 n-Propyl acetate	43	5.564	5.564	0.0	95	34637	17.0	
72 2-Chloroethyl vinyl ether	63	5.834	5.840	-0.006	85	16714	17.6	
74 cis-1,3-Dichloropropene	75	5.863	5.869	-0.006	86	87971	20.5	
$ 76 Toluene-d8 (Surr)	98	6.072	6.072	0.0	90	494055	47.6	
77 Toluene	91	6.133	6.133	0.0	90	324992	21.2	
73 Epichlorohydrin	57	6.171	6.168	0.003	97	49016	379.8	
71 2-Nitropropane	41	6.641	6.406	0.235	67	35261	109.3	
80 Tetrachloroethene	166	6.583	6.577	0.006	92	71869	21.0	
75 4-Methyl-2-pentanone (MIBK)	43	6.641	6.638	0.003	95	154519	100.3	
78 trans-1,3-Dichloropropene	75	6.660	6.667	-0.007	91	57285	20.2	
79 1,1,2-Trichloroethane	83	6.840	6.843	-0.003	88	31149	19.8	
82 Ethyl methacrylate	69	6.921	6.921	-0.001	86	43955	17.7	
84 Chlorodibromomethane	129	7.027	7.023	0.004	92	35099	18.9	
81 1,3-Dichloropropane	76	7.133	7.130	0.003	87	61602	20.2	
86 Ethylene Dibromide	107	7.242	7.245	-0.003	98	29352	20.0	
85 n-Butyl acetate	73	7.519	7.519	0.0	97	6789	21.0	
83 2-Hexanone	43	7.570	7.570	0.0	96	97651	108.2	
* 87 Chlorobenzene-d5	117	7.776	7.776	0.0	86	300500	50.0	
88 Chlorobenzene	112	7.792	7.792	0.0	87	167634	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
89 Ethylbenzene	106	7.850	7.847	0.003	97	110455	21.1	
90 1,1,1,2-Tetrachloroethane	131	7.869	7.872	-0.003	85	53594	20.4	
91 m-Xylene & p-Xylene	106	7.991	7.991	0.0	96	135008	21.0	
92 o-Xylene	106	8.364	8.367	-0.003	89	125010	20.9	
97 Bromoform	173	8.416	8.412	0.004	40	16932	19.3	
94 Styrene	104	8.416	8.416	0.0	92	180961	20.5	
93 n-Butyl acrylate	73	8.586	8.586	0.0	96	24728	19.7	
98 Isopropylbenzene	105	8.644	8.644	0.0	90	374480	21.8	
95 Camphene	41	8.715	8.715	0.0	87	32806	19.9	
96 Amyl acetate (mixed isomers)	43	8.808	8.808	0.0	91	55424	17.6	
$ 99 4-Bromofluorobenzene	174	8.859	8.853	0.006	77	98785	46.9	
100 Bromobenzene	156	8.924	8.924	0.0	87	56515	19.9	
102 N-Propylbenzene	91	8.985	8.985	0.0	98	449708	21.3	
101 1,1,2,2-Tetrachloroethane	83	9.055	9.052	0.003	82	41149	20.1	
143 4-Ethyltoluene	105	9.078	9.078	0.0	84	349571	20.0	
105 2-Chlorotoluene	91	9.084	9.081	0.003	86	265129	20.9	
103 1,2,3-Trichloropropane	110	9.139	9.139	0.0	92	10809	21.3	
106 1,3,5-Trimethylbenzene	105	9.152	9.152	0.0	88	290500	21.0	
104 trans-1,4-Dichloro-2-butene	53	9.187	9.187	0.0	59	11045	22.4	
107 4-Chlorotoluene	91	9.216	9.216	0.0	98	222531	20.9	
109 tert-Butylbenzene	119	9.387	9.387	0.0	89	238160	20.8	
108 Butyl Methacrylate	87	9.416	9.416	0.0	86	57457	18.5	
110 1,2,4-Trimethylbenzene	105	9.445	9.445	0.0	91	286971	20.8	
113 sec-Butylbenzene	105	9.522	9.522	0.0	94	418177	21.5	
114 4-Isopropyltoluene	119	9.644	9.641	0.003	81	338813	20.9	
115 1,3-Dichlorobenzene	146	9.663	9.663	0.0	86	132477	20.5	
* 116 1,4-Dichlorobenzene-d4	152	9.724	9.721	0.003	86	143452	50.0	
117 1,4-Dichlorobenzene	146	9.734	9.731	0.003	82	126485	19.9	
119 2,3-Dihydroindene	117	9.856	9.856	0.0	84	238165	18.6	
133 p-Diethylbenzene	119	9.911	9.911	0.0	83	194908	20.0	
118 Benzyl chloride	126	9.930	9.927	0.003	90	14672	19.0	
120 n-Butylbenzene	92	9.953	9.949	0.004	95	196372	21.5	
121 1,2-Dichlorobenzene	146	10.036	10.036	0.0	86	114772	20.9	
132 1,2,4,5-Tetramethylbenzene	119	10.493	10.490	0.003	94	253956	19.2	
122 1,2-Dibromo-3-Chloropropane	157	10.615	10.618	-0.003	35	5926	18.8	
145 1,3,5-Trichlorobenzene	180	10.641	10.637	0.004	88	95750	19.1	
126 Hexachlorobutadiene	225	11.081	11.081	0.0	80	47288	19.6	
124 1,2,4-Trichlorobenzene	180	11.091	11.091	0.0	86	82880	20.1	
123 Camphor	95	11.284	11.287	-0.003	85	16430	101.9	
127 Naphthalene	128	11.313	11.313	0.0	83	145738	19.4	
128 1,2,3-Trichlorobenzene	180	11.448	11.448	0.0	81	68201	19.7	
S 131 Xylenes, Total	100				0		42.0	

Report Date: 14-Mar-2014 16:18:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10815.b\D367284.D

Injection Date: 13-Mar-2014 07:31:30 Instrument ID: CVOAMS4 Operator ID:

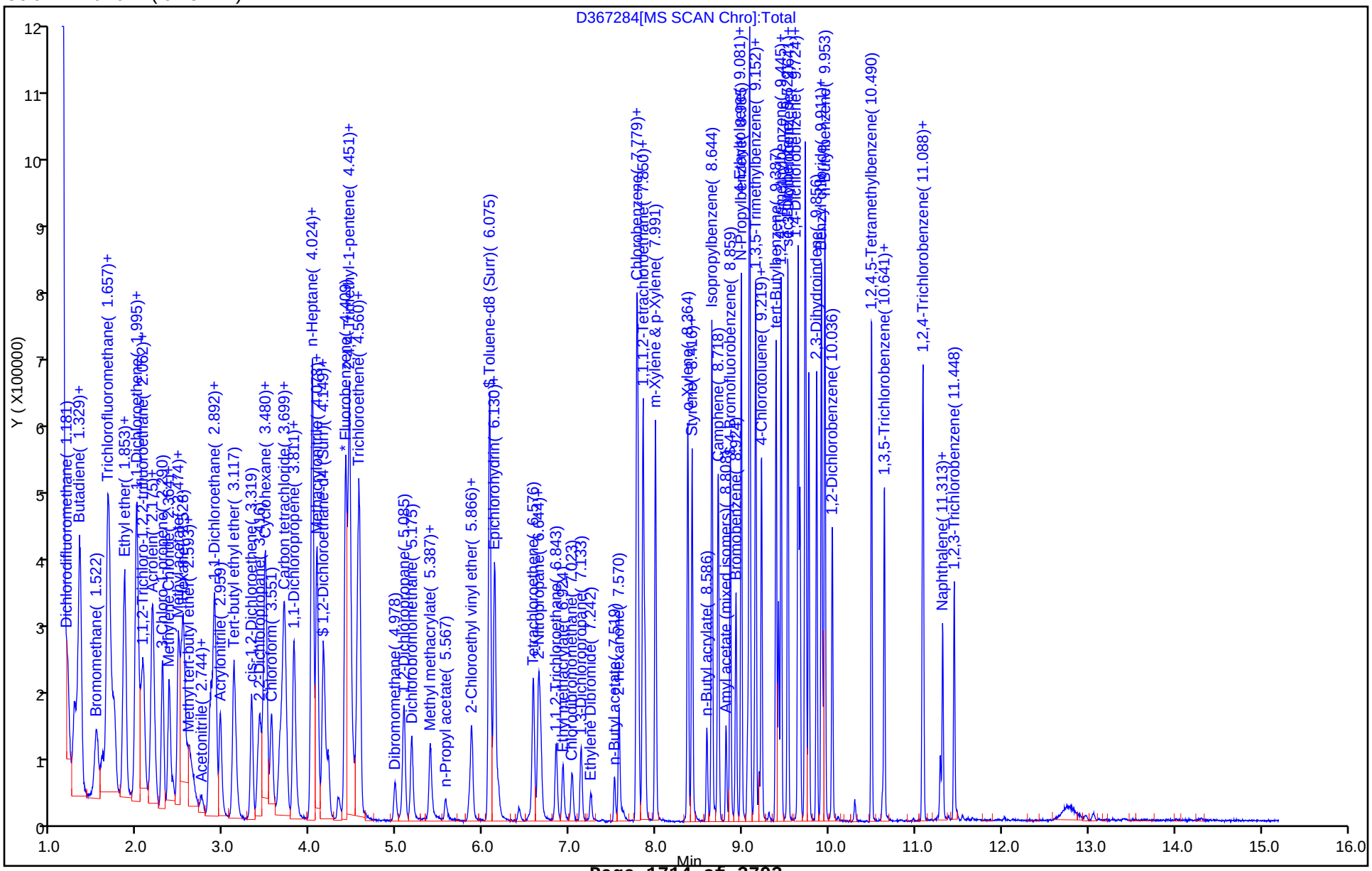
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-212478/5

Matrix: Solid Lab File ID: D367312.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 19:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 212478 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	13.9		1.0	0.16
74-83-9	Bromomethane	18.1		1.0	0.43
75-01-4	Vinyl chloride	18.2		1.0	0.34
75-00-3	Chloroethane	18.3		1.0	0.33
75-09-2	Methylene Chloride	20.1		1.0	0.15
67-64-1	Acetone	75.6		5.0	1.7
75-15-0	Carbon disulfide	18.6		1.0	0.15
75-69-4	Trichlorofluoromethane	18.0		1.0	0.16
75-35-4	1,1-Dichloroethene	19.9		1.0	0.19
75-34-3	1,1-Dichloroethane	19.3		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	19.1		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	18.6		1.0	0.11
67-66-3	Chloroform	18.9		1.0	0.24
78-93-3	2-Butanone	78.3		5.0	0.63
107-06-2	1,2-Dichloroethane	20.2		1.0	0.18
71-55-6	1,1,1-Trichloroethane	20.6		1.0	0.13
56-23-5	Carbon tetrachloride	17.9		1.0	0.15
71-43-2	Benzene	18.2		1.0	0.15
75-25-2	Bromoform	15.9		1.0	0.17
100-42-5	Styrene	18.1		1.0	0.28
100-41-4	Ethylbenzene	18.2		1.0	0.17
108-90-7	Chlorobenzene	17.3		1.0	0.18
110-82-7	Cyclohexane	20.5		1.0	0.13
98-82-8	Isopropylbenzene	18.8		1.0	0.11
591-78-6	2-Hexanone	105		5.0	0.13
1634-04-4	MTBE	21.5		1.0	0.11
76-13-1	Freon TF	20.8		1.0	0.11
79-20-9	Methyl acetate	106		5.0	0.32
123-91-1	1,4-Dioxane	295		20	13
79-01-6	Trichloroethene	18.4		1.0	0.12
108-88-3	Toluene	18.1		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	16.7		1.0	0.10
108-10-1	4-Methyl-2-pentanone	95.5		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	16.4		1.0	0.14
95-50-1	1,2-Dichlorobenzene	18.5		1.0	0.10
541-73-1	1,3-Dichlorobenzene	17.7		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-212478/5

Matrix: Solid | Lab File ID: D367312.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/13/2014 19:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212478 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	17.2		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	17.9		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	18.2		1.0	0.16
78-87-5	1,2-Dichloropropane	19.0		1.0	0.15
108-87-2	Methylcyclohexane	19.5		1.0	0.10
127-18-4	Tetrachloroethene	17.5		1.0	0.12
1330-20-7	Xylenes, Total	36.5		2.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	17.9		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	19.1		1.0	0.090
79-00-5	1,1,2-Trichloroethane	17.3		1.0	0.14
124-48-1	Dibromochloromethane	16.1		1.0	0.10
106-93-4	1,2-Dibromoethane	17.7		1.0	0.15
75-71-8	Dichlorodifluoromethane	20.5		1.0	0.22
74-97-5	Bromochloromethane	18.9		1.0	0.11
75-27-4	Bromodichloromethane	17.6		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
460-00-4	Bromofluorobenzene	93		70-130
1868-53-7	Dibromofluoromethane (Surr)	92		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367312.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 13-Mar-2014 19:56:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0010833-005
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 18:28:28 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: starzecm Date: 13-Mar-2014 23:17:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.197	1.197	0.0	44	154876	20.5	
2 Chloromethane	50	1.275	1.275	0.0	75	161276	13.9	
149 Butadiene	54	1.332	1.332	0.0	82	131150	18.3	
4 Vinyl chloride	62	1.339	1.339	0.0	72	154860	18.2	
6 Bromomethane	94	1.532	1.532	0.0	93	81104	18.1	
7 Chloroethane	64	1.606	1.606	0.0	83	70378	18.3	
10 Pentane	72	1.660	1.660	0.0	91	38915	43.9	
8 Trichlorofluoromethane	101	1.677	1.677	0.0	40	122564	18.0	
9 Dichlorofluoromethane	67	1.725	1.725	0.0	85	165373	19.3	
14 2-Methyl-1,3-butadiene	67	1.850	1.850	0.0	97	142892	20.9	
13 Ethyl ether	59	1.860	1.860	0.0	49	39777	20.9	
18 1,1-Dichloroethene	96	1.985	1.985	0.0	71	77704	19.9	
21 Carbon disulfide	76	1.998	1.998	0.0	99	269751	18.6	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.053	2.053	0.0	85	92208	20.8	
20 Iodomethane	142	2.075	2.075	0.0	74	114978	19.6	
11 Ethanol	45	2.152	2.152	0.0	26	423	NC	
22 Cyclopentene	67	2.178	2.178	0.0	88	252555	20.6	
17 Acrolein	56	2.210	2.210	0.0	87	34727	232.0	
147 3-Chloro-1-propene	76	2.291	2.291	0.0	76	44874	18.1	
34 Isopropyl alcohol	45	2.355	2.355	0.0	14	25625	185.8	
25 Methylene Chloride	84	2.365	2.365	0.0	83	74127	20.1	
19 Acetone	43	2.413	2.413	0.0	79	54003	75.6	
29 trans-1,2-Dichloroethene	96	2.471	2.471	0.0	80	75596	19.1	
23 Methyl acetate	43	2.500	2.500	0.0	82	234976	105.6	
32 Hexane	57	2.529	2.529	0.0	95	167871	20.1	
27 Methyl tert-butyl ether	73	2.567	2.567	0.0	87	142431	21.5	
* 151 TBA-d9 (IS)	65	2.635	2.635	0.0	77	144339	1000.0	
26 2-Methyl-2-propanol	59	2.676	2.676	0.0	28	34372	156.5	
24 Acetonitrile	41	2.744	2.744	0.0	90	43929	211.2	
35 Isopropyl ether	45	2.844	2.844	0.0	97	230403	21.8	
33 2-Chloro-1,3-butadiene	88	2.889	2.889	0.0	17	71958	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
36 1,1-Dichloroethane	63	2.908	2.908	0.0	91	128896	19.3	
30 Acrylonitrile	53	2.959	2.959	0.0	91	110174	143.6	
40 Tert-butyl ethyl ether	59	3.111	3.111	0.0	80	180044	21.7	
37 Vinyl acetate	43	3.120	3.120	0.0	97	122226	32.2	
42 cis-1,2-Dichloroethene	96	3.320	3.320	0.0	83	64135	18.6	
41 2,2-Dichloropropane	77	3.416	3.416	0.0	81	112749	19.2	
46 Chlorobromomethane	128	3.474	3.474	0.0	45	22834	18.9	
49 Cyclohexane	56	3.477	3.477	0.0	90	167665	20.5	
47 Chloroform	83	3.551	3.551	0.0	79	96632	18.9	
51 Carbon tetrachloride	117	3.654	3.654	0.0	87	87904	17.9	
39 Methyl acrylate	55	3.673	3.673	0.0	54	23228	20.0	
45 Tetrahydrofuran	42	3.680	3.680	0.0	54	21629	37.1	
44 Ethyl acetate	70	3.689	3.689	0.0	40	6387	33.9	M
$ 152 Dibromofluoromethane (Surr)	113	3.699	3.699	0.0	89	89672	45.9	
50 1,1,1-Trichloroethane	97	3.712	3.712	0.0	87	102287	20.6	
52 1,1-Dichloropropene	75	3.808	3.808	0.0	85	89583	18.5	
43 2-Butanone (MEK)	72	3.821	3.821	0.0	57	19288	78.3	
53 Benzene	78	4.024	4.024	0.0	86	248242	18.2	
58 n-Heptane	57	4.027	4.027	0.0	42	71591	20.1	
48 Propionitrile	54	4.062	4.062	0.0	44	35113	228.5	
31 Methacrylonitrile	67	4.075	4.075	0.0	92	113214	219.6	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.146	4.146	0.0	86	84332	49.6	
142 Tert-amyl methyl ether	73	4.162	4.162	0.0	97	136142	21.7	
55 1,2-Dichloroethane	62	4.207	4.207	0.0	88	48972	20.2	
56 Isobutyl alcohol	43	4.326	4.326	0.0	74	14770	NC	
* 59 Fluorobenzene	96	4.410	4.410	0.0	77	443957	50.0	
60 2,4,4-Trimethyl-1-pentene	57	4.455	4.455	0.0	91	508189	40.9	
57 Isopropyl acetate	43	4.503	4.503	0.0	94	72222	19.9	
63 Methylcyclohexane	83	4.551	4.551	0.0	93	147522	19.5	
61 Trichloroethene	95	4.570	4.570	0.0	59	56756	18.4	
68 Dibromomethane	93	4.985	4.985	0.0	83	19513	18.5	
65 1,2-Dichloropropane	63	5.082	5.082	0.0	84	57084	19.0	
70 Dichlorobromomethane	83	5.172	5.172	0.0	91	51773	17.6	
64 Ethyl acrylate	55	5.175	5.175	0.0	59	26344	16.4	
* 150 1,4-Dioxane-d8	96	5.377	5.377	0.0	91	11353	1000.0	
66 Methyl methacrylate	100	5.384	5.384	0.0	86	14838	42.3	
67 1,4-Dioxane	88	5.400	5.400	0.0	35	5579	295.4	
62 n-Butanol	56	5.564	5.564	0.0	17	288	NC	
69 n-Propyl acetate	43	5.564	5.564	0.0	95	32928	19.3	
72 2-Chloroethyl vinyl ether	63	5.840	5.840	0.0	81	14323	18.0	
74 cis-1,3-Dichloropropene	75	5.869	5.869	0.0	87	62391	16.4	
$ 76 Toluene-d8 (Surr)	98	6.075	6.075	0.0	90	421748	45.9	
77 Toluene	91	6.133	6.133	0.0	89	244582	18.1	
73 Epichlorohydrin	57	6.172	6.172	0.0	96	38581	337.9	
71 2-Nitropropane	41	6.413	6.413	0.0	87	10835	39.5	
80 Tetrachloroethene	166	6.577	6.577	0.0	87	53097	17.5	
75 4-Methyl-2-pentanone (MIBK)	43	6.635	6.635	0.0	95	130180	95.5	
78 trans-1,3-Dichloropropene	75	6.667	6.667	0.0	86	41887	16.7	
79 1,1,2-Trichloroethane	83	6.840	6.840	0.0	86	24060	17.3	
82 Ethyl methacrylate	69	6.924	6.924	0.0	84	35869	17.3	
84 Chlorodibromomethane	129	7.024	7.024	0.0	93	26488	16.1	
81 1,3-Dichloropropane	76	7.133	7.133	0.0	82	49155	18.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
86 Ethylene Dibromide	107	7.245	7.245	0.0	95	23086	17.7	
85 n-Butyl acetate	73	7.512	7.512	0.0	1	6325	22.2	
83 2-Hexanone	43	7.570	7.570	0.0	97	83938	105.1	
* 87 Chlorobenzene-d5	117	7.776	7.776	0.0	87	265865	50.0	
88 Chlorobenzene	112	7.792	7.792	0.0	93	126661	17.3	
89 Ethylbenzene	106	7.847	7.847	0.0	86	84552	18.2	
90 1,1,1,2-Tetrachloroethane	131	7.866	7.866	0.0	83	39100	16.8	
91 m-Xylene & p-Xylene	106	7.988	7.988	0.0	96	102400	18.0	
92 o-Xylene	106	8.364	8.364	0.0	63	97816	18.5	
97 Bromoform	173	8.409	8.409	0.0	28	12395	15.9	
94 Styrene	104	8.416	8.416	0.0	86	141325	18.1	
93 n-Butyl acrylate	73	8.586	8.586	0.0	90	22969	20.7	
98 Isopropylbenzene	105	8.644	8.644	0.0	91	284763	18.8	
95 Camphene	41	8.715	8.715	0.0	91	28560	19.5	
96 Amyl acetate (mixed isomers)	43	8.808	8.808	0.0	59	54720	19.3	
$ 99 4-Bromofluorobenzene	174	8.856	8.856	0.0	75	88388	46.5	
100 Bromobenzene	156	8.924	8.924	0.0	90	45077	17.6	
102 N-Propylbenzene	91	8.985	8.985	0.0	98	353033	18.6	
101 1,1,2,2-Tetrachloroethane	83	9.056	9.056	0.0	91	35258	19.1	
143 4-Ethyltoluene	105	9.078	9.078	0.0	83	304913	19.3	
105 2-Chlorotoluene	91	9.081	9.081	0.0	76	212101	18.5	
103 1,2,3-Trichloropropane	110	9.139	9.139	0.0	70	8822	19.3	
106 1,3,5-Trimethylbenzene	105	9.152	9.152	0.0	81	222514	17.9	
104 trans-1,4-Dichloro-2-butene	53	9.191	9.191	0.0	1	8253	18.6	
107 4-Chlorotoluene	91	9.216	9.216	0.0	98	175713	18.3	
109 tert-Butylbenzene	119	9.387	9.387	0.0	74	176536	17.1	
108 Butyl Methacrylate	87	9.416	9.416	0.0	78	54457	19.5	
110 1,2,4-Trimethylbenzene	105	9.445	9.445	0.0	90	227401	18.3	
113 sec-Butylbenzene	105	9.522	9.522	0.0	95	321673	18.3	
114 4-Isopropyltoluene	119	9.641	9.641	0.0	78	260015	17.8	
115 1,3-Dichlorobenzene	146	9.663	9.663	0.0	86	103042	17.7	
* 116 1,4-Dichlorobenzene-d4	152	9.721	9.721	0.0	78	129296	50.0	
117 1,4-Dichlorobenzene	146	9.734	9.734	0.0	73	98899	17.2	
119 2,3-Dihydroindene	117	9.856	9.856	0.0	82	211516	19.7	
133 p-Diethylbenzene	119	9.911	9.911	0.0	64	170313	19.4	
118 Benzyl chloride	126	9.930	9.930	0.0	90	12201	17.5	
120 n-Butylbenzene	92	9.950	9.950	0.0	97	160422	19.5	
121 1,2-Dichlorobenzene	146	10.036	10.036	0.0	85	91538	18.5	
132 1,2,4,5-Tetramethylbenzene	119	10.490	10.490	0.0	84	223559	18.8	
122 1,2-Dibromo-3-Chloropropane	157	10.615	10.615	0.0	67	5077	17.9	
145 1,3,5-Trichlorobenzene	180	10.638	10.638	0.0	88	85184	18.9	
126 Hexachlorobutadiene	225	11.081	11.081	0.0	71	37098	17.1	
124 1,2,4-Trichlorobenzene	180	11.091	11.091	0.0	83	66396	17.9	
123 Camphor	95	11.287	11.287	0.0	83	15276	105.2	
127 Naphthalene	128	11.313	11.313	0.0	83	121477	18.0	
128 1,2,3-Trichlorobenzene	180	11.448	11.448	0.0	86	56916	18.2	
S 130 1,2-Dichloroethene, Total	100				0		37.6	
S 131 Xylenes, Total	100				0		36.5	
S 139 Total BTEX	1				0		91.1	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 14-Mar-2014 18:28:29 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140313-10833.b\D367312.D

Injection Date: 13-Mar-2014 19:56:30 Instrument ID: CVOAMS4 Operator ID:

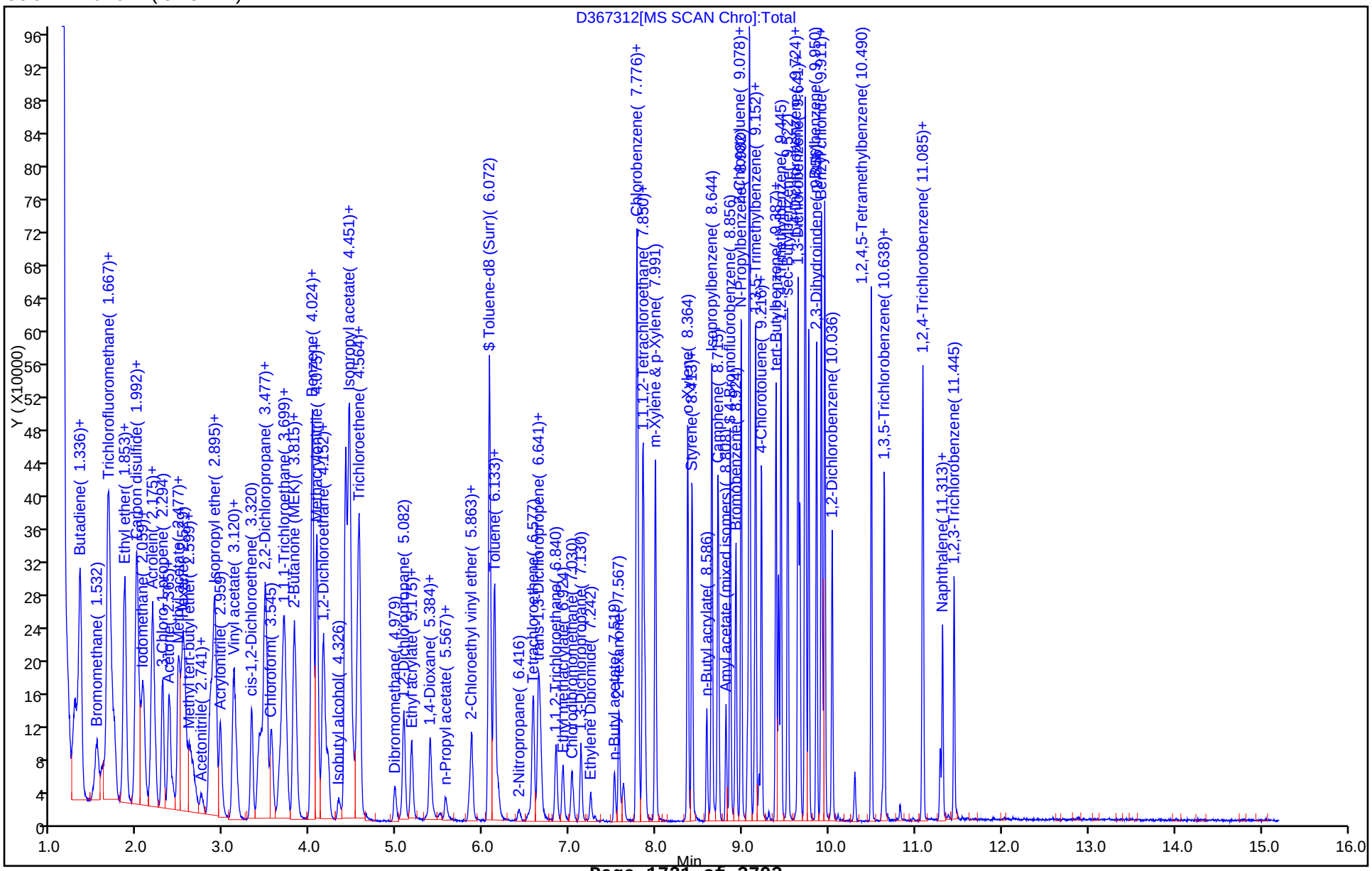
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-212576/4

Matrix: Solid Lab File ID: D367336.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/14/2014 07:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 212576 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	15.5		1.0	0.16
74-83-9	Bromomethane	19.1		1.0	0.43
75-01-4	Vinyl chloride	19.6		1.0	0.34
75-00-3	Chloroethane	18.6		1.0	0.33
75-09-2	Methylene Chloride	21.4		1.0	0.15
67-64-1	Acetone	93.5		5.0	1.7
75-15-0	Carbon disulfide	20.3		1.0	0.15
75-69-4	Trichlorofluoromethane	19.6		1.0	0.16
75-35-4	1,1-Dichloroethene	22.2		1.0	0.19
75-34-3	1,1-Dichloroethane	21.2		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	21.6		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	20.8		1.0	0.11
67-66-3	Chloroform	21.4		1.0	0.24
78-93-3	2-Butanone	82.3		5.0	0.63
107-06-2	1,2-Dichloroethane	22.4		1.0	0.18
71-55-6	1,1,1-Trichloroethane	22.5		1.0	0.13
56-23-5	Carbon tetrachloride	21.0		1.0	0.15
71-43-2	Benzene	21.3		1.0	0.15
75-25-2	Bromoform	18.0		1.0	0.17
100-42-5	Styrene	20.1		1.0	0.28
100-41-4	Ethylbenzene	20.2		1.0	0.17
108-90-7	Chlorobenzene	19.5		1.0	0.18
110-82-7	Cyclohexane	22.0		1.0	0.13
98-82-8	Isopropylbenzene	21.0		1.0	0.11
591-78-6	2-Hexanone	110		5.0	0.13
1634-04-4	MTBE	22.7		1.0	0.11
76-13-1	Freon TF	22.2		1.0	0.11
79-20-9	Methyl acetate	115		5.0	0.32
123-91-1	1,4-Dioxane	319		20	13
79-01-6	Trichloroethene	21.4		1.0	0.12
108-88-3	Toluene	20.5		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	18.8		1.0	0.10
108-10-1	4-Methyl-2-pentanone	101		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	18.9		1.0	0.14
95-50-1	1,2-Dichlorobenzene	20.5		1.0	0.10
541-73-1	1,3-Dichlorobenzene	19.4		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-212576/4

Matrix: Solid | Lab File ID: D367336.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/14/2014 07:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212576 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.0		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	19.5		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	19.3		1.0	0.16
78-87-5	1,2-Dichloropropane	21.2		1.0	0.15
108-87-2	Methylcyclohexane	20.9		1.0	0.10
127-18-4	Tetrachloroethene	19.9		1.0	0.12
1330-20-7	Xylenes, Total	40.3		2.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	17.2		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	20.1		1.0	0.090
79-00-5	1,1,2-Trichloroethane	18.7		1.0	0.14
124-48-1	Dibromochloromethane	17.6		1.0	0.10
106-93-4	1,2-Dibromoethane	20.2		1.0	0.15
75-71-8	Dichlorodifluoromethane	21.9		1.0	0.22
74-97-5	Bromochloromethane	21.0		1.0	0.11
75-27-4	Bromodichloromethane	20.1		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	Bromofluorobenzene	94		70-130
1868-53-7	Dibromofluoromethane (Surr)	94		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367336.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 14-Mar-2014 07:12:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0010860-004
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 14-Mar-2014 16:58:14 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: tupayachia Date: 14-Mar-2014 10:31:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.207	1.204	0.003	52	169202	21.9	
2 Chloromethane	50	1.284	1.287	-0.003	86	183816	15.5	
4 Vinyl chloride	62	1.352	1.345	0.007	81	169942	19.6	
149 Butadiene	54	1.348	1.348	0.0	87	151535	20.7	
6 Bromomethane	94	1.535	1.541	-0.006	94	87183	19.1	
7 Chloroethane	64	1.606	1.612	-0.006	47	73256	18.6	M
10 Pentane	72	1.670	1.683	-0.013	92	37461	41.3	
9 Dichlorofluoromethane	67	1.741	1.683	0.058	88	183514	21.0	
8 Trichlorofluoromethane	101	1.702	1.696	0.006	83	136737	19.6	
13 Ethyl ether	59	1.866	1.869	-0.003	40	45833	23.5	M
14 2-Methyl-1,3-butadiene	67	1.863	1.886	-0.023	98	146841	21.0	
18 1,1-Dichloroethene	96	1.995	1.991	0.004	87	88548	22.2	
21 Carbon disulfide	76	2.011	2.004	0.007	100	301754	20.3	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.053	2.049	0.004	83	100430	22.2	
20 Iodomethane	142	2.082	2.081	0.001	76	129257	21.6	
22 Cyclopentene	67	2.184	2.184	0.0	92	270562	21.6	
17 Acrolein	56	2.220	2.217	0.003	91	35261	230.4	
147 3-Chloro-1-propene	76	2.300	2.297	0.003	87	50186	19.8	
25 Methylene Chloride	84	2.377	2.374	0.003	85	80726	21.4	
19 Acetone	43	2.422	2.419	0.003	77	57483	93.5	
29 trans-1,2-Dichloroethene	96	2.483	2.480	0.003	82	87528	21.6	
23 Methyl acetate	43	2.506	2.509	-0.003	96	260600	114.5	
32 Hexane	57	2.541	2.541	0.0	95	193352	22.7	
27 Methyl tert-butyl ether	73	2.590	2.580	0.010	91	153688	22.7	
34 Isopropyl alcohol	45	2.374	2.628	-0.254	1	23818	200.6	
* 151 TBA-d9 (IS)	65	2.641	2.638	0.003	87	124259	1000.0	
26 2-Methyl-2-propanol	59	2.696	2.686	0.010	69	35565	188.2	
24 Acetonitrile	41	2.754	2.747	0.007	93	31523	176.5	
35 Isopropyl ether	45	2.850	2.856	-0.006	98	230598	21.4	
33 2-Chloro-1,3-butadiene	88	2.898	2.898	0.0	90	73688	20.3	
36 1,1-Dichloroethane	63	2.917	2.911	0.006	91	145404	21.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
30 Acrylonitrile	53	2.969	2.969	0.0	93	116065	175.7	
38 Allyl alcohol	57	3.126	3.114	0.012	49	61196	NC	
40 Tert-butyl ethyl ether	59	3.120	3.123	-0.003	83	182116	21.5	
37 Vinyl acetate	43	3.130	3.126	0.004	97	136269	35.1	
42 cis-1,2-Dichloroethene	96	3.332	3.329	0.003	88	73633	20.8	
41 2,2-Dichloropropane	77	3.416	3.413	0.003	82	125334	20.9	
46 Chlorobromomethane	128	3.483	3.477	0.006	82	25939	21.0	
49 Cyclohexane	56	3.493	3.487	0.006	92	183854	22.0	
47 Chloroform	83	3.561	3.557	0.004	87	112288	21.4	
51 Carbon tetrachloride	117	3.663	3.657	0.006	88	105350	21.0	
39 Methyl acrylate	55	3.686	3.680	0.006	58	20903	17.7	
$ 152 Dibromofluoromethane (Surr)	113	3.708	3.702	0.006	90	93977	47.1	
50 1,1,1-Trichloroethane	97	3.725	3.715	0.010	79	114476	22.5	
45 Tetrahydrofuran	42	3.692	3.808	-0.116	48	23927	40.2	
52 1,1-Dichloropropene	75	3.811	3.815	-0.004	91	102220	20.7	
43 2-Butanone (MEK)	72	3.824	3.831	-0.007	58	17452	82.3	
44 Ethyl acetate	70	3.683	3.840	-0.157	70	5051	31.2	
48 Propionitrile	54	4.075	4.008	0.067	44	31573	200.9	
58 n-Heptane	57	4.030	4.030	0.0	67	82943	22.7	
53 Benzene	78	4.030	4.030	0.0	97	288726	21.3	
31 Methacrylonitrile	67	4.085	4.152	-0.067	91	115729	219.5	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.155	4.152	0.003	90	85154	49.0	
142 Tert-amyl methyl ether	73	4.168	4.168	0.0	97	136795	21.3	
55 1,2-Dichloroethane	62	4.216	4.406	-0.190	87	55516	22.4	
* 59 Fluorobenzene	96	4.413	4.413	0.0	83	453968	50.0	
60 2,4,4-Trimethyl-1-pentene	57	4.461	4.454	0.007	90	530040	41.7	
57 Isopropyl acetate	43	4.506	4.509	-0.003	60	60052	16.2	
63 Methylcyclohexane	83	4.564	4.560	0.004	95	161750	20.9	
61 Trichloroethene	95	4.577	4.570	0.007	72	67564	21.4	
68 Dibromomethane	93	4.982	4.982	0.0	86	21616	20.0	
65 1,2-Dichloropropane	63	5.088	5.088	0.0	87	65402	21.2	
64 Ethyl acrylate	55	5.181	5.123	0.058	54	30478	18.6	
70 Dichlorobromomethane	83	5.171	5.181	-0.010	93	60420	20.1	
* 150 1,4-Dioxane-d8	96	5.387	5.374	0.013	90	10710	1000.0	
66 Methyl methacrylate	100	5.396	5.396	0.0	89	13825	38.5	
67 1,4-Dioxane	88	5.393	5.413	-0.020	22	5683	319.0	
69 n-Propyl acetate	43	5.567	5.567	0.0	95	33898	19.4	
72 2-Chloroethyl vinyl ether	63	5.840	5.840	0.0	89	14399	17.7	
74 cis-1,3-Dichloropropene	75	5.872	5.872	0.0	87	71511	18.9	
$ 76 Toluene-d8 (Surr)	98	6.078	6.075	0.003	89	417511	45.6	
77 Toluene	91	6.136	6.136	0.0	90	277668	20.5	
73 Epichlorohydrin	57	6.181	6.175	0.006	98	41902	367.9	
71 2-Nitropropane	41	6.413	6.419	-0.006	86	9261	32.8	
80 Tetrachloroethene	166	6.580	6.580	0.0	89	60141	19.9	
75 4-Methyl-2-pentanone (MIBK)	43	6.644	6.644	0.0	95	137860	101.4	
78 trans-1,3-Dichloropropene	75	6.670	6.667	0.003	93	47049	18.8	
79 1,1,2-Trichloroethane	83	6.847	6.847	0.0	92	25967	18.7	
82 Ethyl methacrylate	69	6.924	6.924	0.0	88	38773	18.3	
84 Chlorodibromomethane	129	7.030	7.027	0.003	89	28872	17.6	
81 1,3-Dichloropropane	76	7.136	7.136	0.0	88	53718	19.9	
86 Ethylene Dibromide	107	7.245	7.242	0.003	98	26200	20.2	
85 n-Butyl acetate	73	7.519	7.622	-0.103	97	5186	18.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
83 2-Hexanone	43	7.573	7.779	-0.206	95	87375	109.7	
* 87 Chlorobenzene-d5	117	7.779	7.779	0.0	88	265200	50.0	
88 Chlorobenzene	112	7.792	7.795	-0.003	92	142132	19.5	
89 Ethylbenzene	106	7.850	7.850	0.0	98	93507	20.2	
90 1,1,1,2-Tetrachloroethane	131	7.872	7.872	0.0	85	43108	18.6	
91 m-Xylene & p-Xylene	106	7.994	7.994	0.0	97	112770	19.9	
92 o-Xylene	106	8.367	8.367	0.0	90	107679	20.4	
97 Bromoform	173	8.412	8.412	0.0	38	13924	18.0	
94 Styrene	104	8.419	8.419	0.0	90	156740	20.1	
95 Camphene	41	8.721	8.467	0.254	91	30646	21.0	
93 n-Butyl acrylate	73	8.586	8.593	-0.007	94	21666	19.5	
98 Isopropylbenzene	105	8.647	8.647	0.0	93	317626	21.0	
96 Amyl acetate (mixed isomers)	43	8.808	8.808	0.0	92	52114	18.8	
$ 99 4-Bromofluorobenzene	174	8.859	8.860	-0.001	74	86972	46.8	
100 Bromobenzene	156	8.924	8.924	0.0	87	49218	19.7	
102 N-Propylbenzene	91	8.985	8.985	0.0	97	386993	20.9	
101 1,1,2,2-Tetrachloroethane	83	9.059	9.059	0.0	78	36336	20.1	
143 4-Ethyltoluene	105	9.081	9.078	0.003	86	305855	19.8	
105 2-Chlorotoluene	91	9.084	9.084	0.0	85	233365	20.9	
103 1,2,3-Trichloropropane	110	9.136	9.136	0.0	88	8939	20.0	
106 1,3,5-Trimethylbenzene	105	9.155	9.152	0.003	89	252245	20.7	
104 trans-1,4-Dichloro-2-butene	53	9.194	9.152	0.042	57	8694	20.1	
107 4-Chlorotoluene	91	9.219	9.219	0.0	99	193469	20.6	
109 tert-Butylbenzene	119	9.390	9.387	0.003	87	201694	20.0	
108 Butyl Methacrylate	87	9.419	9.419	0.0	89	51565	18.9	
110 1,2,4-Trimethylbenzene	105	9.448	9.445	0.003	90	250975	20.7	
113 sec-Butylbenzene	105	9.525	9.525	0.0	94	361380	21.1	
114 4-Isopropyltoluene	119	9.644	9.641	0.003	81	288928	20.3	
* 116 1,4-Dichlorobenzene-d4	152	9.724	9.724	0.0	87	126315	50.0	
115 1,3-Dichlorobenzene	146	9.666	9.734	-0.068	88	110491	19.4	
117 1,4-Dichlorobenzene	146	9.734	9.734	0.0	80	106642	19.0	
119 2,3-Dihydroindene	117	9.856	9.859	-0.003	83	209570	19.1	
133 p-Diethylbenzene	119	9.911	9.914	-0.003	84	172087	20.1	
118 Benzyl chloride	126	9.930	9.927	0.003	93	10440	15.3	
120 n-Butylbenzene	92	9.953	9.953	0.0	98	169969	21.2	
121 1,2-Dichlorobenzene	146	10.039	10.040	-0.001	85	99156	20.5	
132 1,2,4,5-Tetramethylbenzene	119	10.493	10.493	0.0	84	223114	19.2	
122 1,2-Dibromo-3-Chloropropane	157	10.618	10.618	0.0	36	4771	17.2	
145 1,3,5-Trichlorobenzene	180	10.641	10.638	0.003	89	83953	19.1	
126 Hexachlorobutadiene	225	11.084	11.081	0.003	77	39806	18.8	
124 1,2,4-Trichlorobenzene	180	11.091	11.088	0.003	82	70692	19.5	
123 Camphor	95	11.290	11.290	0.0	90	13894	97.9	
127 Naphthalene	128	11.313	11.316	-0.003	83	127085	19.2	
128 1,2,3-Trichlorobenzene	180	11.448	11.448	0.0	84	58767	19.3	
S 131 Xylenes, Total	100				0		40.3	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 14-Mar-2014 16:59:14 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367336.D

Injection Date: 14-Mar-2014 07:12:30 Instrument ID: CVOAMS4 Operator ID:

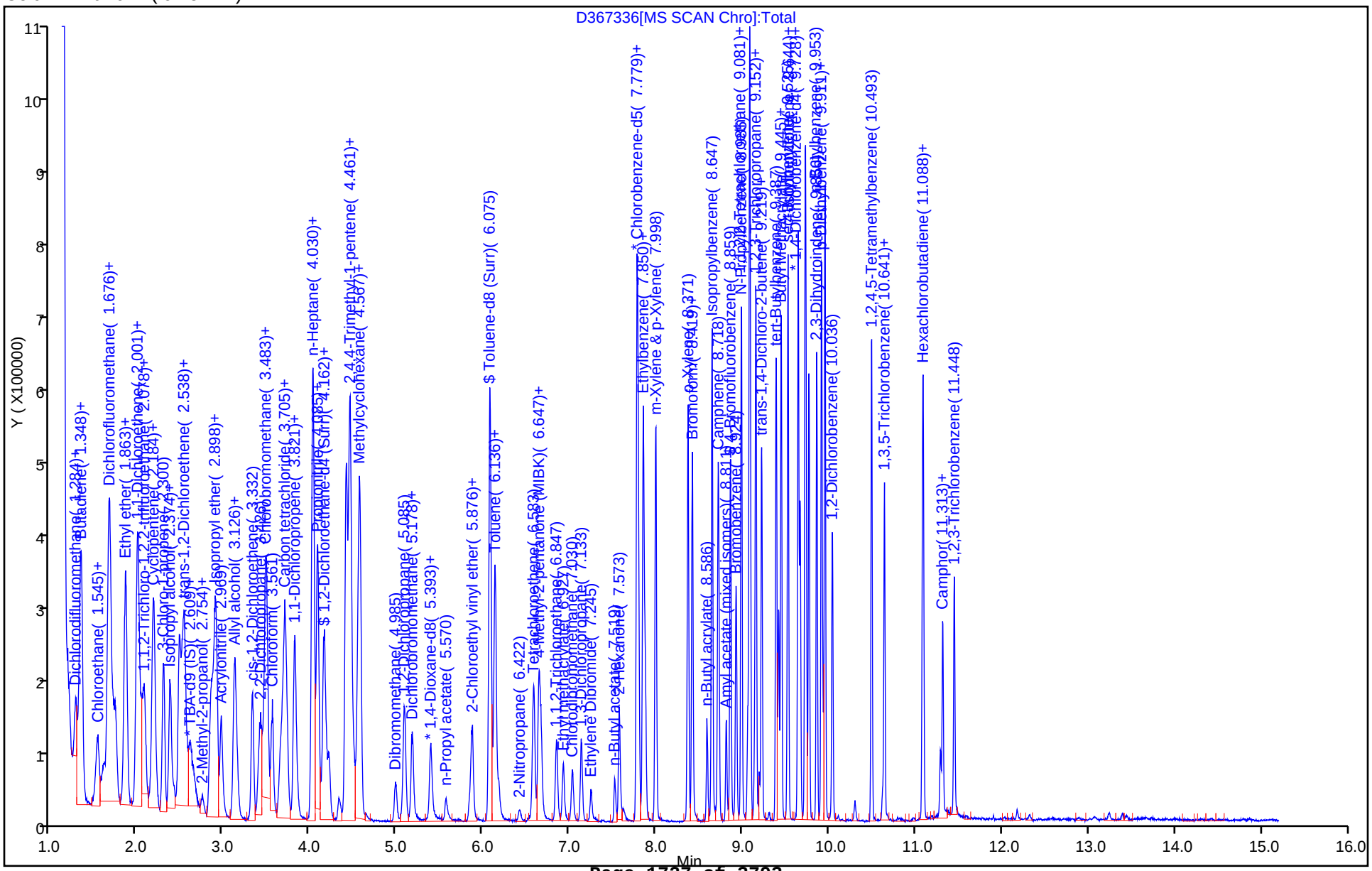
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

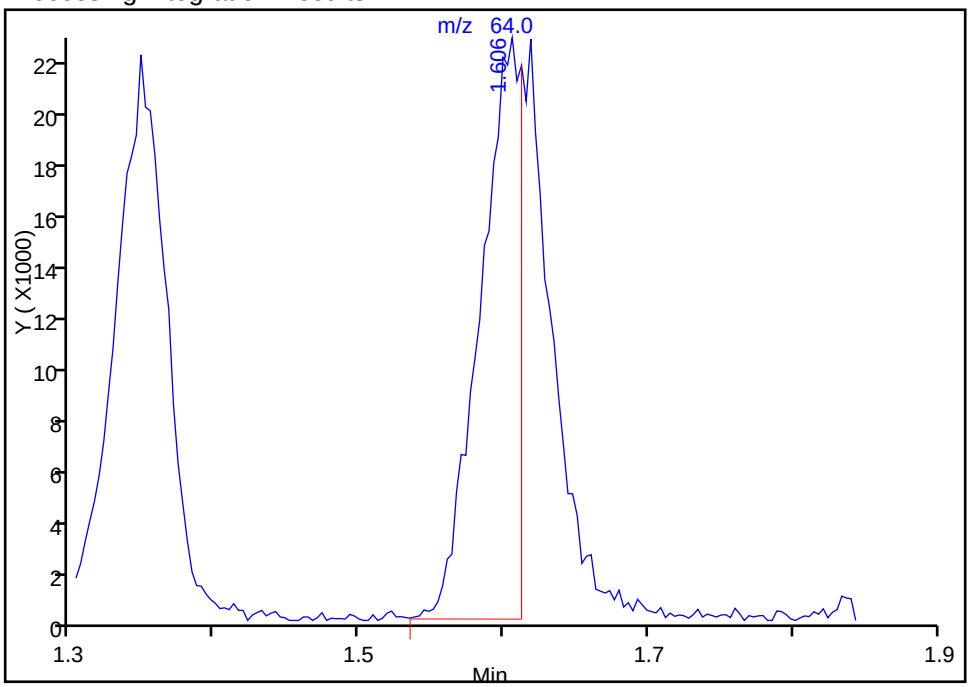
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140314-10860.b\D367336.D
Injection Date: 14-Mar-2014 07:12:30 Instrument ID: CVOAMS4
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Chloroethane, CAS: 75-00-3

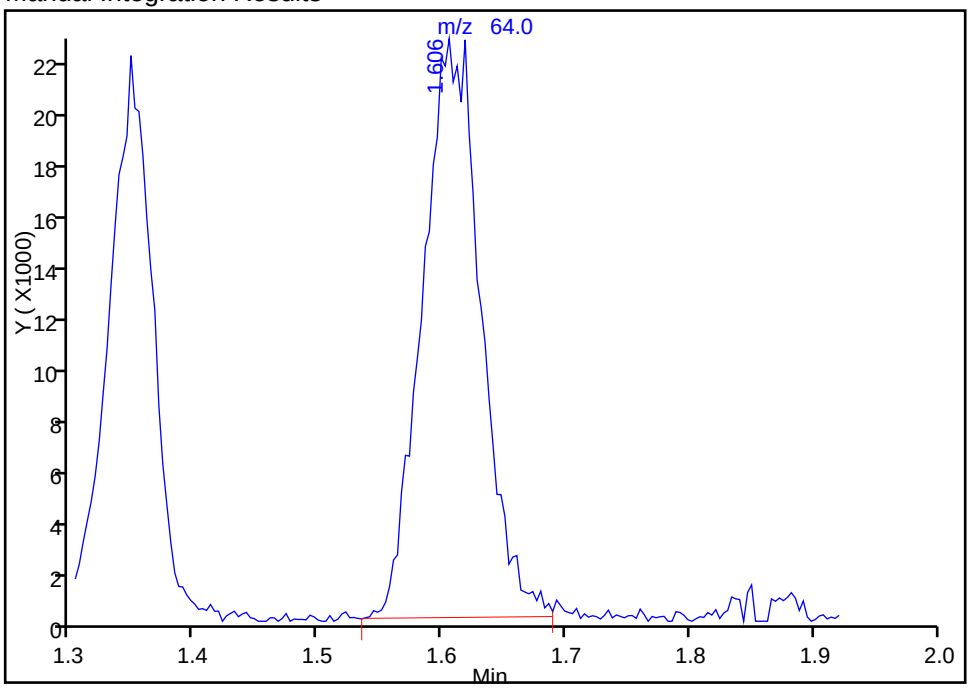
Processing Integration Results

RT: 1.61
Response: 43988
Amount: 11.160911



Manual Integration Results

RT: 1.61
Response: 73256
Amount: 18.631812



Reviewer: baronm, 14-Mar-2014 16:47:25
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-212899/4

Matrix: Solid Lab File ID: D367420.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/16/2014 07:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 212899 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	13.0		1.0	0.16
74-83-9	Bromomethane	19.2		1.0	0.43
75-01-4	Vinyl chloride	17.3		1.0	0.34
75-00-3	Chloroethane	15.7		1.0	0.33
75-09-2	Methylene Chloride	21.9		1.0	0.15
67-64-1	Acetone	80.8		5.0	1.7
75-15-0	Carbon disulfide	17.2		1.0	0.15
75-69-4	Trichlorofluoromethane	22.6		1.0	0.16
75-35-4	1,1-Dichloroethene	20.3		1.0	0.19
75-34-3	1,1-Dichloroethane	19.9		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	23.3		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	22.6		1.0	0.11
67-66-3	Chloroform	22.5		1.0	0.24
78-93-3	2-Butanone	103		5.0	0.63
107-06-2	1,2-Dichloroethane	22.8		1.0	0.18
71-55-6	1,1,1-Trichloroethane	24.6		1.0	0.13
56-23-5	Carbon tetrachloride	22.6		1.0	0.15
71-43-2	Benzene	19.3		1.0	0.15
75-25-2	Bromoform	22.9		1.0	0.17
100-42-5	Styrene	20.2		1.0	0.28
100-41-4	Ethylbenzene	20.5		1.0	0.17
108-90-7	Chlorobenzene	20.7		1.0	0.18
110-82-7	Cyclohexane	19.2		1.0	0.13
98-82-8	Isopropylbenzene	21.4		1.0	0.11
591-78-6	2-Hexanone	72.8		5.0	0.13
1634-04-4	MTBE	21.9		1.0	0.11
76-13-1	Freon TF	21.4		1.0	0.11
79-20-9	Methyl acetate	87.5		5.0	0.32
123-91-1	1,4-Dioxane	386		20	13
79-01-6	Trichloroethene	23.5		1.0	0.12
108-88-3	Toluene	20.3		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	17.5		1.0	0.10
108-10-1	4-Methyl-2-pentanone	70.3		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	17.3		1.0	0.14
95-50-1	1,2-Dichlorobenzene	21.2		1.0	0.10
541-73-1	1,3-Dichlorobenzene	20.5		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-212899/4

Matrix: Solid | Lab File ID: D367420.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/16/2014 07:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212899 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.9		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	21.7		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	21.5		1.0	0.16
78-87-5	1,2-Dichloropropane	18.1		1.0	0.15
108-87-2	Methylcyclohexane	22.4		1.0	0.10
127-18-4	Tetrachloroethene	24.9		1.0	0.12
1330-20-7	Xylenes, Total	40.9		2.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	19.2		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	16.2		1.0	0.090
79-00-5	1,1,2-Trichloroethane	18.0		1.0	0.14
124-48-1	Dibromochloromethane	20.5		1.0	0.10
106-93-4	1,2-Dibromoethane	19.9		1.0	0.15
75-71-8	Dichlorodifluoromethane	24.6		1.0	0.22
74-97-5	Bromochloromethane	25.5		1.0	0.11
75-27-4	Bromodichloromethane	21.3		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
460-00-4	Bromofluorobenzene	100		70-130
1868-53-7	Dibromofluoromethane (Surr)	107		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367420.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 16-Mar-2014 07:22:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0010932-004
Operator ID: Instrument ID: CVOAMS4

Method: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\8260S_4.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 17-Mar-2014 09:02:15 Calib Date: 12-Mar-2014 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20140312-10780.b\D367278.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK005

First Level Reviewer: delpolitov Date: 17-Mar-2014 09:02:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.197	1.204	-0.007	87	273870	24.6	
2 Chloromethane	50	1.284	1.278	0.006	86	223083	13.0	M
149 Butadiene	54	1.345	1.339	0.006	82	173817	16.5	
4 Vinyl chloride	62	1.349	1.348	0.001	81	217272	17.3	
6 Bromomethane	94	1.541	1.535	0.006	91	126360	19.2	
7 Chloroethane	64	1.606	1.606	0.0	53	89123	15.7	
10 Pentane	72	1.673	1.670	0.003	92	41559	31.8	
8 Trichlorofluoromethane	101	1.686	1.693	-0.006	75	227579	22.6	
9 Dichlorofluoromethane	67	1.741	1.738	0.003	89	253927	20.1	
14 2-Methyl-1,3-butadiene	67	1.853	1.850	0.003	98	173417	17.2	
13 Ethyl ether	59	1.873	1.866	0.007	59	48808	17.4	
18 1,1-Dichloroethene	96	1.988	1.992	-0.004	88	116974	20.3	
21 Carbon disulfide	76	2.008	2.008	0.0	99	368715	17.2	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.056	2.053	0.003	91	139364	21.4	
20 Iodomethane	142	2.078	2.075	0.003	96	198182	22.9	
11 Ethanol	45	2.136	2.130	0.006	79	206	NC	
22 Cyclopentene	67	2.185	2.184	0.001	91	319518	17.7	
17 Acrolein	56	2.210	2.217	-0.007	27	26856	121.7	
147 3-Chloro-1-propene	76	2.294	2.303	-0.009	80	70871	19.4	
34 Isopropyl alcohol	45	2.361	2.358	0.003	5	24885	175.6	M
25 Methylene Chloride	84	2.374	2.374	0.0	78	119354	21.9	
19 Acetone	43	2.416	2.422	-0.006	77	59281	80.8	
29 trans-1,2-Dichloroethene	96	2.484	2.480	0.004	77	136332	23.3	
23 Methyl acetate	43	2.512	2.509	0.003	96	287292	87.5	
32 Hexane	57	2.541	2.541	0.0	92	234101	19.1	
27 Methyl tert-butyl ether	73	2.596	2.580	0.016	89	213422	21.9	
* 151 TBA-d9 (IS)	65	2.641	2.631	0.010	88	148322	1000.0	
26 2-Methyl-2-propanol	59	2.670	2.667	0.003	32	45288	200.8	
24 Acetonitrile	41	2.750	2.747	0.003	88	38877	182.3	
35 Isopropyl ether	45	2.850	2.850	0.0	94	247210	15.9	
33 2-Chloro-1,3-butadiene	88	2.895	2.895	0.0	88	114778	21.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
36 1,1-Dichloroethane	63	2.914	2.918	-0.004	89	196821	19.9	
30 Acrylonitrile	53	2.966	2.969	-0.003	94	132506	168.0	
40 Tert-butyl ethyl ether	59	3.117	3.123	-0.006	86	232000	19.0	
37 Vinyl acetate	43	3.123	3.127	-0.004	96	149712	26.7	
42 cis-1,2-Dichloroethene	96	3.329	3.323	0.006	89	115010	22.6	
41 2,2-Dichloropropane	77	3.426	3.416	0.010	86	183933	21.3	
46 Chlorobromomethane	128	3.480	3.487	-0.007	73	45410	25.5	
49 Cyclohexane	56	3.490	3.487	0.003	81	231574	19.2	
38 Allyl alcohol	57	3.561	3.573	-0.012	15	942	NC	
47 Chloroform	83	3.554	3.557	-0.003	85	170136	22.5	
51 Carbon tetrachloride	117	3.667	3.660	0.007	88	163205	22.6	
39 Methyl acrylate	55	3.689	3.680	0.009	46	25196	14.8	
45 Tetrahydrofuran	42	3.683	3.683	0.0	53	25538	29.8	
44 Ethyl acetate	70	3.689	3.683	0.006	71	7292	37.7	
$ 152 Dibromofluoromethane (Surr)	113	3.705	3.705	0.0	92	153859	53.5	
50 1,1,1-Trichloroethane	97	3.718	3.718	0.0	89	180243	24.6	
52 1,1-Dichloropropene	75	3.815	3.811	0.004	91	146065	20.5	
43 2-Butanone (MEK)	72	3.821	3.821	0.0	49	26156	103.3	
53 Benzene	78	4.030	4.027	0.003	96	407926	19.3	
58 n-Heptane	57	4.030	4.024	0.006	63	104540	19.9	
48 Propionitrile	54	4.072	4.078	-0.006	43	40798	180.1	
31 Methacrylonitrile	67	4.082	4.085	-0.003	87	155364	204.4	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.149	4.149	0.0	96	128534	51.3	
142 Tert-amyl methyl ether	73	4.172	4.172	0.0	98	188533	20.4	
55 1,2-Dichloroethane	62	4.217	4.213	0.004	89	81624	22.8	
56 Isobutyl alcohol	43	4.336	4.335	0.001	90	15796	NC	
* 59 Fluorobenzene	96	4.416	4.413	0.003	84	654622	50.0	
60 2,4,4-Trimethyl-1-pentene	57	4.458	4.454	0.004	91	654628	35.7	
57 Isopropyl acetate	43	4.509	4.509	0.0	61	67524	12.6	
63 Methylcyclohexane	83	4.564	4.557	0.007	89	250147	22.4	
61 Trichloroethene	95	4.573	4.573	0.0	64	106647	23.5	
68 Dibromomethane	93	4.982	4.982	0.0	88	34635	22.3	
65 1,2-Dichloropropane	63	5.088	5.085	0.003	91	80326	18.1	
70 Dichlorobromomethane	83	5.175	5.178	-0.003	94	92679	21.3	
64 Ethyl acrylate	55	5.181	5.181	0.0	47	36909	15.6	
* 150 1,4-Dioxane-d8	96	5.377	5.374	0.003	82	14811	1000.0	
66 Methyl methacrylate	100	5.390	5.397	-0.007	81	22790	44.1	
67 1,4-Dioxane	88	5.397	5.409	-0.012	20	9500	385.6	
62 n-Butanol	56	5.503	5.557	-0.054	40	170	NC	
69 n-Propyl acetate	43	5.570	5.567	0.003	93	31806	12.7	
72 2-Chloroethyl vinyl ether	63	5.840	5.847	-0.007	88	19704	16.8	
74 cis-1,3-Dichloropropene	75	5.866	5.869	-0.003	90	102152	17.3	
$ 76 Toluene-d8 (Surr)	98	6.075	6.078	-0.003	90	655728	45.9	
77 Toluene	91	6.136	6.133	0.003	90	426703	20.3	
73 Epichlorohydrin	57	6.175	6.175	0.0	97	53131	299.5	
71 2-Nitropropane	41	6.413	6.416	-0.003	93	12082	29.5	
80 Tetrachloroethene	166	6.580	6.583	-0.003	91	117218	24.9	
75 4-Methyl-2-pentanone (MIBK)	43	6.644	6.641	0.003	93	148868	70.3	
78 trans-1,3-Dichloropropene	75	6.667	6.663	0.004	92	68235	17.5	
79 1,1,2-Trichloroethane	83	6.847	6.847	0.0	90	39017	18.0	
82 Ethyl methacrylate	69	6.924	6.927	-0.003	88	50019	16.3	
84 Chlorodibromomethane	129	7.030	7.033	-0.003	89	52463	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
81 1,3-Dichloropropane	76	7.136	7.136	0.0	87	77508	18.5	
86 Ethylene Dibromide	107	7.249	7.249	0.0	98	40191	19.9	
85 n-Butyl acetate	73	7.519	7.515	0.004	94	7324	16.5	
83 2-Hexanone	43	7.570	7.570	0.0	93	90333	72.8	
* 87 Chlorobenzene-d5	117	7.779	7.779	0.0	84	413138	50.0	
88 Chlorobenzene	112	7.792	7.792	0.0	96	234324	20.7	
89 Ethylbenzene	106	7.850	7.850	0.0	90	147882	20.5	
90 1,1,1,2-Tetrachloroethane	131	7.876	7.872	0.004	83	76531	21.2	
91 m-Xylene & p-Xylene	106	7.991	7.995	-0.003	96	181653	20.6	
92 o-Xylene	106	8.368	8.367	0.001	90	166929	20.3	
97 Bromoform	173	8.413	8.412	0.001	59	27722	22.9	
94 Styrene	104	8.419	8.416	0.003	89	244983	20.2	
93 n-Butyl acrylate	73	8.589	8.586	0.003	98	27284	15.8	
98 Isopropylbenzene	105	8.647	8.644	0.003	95	504869	21.4	
95 Camphene	41	8.718	8.721	-0.003	88	37065	16.3	
96 Amyl acetate (mixed isomers)	43	8.811	8.808	0.003	92	57229	11.9	
$ 99 4-Bromofluorobenzene	174	8.859	8.859	0.0	83	160747	49.9	
100 Bromobenzene	156	8.927	8.924	0.003	89	93332	21.5	
102 N-Propylbenzene	91	8.985	8.985	0.0	98	591228	18.4	
101 1,1,2,2-Tetrachloroethane	83	9.059	9.056	0.003	79	50637	16.2	
143 4-Ethyltoluene	105	9.078	9.078	0.0	86	496685	18.6	
105 2-Chlorotoluene	91	9.085	9.084	0.001	84	368769	19.0	
103 1,2,3-Trichloropropane	110	9.139	9.139	0.0	80	14899	19.3	
106 1,3,5-Trimethylbenzene	105	9.152	9.152	0.0	89	406044	19.2	
104 trans-1,4-Dichloro-2-butene	53	9.191	9.191	0.0	60	12392	16.5	
107 4-Chlorotoluene	91	9.220	9.220	0.0	97	300069	18.5	
109 tert-Butylbenzene	119	9.387	9.387	0.0	88	342794	19.6	
108 Butyl Methacrylate	87	9.416	9.416	0.0	86	73164	15.4	
110 1,2,4-Trimethylbenzene	105	9.445	9.445	0.0	89	404251	19.2	
113 sec-Butylbenzene	105	9.525	9.525	0.0	94	573255	19.3	
114 4-Isopropyltoluene	119	9.644	9.644	0.0	90	483843	19.6	
115 1,3-Dichlorobenzene	146	9.663	9.663	0.0	81	202371	20.5	
* 116 1,4-Dichlorobenzene-d4	152	9.724	9.724	0.0	85	219192	50.0	
117 1,4-Dichlorobenzene	146	9.734	9.734	0.0	83	193126	19.9	
119 2,3-Dihydroindene	117	9.856	9.856	0.0	83	346650	21.9	
133 p-Diethylbenzene	119	9.911	9.911	0.0	85	285326	19.2	
118 Benzyl chloride	126	9.930	9.927	0.003	56	18505	15.6	
120 n-Butylbenzene	92	9.953	9.949	0.004	98	263084	18.9	
121 1,2-Dichlorobenzene	146	10.040	10.036	0.004	88	178019	21.2	
132 1,2,4,5-Tetramethylbenzene	119	10.493	10.493	0.0	95	372143	18.4	
122 1,2-Dibromo-3-Chloropropane	157	10.615	10.615	0.0	64	9230	19.2	
145 1,3,5-Trichlorobenzene	180	10.641	10.637	0.004	89	161732	21.2	
126 Hexachlorobutadiene	225	11.081	11.081	0.0	86	88611	24.1	
124 1,2,4-Trichlorobenzene	180	11.091	11.091	0.0	90	136351	21.7	
123 Camphor	95	11.287	11.287	0.0	82	20039	81.4	
127 Naphthalene	128	11.316	11.316	0.0	83	215619	18.8	
128 1,2,3-Trichlorobenzene	180	11.448	11.448	0.0	87	113576	21.5	
S 131 Xylenes, Total	100				0		40.9	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 17-Mar-2014 09:02:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367420.D

Injection Date: 16-Mar-2014 07:22:30 Instrument ID: CVOAMS4 Operator ID:

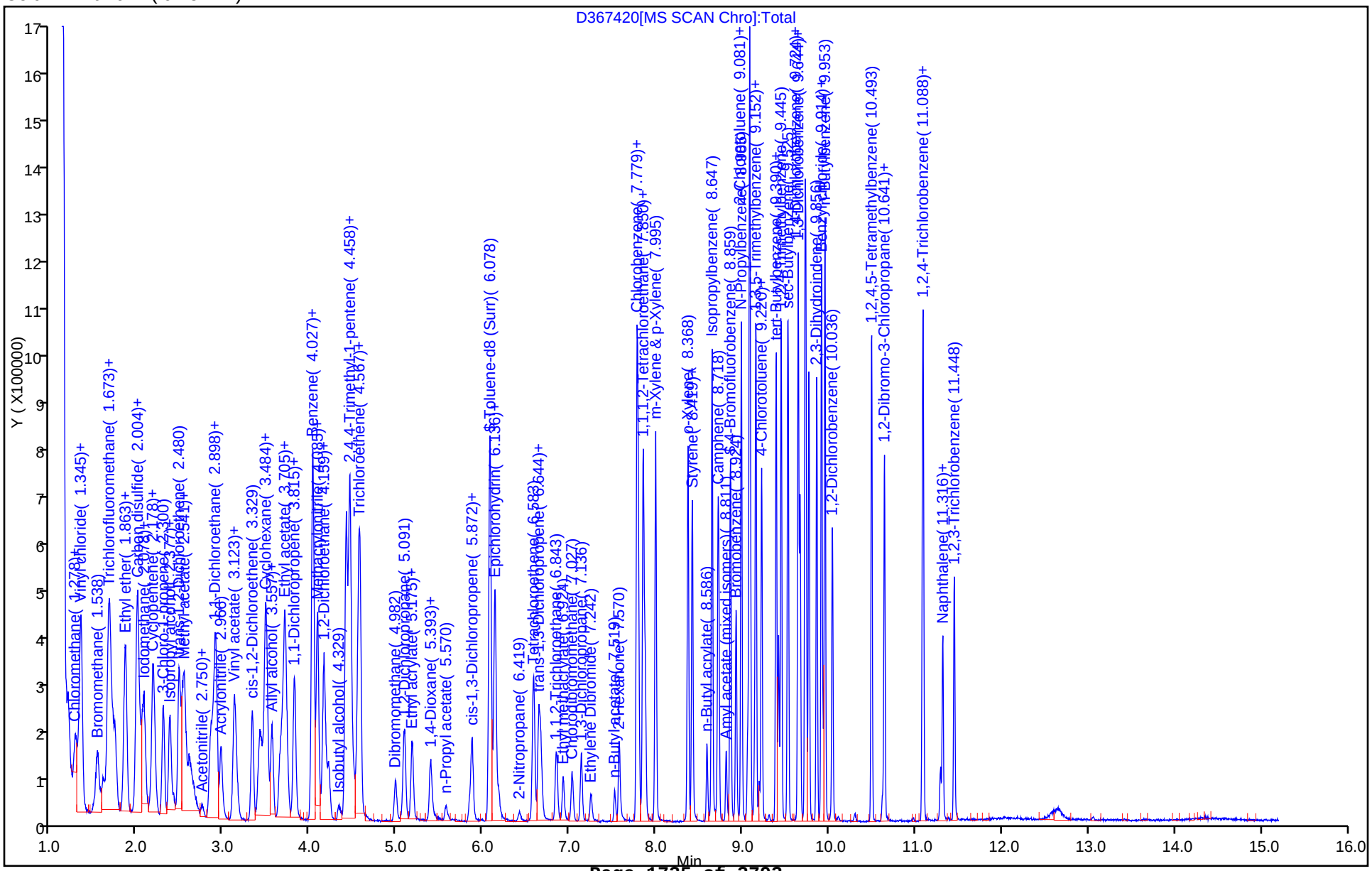
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

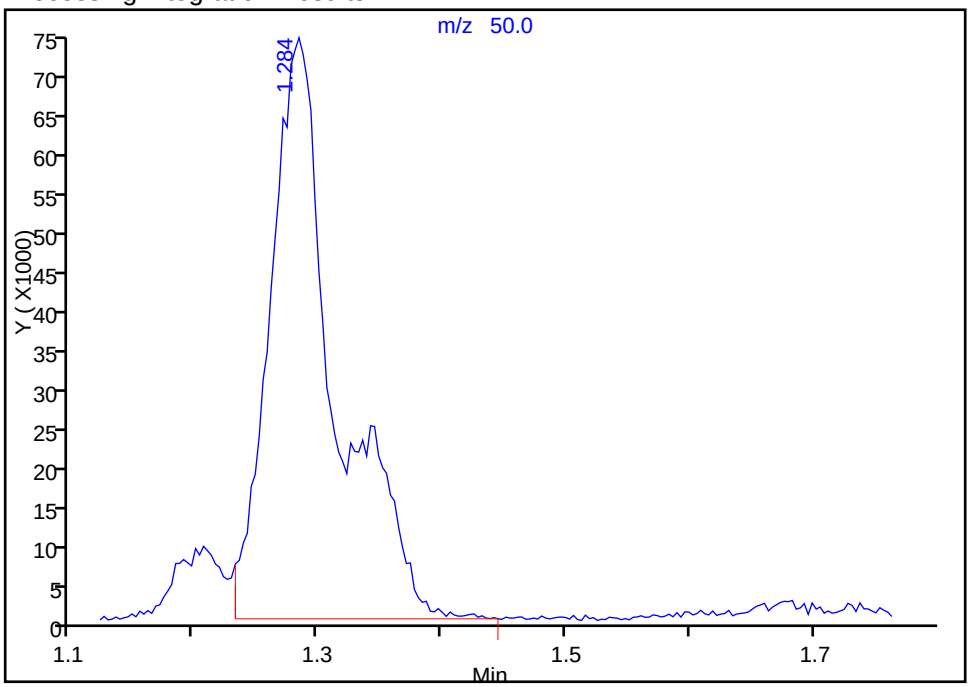
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20140316-10932.b\D367420.D
Injection Date: 16-Mar-2014 07:22:30 Instrument ID: CVOAMS4
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260B Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

2 Chloromethane, CAS: 74-87-3

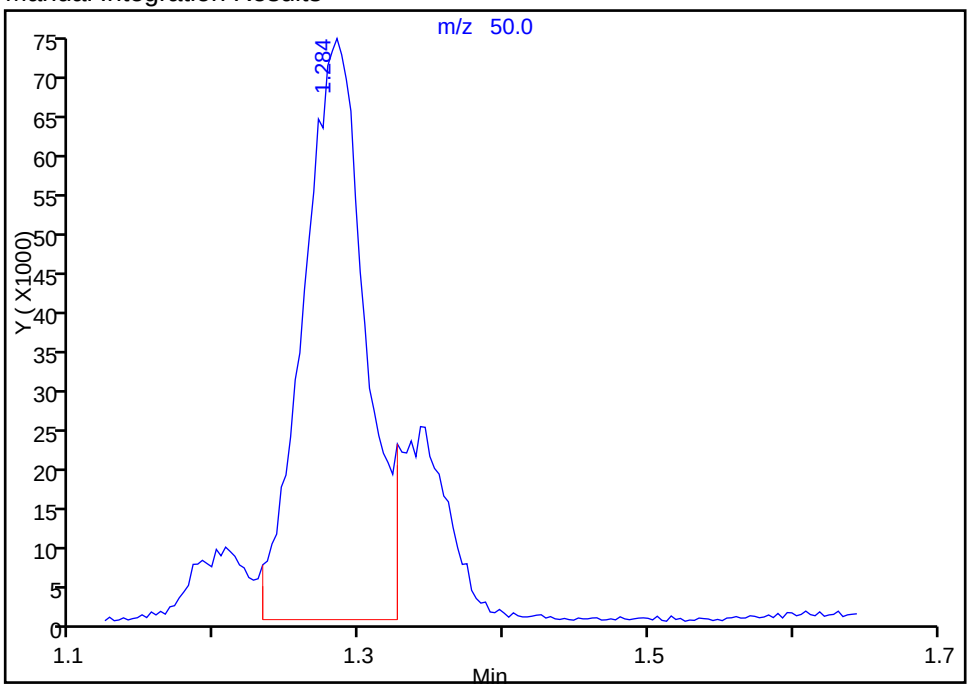
Processing Integration Results

RT: 1.28
Response: 277269
Amount: 16.241131



Manual Integration Results

RT: 1.28
Response: 223083
Amount: 13.048727



Reviewer: delpolitov, 17-Mar-2014 09:02:15
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-212905/4

Matrix: Solid Lab File ID: J10064.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/16/2014 07:40

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 212905 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	813		50	4.8
74-83-9	Bromomethane	891		50	9.1
75-01-4	Vinyl chloride	918		50	7.2
75-00-3	Chloroethane	1210		50	8.5
75-09-2	Methylene Chloride	1060		50	9.1
67-64-1	Acetone	5610		250	130
75-15-0	Carbon disulfide	1080		50	6.3
75-69-4	Trichlorofluoromethane	913		50	7.3
75-35-4	1,1-Dichloroethene	1030		50	4.4
75-34-3	1,1-Dichloroethane	1050		50	6.5
156-60-5	trans-1,2-Dichloroethene	1080		50	6.4
156-59-2	cis-1,2-Dichloroethene	1040		50	8.9
67-66-3	Chloroform	1050		50	3.9
78-93-3	2-Butanone	6080		250	120
107-06-2	1,2-Dichloroethane	1040		50	9.5
71-55-6	1,1,1-Trichloroethane	1050		50	3.1
56-23-5	Carbon tetrachloride	890		50	2.9
71-43-2	Benzene	1040		50	4.1
75-25-2	Bromoform	843		50	9.6
100-42-5	Styrene	1010		50	5.9
100-41-4	Ethylbenzene	965		50	4.8
108-90-7	Chlorobenzene	1010		50	5.5
110-82-7	Cyclohexane	896		50	7.9
98-82-8	Isopropylbenzene	1010		50	3.8
591-78-6	2-Hexanone	6270		250	25
1634-04-4	MTBE	987		50	6.9
76-13-1	Freon TF	949		50	4.1
79-20-9	Methyl acetate	4880		250	17
123-91-1	1,4-Dioxane	24700		2500	1800
79-01-6	Trichloroethene	1070		50	4.6
108-88-3	Toluene	1040		50	7.5
10061-02-6	trans-1,3-Dichloropropene	1020		50	12
108-10-1	4-Methyl-2-pentanone	4790		250	49
10061-01-5	cis-1,3-Dichloropropene	993		50	9.2
95-50-1	1,2-Dichlorobenzene	1010		50	10
541-73-1	1,3-Dichlorobenzene	1000		50	6.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-212905/4

Matrix: Solid | Lab File ID: J10064.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/16/2014 07:40

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 212905 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1000		50	12
120-82-1	1,2,4-Trichlorobenzene	1000		50	17
87-61-6	1,2,3-Trichlorobenzene	1010		50	26
78-87-5	1,2-Dichloropropane	1060		50	4.3
108-87-2	Methylcyclohexane	848		50	6.8
127-18-4	Tetrachloroethene	1080		50	4.9
1330-20-7	Xylenes, Total	2000		100	18
96-12-8	1,2-Dibromo-3-Chloropropane	836		50	20
79-34-5	1,1,2,2-Tetrachloroethane	1040		50	7.9
79-00-5	1,1,2-Trichloroethane	978		50	9.4
124-48-1	Dibromochloromethane	911		50	10
106-93-4	1,2-Dibromoethane	976		50	14
75-71-8	Dichlorodifluoromethane	766		50	11
74-97-5	Bromochloromethane	1070		50	14
75-27-4	Bromodichloromethane	1000		50	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		75-135
2037-26-5	Toluene-d8 (Surr)	98		59-150
460-00-4	Bromofluorobenzene	97		72-133
1868-53-7	Dibromofluoromethane (Surr)	101		70-130

Report Date: 17-Mar-2014 09:41:04 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10064.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 16-Mar-2014 07:40:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCSD
Misc. Info.: 460-0010935-004
Operator ID: Instrument ID: CVOAMS8

Method: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\8260_W8.m
Limit Group: VOA - 8260B Water and Solid
Last Update: 17-Mar-2014 09:41:03 Calib Date: 09-Mar-2014 13:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09770.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK008

First Level Reviewer: manlangitf Date: 17-Mar-2014 09:00:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.476	1.477	0.0	99	78496	15.3	
2 Chloromethane	50	1.646	1.647	-0.001	100	96467	16.3	
4 Vinyl chloride	62	1.735	1.735	0.0	94	79320	18.4	
149 Butadiene	54	1.764	1.759	0.005	96	67598	17.3	
6 Bromomethane	94	2.017	2.017	0.0	93	42809	17.8	
7 Chloroethane	64	2.105	2.105	0.0	95	43449	24.2	
9 Dichlorofluoromethane	67	2.281	2.281	0.0	96	128768	19.4	
8 Trichlorofluoromethane	101	2.293	2.293	0.0	93	97323	18.3	
10 Pentane	72	2.340	2.340	0.0	96	19528	51.3	
11 Ethanol	46	2.498	2.493	0.005	98	20909	1648.4	
13 Ethyl ether	59	2.534	2.534	0.0	96	57932	20.9	
14 2-Methyl-1,3-butadiene	53	2.551	2.552	-0.001	98	63477	18.5	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.698	2.699	-0.001	93	75173	19.0	
17 Acrolein	56	2.710	2.710	0.0	20	6200	33.1	
18 1,1-Dichloroethene	96	2.733	2.734	-0.001	87	70910	20.6	
19 Acetone	43	2.827	2.834	-0.007	84	154372	112.1	
20 Iodomethane	142	2.886	2.887	-0.001	98	132254	22.5	
21 Carbon disulfide	76	2.916	2.922	-0.006	100	247307	21.5	
34 Isopropyl alcohol	45	2.921	2.922	-0.001	37	53826	212.9	
147 3-Chloro-1-propene	76	3.057	3.057	0.0	89	41205	17.9	
23 Methyl acetate	43	3.068	3.069	-0.001	98	432601	97.6	
22 Cyclopentene	67	3.074	3.075	-0.001	94	222163	20.3	
24 Acetonitrile	41	3.127	3.122	0.005	98	168182	254.2	
* 151 TBA-d9 (IS)	65	3.180	3.180	0.0	92	454422	1000.0	
25 Methylene Chloride	84	3.180	3.180	0.0	89	88211	21.2	
26 2-Methyl-2-propanol	59	3.251	3.251	-0.001	96	82649	226.4	
27 Methyl tert-butyl ether	73	3.339	3.345	-0.006	96	245482	19.7	
29 trans-1,2-Dichloroethene	96	3.368	3.368	0.0	89	82313	21.6	
30 Acrylonitrile	53	3.444	3.445	-0.001	93	369175	200.7	
32 Hexane	57	3.521	3.527	-0.006	91	82487	18.2	
35 Isopropyl ether	45	3.738	3.733	0.005	97	344125	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
36 1,1-Dichloroethane	63	3.768	3.774	-0.006	99	169643	21.0	
37 Vinyl acetate	43	3.785	3.786	-0.001	100	384039	43.3	
38 Allyl alcohol	57	3.797	3.797	0.0	31	34687	615.9	
33 2-Chloro-1,3-butadiene	88	3.815	3.815	0.0	92	70388	19.6	
40 Tert-butyl ethyl ether	59	4.050	4.050	0.0	88	274114	19.5	
41 2,2-Dichloropropane	77	4.267	4.267	0.0	89	120290	20.2	
42 cis-1,2-Dichloroethene	96	4.290	4.291	-0.001	88	90753	20.7	
43 2-Butanone (MEK)	72	4.308	4.308	0.0	95	49976	121.7	
44 Ethyl acetate	43	4.314	4.314	0.0	94	450532	41.9	
39 Methyl acrylate	55	4.367	4.367	0.0	97	87796	18.6	
48 Propionitrile	54	4.443	4.444	-0.001	96	140326	240.9	
45 Tetrahydrofuran	72	4.520	4.520	0.0	67	21636	45.9	
46 Chlorobromomethane	128	4.520	4.520	0.0	93	45456	21.4	
31 Methacrylonitrile	67	4.549	4.549	0.0	96	393646	204.8	
47 Chloroform	83	4.572	4.567	0.005	91	153462	21.1	
49 Cyclohexane	56	4.696	4.696	0.0	97	126595	17.9	
50 1,1,1-Trichloroethane	97	4.719	4.714	0.005	92	117381	21.0	
$ 152 Dibromofluoromethane (Surr)	113	4.725	4.726	-0.001	95	232475	50.5	
51 Carbon tetrachloride	117	4.837	4.831	0.006	89	85565	17.8	
52 1,1-Dichloropropene	75	4.866	4.867	-0.001	93	122062	24.7	
56 Isobutyl alcohol	43	4.984	4.984	0.0	95	94950	509.6	
53 Benzene	78	5.066	5.066	0.0	93	334918	20.8	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.084	5.084	0.0	87	303106	48.2	
57 Isopropyl acetate	43	5.119	5.119	0.0	92	277661	18.5	
142 Tert-amyl methyl ether	73	5.125	5.125	0.0	86	235105	19.6	
55 1,2-Dichloroethane	62	5.160	5.160	0.0	90	128531	20.8	
58 n-Heptane	57	5.213	5.213	0.0	96	35512	19.6	
* 59 Fluorobenzene	96	5.354	5.354	0.0	97	838054	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.565	5.560	0.005	92	263593	37.8	
62 n-Butanol	56	5.648	5.648	0.0	95	48304	553.3	
61 Trichloroethene	95	5.706	5.707	-0.001	93	85517	21.4	
64 Ethyl acrylate	55	5.830	5.824	0.006	96	199285	21.0	
63 Methylcyclohexane	83	5.830	5.830	0.0	70	85041	17.0	
65 1,2-Dichloropropane	63	6.000	6.001	-0.001	84	94676	21.2	
* 150 1,4-Dioxane-d8	96	6.059	6.059	0.0	39	53897	1000.0	
66 Methyl methacrylate	100	6.071	6.071	0.0	93	46539	37.3	
67 1,4-Dioxane	88	6.106	6.112	-0.006	70	22599	494.7	
69 n-Propyl acetate	43	6.124	6.124	0.0	98	155971	17.9	
68 Dibromomethane	93	6.129	6.124	0.005	51	54677	20.9	
70 Dichlorobromomethane	83	6.276	6.277	-0.001	94	101196	20.0	
72 2-Chloroethyl vinyl ether	63	6.617	6.618	-0.001	86	63900	19.0	
71 2-Nitropropane	41	6.617	6.618	-0.001	71	25437	27.3	
73 Epichlorohydrin	57	6.723	6.723	0.0	99	196249	386.6	
74 cis-1,3-Dichloropropene	75	6.782	6.782	0.0	97	137458	19.9	
75 4-Methyl-2-pentanone (MIBK)	43	6.940	6.941	-0.001	99	506003	95.7	
$ 76 Toluene-d8 (Surr)	98	7.028	7.023	0.005	98	872502	48.9	
77 Toluene	91	7.105	7.105	0.0	91	339271	20.8	
78 trans-1,3-Dichloropropene	75	7.457	7.452	0.005	95	123764	20.4	
82 Ethyl methacrylate	69	7.481	7.481	0.0	94	106696	18.9	
79 1,1,2-Trichloroethane	83	7.669	7.669	0.0	88	64590	19.6	
80 Tetrachloroethene	166	7.716	7.716	0.0	97	82694	21.6	
81 1,3-Dichloropropane	76	7.880	7.881	-0.001	95	132909	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
83 2-Hexanone	58	7.939	7.940	-0.001	99	172198	125.4	
85 n-Butyl acetate	43	8.057	8.057	0.0	97	160556	21.0	
84 Chlorodibromomethane	129	8.115	8.116	-0.001	96	68410	18.2	
86 Ethylene Dibromide	107	8.274	8.274	0.0	98	80376	19.5	
* 87 Chlorobenzene-d5	117	8.820	8.815	0.005	83	727318	50.0	
88 Chlorobenzene	112	8.856	8.856	0.0	91	222304	20.1	
89 Ethylbenzene	106	8.956	8.956	0.0	99	108369	19.3	
90 1,1,1,2-Tetrachloroethane	131	8.973	8.974	-0.001	86	69174	19.3	
91 m-Xylene & p-Xylene	106	9.114	9.115	-0.001	96	141263	19.9	
93 n-Butyl acrylate	73	9.543	9.544	-0.001	91	59219	17.6	
92 o-Xylene	106	9.561	9.555	0.006	93	140912	20.1	
94 Styrene	104	9.590	9.585	0.005	94	249745	20.1	
96 Amyl acetate (mixed isomers)	43	9.766	9.767	-0.001	88	164714	17.9	
97 Bromoform	173	9.796	9.790	0.006	96	41319	16.9	
98 Isopropylbenzene	105	9.902	9.902	0.0	96	311432	20.2	
$ 99 4-Bromofluorobenzene	174	10.084	10.084	0.0	91	301694	48.4	
95 Camphene	41	10.101	10.096	0.005	92	24237	18.3	
100 Bromobenzene	156	10.201	10.202	-0.001	93	105224	22.0	
101 1,1,2,2-Tetrachloroethane	83	10.236	10.237	-0.001	84	106243	20.8	
102 N-Propylbenzene	91	10.260	10.260	0.0	95	366987	20.9	
103 1,2,3-Trichloropropane	110	10.278	10.278	0.0	95	29838	19.7	
104 trans-1,4-Dichloro-2-butene	53	10.295	10.296	-0.001	81	32266	17.7	
105 2-Chlorotoluene	91	10.348	10.348	0.0	98	278183	20.2	
143 4-Ethyltoluene	105	10.354	10.354	0.0	96	325163	19.3	
106 1,3,5-Trimethylbenzene	105	10.407	10.407	0.0	93	256146	20.1	
107 4-Chlorotoluene	91	10.442	10.442	0.0	97	272688	21.4	
108 Butyl Methacrylate	87	10.483	10.484	-0.001	98	102311	18.6	
109 tert-Butylbenzene	119	10.642	10.642	0.0	92	195131	19.7	
110 1,2,4-Trimethylbenzene	105	10.689	10.689	0.0	98	277770	20.2	
113 sec-Butylbenzene	105	10.800	10.801	-0.001	99	272656	21.1	
114 4-Isopropyltoluene	119	10.900	10.901	-0.001	93	240766	19.9	
115 1,3-Dichlorobenzene	146	10.906	10.907	-0.001	95	178292	20.0	
* 116 1,4-Dichlorobenzene-d4	152	10.959	10.960	-0.001	89	423355	50.0	
117 1,4-Dichlorobenzene	146	10.977	10.977	0.0	92	185893	20.0	
118 Benzyl chloride	91	11.077	11.077	0.0	99	151055	16.7	
119 2,3-Dihydroindene	117	11.118	11.118	0.0	90	307672	19.4	
133 p-Diethylbenzene	119	11.159	11.159	0.0	90	150018	18.3	
120 n-Butylbenzene	91	11.171	11.171	0.0	96	258222	20.3	
121 1,2-Dichlorobenzene	146	11.224	11.224	0.0	96	182805	20.1	
132 1,2,4,5-Tetramethylbenzene	119	11.635	11.629	0.006	98	247144	18.6	
122 1,2-Dibromo-3-Chloropropane	75	11.711	11.712	-0.001	90	19227	16.7	
145 1,3,5-Trichlorobenzene	180	11.793	11.794	-0.001	97	114453	18.9	
123 Camphor	95	12.134	12.135	-0.001	93	60280	101.4	
124 1,2,4-Trichlorobenzene	180	12.193	12.193	0.0	90	115798	20.1	
126 Hexachlorobutadiene	225	12.258	12.258	0.0	89	38249	22.7	
127 Naphthalene	128	12.363	12.364	-0.001	99	337033	20.4	
128 1,2,3-Trichlorobenzene	180	12.528	12.522	0.006	94	107200	20.3	
S 131 Xylenes, Total	100				0		40.1	

Report Date: 17-Mar-2014 09:41:04 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140316-10935.b\J10064.D

Injection Date: 16-Mar-2014 07:40:30 Instrument ID: CVOAMS8 Operator ID:

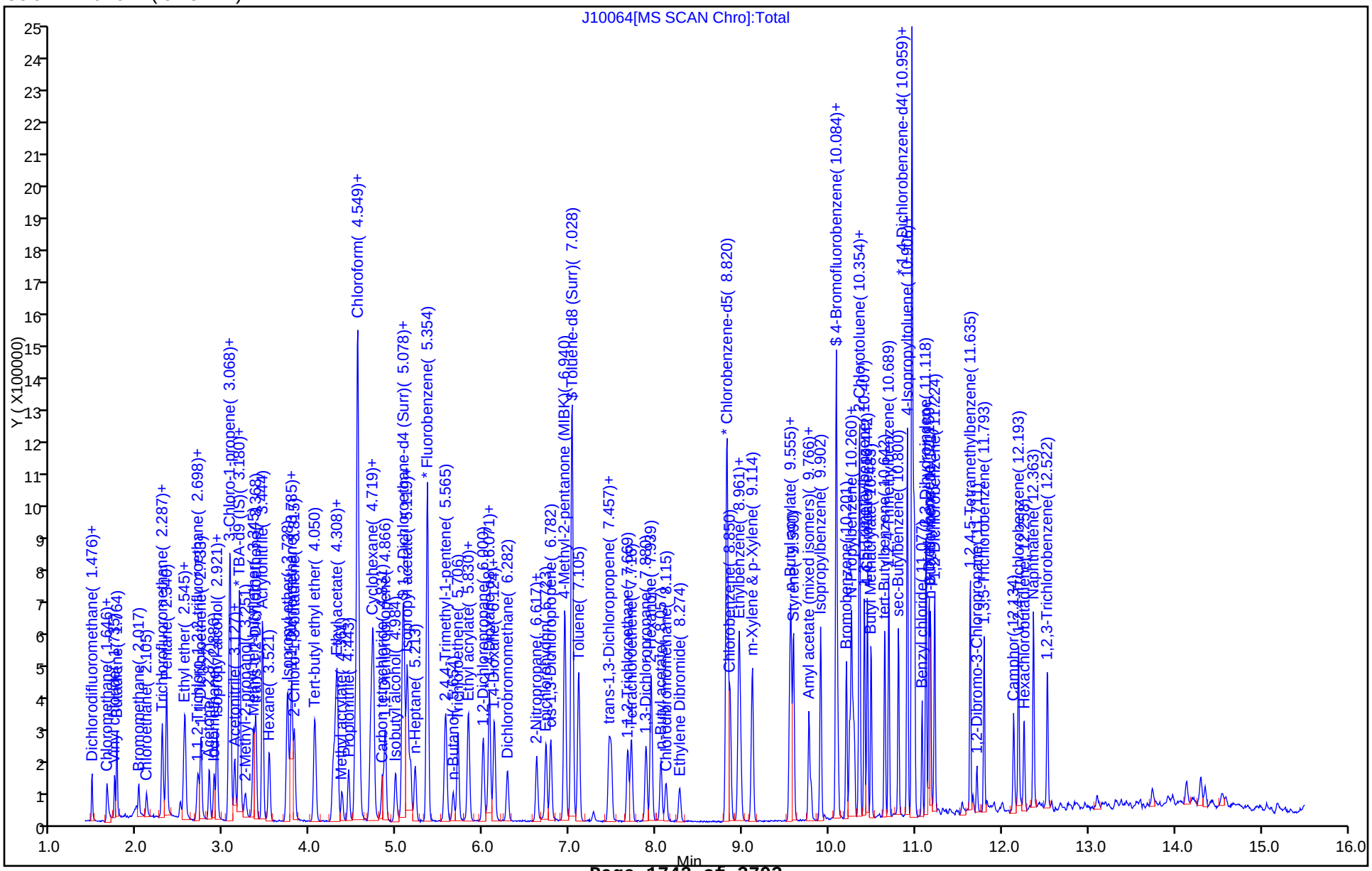
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 3

Method: 8260_W8 Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-WT MS Lab Sample ID: 460-72174-11 MS

Matrix: Solid Lab File ID: J09921.D

Analysis Method: 8260B Date Collected: 03/06/2014 10:55

Sample wt/vol: 6.196(g) Date Analyzed: 03/13/2014 01:17

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.3 Level: (low/med) Medium

Analysis Batch No.: 212239 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1760		170	17
74-83-9	Bromomethane	1280		170	31
75-01-4	Vinyl chloride	1810		170	25
75-00-3	Chloroethane	2600		170	29
75-09-2	Methylene Chloride	1810		170	31
67-64-1	Acetone	10100		860	460
75-15-0	Carbon disulfide	1790		170	22
75-69-4	Trichlorofluoromethane	1770		170	25
75-35-4	1,1-Dichloroethene	1780		170	15
75-34-3	1,1-Dichloroethane	1830		170	22
156-60-5	trans-1,2-Dichloroethene	1810		170	22
156-59-2	cis-1,2-Dichloroethene	1770		170	31
67-66-3	Chloroform	1820		170	14
78-93-3	2-Butanone	11000		860	400
107-06-2	1,2-Dichloroethane	1760		170	33
71-55-6	1,1,1-Trichloroethane	1770		170	11
56-23-5	Carbon tetrachloride	1510		170	9.8
71-43-2	Benzene	1840		170	14
75-25-2	Bromoform	1210		170	33
100-42-5	Styrene	1800		170	20
100-41-4	Ethylbenzene	2020		170	17
108-90-7	Chlorobenzene	1850		170	19
110-82-7	Cyclohexane	1750		170	27
98-82-8	Isopropylbenzene	2080		170	13
591-78-6	2-Hexanone	10900		860	86
1634-04-4	MTBE	1640		170	24
76-13-1	Freon TF	1680		170	14
79-20-9	Methyl acetate	8280		860	58
123-91-1	1,4-Dioxane	24100		8600	6200
79-01-6	Trichloroethene	1800		170	16
108-88-3	Toluene	1870		170	26
10061-02-6	trans-1,3-Dichloropropene	1640		170	42
108-10-1	4-Methyl-2-pentanone	8270		860	170
10061-01-5	cis-1,3-Dichloropropene	1690		170	32
95-50-1	1,2-Dichlorobenzene	2150		170	35
541-73-1	1,3-Dichlorobenzene	2160		170	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-WT MS | Lab Sample ID: 460-72174-11 MS

Matrix: Solid | Lab File ID: J09921.D

Analysis Method: 8260B | Date Collected: 03/06/2014 10:55

Sample wt/vol: 6.196(g) | Date Analyzed: 03/13/2014 01:17

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.3 | Level: (low/med) Medium

Analysis Batch No.: 212239 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	3390		170	40
120-82-1	1,2,4-Trichlorobenzene	2860		170	59
87-61-6	1,2,3-Trichlorobenzene	3140		170	88
78-87-5	1,2-Dichloropropane	1760		170	15
108-87-2	Methylcyclohexane	2010		170	23
127-18-4	Tetrachloroethene	2000		170	17
1330-20-7	Xylenes, Total	4310		340	62
96-12-8	1,2-Dibromo-3-Chloropropane	1530		170	69
79-34-5	1,1,2,2-Tetrachloroethane	1660		170	27
79-00-5	1,1,2-Trichloroethane	1630		170	32
124-48-1	Dibromochloromethane	1480		170	34
106-93-4	1,2-Dibromoethane	1710		170	47
75-71-8	Dichlorodifluoromethane	1710		170	37
74-97-5	Bromochloromethane	1830		170	47
75-27-4	Bromodichloromethane	1630		170	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		75-135
2037-26-5	Toluene-d8 (Surr)	84		59-150
460-00-4	Bromofluorobenzene	85		72-133
1868-53-7	Dibromofluoromethane (Surr)	86		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-WT MS | Lab Sample ID: 460-72174-26 MS

Matrix: Solid | Lab File ID: J09976.D

Analysis Method: 8260B | Date Collected: 03/06/2014 16:40

Sample wt/vol: 5.456(g) | Date Analyzed: 03/14/2014 03:04

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.6 | Level: (low/med) Medium

Analysis Batch No.: 212509 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	2100		210	21
74-83-9	Bromomethane	578		210	38
75-01-4	Vinyl chloride	2290		210	31
75-00-3	Chloroethane	2210		210	36
75-09-2	Methylene Chloride	2210		210	39
67-64-1	Acetone	12200		1100	570
75-15-0	Carbon disulfide	2200		210	27
75-69-4	Trichlorofluoromethane	2010		210	31
75-35-4	1,1-Dichloroethene	2220		210	19
75-34-3	1,1-Dichloroethane	2330		210	28
156-60-5	trans-1,2-Dichloroethene	2290		210	27
156-59-2	cis-1,2-Dichloroethene	2110		210	38
67-66-3	Chloroform	2190		210	17
78-93-3	2-Butanone	12400		1100	490
107-06-2	1,2-Dichloroethane	2180		210	40
71-55-6	1,1,1-Trichloroethane	2210		210	13
56-23-5	Carbon tetrachloride	1750		210	12
71-43-2	Benzene	2280		210	18
75-25-2	Bromoform	1410		210	41
100-42-5	Styrene	2100		210	25
100-41-4	Ethylbenzene	2160		210	20
108-90-7	Chlorobenzene	2210		210	23
110-82-7	Cyclohexane	2100		210	34
98-82-8	Isopropylbenzene	2400		210	16
591-78-6	2-Hexanone	12500		1100	110
1634-04-4	MTBE	2060		210	29
76-13-1	Freon TF	2240		210	17
79-20-9	Methyl acetate	10200		1100	71
123-91-1	1,4-Dioxane	27200		11000	7600
79-01-6	Trichloroethene	2320		210	20
108-88-3	Toluene	2260		210	32
10061-02-6	trans-1,3-Dichloropropene	2050		210	51
108-10-1	4-Methyl-2-pentanone	9720		1100	210
10061-01-5	cis-1,3-Dichloropropene	2000		210	39
95-50-1	1,2-Dichlorobenzene	2250		210	43
541-73-1	1,3-Dichlorobenzene	2220		210	29

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-WT MS | Lab Sample ID: 460-72174-26 MS

Matrix: Solid | Lab File ID: J09976.D

Analysis Method: 8260B | Date Collected: 03/06/2014 16:40

Sample wt/vol: 5.456(g) | Date Analyzed: 03/14/2014 03:04

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.6 | Level: (low/med) Medium

Analysis Batch No.: 212509 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2300		210	49
120-82-1	1,2,4-Trichlorobenzene	6120		210	73
87-61-6	1,2,3-Trichlorobenzene	2860		210	110
78-87-5	1,2-Dichloropropane	2180		210	18
108-87-2	Methylcyclohexane	2370		210	29
127-18-4	Tetrachloroethene	2390		210	21
1330-20-7	Xylenes, Total	4390		420	76
96-12-8	1,2-Dibromo-3-Chloropropane	1450		210	85
79-34-5	1,1,2,2-Tetrachloroethane	2080		210	33
79-00-5	1,1,2-Trichloroethane	2140		210	40
124-48-1	Dibromochloromethane	1760		210	42
106-93-4	1,2-Dibromoethane	1930		210	58
75-71-8	Dichlorodifluoromethane	1970		210	46
74-97-5	Bromochloromethane	2190		210	58
75-27-4	Bromodichloromethane	1950		210	27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	79		75-135
2037-26-5	Toluene-d8 (Surr)	82		59-150
460-00-4	Bromofluorobenzene	81		72-133
1868-53-7	Dibromofluoromethane (Surr)	81		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-72284-A-9-A MS

Matrix: Solid | Lab File ID: J10032.D

Analysis Method: 8260B | Date Collected: 03/10/2014 00:00

Sample wt/vol: 4.65(g) | Date Analyzed: 03/15/2014 07:28

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.3 | Level: (low/med) Medium

Analysis Batch No.: 212770 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	2270		250	24
74-83-9	Bromomethane	730		250	45
75-01-4	Vinyl chloride	2330		250	36
75-00-3	Chloroethane	1830		250	42
75-09-2	Methylene Chloride	2710		250	45
67-64-1	Acetone	13600		1200	660
75-15-0	Carbon disulfide	2350		250	31
75-69-4	Trichlorofluoromethane	1710		250	36
75-35-4	1,1-Dichloroethene	2230		250	22
75-34-3	1,1-Dichloroethane	2500		250	32
156-60-5	trans-1,2-Dichloroethene	2460		250	32
156-59-2	cis-1,2-Dichloroethene	2420		250	44
67-66-3	Chloroform	843		250	19
78-93-3	2-Butanone	13000		1200	580
107-06-2	1,2-Dichloroethane	2300		250	47
71-55-6	1,1,1-Trichloroethane	2310		250	15
56-23-5	Carbon tetrachloride	1640		250	14
71-43-2	Benzene	32300		250	20
75-25-2	Bromoform	1680		250	48
100-42-5	Styrene	2570		250	29
100-41-4	Ethylbenzene	14300		250	24
108-90-7	Chlorobenzene	2790		250	27
110-82-7	Cyclohexane	55200		250	39
98-82-8	Isopropylbenzene	21700		250	19
591-78-6	2-Hexanone	15300		1200	120
1634-04-4	MTBE	2400		250	34
76-13-1	Freon TF	1410		250	20
79-20-9	Methyl acetate	130000		1200	83
123-91-1	1,4-Dioxane	32300		12000	8900
79-01-6	Trichloroethene	2690		250	23
108-88-3	Toluene	14900		250	37
10061-02-6	trans-1,3-Dichloropropene	2230		250	60
108-10-1	4-Methyl-2-pentanone	14600		1200	240
10061-01-5	cis-1,3-Dichloropropene	2240		250	46
95-50-1	1,2-Dichlorobenzene	2440		250	51
541-73-1	1,3-Dichlorobenzene	2440		250	34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-72284-A-9-A MS

Matrix: Solid | Lab File ID: J10032.D

Analysis Method: 8260B | Date Collected: 03/10/2014 00:00

Sample wt/vol: 4.65(g) | Date Analyzed: 03/15/2014 07:28

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.3 | Level: (low/med) Medium

Analysis Batch No.: 212770 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2460		250	58
120-82-1	1,2,4-Trichlorobenzene	2380		250	85
87-61-6	1,2,3-Trichlorobenzene	2330		250	130
78-87-5	1,2-Dichloropropane	2550		250	21
108-87-2	Methylcyclohexane	45300		250	34
127-18-4	Tetrachloroethene	2550		250	24
1330-20-7	Xylenes, Total	30500		500	89
96-12-8	1,2-Dibromo-3-Chloropropane	2110		250	99
79-34-5	1,1,2,2-Tetrachloroethane	5680		250	39
79-00-5	1,1,2-Trichloroethane	1560		250	47
124-48-1	Dibromochloromethane	1890		250	50
106-93-4	1,2-Dibromoethane	145	J	250	68
75-71-8	Dichlorodifluoromethane	1460		250	53
74-97-5	Bromochloromethane	2360		250	68
75-27-4	Bromodichloromethane	3850		250	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		75-135
2037-26-5	Toluene-d8 (Surr)	77		59-150
460-00-4	Bromofluorobenzene	76		72-133
1868-53-7	Dibromofluoromethane (Surr)	70		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-72133-A-1 MS

Matrix: Water Lab File ID: A00593.D

Analysis Method: 8260B Date Collected: 03/06/2014 13:30

Sample wt/vol: 5(mL) Date Analyzed: 03/14/2014 12:25

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 212557 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	165		10	1.0
74-83-9	Bromomethane	190		10	1.8
75-01-4	Vinyl chloride	184		10	1.4
75-00-3	Chloroethane	181		10	1.7
75-09-2	Methylene Chloride	191		10	1.8
67-64-1	Acetone	860		50	27
75-15-0	Carbon disulfide	183		10	1.3
75-69-4	Trichlorofluoromethane	204		10	1.5
75-35-4	1,1-Dichloroethene	201		10	0.90
75-34-3	1,1-Dichloroethane	204		10	1.3
156-60-5	trans-1,2-Dichloroethene	200		10	1.3
156-59-2	cis-1,2-Dichloroethene	190		10	1.8
67-66-3	Chloroform	194		10	0.80
78-93-3	2-Butanone	770		50	23
107-06-2	1,2-Dichloroethane	204		10	1.9
71-55-6	1,1,1-Trichloroethane	194		10	0.60
56-23-5	Carbon tetrachloride	201		10	0.60
71-43-2	Benzene	200		10	0.80
75-25-2	Bromoform	146		10	1.9
100-42-5	Styrene	180		10	1.2
100-41-4	Ethylbenzene	195		10	1.0
108-90-7	Chlorobenzene	187		10	1.1
110-82-7	Cyclohexane	220		10	1.6
98-82-8	Isopropylbenzene	163		10	0.80
591-78-6	2-Hexanone	993		50	5.0
1634-04-4	MTBE	198		10	1.4
76-13-1	Freon TF	238		10	0.80
79-20-9	Methyl acetate	1110		50	3.4
123-91-1	1,4-Dioxane	2220		500	360
79-01-6	Trichloroethene	202		10	0.90
108-88-3	Toluene	200		10	1.5
10061-02-6	trans-1,3-Dichloropropene	182		10	2.4
108-10-1	4-Methyl-2-pentanone	1080		50	9.9
10061-01-5	cis-1,3-Dichloropropene	180		10	1.8
95-50-1	1,2-Dichlorobenzene	192		10	2.1
541-73-1	1,3-Dichlorobenzene	193		10	1.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-72133-A-1 MS

Matrix: Water | Lab File ID: A00593.D

Analysis Method: 8260B | Date Collected: 03/06/2014 13:30

Sample wt/vol: 5(mL) | Date Analyzed: 03/14/2014 12:25

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212557 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	191		10	2.3
120-82-1	1,2,4-Trichlorobenzene	183		10	3.4
87-61-6	1,2,3-Trichlorobenzene	185		10	5.1
78-87-5	1,2-Dichloropropane	190		10	0.90
108-87-2	Methylcyclohexane	208		10	1.4
127-18-4	Tetrachloroethene	209		10	1.0
1330-20-7	Xylenes, Total	395		20	1.3
96-12-8	1,2-Dibromo-3-Chloropropane	208		10	4.0
79-34-5	1,1,2,2-Tetrachloroethane	201		10	1.6
79-00-5	1,1,2-Trichloroethane	195		10	1.9
124-48-1	Dibromochloromethane	164		10	2.0
106-93-4	1,2-Dibromoethane	196		10	2.8
75-71-8	Dichlorodifluoromethane	144		10	2.2
74-97-5	Bromochloromethane	189		10	2.7
75-27-4	Bromodichloromethane	168		10	1.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	100		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-WT MSD | Lab Sample ID: 460-72174-11 MSD

Matrix: Solid | Lab File ID: J09922.D

Analysis Method: 8260B | Date Collected: 03/06/2014 10:55

Sample wt/vol: 6.196(g) | Date Analyzed: 03/13/2014 01:42

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.3 | Level: (low/med) Medium

Analysis Batch No.: 212239 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1880		170	17
74-83-9	Bromomethane	617		170	31
75-01-4	Vinyl chloride	1890		170	25
75-00-3	Chloroethane	2170		170	29
75-09-2	Methylene Chloride	1780		170	31
67-64-1	Acetone	10000		860	460
75-15-0	Carbon disulfide	1890		170	22
75-69-4	Trichlorofluoromethane	1700		170	25
75-35-4	1,1-Dichloroethene	1800		170	15
75-34-3	1,1-Dichloroethane	1860		170	22
156-60-5	trans-1,2-Dichloroethene	2020		170	22
156-59-2	cis-1,2-Dichloroethene	1820		170	31
67-66-3	Chloroform	1830		170	14
78-93-3	2-Butanone	10100		860	400
107-06-2	1,2-Dichloroethane	1870		170	33
71-55-6	1,1,1-Trichloroethane	1820		170	11
56-23-5	Carbon tetrachloride	1450		170	9.8
71-43-2	Benzene	1900		170	14
75-25-2	Bromoform	1310		170	33
100-42-5	Styrene	1790		170	20
100-41-4	Ethylbenzene	1770		170	17
108-90-7	Chlorobenzene	1850		170	19
110-82-7	Cyclohexane	1730		170	27
98-82-8	Isopropylbenzene	2070		170	13
591-78-6	2-Hexanone	10100		860	86
1634-04-4	MTBE	1710		170	24
76-13-1	Freon TF	1560		170	14
79-20-9	Methyl acetate	8490		860	58
123-91-1	1,4-Dioxane	29800		8600	6200
79-01-6	Trichloroethene	2000		170	16
108-88-3	Toluene	1930		170	26
10061-02-6	trans-1,3-Dichloropropene	1710		170	42
108-10-1	4-Methyl-2-pentanone	8270		860	170
10061-01-5	cis-1,3-Dichloropropene	1770		170	32
95-50-1	1,2-Dichlorobenzene	2110		170	35
541-73-1	1,3-Dichlorobenzene	2210		170	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-WT MSD | Lab Sample ID: 460-72174-11 MSD

Matrix: Solid | Lab File ID: J09922.D

Analysis Method: 8260B | Date Collected: 03/06/2014 10:55

Sample wt/vol: 6.196(g) | Date Analyzed: 03/13/2014 01:42

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.3 | Level: (low/med) Medium

Analysis Batch No.: 212239 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	3450		170	40
120-82-1	1,2,4-Trichlorobenzene	2910		170	59
87-61-6	1,2,3-Trichlorobenzene	3310		170	88
78-87-5	1,2-Dichloropropane	1830		170	15
108-87-2	Methylcyclohexane	1940		170	23
127-18-4	Tetrachloroethene	2050		170	17
1330-20-7	Xylenes, Total	3990		340	62
96-12-8	1,2-Dibromo-3-Chloropropane	1470		170	69
79-34-5	1,1,2,2-Tetrachloroethane	1800		170	27
79-00-5	1,1,2-Trichloroethane	1780		170	32
124-48-1	Dibromochloromethane	1470		170	34
106-93-4	1,2-Dibromoethane	1680		170	47
75-71-8	Dichlorodifluoromethane	1810		170	37
74-97-5	Bromochloromethane	1770		170	47
75-27-4	Bromodichloromethane	1670		170	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		75-135
2037-26-5	Toluene-d8 (Surr)	87		59-150
460-00-4	Bromofluorobenzene	86		72-133
1868-53-7	Dibromofluoromethane (Surr)	87		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-WT MSD | Lab Sample ID: 460-72174-26 MSD

Matrix: Solid | Lab File ID: J09977.D

Analysis Method: 8260B | Date Collected: 03/06/2014 16:40

Sample wt/vol: 5.456(g) | Date Analyzed: 03/14/2014 03:29

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.6 | Level: (low/med) Medium

Analysis Batch No.: 212509 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	2210		210	21
74-83-9	Bromomethane	647		210	38
75-01-4	Vinyl chloride	2300		210	31
75-00-3	Chloroethane	2840		210	36
75-09-2	Methylene Chloride	2250		210	39
67-64-1	Acetone	12900		1100	570
75-15-0	Carbon disulfide	2350		210	27
75-69-4	Trichlorofluoromethane	2080		210	31
75-35-4	1,1-Dichloroethene	2390		210	19
75-34-3	1,1-Dichloroethane	2290		210	28
156-60-5	trans-1,2-Dichloroethene	2360		210	27
156-59-2	cis-1,2-Dichloroethene	2280		210	38
67-66-3	Chloroform	2250		210	17
78-93-3	2-Butanone	14000		1100	490
107-06-2	1,2-Dichloroethane	2190		210	40
71-55-6	1,1,1-Trichloroethane	2180		210	13
56-23-5	Carbon tetrachloride	1860		210	12
71-43-2	Benzene	2310		210	18
75-25-2	Bromoform	1520		210	41
100-42-5	Styrene	2140		210	25
100-41-4	Ethylbenzene	2260		210	20
108-90-7	Chlorobenzene	2190		210	23
110-82-7	Cyclohexane	2140		210	34
98-82-8	Isopropylbenzene	2430		210	16
591-78-6	2-Hexanone	13100		1100	110
1634-04-4	MTBE	1990		210	29
76-13-1	Freon TF	2220		210	17
79-20-9	Methyl acetate	10200		1100	71
123-91-1	1,4-Dioxane	43200		11000	7600
79-01-6	Trichloroethene	2400		210	20
108-88-3	Toluene	2280		210	32
10061-02-6	trans-1,3-Dichloropropene	1990		210	51
108-10-1	4-Methyl-2-pentanone	9550		1100	210
10061-01-5	cis-1,3-Dichloropropene	2060		210	39
95-50-1	1,2-Dichlorobenzene	2330		210	43
541-73-1	1,3-Dichlorobenzene	2390		210	29

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-WT MSD | Lab Sample ID: 460-72174-26 MSD

Matrix: Solid | Lab File ID: J09977.D

Analysis Method: 8260B | Date Collected: 03/06/2014 16:40

Sample wt/vol: 5.456(g) | Date Analyzed: 03/14/2014 03:29

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.6 | Level: (low/med) Medium

Analysis Batch No.: 212509 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2350		210	49
120-82-1	1,2,4-Trichlorobenzene	6620		210	73
87-61-6	1,2,3-Trichlorobenzene	3240		210	110
78-87-5	1,2-Dichloropropane	2350		210	18
108-87-2	Methylcyclohexane	2380		210	29
127-18-4	Tetrachloroethene	2450		210	21
1330-20-7	Xylenes, Total	4530		420	76
96-12-8	1,2-Dibromo-3-Chloropropane	1660		210	85
79-34-5	1,1,2,2-Tetrachloroethane	2150		210	33
79-00-5	1,1,2-Trichloroethane	2160		210	40
124-48-1	Dibromochloromethane	1770		210	42
106-93-4	1,2-Dibromoethane	2030		210	58
75-71-8	Dichlorodifluoromethane	1960		210	46
74-97-5	Bromochloromethane	2200		210	58
75-27-4	Bromodichloromethane	2000		210	27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		75-135
2037-26-5	Toluene-d8 (Surr)	84		59-150
460-00-4	Bromofluorobenzene	82		72-133
1868-53-7	Dibromofluoromethane (Surr)	84		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-72284-A-9-A MSD

Matrix: Solid | Lab File ID: J10033.D

Analysis Method: 8260B | Date Collected: 03/10/2014 00:00

Sample wt/vol: 4.65(g) | Date Analyzed: 03/15/2014 07:53

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.3 | Level: (low/med) Medium

Analysis Batch No.: 212770 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	2310		250	24
74-83-9	Bromomethane	731		250	45
75-01-4	Vinyl chloride	2160		250	36
75-00-3	Chloroethane	2650		250	42
75-09-2	Methylene Chloride	2850		250	45
67-64-1	Acetone	14600		1200	660
75-15-0	Carbon disulfide	2350		250	31
75-69-4	Trichlorofluoromethane	1620		250	36
75-35-4	1,1-Dichloroethene	2230		250	22
75-34-3	1,1-Dichloroethane	2500		250	32
156-60-5	trans-1,2-Dichloroethene	2350		250	32
156-59-2	cis-1,2-Dichloroethene	2300		250	44
67-66-3	Chloroform	964		250	19
78-93-3	2-Butanone	13600		1200	580
107-06-2	1,2-Dichloroethane	2270		250	47
71-55-6	1,1,1-Trichloroethane	2320		250	15
56-23-5	Carbon tetrachloride	1680		250	14
71-43-2	Benzene	31800		250	20
75-25-2	Bromoform	1670		250	48
100-42-5	Styrene	2600		250	29
100-41-4	Ethylbenzene	14600		250	24
108-90-7	Chlorobenzene	2840		250	27
110-82-7	Cyclohexane	49900		250	39
98-82-8	Isopropylbenzene	21800		250	19
591-78-6	2-Hexanone	14700		1200	120
1634-04-4	MTBE	2410		250	34
76-13-1	Freon TF	1340		250	20
79-20-9	Methyl acetate	108000		1200	83
123-91-1	1,4-Dioxane	51000		12000	8900
79-01-6	Trichloroethene	2770		250	23
108-88-3	Toluene	14900		250	37
10061-02-6	trans-1,3-Dichloropropene	2230		250	60
108-10-1	4-Methyl-2-pentanone	15100		1200	240
10061-01-5	cis-1,3-Dichloropropene	2210		250	46
95-50-1	1,2-Dichlorobenzene	2450		250	51
541-73-1	1,3-Dichlorobenzene	2440		250	34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-72284-A-9-A MSD

Matrix: Solid | Lab File ID: J10033.D

Analysis Method: 8260B | Date Collected: 03/10/2014 00:00

Sample wt/vol: 4.65(g) | Date Analyzed: 03/15/2014 07:53

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.3 | Level: (low/med) Medium

Analysis Batch No.: 212770 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2420		250	58
120-82-1	1,2,4-Trichlorobenzene	2500		250	85
87-61-6	1,2,3-Trichlorobenzene	2500		250	130
78-87-5	1,2-Dichloropropane	2540		250	21
108-87-2	Methylcyclohexane	41200		250	34
127-18-4	Tetrachloroethene	2500		250	24
1330-20-7	Xylenes, Total	29900		500	89
96-12-8	1,2-Dibromo-3-Chloropropane	3000		250	99
79-34-5	1,1,2,2-Tetrachloroethane	5400		250	39
79-00-5	1,1,2-Trichloroethane	280		250	47
124-48-1	Dibromochloromethane	1960		250	50
106-93-4	1,2-Dibromoethane	126	J	250	68
75-71-8	Dichlorodifluoromethane	1160		250	53
74-97-5	Bromochloromethane	2490		250	68
75-27-4	Bromodichloromethane	1460		250	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		75-135
2037-26-5	Toluene-d8 (Surr)	78		59-150
460-00-4	Bromofluorobenzene	73		72-133
1868-53-7	Dibromofluoromethane (Surr)	68	X	70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-72133-A-1 MSD

Matrix: Water | Lab File ID: A00594.D

Analysis Method: 8260B | Date Collected: 03/06/2014 13:30

Sample wt/vol: 5(mL) | Date Analyzed: 03/14/2014 12:45

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212557 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	175		10	1.0
74-83-9	Bromomethane	203		10	1.8
75-01-4	Vinyl chloride	194		10	1.4
75-00-3	Chloroethane	192		10	1.7
75-09-2	Methylene Chloride	205		10	1.8
67-64-1	Acetone	985		50	27
75-15-0	Carbon disulfide	197		10	1.3
75-69-4	Trichlorofluoromethane	215		10	1.5
75-35-4	1,1-Dichloroethene	213		10	0.90
75-34-3	1,1-Dichloroethane	216		10	1.3
156-60-5	trans-1,2-Dichloroethene	211		10	1.3
156-59-2	cis-1,2-Dichloroethene	203		10	1.8
67-66-3	Chloroform	209		10	0.80
78-93-3	2-Butanone	823		50	23
107-06-2	1,2-Dichloroethane	203		10	1.9
71-55-6	1,1,1-Trichloroethane	208		10	0.60
56-23-5	Carbon tetrachloride	214		10	0.60
71-43-2	Benzene	212		10	0.80
75-25-2	Bromoform	148		10	1.9
100-42-5	Styrene	185		10	1.2
100-41-4	Ethylbenzene	202		10	1.0
108-90-7	Chlorobenzene	195		10	1.1
110-82-7	Cyclohexane	235		10	1.6
98-82-8	Isopropylbenzene	174		10	0.80
591-78-6	2-Hexanone	1030		50	5.0
1634-04-4	MTBE	200		10	1.4
76-13-1	Freon TF	247		10	0.80
79-20-9	Methyl acetate	1130		50	3.4
123-91-1	1,4-Dioxane	4110		500	360
79-01-6	Trichloroethene	200		10	0.90
108-88-3	Toluene	201		10	1.5
10061-02-6	trans-1,3-Dichloropropene	179		10	2.4
108-10-1	4-Methyl-2-pentanone	1090		50	9.9
10061-01-5	cis-1,3-Dichloropropene	173		10	1.8
95-50-1	1,2-Dichlorobenzene	205		10	2.1
541-73-1	1,3-Dichlorobenzene	202		10	1.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-72133-A-1 MSD

Matrix: Water | Lab File ID: A00594.D

Analysis Method: 8260B | Date Collected: 03/06/2014 13:30

Sample wt/vol: 5(mL) | Date Analyzed: 03/14/2014 12:45

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212557 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	204		10	2.3
120-82-1	1,2,4-Trichlorobenzene	228		10	3.4
87-61-6	1,2,3-Trichlorobenzene	278		10	5.1
78-87-5	1,2-Dichloropropane	187		10	0.90
108-87-2	Methylcyclohexane	221		10	1.4
127-18-4	Tetrachloroethene	215		10	1.0
1330-20-7	Xylenes, Total	402		20	1.3
96-12-8	1,2-Dibromo-3-Chloropropane	245		10	4.0
79-34-5	1,1,2,2-Tetrachloroethane	208		10	1.6
79-00-5	1,1,2-Trichloroethane	190		10	1.9
124-48-1	Dibromochloromethane	167		10	2.0
106-93-4	1,2-Dibromoethane	196		10	2.8
75-71-8	Dichlorodifluoromethane	155		10	2.2
74-97-5	Bromochloromethane	199		10	2.7
75-27-4	Bromodichloromethane	170		10	1.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	Bromofluorobenzene	97		70-130
1868-53-7	Dibromofluoromethane (Surr)	100		70-130

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CVOAMS1 Start Date: 03/11/2014 04:45

Analysis Batch Number: 211772 End Date: 03/11/2014 16:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-211772/1		03/11/2014 04:45	1	A00409.D	Rtx-624 0.25(mm)
STD5 460-211772/5 IC		03/11/2014 06:17	1	A00413.D	Rtx-624 0.25(mm)
STD20 460-211772/6 ICIS		03/11/2014 06:37	1	A00414.D	Rtx-624 0.25(mm)
STD50 460-211772/7 IC		03/11/2014 06:56	1	A00415.D	Rtx-624 0.25(mm)
STD200 460-211772/8 IC		03/11/2014 07:16	1	A00416.D	Rtx-624 0.25(mm)
STD500 460-211772/9 IC		03/11/2014 07:37	1	A00417.D	Rtx-624 0.25(mm)
STD1 460-211772/14 IC		03/11/2014 13:55	1	A00422.D	Rtx-624 0.25(mm)
ZZZZZ		03/11/2014 14:50	1		Rtx-624 0.25(mm)
ICV 460-211772/1015		03/11/2014 14:50	1		Rtx-624 0.25(mm)
ZZZZZ		03/11/2014 15:10	1		Rtx-624 0.25(mm)
ZZZZZ		03/11/2014 16:10	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CVOAMS1 Start Date: 03/14/2014 06:26

Analysis Batch Number: 212557 End Date: 03/14/2014 17:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-212557/1		03/14/2014 06:26	1	A00577.D	Rtx-624 0.25(mm)
CCVIS 460-212557/3		03/14/2014 07:06	1	A00579.D	Rtx-624 0.25(mm)
LCS 460-212557/4		03/14/2014 07:29	1	A00580.D	Rtx-624 0.25(mm)
MB 460-212557/7		03/14/2014 08:42	1	A00583.D	Rtx-624 0.25(mm)
460-72174-28	FB-030614	03/14/2014 09:02	1	A00584.D	Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 09:21	1		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 09:42	1		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 10:03	1		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 10:22	1		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 10:42	1		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 11:35	20		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 11:55	10		Rtx-624 0.25(mm)
460-72133-A-1 MS		03/14/2014 12:25	10	A00593.D	Rtx-624 0.25(mm)
460-72133-A-1 MSD		03/14/2014 12:45	10	A00594.D	Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 13:47	1		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 14:07	1		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 14:29	1		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 14:49	1		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 15:09	1		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 15:49	1		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 16:09	1		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 16:30	1		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 16:50	1		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 17:10	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 03/12/2014 14:13

Analysis Batch Number: 212216 End Date: 03/12/2014 22:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-212216/1		03/12/2014 14:13	1	D367266.D	Rtx-624 0.25(mm)
STD20 460-212216/2 ICIS		03/12/2014 14:39	1	D367267.D	Rtx-624 0.25(mm)
STD5 460-212216/4 IC		03/12/2014 15:46	1	D367269.D	Rtx-624 0.25(mm)
STD50 460-212216/6 IC		03/12/2014 16:32	1	D367271.D	Rtx-624 0.25(mm)
STD200 460-212216/7 IC		03/12/2014 16:54	1	D367272.D	Rtx-624 0.25(mm)
STD500 460-212216/8 IC		03/12/2014 17:17	1	D367273.D	Rtx-624 0.25(mm)
STD1 460-212216/13 IC		03/12/2014 20:41	1	D367278.D	Rtx-624 0.25(mm)
ICV 460-212216/15		03/12/2014 22:29	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 03/13/2014 06:21

Analysis Batch Number: 212326 End Date: 03/13/2014 15:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-212326/1		03/13/2014 06:21	1	D367281.D	Rtx-624 0.25(mm)
CCVIS 460-212326/2		03/13/2014 06:43	1	D367282.D	Rtx-624 0.25(mm)
LCS 460-212326/3		03/13/2014 07:05	1	D367283.D	Rtx-624 0.25(mm)
LCSD 460-212326/4		03/13/2014 07:31	1	D367284.D	Rtx-624 0.25(mm)
MB 460-212326/6		03/13/2014 08:32	1	D367286.D	Rtx-624 0.25(mm)
460-72174-1	PMP-14SW-VS	03/13/2014 08:55	1	D367287.D	Rtx-624 0.25(mm)
460-72174-4	PMP-23SW-WT	03/13/2014 10:03	1	D367290.D	Rtx-624 0.25(mm)
460-72174-5	PMP-8SW-VS	03/13/2014 10:26	1	D367291.D	Rtx-624 0.25(mm)
460-72174-7	PMP-4SW-VD	03/13/2014 11:12	1	D367293.D	Rtx-624 0.25(mm)
460-72174-8	PMP-22SW-VS	03/13/2014 11:35	1	D367294.D	Rtx-624 0.25(mm)
460-72174-9	PMP-22SW-VD	03/13/2014 11:58	1	D367295.D	Rtx-624 0.25(mm)
460-72174-10	PMP-22SW-WT	03/13/2014 12:20	1	D367296.D	Rtx-624 0.25(mm)
460-72174-13	PMP-6SW-VD	03/13/2014 12:42	1	D367297.D	Rtx-624 0.25(mm)
460-72174-14	PMP-6SW-WT	03/13/2014 13:05	1	D367298.D	Rtx-624 0.25(mm)
460-72174-18	PMP-2SW-SI	03/13/2014 13:51	1	D367300.D	Rtx-624 0.25(mm)
460-72174-19	PMP-24SW-VS	03/13/2014 14:14	1	D367301.D	Rtx-624 0.25(mm)
460-72174-21	PMP-10SW-SD	03/13/2014 14:37	1	D367302.D	Rtx-624 0.25(mm)
460-72174-23	PMP-13SW-SI	03/13/2014 15:00	1	D367303.D	Rtx-624 0.25(mm)
460-72174-25	PMP-28SW-VD	03/13/2014 15:23	1	D367304.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 03/13/2014 17:04

Analysis Batch Number: 212478 End Date: 03/14/2014 03:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-212478/1		03/13/2014 17:04	1	D367308.D	Rtx-624 0.25(mm)
CCVIS 460-212478/3		03/13/2014 18:51	1	D367310.D	Rtx-624 0.25(mm)
LCS 460-212478/4		03/13/2014 19:33	1	D367311.D	Rtx-624 0.25(mm)
LCSD 460-212478/5		03/13/2014 19:56	1	D367312.D	Rtx-624 0.25(mm)
MB 460-212478/7		03/13/2014 21:20	1	D367314.D	Rtx-624 0.25(mm)
ZZZZZ		03/13/2014 21:43	1		Rtx-624 0.25(mm)
460-72174-3	PMP-23SW-VD	03/13/2014 22:06	1	D367316.D	Rtx-624 0.25(mm)
460-72174-34	PMP-9SW-VD	03/13/2014 22:28	1	D367317.D	Rtx-624 0.25(mm)
460-72174-2	PMP-23SW-VS	03/13/2014 22:52	1	D367318.D	Rtx-624 0.25(mm)
ZZZZZ		03/13/2014 23:15	1		Rtx-624 0.25(mm)
460-72174-6	PMP-4SW-VS	03/13/2014 23:38	1	D367320.D	Rtx-624 0.25(mm)
460-72174-27	PMP-28SW-SI	03/14/2014 00:47	1	D367323.D	Rtx-624 0.25(mm)
460-72174-38	PMP-10SW-SI	03/14/2014 01:55	1	D367326.D	Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 02:18	1		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 02:41	1		Rtx-624 0.25(mm)
460-72174-37	PMP-10SW-WI	03/14/2014 03:04	1	D367329.D	Rtx-624 0.25(mm)
460-72174-15	PMP-6SW-SI	03/14/2014 03:49	1	D367331.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 03/14/2014 05:41

Analysis Batch Number: 212576 End Date: 03/14/2014 11:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-212576/1		03/14/2014 05:41	1	D367333.D	Rtx-624 0.25(mm)
CCVIS 460-212576/2		03/14/2014 06:27	1	D367334.D	Rtx-624 0.25(mm)
LCS 460-212576/3		03/14/2014 06:49	1	D367335.D	Rtx-624 0.25(mm)
LCSD 460-212576/4		03/14/2014 07:12	1	D367336.D	Rtx-624 0.25(mm)
MB 460-212576/6		03/14/2014 08:13	1	D367338.D	Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 08:58	1		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 09:43	1		Rtx-624 0.25(mm)
460-72174-31	PMP-7SW-VD	03/14/2014 10:07	1	D367343.D	Rtx-624 0.25(mm)
460-72174-36	PMP-9SW-SI	03/14/2014 10:29	1	D367344.D	Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 11:14	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 03/16/2014 06:13

Analysis Batch Number: 212899 End Date: 03/16/2014 15:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-212899/1		03/16/2014 06:13	1	D367417.D	Rtx-624 0.25(mm)
CCVIS 460-212899/2		03/16/2014 06:33	1	D367418.D	Rtx-624 0.25(mm)
LCS 460-212899/3		03/16/2014 06:56	1	D367419.D	Rtx-624 0.25(mm)
LCSD 460-212899/4		03/16/2014 07:22	1	D367420.D	Rtx-624 0.25(mm)
MB 460-212899/6		03/16/2014 08:30	1	D367422.D	Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 08:53	1		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 09:16	1		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 09:39	1		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 10:02	1		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 10:25	1		Rtx-624 0.25(mm)
460-72174-16	PMP-2SW-VD	03/16/2014 11:10	1	D367429.D	Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 11:56	1		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 12:19	1		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 12:41	1		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 13:04	1		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 13:27	1		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 13:50	1		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 14:35	1		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 14:58	1		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 15:21	1		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 15:43	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 03/09/2014 09:42

Analysis Batch Number: 211477 End Date: 03/09/2014 21:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-211477/1		03/09/2014 09:42	1	J09761.D	Rtx-624 0.25(mm)
STD1 460-211477/4 IC		03/09/2014 11:30	1	J09765.D	Rtx-624 0.25(mm)
STD5 460-211477/5 IC		03/09/2014 11:55	1	J09766.D	Rtx-624 0.25(mm)
STD20 460-211477/6 ICIS		03/09/2014 12:19	1	J09767.D	Rtx-624 0.25(mm)
STD50 460-211477/7 IC		03/09/2014 12:44	1	J09768.D	Rtx-624 0.25(mm)
STD200 460-211477/8 IC		03/09/2014 13:09	1	J09769.D	Rtx-624 0.25(mm)
STD500 460-211477/9 IC		03/09/2014 13:34	1	J09770.D	Rtx-624 0.25(mm)
ICV 460-211477/15		03/09/2014 21:52	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 03/12/2014 20:36

Analysis Batch Number: 212239 End Date: 03/13/2014 06:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-212239/1		03/12/2014 20:36	1	J09912.D	Rtx-624 0.25(mm)
CCVIS 460-212239/2		03/12/2014 21:02	1	J09913.D	Rtx-624 0.25(mm)
LCS 460-212239/3		03/12/2014 21:27	50	J09914.D	Rtx-624 0.25(mm)
ZZZZZ		03/12/2014 21:52	50		Rtx-624 0.25(mm)
MB 460-212239/6		03/12/2014 22:42	50	J09917.D	Rtx-624 0.25(mm)
ZZZZZ		03/13/2014 00:13	200		Rtx-624 0.25(mm)
460-72174-11 MS	PMP-5SW-WT MS	03/13/2014 01:17	100	J09921.D	Rtx-624 0.25(mm)
460-72174-11 MSD	PMP-5SW-WT MSD	03/13/2014 01:42	100	J09922.D	Rtx-624 0.25(mm)
ZZZZZ		03/13/2014 02:56	50		Rtx-624 0.25(mm)
460-72174-11	PMP-5SW-WT	03/13/2014 03:21	50	J09926.D	Rtx-624 0.25(mm)
ZZZZZ		03/13/2014 04:37	50		Rtx-624 0.25(mm)
ZZZZZ		03/13/2014 05:01	50		Rtx-624 0.25(mm)
ZZZZZ		03/13/2014 06:16	50		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 03/13/2014 07:37

Analysis Batch Number: 212315 End Date: 03/13/2014 20:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-212315/1		03/13/2014 07:37	1	J09935.D	Rtx-624 0.25(mm)
CCVIS 460-212315/3		03/13/2014 08:57	1	J09937.D	Rtx-624 0.25(mm)
LCS 460-212315/4		03/13/2014 09:44	50	J09938.D	Rtx-624 0.25(mm)
LCSD 460-212315/5		03/13/2014 10:09	50	J09939.D	Rtx-624 0.25(mm)
MB 460-212315/7		03/13/2014 11:10	50	J09941.D	Rtx-624 0.25(mm)
ZZZZZ		03/13/2014 12:30	50		Rtx-624 0.25(mm)
ZZZZZ		03/13/2014 13:21	500		Rtx-624 0.25(mm)
ZZZZZ		03/13/2014 13:46	200		Rtx-624 0.25(mm)
ZZZZZ		03/13/2014 14:10	50		Rtx-624 0.25(mm)
ZZZZZ		03/13/2014 14:35	100		Rtx-624 0.25(mm)
ZZZZZ		03/13/2014 15:00	100		Rtx-624 0.25(mm)
ZZZZZ		03/13/2014 15:49	50		Rtx-624 0.25(mm)
ZZZZZ		03/13/2014 16:14	500		Rtx-624 0.25(mm)
460-72174-17	PMP-2SW-WT	03/13/2014 16:39	50	J09952.D	Rtx-624 0.25(mm)
460-72174-12	PMP-5SW-SI	03/13/2014 17:03	50	J09953.D	Rtx-624 0.25(mm)
460-72174-30	PMP-24SW-SI	03/13/2014 17:53	50	J09955.D	Rtx-624 0.25(mm)
460-72174-33	PMP-7SW-SI	03/13/2014 18:17	50	J09956.D	Rtx-624 0.25(mm)
460-72174-35	PMP-9SW-WT	03/13/2014 18:42	50	J09957.D	Rtx-624 0.25(mm)
460-72174-29	PMP-24SW-WT	03/13/2014 19:56	500	J09960.D	Rtx-624 0.25(mm)
460-72174-32	PMP-7SW-WI	03/13/2014 20:21	50	J09961.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 03/13/2014 21:16

Analysis Batch Number: 212509 End Date: 03/14/2014 06:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-212509/1		03/13/2014 21:16	1	J09962.D	Rtx-624 0.25(mm)
CCVIS 460-212509/2		03/13/2014 21:43	1	J09963.D	Rtx-624 0.25(mm)
LCS 460-212509/3		03/13/2014 22:08	50	J09964.D	Rtx-624 0.25(mm)
ZZZZZ		03/13/2014 22:32	50		Rtx-624 0.25(mm)
MB 460-212509/6		03/13/2014 23:22	50	J09967.D	Rtx-624 0.25(mm)
460-72174-26	PMP-28SW-WT	03/13/2014 23:47	50	J09968.D	Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 00:36	50		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 01:01	50		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 01:50	50		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 02:15	50		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 02:40	50		Rtx-624 0.25(mm)
460-72174-26 MS	PMP-28SW-WT MS	03/14/2014 03:04	100	J09976.D	Rtx-624 0.25(mm)
460-72174-26 MSD	PMP-28SW-WT MSD	03/14/2014 03:29	100	J09977.D	Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 04:18	50		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 04:43	50		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 05:08	50		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 05:33	50		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 06:22	50		Rtx-624 0.25(mm)
ZZZZZ		03/14/2014 06:47	50		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 03/14/2014 22:40

Analysis Batch Number: 212770 End Date: 03/15/2014 10:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-212770/1		03/14/2014 22:40	1	J10015.D	Rtx-624 0.25(mm)
CCVIS 460-212770/2		03/14/2014 23:04	1	J10016.D	Rtx-624 0.25(mm)
LCS 460-212770/3		03/14/2014 23:29	50	J10017.D	Rtx-624 0.25(mm)
MB 460-212770/6		03/15/2014 00:44	50	J10020.D	Rtx-624 0.25(mm)
ZZZZZ		03/15/2014 01:09	50		Rtx-624 0.25(mm)
ZZZZZ		03/15/2014 01:34	50		Rtx-624 0.25(mm)
ZZZZZ		03/15/2014 01:59	50		Rtx-624 0.25(mm)
ZZZZZ		03/15/2014 03:52	50		Rtx-624 0.25(mm)
ZZZZZ		03/15/2014 04:34	50		Rtx-624 0.25(mm)
ZZZZZ		03/15/2014 04:59	50		Rtx-624 0.25(mm)
ZZZZZ		03/15/2014 05:24	50		Rtx-624 0.25(mm)
ZZZZZ		03/15/2014 05:49	50		Rtx-624 0.25(mm)
ZZZZZ		03/15/2014 06:13	50		Rtx-624 0.25(mm)
ZZZZZ		03/15/2014 06:38	50		Rtx-624 0.25(mm)
ZZZZZ		03/15/2014 07:03	50		Rtx-624 0.25(mm)
460-72284-A-9-A MS		03/15/2014 07:28	100	J10032.D	Rtx-624 0.25(mm)
460-72284-A-9-A MSD		03/15/2014 07:53	100	J10033.D	Rtx-624 0.25(mm)
ZZZZZ		03/15/2014 09:07	50		Rtx-624 0.25(mm)
460-72174-24	PMP-13SW-SD	03/15/2014 09:32	50	J10037.D	Rtx-624 0.25(mm)
ZZZZZ		03/15/2014 10:22	50		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 03/16/2014 06:25

Analysis Batch Number: 212905 End Date: 03/16/2014 18:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-212905/1		03/16/2014 06:25	1	J10061.D	Rtx-624 0.25(mm)
CCVIS 460-212905/2		03/16/2014 06:51	1	J10062.D	Rtx-624 0.25(mm)
LCS 460-212905/3		03/16/2014 07:15	50	J10063.D	Rtx-624 0.25(mm)
LCSD 460-212905/4		03/16/2014 07:40	50	J10064.D	Rtx-624 0.25(mm)
MB 460-212905/6		03/16/2014 08:30	50	J10066.D	Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 09:48	50		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 10:14	50		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 10:39	100		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 11:04	100		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 11:29	500		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 11:53	2000		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 12:43	50		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 13:08	100		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 13:32	100		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 14:47	50		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 15:12	50		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 15:36	50		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 16:01	50		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 16:26	50		Rtx-624 0.25(mm)
ZZZZZ		03/16/2014 16:51	50		Rtx-624 0.25(mm)
460-72174-20	PMP-24SW-VD	03/16/2014 17:15	1000	J10087.D	Rtx-624 0.25(mm)
460-72174-22	PMP-13SW-WT	03/16/2014 18:05	50	J10089.D	Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211405 Batch Start Date: 03/08/14 13:03 Batch Analyst: Sarmiento, Daniel

Batch Method: 5035 Batch End Date: 03/08/14 14:18

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	VMC8PrepSU 00028	
460-72174-A-11	PMP-5SW-WT	5035, 8260B	T	+033.174 g	39.37 g	6.196 g	10 mL	10 mL	
460-72174-A-12	PMP-5SW-SI	5035, 8260B	T	+033.388 g	40.28 g	6.892 g	10 mL	10 mL	
460-72174-A-17	PMP-2SW-WT	5035, 8260B	T	+032.888 g	39.76 g	6.872 g	10 mL	10 mL	
460-72174-A-20	PMP-24SW-VD	5035, 8260B	T	+033.070 g	41.22 g	8.15 g	10 mL	10 mL	
460-72174-A-22	PMP-13SW-WT	5035, 8260B	T	+034.516 g	44.88 g	10.364 g	10 mL	10 mL	
460-72174-A-24	PMP-13SW-SD	5035, 8260B	T	+033.110 g	39.53 g	6.42 g	10 mL	10 mL	
460-72174-A-26	PMP-28SW-WT	5035, 8260B	T	+033.074 g	38.53 g	5.456 g	10 mL	10 mL	
460-72174-A-29	PMP-24SW-WT	5035, 8260B	T	+033.525 g	39.87 g	6.345 g	10 mL	10 mL	
460-72174-A-30	PMP-24SW-SI	5035, 8260B	T	+033.317 g	38.38 g	5.063 g	10 mL	10 mL	
460-72174-A-32	PMP-7SW-WI	5035, 8260B	T	+033.042 g	41.26 g	8.218 g	10 mL	10 mL	
460-72174-A-33	PMP-7SW-SI	5035, 8260B	T	+033.139 g	39.24 g	6.101 g	10 mL	10 mL	
460-72174-A-35	PMP-9SW-WT	5035, 8260B	T	+033.461 g	40.80 g	7.339 g	10 mL	10 mL	

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211417 Batch Start Date: 03/08/14 15:10 Batch Analyst: Sarmiento, Daniel

Batch Method: 5035 Batch End Date: 03/08/14 18:32

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	AnalysisComment	
460-72174-B-1	PMP-14SW-VS	5035, 8260B	T	+030.287 g	35.36 g	5.073 g	5 mL	frozen 03/07/14 @ 19:20	
460-72174-C-2	PMP-23SW-VS	5035, 8260B	T	+030.990 g	34.27 g	3.28 g	5 mL	frozen 03/07/14 @ 19:20	
460-72174-C-3	PMP-23SW-VD	5035, 8260B	T	+032.532 g	36.29 g	3.758 g	5 mL	frozen 03/07/14 @ 19:20	
460-72174-B-4	PMP-23SW-WT	5035, 8260B	T	+030.204 g	36.86 g	6.656 g	5 mL	frozen 03/07/14 @ 19:20	
460-72174-B-5	PMP-8SW-VS	5035, 8260B	T	+030.321 g	36.65 g	6.329 g	5 mL	frozen 03/07/14 @ 19:20	
460-72174-C-6	PMP-4SW-VS	5035, 8260B	T	+030.799 g	37.19 g	6.391 g	5 mL	frozen 03/07/14 @ 19:20	
460-72174-B-7	PMP-4SW-VD	5035, 8260B	T	+030.440 g	36.45 g	6.01 g	5 mL	frozen 03/07/14 @ 19:20	
460-72174-B-8	PMP-22SW-VS	5035, 8260B	T	+030.459 g	36.11 g	5.651 g	5 mL	frozen 03/07/14 @ 19:20	
460-72174-B-9	PMP-22SW-VD	5035, 8260B	T	+031.441 g	37.86 g	6.419 g	5 mL	frozen 03/07/14 @ 19:20	
460-72174-B-10	PMP-22SW-WT	5035, 8260B	T	+030.847 g	36.76 g	5.913 g	5 mL	frozen 03/07/14 @ 19:20	
460-72174-B-13	PMP-6SW-VD	5035, 8260B	T	+031.842 g	37.88 g	6.038 g	5 mL	frozen 03/07/14 @ 19:20	
460-72174-B-14	PMP-6SW-WT	5035, 8260B	T	+031.490 g	37.92 g	6.43 g	5 mL	frozen 03/07/14 @ 19:20	
460-72174-B-15	PMP-6SW-SI	5035, 8260B	T	+030.286 g	36.59 g	6.304 g	5 mL	frozen 03/07/14 @ 19:20	
460-72174-C-16	PMP-2SW-VD	5035, 8260B	T	+031.712 g	38.07 g	6.358 g	5 mL	frozen 03/07/14 @ 19:20	
460-72174-B-18	PMP-2SW-SI	5035, 8260B	T	+031.581 g	36.75 g	5.169 g	5 mL	frozen 03/07/14 @ 19:20	
460-72174-B-19	PMP-24SW-VS	5035, 8260B	T	+030.567 g	37.52 g	6.953 g	5 mL	frozen 03/07/14 @ 19:20	
460-72174-B-21	PMP-10SW-SD	5035, 8260B	T	+031.685 g	38.19 g	6.505 g	5 mL	frozen 03/07/14 @ 19:20	
460-72174-B-23	PMP-13SW-SI	5035, 8260B	T	+031.005 g	37.40 g	6.395 g	5 mL	frozen 03/07/14 @ 19:20	
460-72174-B-25	PMP-28SW-VD	5035, 8260B	T	+030.735 g	35.86 g	5.125 g	5 mL	frozen 03/07/14 @ 19:20	
460-72174-B-27	PMP-28SW-SI	5035, 8260B	T	+030.561 g	35.86 g	5.299 g	5 mL	frozen 03/07/14 @ 19:20	
460-72174-C-31	PMP-7SW-VD	5035, 8260B	T	+030.671 g	37.10 g	6.429 g	5 mL	frozen 03/07/14 @ 19:20	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211417 Batch Start Date: 03/08/14 15:10 Batch Analyst: Sarmiento, Daniel

Batch Method: 5035 Batch End Date: 03/08/14 18:32

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	AnalysisComment	
460-72174-C-34	PMP-9SW-VD	5035, 8260B	T	+030.291 g	36.57 g	6.279 g	5 mL	frozen 03/07/14 @ 19:20	
460-72174-C-36	PMP-9SW-SI	5035, 8260B	T	+030.155 g	37.16 g	7.005 g	5 mL	frozen 03/07/14 @ 19:20	
460-72174-B-37	PMP-10SW-WI	5035, 8260B	T	+030.589 g	36.14 g	5.551 g	5 mL	frozen 03/07/14 @ 19:20	
460-72174-B-38	PMP-10SW-SI	5035, 8260B	T	+031.581 g	37.61 g	6.029 g	5 mL	frozen 03/07/14 @ 19:20	

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8270C

Semivolatile Organic Compounds (GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtxi-5Sil MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
PMP-14SW-VS	460-72174-1	83	88	84	81	93	102
PMP-23SW-VS	460-72174-2	76	82	78	95	75	76
PMP-23SW-VD	460-72174-3	84	98	77	85	110	113
PMP-23SW-WT	460-72174-4	81	96	78	75	106	109
PMP-8SW-VS	460-72174-5	75	79	85	100	81	72
PMP-4SW-VS	460-72174-6	85	87	81	94	87	91
PMP-4SW-VD	460-72174-7	71	87	69	91	85	101
PMP-22SW-VS	460-72174-8	63	80	59	82	88	90
PMP-22SW-VD	460-72174-9	77	88	68	73	95	104
PMP-22SW-WT	460-72174-10	63	78	51	61	88	104
PMP-5SW-WT	460-72174-11	68	77	74	94	86	86
PMP-5SW-SI	460-72174-12	68	79	71	81	109	83
PMP-6SW-VD	460-72174-13	48	68	40	49	85	91
PMP-6SW-WT	460-72174-14	51	63	55	80	112	89
PMP-6SW-SI	460-72174-15	58	77	52	79	115 X	88
PMP-2SW-VD	460-72174-16	57	69	57	83	97	87
PMP-2SW-WT	460-72174-17	56	68	54	86	112	91
PMP-2SW-SI	460-72174-18	56	71	53	66	101	108
PMP-24SW-VS	460-72174-19	57	69	46	65	70	94
PMP-24SW-VD DL	460-72174-20 DL	0 D	0 D	0 D	0 D	0 D	0 D
PMP-10SW-SD	460-72174-21	81	84	88	91	87	102
PMP-13SW-WT	460-72174-22	60	63	74	83	35	83
PMP-13SW-SI	460-72174-23	81	83	91	93	88	97
PMP-13SW-SD	460-72174-24	83	85	93	100	93	85
PMP-28SW-VD	460-72174-25	81	84	91	93	90	90
PMP-28SW-WT	460-72174-26	79	83	92	99	61	100
PMP-28SW-SI	460-72174-27	83	85	94	94	94	98
PMP-24SW-WT DL	460-72174-29 DL	0 D	0 D	0 D	0 D	0 D	0 D
PMP-24SW-SI	460-72174-30	85	85	94	107	87	86
PMP-7SW-VD	460-72174-31	85	92	101	98	63	80
PMP-7SW-WI	460-72174-32	58	73	85	104	52	80
PMP-7SW-SI	460-72174-33	67	66	76	86	55	75
PMP-9SW-VD	460-72174-34	89	93	97	97	95	112
PMP-9SW-WT	460-72174-35	71	78	90	102	52	86
PMP-9SW-SI	460-72174-36	72	77	82	84	87	81

	QC LIMITS
2FP = 2-Fluorophenol	39-103
PHL = Phenol-d5	44-104
NBZ = Nitrobenzene-d5	40-106
FBP = 2-Fluorobiphenyl	49-112
TBP = 2,4,6-Tribromophenol	19-114
TPH = Terphenyl-d14	41-145

Column to be used to flag recovery values

FORM II 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtxi-5Sil MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
PMP-10SW-WI	460-72174-37	90	94	99	96	87	84
PMP-10SW-SI	460-72174-38	87	89	97	99	94	103
	MB 460-211603/1-A	75	86	76	84	111	85
	MB 460-211728/1-A	85	88	95	92	84	111
	LCS 460-211603/2-A	86	90	90	88	113	108
	LCS 460-211603/3-A	71	74	72	72	91	79
	LCS 460-211728/2-A	80	82	91	94	92	99
	LCS 460-211728/3-A	85	88	96	96	85	111
PMP-14SW-VS MS	460-72174-1 MS	80	87	86	97	113	98
PMP-9SW-VD MS	460-72174-34 MS	86	90	95	98	103	107
PMP-14SW-VS MSD	460-72174-1 MSD	83	84	82	90	107	97
PMP-9SW-VD MSD	460-72174-34 MSD	72	74	81	85	83	86

	QC LIMITS
2FP = 2-Fluorophenol	39-103
PHL = Phenol-d5	44-104
NBZ = Nitrobenzene-d5	40-106
FBP = 2-Fluorobiphenyl	49-112
TBP = 2,4,6-Tribromophenol	19-114
TPH = Terphenyl-d14	41-145

Column to be used to flag recovery values

FORM II 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
FB-030614	460-72174-28	30	16	75	71	81	75
	MB 460-211622/1-A	38	23	85	80	79	76
	LCS 460-211622/2-A	38	20	88	82	96	62
	LCS 460-211622/4-A	41	24	91	83	89	83
	LCSD 460-211622/3-A	36	20	84	77	93	56
	LCSD 460-211622/5-A	40	24	87	81	84	80

	QC LIMITS
2FP = 2-Fluorophenol	10-65
PHL = Phenol-d5	10-48
NBZ = Nitrobenzene-d5	56-112
FBP = 2-Fluorobiphenyl	53-108
TBP = 2,4,6-Tribromophenol	46-122
TPH = Terphenyl-d14	50-122

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: U94408.D

Lab ID: LCS 460-211603/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	6670	3760	56	10-139	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: U94409.D

Lab ID: LCS 460-211603/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	3330	2640	79	46-97	
2-Chlorophenol	3330	2720	82	49-96	
2-Methylphenol	3330	2790	84	47-99	
4-Methylphenol	3330	2760	83	43-100	
Acetophenone	3330	2490	75	10-126	
Bis(2-chloroethyl)ether	3330	2400	72	45-92	
2,2'-oxybis[1-chloropropane]	3330	2540	76	31-101	
N-Nitrosodi-n-propylamine	3330	2680	80	49-99	
Nitrobenzene	3330	2510	75	33-72	*
Hexachloroethane	3330	2330	70	47-88	
Isophorone	3330	2680	80	51-100	
2-Nitrophenol	3330	2780	83	51-98	
2,4-Dimethylphenol	3330	2710	81	46-95	
2,4-Dichlorophenol	3330	2610	78	50-100	
Bis(2-chloroethoxy)methane	3330	2560	77	48-95	
Naphthalene	3330	2620	79	48-92	
4-Chloroaniline	3330	949	28	10-86	
Hexachlorobutadiene	3330	2590	78	49-97	
Caprolactam	3330	3240	97	10-120	
4-Chloro-3-methylphenol	3330	2820	85	50-102	
2-Methylnaphthalene	3330	2650	79	52-100	
Hexachlorobenzene	3330	3460	104	50-104	
Hexachlorocyclopentadiene	3330	1860	56	43-115	
2,4,6-Trichlorophenol	3330	3000	90	49-96	
2,4,5-Trichlorophenol	3330	3030	91	49-96	
Diphenyl	3330	2450	73	10-134	
2-Chloronaphthalene	3330	2420	73	49-93	
2-Nitroaniline	3330	2620	79	35-92	
2,6-Dinitrotoluene	3330	2980	89	52-104	
Dimethyl phthalate	3330	2910	87	51-99	
Acenaphthylene	3330	2540	76	49-97	
3-Nitroaniline	3330	1540	46	19-90	
Acenaphthene	3330	2450	73	48-99	
4-Nitrophenol	6670	6260	94	34-112	
2,4-Dinitrophenol	6670	5460	82	10-139	
Dibenzofuran	3330	2680	80	50-96	
Diethyl phthalate	3330	2850	85	46-100	
Fluorene	3330	2720	82	50-95	
Fluoranthene	3330	2980	89	45-101	
Di-n-butyl phthalate	3330	2270	68	50-99	
2,4-Dinitrotoluene	3330	3210	96	49-102	
4-Chlorophenyl phenyl ether	3330	3150	94	49-95	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: U94409.D

Lab ID: LCS 460-211603/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Nitroaniline	3330	3000	90	33-102	
4,6-Dinitro-2-methylphenol	6670	5560	83	14-128	
4-Bromophenyl phenyl ether	3330	2340	70	50-103	
Atrazine	3330	2440	73	10-147	
Anthracene	3330	2260	68	51-97	
Carbazole	3330	2450	74	50-102	
Phenanthrene	3330	2440	73	51-97	
Pentachlorophenol	6670	4930	74	37-99	
Pyrene	3330	2870	86	39-119	
Chrysene	3330	2550	77	50-94	
Benzo[k]fluoranthene	3330	2690	81	53-113	
Benzo[g,h,i]perylene	3330	2240	67	46-120	
Benzo[b]fluoranthene	3330	2580	78	55-115	
Benzo[a]pyrene	3330	2480	74	59-116	
Benzo[a]anthracene	3330	2560	77	51-97	
N-Nitrosodiphenylamine	3330	2190	66	51-103	
Butyl benzyl phthalate	3330	2650	79	47-107	
Bis(2-ethylhexyl) phthalate	3330	2550	76	47-102	
Di-n-octyl phthalate	3330	2490	75	43-120	
Indeno[1,2,3-cd]pyrene	3330	2400	72	47-124	
Dibenz(a,h)anthracene	3330	2430	73	48-115	
3,3'-Dichlorobenzidine	3330	1480	44	9-89	
1,2,4,5-Tetrachlorobenzene	3330	2670	80	45-95	
2,3,4,6-Tetrachlorophenol	3330	2900	87	49-104	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z8777.D

Lab ID: LCS 460-211622/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Phenol	100	20.8	21	12-44	
2-Chlorophenol	100	69.3	69	53-101	
2-Methylphenol	100	55.8	56	40-90	
4-Methylphenol	100	46.2	46	30-75	
Acetophenone	100	84.4	84	68-109	
Bis(2-chloroethyl)ether	100	87.8	88	62-108	
2,2'-oxybis[1-chloropropane]	100	89.6	90	68-107	
N-Nitrosodi-n-propylamine	100	90.3	90	70-109	
Nitrobenzene	100	83.7	84	66-106	
Hexachloroethane	100	86.2	86	50-99	
Isophorone	100	89.4	89	68-108	
2-Nitrophenol	100	81.8	82	65-107	
2,4-Dimethylphenol	100	74.4	74	55-100	
2,4-Dichlorophenol	100	80.4	80	64-107	
Bis(2-chloroethoxy)methane	100	88.1	88	69-108	
Naphthalene	100	83.6	84	63-101	
4-Chloroaniline	100	71.5	72	58-105	
Hexachlorobutadiene	100	89.8	90	52-99	
Caprolactam	100	14.5	14	10-30	
4-Chloro-3-methylphenol	100	77.5	78	57-106	
2-Methylnaphthalene	100	82.9	83	66-102	
Hexachlorobenzene	100	90.4	90	65-107	
Hexachlorocyclopentadiene	100	73.8	74	40-105	
2,4,6-Trichlorophenol	100	86.3	86	67-111	
2,4,5-Trichlorophenol	100	86.1	86	67-114	
Diphenyl	100	81.5	81	66-112	
2-Chloronaphthalene	100	84.2	84	65-107	
2-Nitroaniline	100	94.0	94	73-116	
2,6-Dinitrotoluene	100	98.7	99	68-114	
Dimethyl phthalate	100	90.1	90	69-111	
Acenaphthylene	100	85.8	86	67-107	
3-Nitroaniline	100	81.2	81	59-108	
Acenaphthene	100	79.9	80	66-108	
4-Nitrophenol	200	63.2	32	10-44	
2,4-Dinitrophenol	200	136	68	19-113	
Dibenzofuran	100	85.3	85	68-105	
Diethyl phthalate	100	92.2	92	66-109	
Fluorene	100	82.9	83	68-105	
Fluoranthene	100	86.5	86	68-108	
Di-n-butyl phthalate	100	86.2	86	68-111	
2,4-Dinitrotoluene	100	92.6	93	65-113	
4-Chlorophenyl phenyl ether	100	86.6	87	68-105	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z8777.D

Lab ID: LCS 460-211622/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
4-Nitroaniline	100	83.0	83	49-119	
4,6-Dinitro-2-methylphenol	200	148	74	58-115	
4-Bromophenyl phenyl ether	100	82.1	82	66-110	
Atrazine	100	75.6	76	56-116	
Anthracene	100	81.5	81	68-108	
Carbazole	100	83.1	83	67-110	
Phenanthrene	100	79.8	80	68-110	
Pentachlorophenol	200	156	78	55-116	
Pyrene	100	80.0	80	61-110	
Chrysene	100	83.0	83	68-112	
Benzo[k]fluoranthene	100	86.8	87	66-114	
Benzo[g,h,i]perylene	100	92.7	93	65-134	
Benzo[b]fluoranthene	100	90.4	90	65-111	
Benzo[a]pyrene	100	83.7	84	58-101	
Benzo[a]anthracene	100	82.2	82	65-106	
N-Nitrosodiphenylamine	100	89.8	90	71-121	
Butyl benzyl phthalate	100	78.7	79	66-115	
Bis(2-ethylhexyl) phthalate	100	75.0	75	66-114	
Di-n-octyl phthalate	100	76.0	76	51-115	
Indeno[1,2,3-cd]pyrene	100	89.0	89	68-121	
Dibenz(a,h)anthracene	100	88.4	88	67-124	
3,3'-Dichlorobenzidine	100	78.9	79	69-129	
1,2,4,5-Tetrachlorobenzene	100	84.4	84	70-130	
2,3,4,6-Tetrachlorophenol	100	89.1	89	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z8779.D

Lab ID: LCS 460-211622/4-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	200	214	107	52-150	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L1147862.D

Lab ID: LCS 460-211728/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	3320	2390	72	46-97	
2-Chlorophenol	3320	2460	74	49-96	
2-Methylphenol	3320	2440	73	47-99	
4-Methylphenol	3320	2480	75	43-100	
Acetophenone	3320	2460	74	10-126	
Bis(2-chloroethyl)ether	3320	2610	79	45-92	
2,2'-oxybis[1-chloropropane]	3320	2570	77	31-101	
N-Nitrosodi-n-propylamine	3320	2660	80	49-99	
Nitrobenzene	3320	2760	83	33-72	*
Hexachloroethane	3320	2560	77	47-88	
Isophorone	3320	2650	80	51-100	
2-Nitrophenol	3320	2700	81	51-98	
2,4-Dimethylphenol	3320	2500	75	46-95	
2,4-Dichlorophenol	3320	2590	78	50-100	
Bis(2-chloroethoxy)methane	3320	2650	80	48-95	
Naphthalene	3320	2580	78	48-92	
4-Chloroaniline	3320	1230	37	10-86	
Hexachlorobutadiene	3320	2690	81	49-97	
Caprolactam	3320	2280	69	10-120	
4-Chloro-3-methylphenol	3320	2580	78	50-102	
2-Methylnaphthalene	3320	2620	79	52-100	
Hexachlorobenzene	3320	2860	86	50-104	
Hexachlorocyclopentadiene	3320	3310	100	43-115	
2,4,6-Trichlorophenol	3320	2710	82	49-96	
2,4,5-Trichlorophenol	3320	2750	83	49-96	
Diphenyl	3320	2750	83	10-134	
2-Chloronaphthalene	3320	2740	82	49-93	
2-Nitroaniline	3320	2700	81	35-92	
2,6-Dinitrotoluene	3320	2740	82	52-104	
Dimethyl phthalate	3320	2650	80	51-99	
Acenaphthylene	3320	2730	82	49-97	
3-Nitroaniline	3320	1800	54	19-90	
Acenaphthene	3320	2690	81	48-99	
4-Nitrophenol	6650	4740	71	34-112	
2,4-Dinitrophenol	6650	5090	77	10-139	
Dibenzofuran	3320	2660	80	50-96	
Diethyl phthalate	3320	2560	77	46-100	
Fluorene	3320	2630	79	50-95	
Fluoranthene	3320	2520	76	45-101	
Di-n-butyl phthalate	3320	2610	79	50-99	
2,4-Dinitrotoluene	3320	2660	80	49-102	
4-Chlorophenyl phenyl ether	3320	2690	81	49-95	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L1147862.D

Lab ID: LCS 460-211728/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Nitroaniline	3320	2470	74	33-102	
4,6-Dinitro-2-methylphenol	6650	5610	84	14-128	
4-Bromophenyl phenyl ether	3320	2900	87	50-103	
Atrazine	3320	2200	66	10-147	
Anthracene	3320	2700	81	51-97	
Carbazole	3320	2650	80	50-102	
Phenanthrene	3320	2700	81	51-97	
Pentachlorophenol	6650	5550	84	37-99	
Pyrene	3320	2980	90	39-119	
Chrysene	3320	2760	83	50-94	
Benzo[k]fluoranthene	3320	2790	84	53-113	
Benzo[g,h,i]perylene	3320	2740	82	46-120	
Benzo[b]fluoranthene	3320	2770	83	55-115	
Benzo[a]pyrene	3320	2800	84	59-116	
Benzo[a]anthracene	3320	2590	78	51-97	
N-Nitrosodiphenylamine	3320	2900	87	51-103	
Butyl benzyl phthalate	3320	2760	83	47-107	
Bis(2-ethylhexyl) phthalate	3320	2580	78	47-102	
Di-n-octyl phthalate	3320	2710	81	43-120	
Indeno[1,2,3-cd]pyrene	3320	2820	85	47-124	
Dibenz(a,h)anthracene	3320	2870	86	48-115	
3,3'-Dichlorobenzidine	3320	1830	55	9-89	
1,2,4,5-Tetrachlorobenzene	3320	2790	84	45-95	
2,3,4,6-Tetrachlorophenol	3320	2860	86	49-104	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L1147863.D

Lab ID: LCS 460-211728/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	6650	5340	80	10-139	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z8778.D

Lab ID: LCSD 460-211622/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	100	20.7	21	0	30	12-44	
2-Chlorophenol	100	66.1	66	5	30	53-101	
2-Methylphenol	100	53.8	54	4	30	40-90	
4-Methylphenol	100	43.6	44	6	30	30-75	
Acetophenone	100	80.4	80	5	30	68-109	
Bis(2-chloroethyl)ether	100	81.8	82	7	30	62-108	
2,2'-oxybis[1-chloropropane]	100	85.0	85	5	30	68-107	
N-Nitrosodi-n-propylamine	100	86.1	86	5	30	70-109	
Nitrobenzene	100	80.6	81	4	30	66-106	
Hexachloroethane	100	82.7	83	4	30	50-99	
Isophorone	100	82.8	83	8	30	68-108	
2-Nitrophenol	100	77.0	77	6	30	65-107	
2,4-Dimethylphenol	100	68.9	69	8	30	55-100	
2,4-Dichlorophenol	100	74.6	75	7	30	64-107	
Bis(2-chloroethoxy)methane	100	81.8	82	7	30	69-108	
Naphthalene	100	78.0	78	7	30	63-101	
4-Chloroaniline	100	67.8	68	5	30	58-105	
Hexachlorobutadiene	100	83.7	84	7	30	52-99	
Caprolactam	100	14.5	14	0	30	10-30	
4-Chloro-3-methylphenol	100	74.1	74	5	30	57-106	
2-Methylnaphthalene	100	77.9	78	6	30	66-102	
Hexachlorobenzene	100	84.6	85	7	30	65-107	
Hexachlorocyclopentadiene	100	72.6	73	2	30	40-105	
2,4,6-Trichlorophenol	100	80.7	81	7	30	67-111	
2,4,5-Trichlorophenol	100	84.0	84	2	30	67-114	
Diphenyl	100	77.6	78	5	30	66-112	
2-Chloronaphthalene	100	80.4	80	5	30	65-107	
2-Nitroaniline	100	88.1	88	6	30	73-116	
2,6-Dinitrotoluene	100	94.1	94	5	30	68-114	
Dimethyl phthalate	100	88.6	89	2	30	69-111	
Acenaphthylene	100	81.2	81	6	30	67-107	
3-Nitroaniline	100	83.7	84	3	30	59-108	
Acenaphthene	100	74.5	75	7	30	66-108	
4-Nitrophenol	200	62.3	31	2	30	10-44	
2,4-Dinitrophenol	200	152	76	11	30	19-113	
Dibenzofuran	100	81.3	81	5	30	68-105	
Diethyl phthalate	100	89.5	89	3	30	66-109	
Fluorene	100	79.8	80	4	30	68-105	
Fluoranthene	100	84.8	85	2	30	68-108	
Di-n-butyl phthalate	100	83.7	84	3	30	68-111	
2,4-Dinitrotoluene	100	91.6	92	1	30	65-113	
4-Chlorophenyl phenyl ether	100	82.4	82	5	30	68-105	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z8778.D

Lab ID: LCSD 460-211622/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Nitroaniline	100	87.0	87	5	30	49-119	
4,6-Dinitro-2-methylphenol	200	154	77	4	30	58-115	
4-Bromophenyl phenyl ether	100	74.9	75	9	30	66-110	
Atrazine	100	74.0	74	2	30	56-116	
Anthracene	100	76.0	76	7	30	68-108	
Carbazole	100	81.5	82	2	30	67-110	
Phenanthrene	100	76.8	77	4	30	68-110	
Pentachlorophenol	200	152	76	3	30	55-116	
Pyrene	100	73.4	73	8	30	61-110	
Chrysene	100	77.5	77	7	30	68-112	
Benzo[k]fluoranthene	100	82.0	82	6	30	66-114	
Benzo[g,h,i]perylene	100	81.6	82	13	30	65-134	
Benzo[b]fluoranthene	100	84.3	84	7	30	65-111	
Benzo[a]pyrene	100	79.6	80	5	30	58-101	
Benzo[a]anthracene	100	80.0	80	3	30	65-106	
N-Nitrosodiphenylamine	100	83.6	84	7	30	71-121	
Butyl benzyl phthalate	100	78.1	78	1	30	66-115	
Bis(2-ethylhexyl) phthalate	100	72.0	72	4	30	66-114	
Di-n-octyl phthalate	100	72.9	73	4	30	51-115	
Indeno[1,2,3-cd]pyrene	100	81.2	81	9	30	68-121	
Dibenz(a,h)anthracene	100	83.7	84	5	30	67-124	
3,3'-Dichlorobenzidine	100	76.3	76	3	30	69-129	
1,2,4,5-Tetrachlorobenzene	100	80.1	80	5	30	70-130	
2,3,4,6-Tetrachlorophenol	100	88.6	89	1	30	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z8780.D

Lab ID: LCSD 460-211622/5-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzaldehyde	200	210	105	2	30	52-150	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: U94423.D

Lab ID: 460-72174-1 MS Client ID: PMP-14SW-VS MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	3540	47 U	3250	92	46-97	
2-Chlorophenol	3540	46 U	3200	90	49-96	
2-Methylphenol	3540	60 U	3300	93	47-99	
4-Methylphenol	3540	69 U	3380	95	43-100	
Benzaldehyde	7080	41 U	4700	66	10-139	
Acetophenone	3540	54 U	3120	88	10-126	
Bis(2-chloroethyl)ether	3540	4.8 U	2860	81	45-92	
2,2'-oxybis[1-chloropropane]	3540	39 U	2970	84	31-101	
N-Nitrosodi-n-propylamine	3540	5.9 U	3200	91	49-99	
Nitrobenzene	3540	5.0 U	3000	85	33-72	F1
Hexachloroethane	3540	3.9 U	2570	73	47-88	
Isophorone	3540	43 U	3280	93	51-100	
2-Nitrophenol	3540	39 U	3090	87	51-98	
2,4-Dimethylphenol	3540	87 U	3370	95	46-95	
2,4-Dichlorophenol	3540	51 U	3180	90	50-100	
Bis(2-chloroethoxy)methane	3540	45 U	3070	87	48-95	
Naphthalene	3540	41 U	3130	89	48-92	
4-Chloroaniline	3540	93 U	1310	37	10-86	
Hexachlorobutadiene	3540	8.6 U	2920	82	49-97	
Caprolactam	3540	81 U	3830	108	10-120	
4-Chloro-3-methylphenol	3540	53 U	3370	95	50-102	
2-Methylnaphthalene	3540	45 U	3010	85	52-100	
Hexachlorobenzene	3540	4.8 U	3970	112	50-104	F1
Hexachlorocyclopentadiene	3540	41 U	1790	50	43-115	
2,4,6-Trichlorophenol	3540	41 U	3710	105	49-96	F1
2,4,5-Trichlorophenol	3540	45 U	3630	103	49-96	F1
Diphenyl	3540	47 U	2880	82	10-134	
2-Chloronaphthalene	3540	39 U	3360	95	49-93	F1
2-Nitroaniline	3540	150 U	3560	101	35-92	F1
2,6-Dinitrotoluene	3540	11 U	3810	108	52-104	F1
Dimethyl phthalate	3540	42 U	3960	112	51-99	F1
Acenaphthylene	3540	42 U	3250	92	49-97	
3-Nitroaniline	3540	120 U	2920	82	19-90	
Acenaphthene	3540	51 U	2890	82	48-99	
4-Nitrophenol	7080	230 U	7790	110	34-112	
2,4-Dinitrophenol	7080	200 U	5100	72	10-139	
Dibenzofuran	3540	41 U	3630	103	50-96	F1
Diethyl phthalate	3540	42 U	4200	119	46-100	F1
Fluorene	3540	45 U	3520	99	50-95	F1
Fluoranthene	3540	47 U	3360	95	45-101	
Di-n-butyl phthalate	3540	43 U	3220	91	50-99	
2,4-Dinitrotoluene	3540	12 U	4310	122	49-102	F1

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: U94423.D

Lab ID: 460-72174-1 MS Client ID: PMP-14SW-VS MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3540	41 U	3680	104	49-95	F1
4-Nitroaniline	3540	110 U	3950	112	33-102	F1
4,6-Dinitro-2-methylphenol	7080	96 U	5800	82	14-128	
4-Bromophenyl phenyl ether	3540	35 U	3470	98	50-103	
Atrazine	3540	54 U	3270	92	10-147	
Anthracene	3540	43 U	3010	85	51-97	
Carbazole	3540	42 U	3170	90	50-102	
Phenanthrene	3540	45 U	3160	89	51-97	
Pentachlorophenol	7080	100 U	4160	59	37-99	
Pyrene	3540	29 U	3670	104	39-119	
Chrysene	3540	41 U	3530	100	50-94	F1
Benzo[k]fluoranthene	3540	2.7 U	3290	93	53-113	
Benzo[g,h,i]perylene	3540	26 U	2990	85	46-120	
Benzo[b]fluoranthene	3540	2.2 U	2930	83	55-115	
Benzo[a]pyrene	3540	2.5 U	3190	90	59-116	
Benzo[a]anthracene	3540	2.5 U	3260	92	51-97	
N-Nitrosodiphenylamine	3540	35 U	3130	89	51-103	
Butyl benzyl phthalate	3540	32 U	3410	96	47-107	
Bis(2-ethylhexyl) phthalate	3540	120 U	3210	91	47-102	
Di-n-octyl phthalate	3540	22 U	2520	71	43-120	
Indeno[1,2,3-cd]pyrene	3540	6.5 U	3130	89	47-124	
Dibenz(a,h)anthracene	3540	4.4 U	3220	91	48-115	
3,3'-Dichlorobenzidine	3540	120 U	2650	75	9-89	
1,2,4,5-Tetrachlorobenzene	3540	47 U	3310	94	45-95	
2,3,4,6-Tetrachlorophenol	3540	46 U	3470	98	49-104	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L1147864.D

Lab ID: 460-72174-34 MS Client ID: PMP-9SW-VD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	3530	47 U	2650	75	46-97	
2-Chlorophenol	3530	46 U	2690	76	49-96	
2-Methylphenol	3530	60 U	2730	77	47-99	
4-Methylphenol	3530	69 U	2810	80	43-100	
Benzaldehyde	7060	41 U	5170	73	10-139	
Acetophenone	3530	54 U	2770	78	10-126	
Bis(2-chloroethyl)ether	3530	4.8 U	2890	82	45-92	
2,2'-oxybis[1-chloropropane]	3530	39 U	2830	80	31-101	
N-Nitrosodi-n-propylamine	3530	5.9 U	2990	85	49-99	
Nitrobenzene	3530	5.0 U	3020	86	33-72	F1
Hexachloroethane	3530	3.9 U	2870	81	47-88	
Isophorone	3530	42 U	2910	82	51-100	
2-Nitrophenol	3530	39 U	2940	83	51-98	
2,4-Dimethylphenol	3530	86 U	2750	78	46-95	
2,4-Dichlorophenol	3530	51 U	2830	80	50-100	
Bis(2-chloroethoxy)methane	3530	45 U	2900	82	48-95	
Naphthalene	3530	41 U	2810	80	48-92	
4-Chloroaniline	3530	93 U	1280	36	10-86	
Hexachlorobutadiene	3530	8.6 U	2900	82	49-97	
Caprolactam	3530	81 U	2720	77	10-120	
4-Chloro-3-methylphenol	3530	53 U	2810	80	50-102	
2-Methylnaphthalene	3530	45 U	2890	82	52-100	
Hexachlorobenzene	3530	4.8 U	3110	88	50-104	
Hexachlorocyclopentadiene	3530	41 U	3620	103	43-115	
2,4,6-Trichlorophenol	3530	41 U	2940	83	49-96	
2,4,5-Trichlorophenol	3530	45 U	2960	84	49-96	
Diphenyl	3530	47 U	2930	83	10-134	
2-Chloronaphthalene	3530	39 U	2930	83	49-93	
2-Nitroaniline	3530	150 U	3020	85	35-92	
2,6-Dinitrotoluene	3530	11 U	2970	84	52-104	
Dimethyl phthalate	3530	42 U	2890	82	51-99	
Acenaphthylene	3530	41 U	2970	84	49-97	
3-Nitroaniline	3530	120 U	2000	57	19-90	
Acenaphthene	3530	51 U	2870	81	48-99	
4-Nitrophenol	7060	230 U	5530	78	34-112	
2,4-Dinitrophenol	7060	200 U	5630	80	10-139	
Dibenzofuran	3530	41 U	2870	81	50-96	
Diethyl phthalate	3530	42 U	2860	81	46-100	
Fluorene	3530	45 U	2840	80	50-95	
Fluoranthene	3530	47 U	2760	78	45-101	
Di-n-butyl phthalate	3530	43 U	2830	80	50-99	
2,4-Dinitrotoluene	3530	12 U	2960	84	49-102	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L1147864.D

Lab ID: 460-72174-34 MS Client ID: PMP-9SW-VD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3530	41 U	2890	82	49-95	
4-Nitroaniline	3530	110 U	2780	79	33-102	
4,6-Dinitro-2-methylphenol	7060	95 U	6070	86	14-128	
4-Bromophenyl phenyl ether	3530	35 U	3010	85	50-103	
Atrazine	3530	54 U	2420	68	10-147	
Anthracene	3530	43 U	2930	83	51-97	
Carbazole	3530	41 U	2890	82	50-102	
Phenanthrene	3530	45 U	2900	82	51-97	
Pentachlorophenol	7060	100 U	5950	84	37-99	
Pyrene	3530	29 U	3270	93	39-119	
Chrysene	3530	41 U	2960	84	50-94	
Benzo[k]fluoranthene	3530	2.7 U	2970	84	53-113	
Benzo[g,h,i]perylene	3530	26 U	2940	83	46-120	
Benzo[b]fluoranthene	3530	2.2 U	3130	89	55-115	
Benzo[a]pyrene	3530	2.5 U	3010	85	59-116	
Benzo[a]anthracene	3530	2.4 U	2830	80	51-97	
N-Nitrosodiphenylamine	3530	35 U	3060	87	51-103	
Butyl benzyl phthalate	3530	32 U	2990	85	47-107	
Bis(2-ethylhexyl) phthalate	3530	120 U	2810	79	47-102	
Di-n-octyl phthalate	3530	22 U	3040	86	43-120	
Indeno[1,2,3-cd]pyrene	3530	6.5 U	3050	86	47-124	
Dibenz(a,h)anthracene	3530	4.4 U	3040	86	48-115	
3,3'-Dichlorobenzidine	3530	120 U	1780	50	9-89	
1,2,4,5-Tetrachlorobenzene	3530	47 U	2990	85	45-95	
2,3,4,6-Tetrachlorophenol	3530	46 U	3080	87	49-104	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: U94424.D

Lab ID: 460-72174-1 MSD Client ID: PMP-14SW-VS MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	3540	3250	92	0	30	46-97	
2-Chlorophenol	3540	3370	95	5	30	49-96	
2-Methylphenol	3540	3170	89	4	30	47-99	
4-Methylphenol	3540	3290	93	3	30	43-100	
Benzaldehyde	7080	4640	66	1	30	10-139	
Acetophenone	3540	3150	89	1	30	10-126	
Bis(2-chloroethyl)ether	3540	2730	77	4	30	45-92	
2,2'-oxybis[1-chloropropane]	3540	2880	81	3	30	31-101	
N-Nitrosodi-n-propylamine	3540	2980	84	7	30	49-99	
Nitrobenzene	3540	3040	86	1	30	33-72	F1
Hexachloroethane	3540	2480	70	3	30	47-88	
Isophorone	3540	3250	92	1	30	51-100	
2-Nitrophenol	3540	3170	90	3	30	51-98	
2,4-Dimethylphenol	3540	2830	80	18	30	46-95	
2,4-Dichlorophenol	3540	3020	85	5	30	50-100	
Bis(2-chloroethoxy)methane	3540	3000	85	2	30	48-95	
Naphthalene	3540	2910	82	7	30	48-92	
4-Chloroaniline	3540	1110	31	16	30	10-86	
Hexachlorobutadiene	3540	2900	82	0	30	49-97	
Caprolactam	3540	3740	106	2	30	10-120	
4-Chloro-3-methylphenol	3540	3270	92	3	30	50-102	
2-Methylnaphthalene	3540	3130	88	4	30	52-100	
Hexachlorobenzene	3540	4150	117	4	30	50-104	F1
Hexachlorocyclopentadiene	3540	1590	45	12	30	43-115	
2,4,6-Trichlorophenol	3540	3710	105	0	30	49-96	F1
2,4,5-Trichlorophenol	3540	3410	96	6	30	49-96	
Diphenyl	3540	3100	88	7	30	10-134	
2-Chloronaphthalene	3540	3200	90	5	30	49-93	
2-Nitroaniline	3540	3390	96	5	30	35-92	F1
2,6-Dinitrotoluene	3540	3580	101	6	30	52-104	
Dimethyl phthalate	3540	3670	104	8	30	51-99	F1
Acenaphthylene	3540	3110	88	4	30	49-97	
3-Nitroaniline	3540	2590	73	12	30	19-90	
Acenaphthene	3540	2870	81	1	30	48-99	
4-Nitrophenol	7080	6770	96	14	30	34-112	
2,4-Dinitrophenol	7080	4710	66	8	30	10-139	
Dibenzofuran	3540	3330	94	9	30	50-96	
Diethyl phthalate	3540	3760	106	11	30	46-100	F1
Fluorene	3540	3270	92	7	30	50-95	
Fluoranthene	3540	3430	97	2	30	45-101	
Di-n-butyl phthalate	3540	2830	80	13	30	50-99	
2,4-Dinitrotoluene	3540	3890	110	10	30	49-102	F1

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: U94424.D

Lab ID: 460-72174-1 MSD Client ID: PMP-14SW-VS MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3540	3470	98	6	30	49-95	F1
4-Nitroaniline	3540	3640	103	8	30	33-102	F1
4,6-Dinitro-2-methylphenol	7080	5600	79	4	30	14-128	
4-Bromophenyl phenyl ether	3540	3350	95	4	30	50-103	
Atrazine	3540	3130	88	4	30	10-147	
Anthracene	3540	3000	85	0	30	51-97	
Carbazole	3540	3280	93	3	30	50-102	
Phenanthrene	3540	3110	88	2	30	51-97	
Pentachlorophenol	7080	4700	66	12	30	37-99	
Pyrene	3540	3540	100	4	30	39-119	
Chrysene	3540	3190	90	10	30	50-94	
Benzo[k]fluoranthene	3540	2760	78	18	30	53-113	
Benzo[g,h,i]perylene	3540	2500	70	18	30	46-120	
Benzo[b]fluoranthene	3540	2850	80	3	30	55-115	
Benzo[a]pyrene	3540	3040	86	5	30	59-116	
Benzo[a]anthracene	3540	3080	87	6	30	51-97	
N-Nitrosodiphenylamine	3540	3260	92	4	30	51-103	
Butyl benzyl phthalate	3540	3210	91	6	30	47-107	
Bis(2-ethylhexyl) phthalate	3540	3150	89	2	30	47-102	
Di-n-octyl phthalate	3540	2280	64	10	30	43-120	
Indeno[1,2,3-cd]pyrene	3540	2790	79	11	30	47-124	
Dibenz(a,h)anthracene	3540	2810	79	14	30	48-115	
3,3'-Dichlorobenzidine	3540	2770	78	4	30	9-89	
1,2,4,5-Tetrachlorobenzene	3540	3210	91	3	30	45-95	
2,3,4,6-Tetrachlorophenol	3540	3200	90	8	30	49-104	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L1147865.D

Lab ID: 460-72174-34 MSD Client ID: PMP-9SW-VD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	3530	2540	72	4	30	46-97	
2-Chlorophenol	3530	2590	73	3	30	49-96	
2-Methylphenol	3530	2610	74	5	30	47-99	
4-Methylphenol	3530	2620	74	7	30	43-100	
Benzaldehyde	7070	4630	66	11	30	10-139	
Acetophenone	3530	2670	76	4	30	10-126	
Bis(2-chloroethyl)ether	3530	2810	80	2	30	45-92	
2,2'-oxybis[1-chloropropane]	3530	2720	77	4	30	31-101	
N-Nitrosodi-n-propylamine	3530	2870	81	4	30	49-99	
Nitrobenzene	3530	2970	84	2	30	33-72	F1
Hexachloroethane	3530	2790	79	3	30	47-88	
Isophorone	3530	2840	80	2	30	51-100	
2-Nitrophenol	3530	2880	82	2	30	51-98	
2,4-Dimethylphenol	3530	2690	76	2	30	46-95	
2,4-Dichlorophenol	3530	2720	77	4	30	50-100	
Bis(2-chloroethoxy)methane	3530	2810	80	3	30	48-95	
Naphthalene	3530	2730	77	3	30	48-92	
4-Chloroaniline	3530	1220	35	4	30	10-86	
Hexachlorobutadiene	3530	2880	81	1	30	49-97	
Caprolactam	3530	2520	71	8	30	10-120	
4-Chloro-3-methylphenol	3530	2740	78	2	30	50-102	
2-Methylnaphthalene	3530	2730	77	6	30	52-100	
Hexachlorobenzene	3530	3110	88	0	30	50-104	
Hexachlorocyclopentadiene	3530	3680	104	2	30	43-115	
2,4,6-Trichlorophenol	3530	2920	83	1	30	49-96	
2,4,5-Trichlorophenol	3530	2970	84	0	30	49-96	
Diphenyl	3530	2900	82	1	30	10-134	
2-Chloronaphthalene	3530	2910	82	1	30	49-93	
2-Nitroaniline	3530	2870	81	5	30	35-92	
2,6-Dinitrotoluene	3530	2870	81	3	30	52-104	
Dimethyl phthalate	3530	2830	80	2	30	51-99	
Acenaphthylene	3530	2920	83	2	30	49-97	
3-Nitroaniline	3530	1880	53	6	30	19-90	
Acenaphthene	3530	2830	80	1	30	48-99	
4-Nitrophenol	7070	5320	75	4	30	34-112	
2,4-Dinitrophenol	7070	5560	79	1	30	10-139	
Dibenzofuran	3530	2820	80	2	30	50-96	
Diethyl phthalate	3530	2730	77	5	30	46-100	
Fluorene	3530	2800	79	1	30	50-95	
Fluoranthene	3530	2710	77	2	30	45-101	
Di-n-butyl phthalate	3530	2770	78	2	30	50-99	
2,4-Dinitrotoluene	3530	2910	82	2	30	49-102	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L1147865.D

Lab ID: 460-72174-34 MSD Client ID: PMP-9SW-VD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3530	2850	81	1	30	49-95	
4-Nitroaniline	3530	2670	76	4	30	33-102	
4,6-Dinitro-2-methylphenol	7070	6060	86	0	30	14-128	
4-Bromophenyl phenyl ether	3530	3020	86	0	30	50-103	
Atrazine	3530	2410	68	0	30	10-147	
Anthracene	3530	2900	82	1	30	51-97	
Carbazole	3530	2820	80	2	30	50-102	
Phenanthrene	3530	2870	81	1	30	51-97	
Pentachlorophenol	7070	5930	84	0	30	37-99	
Pyrene	3530	3030	86	8	30	39-119	
Chrysene	3530	2900	82	2	30	50-94	
Benzo[k]fluoranthene	3530	2850	81	4	30	53-113	
Benzo[g,h,i]perylene	3530	3080	87	5	30	46-120	
Benzo[b]fluoranthene	3530	3000	85	4	30	55-115	
Benzo[a]pyrene	3530	2980	84	1	30	59-116	
Benzo[a]anthracene	3530	2780	79	2	30	51-97	
N-Nitrosodiphenylamine	3530	3100	88	1	30	51-103	
Butyl benzyl phthalate	3530	2940	83	2	30	47-107	
Bis(2-ethylhexyl) phthalate	3530	2780	79	1	30	47-102	
Di-n-octyl phthalate	3530	2830	80	7	30	43-120	
Indeno[1,2,3-cd]pyrene	3530	3190	90	5	30	47-124	
Dibenz(a,h)anthracene	3530	3140	89	3	30	48-115	
3,3'-Dichlorobenzidine	3530	1860	53	5	30	9-89	
1,2,4,5-Tetrachlorobenzene	3530	3010	85	1	30	45-95	
2,3,4,6-Tetrachlorophenol	3530	3050	86	1	30	49-104	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: U94432.D Lab Sample ID: MB 460-211603/1-A

Matrix: Solid Date Extracted: 03/10/2014 09:03

Instrument ID: CBNAMS4 Date Analyzed: 03/11/2014 17:22

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-211603/2-A	U94408.D	03/11/2014 05:17
	LCS 460-211603/3-A	U94409.D	03/11/2014 05:39
PMP-23SW-VD	460-72174-3	U94410.D	03/11/2014 06:02
PMP-23SW-WT	460-72174-4	U94411.D	03/11/2014 06:24
PMP-4SW-VD	460-72174-7	U94412.D	03/11/2014 06:47
PMP-22SW-VD	460-72174-9	U94413.D	03/11/2014 07:09
PMP-22SW-WT	460-72174-10	U94414.D	03/11/2014 07:32
PMP-5SW-SI	460-72174-12	U94415.D	03/11/2014 09:08
PMP-6SW-VD	460-72174-13	U94416.D	03/11/2014 09:31
PMP-6SW-WT	460-72174-14	U94417.D	03/11/2014 09:53
PMP-6SW-SI	460-72174-15	U94418.D	03/11/2014 10:16
PMP-2SW-VD	460-72174-16	U94419.D	03/11/2014 10:39
PMP-2SW-WT	460-72174-17	U94420.D	03/11/2014 11:01
PMP-2SW-SI	460-72174-18	U94421.D	03/11/2014 11:24
PMP-14SW-VS	460-72174-1	U94422.D	03/11/2014 11:46
PMP-14SW-VS MS	460-72174-1 MS	U94423.D	03/11/2014 12:09
PMP-14SW-VS MSD	460-72174-1 MSD	U94424.D	03/11/2014 12:32
PMP-5SW-WT	460-72174-11	U94425.D	03/11/2014 12:54
PMP-4SW-VS	460-72174-6	U94426.D	03/11/2014 13:17
PMP-22SW-VS	460-72174-8	U94427.D	03/11/2014 13:40
PMP-24SW-VD DL	460-72174-20 DL	U94453.D	03/12/2014 01:16
PMP-24SW-VS	460-72174-19	U94456.D	03/12/2014 02:24
PMP-8SW-VS	460-72174-5	U94457.D	03/12/2014 02:46
PMP-23SW-VS	460-72174-2	U94458.D	03/12/2014 03:09

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: z8776.D Lab Sample ID: MB 460-211622/1-A

Matrix: Water Date Extracted: 03/10/2014 09:35

Instrument ID: CBNAMS11 Date Analyzed: 03/13/2014 02:35

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-211622/2-A	z8777.D	03/13/2014 02:58
	LCSD 460-211622/3-A	z8778.D	03/13/2014 03:21
	LCS 460-211622/4-A	z8779.D	03/13/2014 03:44
	LCSD 460-211622/5-A	z8780.D	03/13/2014 04:07
FB-030614	460-72174-28	z8787.D	03/13/2014 06:51

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: L1147861.D Lab Sample ID: MB 460-211728/1-A

Matrix: Solid Date Extracted: 03/10/2014 20:18

Instrument ID: CBNAMS12 Date Analyzed: 03/11/2014 17:13

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-211728/2-A	L1147862.D	03/11/2014 17:38
	LCS 460-211728/3-A	L1147863.D	03/11/2014 18:02
PMP-9SW-VD MS	460-72174-34 MS	L1147864.D	03/11/2014 18:27
PMP-9SW-VD MSD	460-72174-34 MSD	L1147865.D	03/11/2014 18:52
PMP-9SW-VD	460-72174-34	L1147866.D	03/11/2014 19:16
PMP-10SW-SD	460-72174-21	L1147867.D	03/11/2014 19:41
PMP-13SW-SI	460-72174-23	L1147868.D	03/11/2014 20:06
PMP-28SW-SI	460-72174-27	L1147869.D	03/11/2014 20:31
PMP-10SW-SI	460-72174-38	L1147870.D	03/11/2014 20:55
PMP-13SW-SD	460-72174-24	L1147871.D	03/11/2014 21:20
PMP-28SW-VD	460-72174-25	L1147872.D	03/11/2014 21:44
PMP-24SW-WT DL	460-72174-29 DL	L1147877.D	03/11/2014 23:48
PMP-13SW-WT	460-72174-22	L1147923.D	03/13/2014 08:22
PMP-28SW-WT	460-72174-26	L1147924.D	03/13/2014 08:46
PMP-7SW-VD	460-72174-31	L1147949.D	03/14/2014 11:58
PMP-10SW-WI	460-72174-37	L1147950.D	03/14/2014 12:22
PMP-7SW-WI	460-72174-32	x9426.D	03/14/2014 12:31
PMP-9SW-SI	460-72174-36	x9428.D	03/14/2014 13:18
PMP-24SW-SI	460-72174-30	x9429.D	03/14/2014 13:42
PMP-7SW-SI	460-72174-33	x9433.D	03/14/2014 15:22
PMP-9SW-WT	460-72174-35	x9434.D	03/14/2014 15:46

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: z8437.D DFTPP Injection Date: 03/04/2014

Instrument ID: CBNAMS11 DFTPP Injection Time: 01:20

Analysis Batch No.: 210410

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	46.4	
68	Less than 2.0 % of mass 69	0.8	(1.5)1
69	Mass 69 relative abundance	53.1	
70	Less than 2.0 % of mass 69	0.2	(0.4)1
127	40.0 - 60.0 % of mass 198	51.8	
197	Less than 1.0 % of mass 198	0.8	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
275	10.0 - 30.0 % of mass 198	29.2	
365	Greater than 1.0 % of mass 198	5.9	
441	Present but less than mass 443	9.2	(70.4)3
442	Greater than 40.0 % of mass 198	68.4	
443	17.0 - 23.0 % of mass 442	13.0	(19.1)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-210410/2	z8438.D	03/04/2014	01:38
	STD120 460-210410/3	z8439.D	03/04/2014	02:11
	STD80 460-210410/4	z8440.D	03/04/2014	02:34
	STD20 460-210410/5	z8441.D	03/04/2014	02:56
	STD10 460-210410/6	z8442.D	03/04/2014	03:19
	STD5 460-210410/7	z8443.D	03/04/2014	03:42
	STD1 460-210410/8	z8444.D	03/04/2014	04:04
	STD 460-210410/9	z8445.D	03/04/2014	04:27
	STD50 460-210410/10	z8446.D	03/04/2014	04:50
	STD120 460-210410/11	z8447.D	03/04/2014	05:12
	STD80 460-210410/12	z8448.D	03/04/2014	05:35
	STD20 460-210410/13	z8449.D	03/04/2014	05:58
	STD10 460-210410/14	z8450.D	03/04/2014	06:20
	STD5 460-210410/15	z8451.D	03/04/2014	06:43

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: z8773.D DFTPP Injection Date: 03/13/2014

Instrument ID: CBNAMS11 DFTPP Injection Time: 01:17

Analysis Batch No.: 212257

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	47.7	
68	Less than 2.0 % of mass 69	0.9	(1.8)1
69	Mass 69 relative abundance	49.5	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	48.5	
197	Less than 1.0 % of mass 198	0.8	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
275	10.0 - 30.0 % of mass 198	29.1	
365	Greater than 1.0 % of mass 198	4.9	
441	Present but less than mass 443	11.6	(82.2)3
442	Greater than 40.0 % of mass 198	75.9	
443	17.0 - 23.0 % of mass 442	14.1	(18.6)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-212257/2	z8774.D	03/13/2014	01:37
	CCV 460-212257/3	z8775.D	03/13/2014	02:05
	MB 460-211622/1-A	z8776.D	03/13/2014	02:35
	LCS 460-211622/2-A	z8777.D	03/13/2014	02:58
	LCSD 460-211622/3-A	z8778.D	03/13/2014	03:21
	LCS 460-211622/4-A	z8779.D	03/13/2014	03:44
	LCSD 460-211622/5-A	z8780.D	03/13/2014	04:07
FB-030614	460-72174-28	z8787.D	03/13/2014	06:51

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: L1147700.D DFTPP Injection Date: 03/05/2014

Instrument ID: CBNAMS12 DFTPP Injection Time: 17:04

Analysis Batch No.: 210846

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	46.3	
68	Less than 2.0 % of mass 69	0.8	(1.9)1
69	Mass 69 relative abundance	39.6	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	49.3	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
275	10.0 - 30.0 % of mass 198	28.9	
365	Greater than 1.0 % of mass 198	4.4	
441	Present but less than mass 443	16.1	(81.5)3
442	Greater than 40.0 % of mass 198	103.8	
443	17.0 - 23.0 % of mass 442	19.7	(19.0)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-210846/2	L1147701.D	03/05/2014	18:19
	STD120 460-210846/3	L1147702.D	03/05/2014	18:44
	STD80 460-210846/4	L1147703.D	03/05/2014	19:08
	STD20 460-210846/5	L1147704.D	03/05/2014	19:33
	STD10 460-210846/6	L1147705.D	03/05/2014	19:57
	STD5 460-210846/7	L1147706.D	03/05/2014	20:21
	STD1 460-210846/8	L1147707.D	03/05/2014	20:46
	STD 460-210846/9	L1147708.D	03/05/2014	21:10
	STD50 460-210846/10	L1147709.D	03/05/2014	21:35
	STD120 460-210846/11	L1147710.D	03/05/2014	21:59
	STD80 460-210846/12	L1147711.D	03/05/2014	22:23
	STD20 460-210846/13	L1147712.D	03/05/2014	22:48
	STD10 460-210846/14	L1147713.D	03/05/2014	23:12
	STD5 460-210846/15	L1147714.D	03/05/2014	23:36

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: L1147858.D DFTPP Injection Date: 03/11/2014

Instrument ID: CBNAMS12 DFTPP Injection Time: 16:05

Analysis Batch No.: 211927

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	47.1	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	39.6	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	48.4	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.9	
275	10.0 - 30.0 % of mass 198	29.2	
365	Greater than 1.0 % of mass 198	4.3	
441	Present but less than mass 443	16.7	(79.0)3
442	Greater than 40.0 % of mass 198	109.4	
443	17.0 - 23.0 % of mass 442	21.1	(19.3)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-211927/2	L1147859.D	03/11/2014	16:23
	CCV 460-211927/3	L1147860.D	03/11/2014	16:48
	MB 460-211728/1-A	L1147861.D	03/11/2014	17:13
	LCS 460-211728/2-A	L1147862.D	03/11/2014	17:38
	LCS 460-211728/3-A	L1147863.D	03/11/2014	18:02
PMP-9SW-VD MS	460-72174-34 MS	L1147864.D	03/11/2014	18:27
PMP-9SW-VD MSD	460-72174-34 MSD	L1147865.D	03/11/2014	18:52
PMP-9SW-VD	460-72174-34	L1147866.D	03/11/2014	19:16
PMP-10SW-SD	460-72174-21	L1147867.D	03/11/2014	19:41
PMP-13SW-SI	460-72174-23	L1147868.D	03/11/2014	20:06
PMP-28SW-SI	460-72174-27	L1147869.D	03/11/2014	20:31
PMP-10SW-SI	460-72174-38	L1147870.D	03/11/2014	20:55
PMP-13SW-SD	460-72174-24	L1147871.D	03/11/2014	21:20
PMP-28SW-VD	460-72174-25	L1147872.D	03/11/2014	21:44
PMP-24SW-WT DL	460-72174-29 DL	L1147877.D	03/11/2014	23:48

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: L1147911.D DFTPP Injection Date: 03/13/2014

Instrument ID: CBNAMS12 DFTPP Injection Time: 02:20

Analysis Batch No.: 212260

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	53.6	
68	Less than 2.0 % of mass 69	0.6	(1.4)1
69	Mass 69 relative abundance	43.1	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	52.6	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.1	
275	10.0 - 30.0 % of mass 198	27.5	
365	Greater than 1.0 % of mass 198	4.1	
441	Present but less than mass 443	12.2	(78.9)3
442	Greater than 40.0 % of mass 198	80.7	
443	17.0 - 23.0 % of mass 442	15.4	(19.1)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-212260/2	L1147912.D	03/13/2014	03:24
	CCV 460-212260/3	L1147913.D	03/13/2014	04:00
PMP-13SW-WT	460-72174-22	L1147923.D	03/13/2014	08:22
PMP-28SW-WT	460-72174-26	L1147924.D	03/13/2014	08:46

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: L1147925.D DFTPP Injection Date: 03/14/2014

Instrument ID: CBNAMS12 DFTPP Injection Time: 02:15

Analysis Batch No.: 212527

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	55.0	
68	Less than 2.0 % of mass 69	0.6	(1.4)1
69	Mass 69 relative abundance	46.2	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	52.9	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.9	
275	10.0 - 30.0 % of mass 198	26.2	
365	Greater than 1.0 % of mass 198	3.3	
441	Present but less than mass 443	11.4	(74.3)3
442	Greater than 40.0 % of mass 198	75.9	
443	17.0 - 23.0 % of mass 442	15.4	(20.2)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-212527/2	L1147926.D	03/14/2014	02:38
	CCV 460-212527/3	L1147927.D	03/14/2014	03:02
PMP-7SW-VD	460-72174-31	L1147949.D	03/14/2014	11:58
PMP-10SW-WI	460-72174-37	L1147950.D	03/14/2014	12:22

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: U94125.D DFTPP Injection Date: 02/27/2014

Instrument ID: CBNAMS4 DFTPP Injection Time: 08:41

Analysis Batch No.: 209495

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	46.3	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	57.7	
70	Less than 2.0 % of mass 69	0.0	(0.1)1
127	40.0 - 60.0 % of mass 198	50.5	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.4	
275	10.0 - 30.0 % of mass 198	20.0	
365	Greater than 1.0 % of mass 198	2.2	
441	Present but less than mass 443	12.7	(73.3)3
442	Greater than 40.0 % of mass 198	90.8	
443	17.0 - 23.0 % of mass 442	17.4	(19.2)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-209495/2	U94126.D	02/27/2014	09:08
	IC 460-209495/3	U94127.D	02/27/2014	09:30
	IC 460-209495/4	U94128.D	02/27/2014	09:53
	IC 460-209495/5	U94129.D	02/27/2014	10:15
	IC 460-209495/6	U94130.D	02/27/2014	10:38
	IC 460-209495/7	U94131.D	02/27/2014	11:00
	IC 460-209495/8	U94132.D	02/27/2014	11:23
	IC 460-209495/9	U94133.D	02/27/2014	11:45
	IC 460-209495/10	U94134.D	02/27/2014	12:08
	IC 460-209495/11	U94135.D	02/27/2014	12:30
	IC 460-209495/12	U94136.D	02/27/2014	12:53
	IC 460-209495/13	U94137.D	02/27/2014	13:15
	IC 460-209495/14	U94138.D	02/27/2014	13:38
	IC 460-209495/15	U94139.D	02/27/2014	14:00

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: U94404.D DFTPP Injection Date: 03/11/2014

Instrument ID: CBNAMS4 DFTPP Injection Time: 03:27

Analysis Batch No.: 211759

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	44.9	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	60.5	
70	Less than 2.0 % of mass 69	0.3	(0.5)1
127	40.0 - 60.0 % of mass 198	49.7	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.6	
275	10.0 - 30.0 % of mass 198	21.1	
365	Greater than 1.0 % of mass 198	2.2	
441	Present but less than mass 443	11.4	(69.6)3
442	Greater than 40.0 % of mass 198	85.1	
443	17.0 - 23.0 % of mass 442	16.4	(19.3)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-211759/2	U94405.D	03/11/2014	03:49
	CCV 460-211759/3	U94406.D	03/11/2014	04:18
	LCS 460-211603/2-A	U94408.D	03/11/2014	05:17
	LCS 460-211603/3-A	U94409.D	03/11/2014	05:39
PMP-23SW-VD	460-72174-3	U94410.D	03/11/2014	06:02
PMP-23SW-WT	460-72174-4	U94411.D	03/11/2014	06:24
PMP-4SW-VD	460-72174-7	U94412.D	03/11/2014	06:47
PMP-22SW-VD	460-72174-9	U94413.D	03/11/2014	07:09
PMP-22SW-WT	460-72174-10	U94414.D	03/11/2014	07:32
PMP-5SW-SI	460-72174-12	U94415.D	03/11/2014	09:08
PMP-6SW-VD	460-72174-13	U94416.D	03/11/2014	09:31
PMP-6SW-WT	460-72174-14	U94417.D	03/11/2014	09:53
PMP-6SW-SI	460-72174-15	U94418.D	03/11/2014	10:16
PMP-2SW-VD	460-72174-16	U94419.D	03/11/2014	10:39
PMP-2SW-WT	460-72174-17	U94420.D	03/11/2014	11:01
PMP-2SW-SI	460-72174-18	U94421.D	03/11/2014	11:24
PMP-14SW-VS	460-72174-1	U94422.D	03/11/2014	11:46
PMP-14SW-VS MS	460-72174-1 MS	U94423.D	03/11/2014	12:09
PMP-14SW-VS MSD	460-72174-1 MSD	U94424.D	03/11/2014	12:32
PMP-5SW-WT	460-72174-11	U94425.D	03/11/2014	12:54
PMP-4SW-VS	460-72174-6	U94426.D	03/11/2014	13:17
PMP-22SW-VS	460-72174-8	U94427.D	03/11/2014	13:40

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: U94428.D DFTPP Injection Date: 03/11/2014

Instrument ID: CBNAMS4 DFTPP Injection Time: 15:40

Analysis Batch No.: 211922

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	48.8	
68	Less than 2.0 % of mass 69	0.4	(0.7)1
69	Mass 69 relative abundance	62.1	
70	Less than 2.0 % of mass 69	0.8	(1.3)1
127	40.0 - 60.0 % of mass 198	49.7	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.1	
275	10.0 - 30.0 % of mass 198	21.5	
365	Greater than 1.0 % of mass 198	1.7	
441	Present but less than mass 443	12.8	(82.5)3
442	Greater than 40.0 % of mass 198	86.6	
443	17.0 - 23.0 % of mass 442	15.5	(17.9)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-211922/2	U94429.D	03/11/2014	15:59
	CCV 460-211922/3	U94430.D	03/11/2014	16:33
	MB 460-211603/1-A	U94432.D	03/11/2014	17:22
PMP-24SW-VD DL	460-72174-20 DL	U94453.D	03/12/2014	01:16
PMP-24SW-VS	460-72174-19	U94456.D	03/12/2014	02:24
PMP-8SW-VS	460-72174-5	U94457.D	03/12/2014	02:46
PMP-23SW-VS	460-72174-2	U94458.D	03/12/2014	03:09

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: x9278.D DFTPP Injection Date: 03/11/2014

Instrument ID: CBNAMS5 DFTPP Injection Time: 04:48

Analysis Batch No.: 211764

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	53.7	
68	Less than 2.0 % of mass 69	0.3	(0.6)1
69	Mass 69 relative abundance	45.3	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	50.8	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.2	
275	10.0 - 30.0 % of mass 198	22.8	
365	Greater than 1.0 % of mass 198	3.5	
441	Present but less than mass 443	8.8	(77.4)3
442	Greater than 40.0 % of mass 198	59.2	
443	17.0 - 23.0 % of mass 442	11.4	(19.2)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-211764/2	x9279.D	03/11/2014	05:08
	STD120 460-211764/3	x9280.D	03/11/2014	05:42
	STD80 460-211764/4	x9281.D	03/11/2014	06:06
	STD20 460-211764/5	x9282.D	03/11/2014	06:30
	STD10 460-211764/6	x9283.D	03/11/2014	06:54
	STD5 460-211764/7	x9284.D	03/11/2014	07:18
	STD1 460-211764/8	x9285.D	03/11/2014	07:42
	STD 460-211764/9	x9286.D	03/11/2014	08:06
	STD50 460-211764/10	x9287.D	03/11/2014	08:30
	STD120 460-211764/11	x9288.D	03/11/2014	08:54
	STD80 460-211764/12	x9289.D	03/11/2014	09:18
	STD20 460-211764/13	x9290.D	03/11/2014	09:43
	STD10 460-211764/14	x9291.D	03/11/2014	10:07
	STD5 460-211764/15	x9292.D	03/11/2014	10:31

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: x9410.D DFTPP Injection Date: 03/14/2014

Instrument ID: CBNAMS5 DFTPP Injection Time: 06:16

Analysis Batch No.: 212566

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	53.5	
68	Less than 2.0 % of mass 69	0.4	(0.8)1
69	Mass 69 relative abundance	47.4	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	54.3	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.1	
275	10.0 - 30.0 % of mass 198	24.4	
365	Greater than 1.0 % of mass 198	3.0	
441	Present but less than mass 443	9.2	(79.2)3
442	Greater than 40.0 % of mass 198	60.1	
443	17.0 - 23.0 % of mass 442	11.6	(19.3)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-212566/2	x9411.D	03/14/2014	06:30
	CCV 460-212566/3	x9412.D	03/14/2014	06:58
PMP-7SW-WI	460-72174-32	x9426.D	03/14/2014	12:31
PMP-9SW-SI	460-72174-36	x9428.D	03/14/2014	13:18
PMP-24SW-SI	460-72174-30	x9429.D	03/14/2014	13:42
PMP-7SW-SI	460-72174-33	x9433.D	03/14/2014	15:22
PMP-9SW-WT	460-72174-35	x9434.D	03/14/2014	15:46

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212257/2 Date Analyzed: 03/13/2014 01:37

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): z8774.D Heated Purge: (Y/N) N

Calibration ID: 35874

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		218351	3.70	687643	4.99	304719	6.74
UPPER LIMIT		436702	4.20	1375286	5.49	609438	7.24
LOWER LIMIT		109176	3.20	343822	4.49	152360	6.24
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-211622/1-A		268458	3.70	935859	4.99	435107	6.74
LCS 460-211622/2-A		203000	3.70	647256	4.99	283871	6.74
LCSD 460-211622/3-A		251045	3.70	804454	4.99	342327	6.74
LCS 460-211622/4-A		277261	3.70	984267	4.99	462482	6.74
LCSD 460-211622/5-A		293071	3.70	1046525	4.99	480134	6.74
460-72174-28	FB-030614	320857	3.70	1100275	4.99	503911	6.74

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212257/2 Date Analyzed: 03/13/2014 01:37

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): z8774.D Heated Purge: (Y/N) N

Calibration ID: 35874

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		362892	8.19	208766	10.81	152703	12.54
UPPER LIMIT		725784	8.69	417532	11.31	305406	13.04
LOWER LIMIT		181446	7.69	104383	10.31	76352	12.04
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-211622/1-A		543045	8.18	263610	10.81	183735	12.54
LCS 460-211622/2-A		336082	8.18	206114	10.81	153264	12.54
LCSD 460-211622/3-A		423587	8.19	271727	10.81	200255	12.54
LCS 460-211622/4-A		586379	8.18	275693	10.81	195170	12.54
LCSD 460-211622/5-A		592264	8.18	279475	10.81	198053	12.54
460-72174-28	FB-030614	626553	8.19	300408	10.81	211058	12.54

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-211927/2 Date Analyzed: 03/11/2014 16:23

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L1147859.D Heated Purge: (Y/N) N

Calibration ID: 36069

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		67203	3.71	234751	5.02	112155	6.78
UPPER LIMIT		134406	4.21	469502	5.52	224310	7.28
LOWER LIMIT		33602	3.21	117376	4.52	56078	6.28
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-211728/1-A		116323	3.71	436124	5.02	209491	6.78
LCS 460-211728/2-A		112679	3.72	400159	5.02	182256	6.78
LCS 460-211728/3-A		123192	3.71	460814	5.02	212502	6.78
460-72174-34 MS	PMP-9SW-VD MS	107066	3.72	386623	5.02	178731	6.78
460-72174-34 MSD	PMP-9SW-VD MSD	104826	3.72	372705	5.02	167362	6.78
460-72174-34	PMP-9SW-VD	100404	3.71	377937	5.02	189493	6.78
460-72174-21	PMP-10SW-SD	91558	3.71	337353	5.02	164175	6.78
460-72174-23	PMP-13SW-SI	87719	3.72	315313	5.02	151668	6.78
460-72174-27	PMP-28SW-SI	87331	3.72	311749	5.02	146628	6.78
460-72174-38	PMP-10SW-SI	91721	3.71	333774	5.02	158538	6.78
460-72174-24	PMP-13SW-SD	78075	3.72	270211	5.02	122214	6.78
460-72174-25	PMP-28SW-VD	97249	3.72	344137	5.02	160050	6.78
460-72174-29 DL	PMP-24SW-WT DL	61079	3.71	201754	5.02	91014	6.78

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-211927/2 Date Analyzed: 03/11/2014 16:23

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L1147859.D Heated Purge: (Y/N) N

Calibration ID: 36069

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		171118	8.24	194041	10.91	225967	12.70
UPPER LIMIT		342236	8.74	388082	11.41	451934	13.20
LOWER LIMIT		85559	7.74	97021	10.41	112984	12.20
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-211728/1-A		286485	8.24	188014	10.90	157850	12.70
LCS 460-211728/2-A		247163	8.24	178623	10.91	181170	12.70
LCS 460-211728/3-A		284723	8.24	174562	10.90	152267	12.70
460-72174-34 MS	PMP-9SW-VD MS	251037	8.24	183656	10.91	171950	12.70
460-72174-34 MSD	PMP-9SW-VD MSD	228616	8.24	176085	10.91	184060	12.70
460-72174-34	PMP-9SW-VD	273598	8.24	193581	10.90	171066	12.70
460-72174-21	PMP-10SW-SD	236289	8.24	165321	10.90	175083	12.69
460-72174-23	PMP-13SW-SI	216583	8.24	168073	10.90	184008	12.69
460-72174-27	PMP-28SW-SI	208152	8.24	157902	10.90	178427	12.69
460-72174-38	PMP-10SW-SI	223718	8.24	165723	10.90	186210	12.69
460-72174-24	PMP-13SW-SD	167704	8.24	163186	10.90	214779	12.69
460-72174-25	PMP-28SW-VD	226303	8.24	193646	10.90	219337	12.69
460-72174-29 DL	PMP-24SW-WT DL	273263	8.21	212569	10.90	254545	12.69

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212260/2 Date Analyzed: 03/13/2014 03:24

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L1147912.D Heated Purge: (Y/N) N

Calibration ID: 36069

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		90889	3.71	326894	5.02	146798	6.78
UPPER LIMIT		181778	4.21	653788	5.52	293596	7.28
LOWER LIMIT		45445	3.21	163447	4.52	73399	6.28
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-72174-22	PMP-13SW-WT	101873	3.71	379962	5.02	172984	6.78
460-72174-26	PMP-28SW-WT	107688	3.72	402643	5.02	184538	6.78

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212260/2 Date Analyzed: 03/13/2014 03:24

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L1147912.D Heated Purge: (Y/N) N

Calibration ID: 36069

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		205305	8.24	187530	10.90	233461	12.70
UPPER LIMIT		410610	8.74	375060	11.40	466922	13.20
LOWER LIMIT		102653	7.74	93765	10.40	116731	12.20
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-72174-22	PMP-13SW-WT	230376	8.24	177285	10.90	214093	12.69
460-72174-26	PMP-28SW-WT	247449	8.24	176714	10.90	208480	12.68

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212527/2 Date Analyzed: 03/14/2014 02:38

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L1147926.D Heated Purge: (Y/N) N

Calibration ID: 36069

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		95757	3.71	355223	5.02	169854	6.78
UPPER LIMIT		191514	4.21	710446	5.52	339708	7.28
LOWER LIMIT		47879	3.21	177612	4.52	84927	6.28
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-72174-31	PMP-7SW-VD	71455	3.71	264451	5.01	124781	6.77
460-72174-37	PMP-10SW-WI	82937	3.71	306634	5.01	146498	6.78

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212527/2 Date Analyzed: 03/14/2014 02:38

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L1147926.D Heated Purge: (Y/N) N

Calibration ID: 36069

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		241931	8.24	187833	10.90	208665	12.69
UPPER LIMIT		483862	8.74	375666	11.40	417330	13.19
LOWER LIMIT		120966	7.74	93917	10.40	104333	12.19
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-72174-31	PMP-7SW-VD	186379	8.24	203979	10.90	266814	12.68
460-72174-37	PMP-10SW-WI	208708	8.24	206526	10.90	269577	12.68

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-211759/2 Date Analyzed: 03/11/2014 03:49

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): U94405.D Heated Purge: (Y/N) N

Calibration ID: 35687

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		121393	4.43	514428	5.70	238262	7.45
UPPER LIMIT		242786	4.93	1028856	6.20	476524	7.95
LOWER LIMIT		60697	3.93	257214	5.20	119131	6.95
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-211759/3		125116	4.42	589352	5.70	331128	7.46
LCS 460-211603/2-A		108788	4.42	441927	5.70	256411	7.44
LCS 460-211603/3-A		133844	4.42	562593	5.70	268973	7.45
460-72174-3	PMP-23SW-VD	121860	4.42	537091	5.69	290131	7.44
460-72174-4	PMP-23SW-WT	112565	4.42	489777	5.69	272696	7.45
460-72174-7	PMP-4SW-VD	115532	4.42	503135	5.69	240254	7.44
460-72174-9	PMP-22SW-VD	110400	4.42	501443	5.69	255293	7.45
460-72174-10	PMP-22SW-WT	116469	4.42	559706	5.70	285019	7.45
460-72174-12	PMP-5SW-SI	114108	4.42	461024	5.70	167365	7.47
460-72174-13	PMP-6SW-VD	113795	4.42	524786	5.70	274376	7.45
460-72174-14	PMP-6SW-WT	128281	4.42	487436	5.69	173092	7.45
460-72174-15	PMP-6SW-SI	104117	4.42	480457	5.70	172615	7.45
460-72174-16	PMP-2SW-VD	118956	4.42	487334	5.69	191337	7.44
460-72174-17	PMP-2SW-WT	119314	4.42	500810	5.70	171961	7.45
460-72174-18	PMP-2SW-SI	115079	4.42	506012	5.69	259209	7.44
460-72174-1	PMP-14SW-VS	124602	4.41	540762	5.69	265982	7.45
460-72174-1 MS	PMP-14SW-VS MS	117917	4.43	482601	5.70	210060	7.44
460-72174-1 MSD	PMP-14SW-VS MSD	120516	4.42	503498	5.70	216645	7.45
460-72174-11	PMP-5SW-WT	126586	4.42	504373	5.70	165345	7.46
460-72174-6	PMP-4SW-VS	119798	4.41	545946	5.70	203778	7.45
460-72174-8	PMP-22SW-VS	135626	4.42	589019	5.70	224802	7.44

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-211759/2 Date Analyzed: 03/11/2014 03:49

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): U94405.D Heated Purge: (Y/N) N

Calibration ID: 35687

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		373416	8.92	220806	11.69	219628	13.62
UPPER LIMIT		746832	9.42	441612	12.19	439256	14.12
LOWER LIMIT		186708	8.42	110403	11.19	109814	13.12
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-211759/3		506407	8.91	294860	11.69	229521	13.61
LCS 460-211603/2-A		455760	8.91	271719	11.68	223734	13.61
LCS 460-211603/3-A		394453	8.91	239853	11.68	212663	13.61
460-72174-3	PMP-23SW-VD	436352	8.90	241082	11.68	194409	13.60
460-72174-4	PMP-23SW-WT	391962	8.90	218880	11.67	176985	13.60
460-72174-7	PMP-4SW-VD	425582	8.90	237569	11.67	188437	13.60
460-72174-9	PMP-22SW-VD	385511	8.90	236676	11.68	183805	13.60
460-72174-10	PMP-22SW-WT	421319	8.90	233627	11.67	201282	13.60
460-72174-12	PMP-5SW-SI	233252	8.94	166437	11.69	169364	13.61
460-72174-13	PMP-6SW-VD	425707	8.91	234057	11.68	198713	13.60
460-72174-14	PMP-6SW-WT	245200	8.92	175197	11.67	176556	13.60
460-72174-15	PMP-6SW-SI	253992	8.92	169791	11.67	173641	13.60
460-72174-16	PMP-2SW-VD	261266	8.91	180726	11.68	176356	13.60
460-72174-17	PMP-2SW-WT	261474	8.92	181551	11.67	190471	13.60
460-72174-18	PMP-2SW-SI	424941	8.91	218388	11.67	198268	13.60
460-72174-1	PMP-14SW-VS	364242	8.91	181716	11.67	196781	13.60
460-72174-1 MS	PMP-14SW-VS MS	296869	8.91	166319	11.68	188560	13.61
460-72174-1 MSD	PMP-14SW-VS MSD	287790	8.91	166691	11.68	206179	13.61
460-72174-11	PMP-5SW-WT	236627	8.94	172374	11.67	201270	13.61
460-72174-6	PMP-4SW-VS	239903	8.90	167947	11.67	205921	13.61
460-72174-8	PMP-22SW-VS	288044	8.91	180042	11.67	205407	13.61

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-211922/2 Date Analyzed: 03/11/2014 15:59

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): U94429.D Heated Purge: (Y/N) N

Calibration ID: 35687

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		127338	4.41	583570	5.69	271401	7.44
UPPER LIMIT		254676	4.91	1167140	6.19	542802	7.94
LOWER LIMIT		63669	3.91	291785	5.19	135701	6.94
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-211922/3		122319	4.40	594450	5.69	321077	7.43
MB 460-211603/1-A		106529	4.40	499056	5.68	248904	7.43
460-72174-20 DL	PMP-24SW-VD DL	98132	4.40	404994	5.68	149977	7.42
460-72174-19	PMP-24SW-VS	110739	4.40	515542	5.69	219047	7.43
460-72174-5	PMP-8SW-VS	123664	4.41	488343	5.68	172050	7.42
460-72174-2	PMP-23SW-VS	120250	4.40	493536	5.68	185608	7.43

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-211922/2 Date Analyzed: 03/11/2014 15:59

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): U94429.D Heated Purge: (Y/N) N

Calibration ID: 35687

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		382816	8.90	230705	11.66	200975	13.57
UPPER LIMIT		765632	9.40	461410	12.16	401950	14.07
LOWER LIMIT		191408	8.40	115353	11.16	100488	13.07
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-211922/3		521583	8.89	310869	11.65	247976	13.58
MB 460-211603/1-A		493273	8.88	341367	11.65	262172	13.57
460-72174-20 DL	PMP-24SW-VD DL	235509	8.91	139104	11.64	163357	13.56
460-72174-19	PMP-24SW-VS	315669	8.89	145098	11.64	155726	13.56
460-72174-5	PMP-8SW-VS	198093	8.88	154495	11.64	198142	13.57
460-72174-2	PMP-23SW-VS	197527	8.89	159296	11.65	195479	13.58

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212566/2 Date Analyzed: 03/14/2014 06:30

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): x9411.D Heated Purge: (Y/N) N

Calibration ID: 36240

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		342892	4.04	1173298	5.32	506147	7.07
UPPER LIMIT		685784	4.54	2346596	5.82	1012294	7.57
LOWER LIMIT		171446	3.54	586649	4.82	253074	6.57
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-72174-32	PMP-7SW-WI	256856	4.04	920244	5.32	364009	7.06
460-72174-36	PMP-9SW-SI	344677	4.04	1306136	5.32	623851	7.06
460-72174-30	PMP-24SW-SI	279557	4.04	974695	5.32	413519	7.06
460-72174-33	PMP-7SW-SI	294247	4.03	1024896	5.32	432938	7.06
460-72174-35	PMP-9SW-WT	266716	4.04	936503	5.32	390650	7.06

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Sample No.: CCVIS 460-212566/2 Date Analyzed: 03/14/2014 06:30

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): x9411.D Heated Purge: (Y/N) N

Calibration ID: 36240

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		592764	8.52	325702	11.21	243817	13.04
UPPER LIMIT		1185528	9.02	651404	11.71	487634	13.54
LOWER LIMIT		296382	8.02	162851	10.71	121909	12.54
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-72174-32	PMP-7SW-WI	472863	8.52	350144	11.21	251289	13.04
460-72174-36	PMP-9SW-SI	781535	8.52	475791	11.21	341690	13.05
460-72174-30	PMP-24SW-SI	480164	8.52	282263	11.21	201359	13.04
460-72174-33	PMP-7SW-SI	499345	8.52	272310	11.21	200901	13.04
460-72174-35	PMP-9SW-WT	457786	8.52	257883	11.21	191585	13.04

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-14SW-VS | Lab Sample ID: 460-72174-1

Matrix: Solid | Lab File ID: U94422.D

Analysis Method: 8270C | Date Collected: 03/06/2014 09:15

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) | Date Analyzed: 03/11/2014 11:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	60	U	350	60
106-44-5	4-Methylphenol	69	U	350	69
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	54	U	350	54
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.9	U	35	5.9
98-95-3	Nitrobenzene	5.0	U *	35	5.0
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	43	U	350	43
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	87	U	350	87
120-83-2	2,4-Dichlorophenol	51	U	350	51
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
91-20-3	Naphthalene	41	U	350	41
106-47-8	4-Chloroaniline	93	U	350	93
87-68-3	Hexachlorobutadiene	8.6	U	71	8.6
105-60-2	Caprolactam	81	U	350	81
59-50-7	4-Chloro-3-methylphenol	53	U	350	53
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	45	U	350	45
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	150	U	710	150
606-20-2	2,6-Dinitrotoluene	11	U	71	11
131-11-3	Dimethyl phthalate	42	U	350	42
208-96-8	Acenaphthylene	42	U	350	42
99-09-2	3-Nitroaniline	120	U	710	120
83-32-9	Acenaphthene	51	U	350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-14SW-VS | Lab Sample ID: 460-72174-1

Matrix: Solid | Lab File ID: U94422.D

Analysis Method: 8270C | Date Collected: 03/06/2014 09:15

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) | Date Analyzed: 03/11/2014 11:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	42	U	350	42
86-73-7	Fluorene	45	U	350	45
206-44-0	Fluoranthene	47	U	350	47
84-74-2	Di-n-butyl phthalate	43	U	350	43
121-14-2	2,4-Dinitrotoluene	12	U	71	12
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
534-52-1	4,6-Dinitro-2-methylphenol	96	U	1100	96
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	54	U	350	54
120-12-7	Anthracene	43	U	350	43
86-74-8	Carbazole	42	U	350	42
85-01-8	Phenanthrene	45	U	350	45
87-86-5	Pentachlorophenol	100	U	1100	100
129-00-0	Pyrene	29	U	350	29
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.7	U	35	2.7
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.5	U	35	2.5
86-30-6	N-Nitrosodiphenylamine	35	U	350	35
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	22	U	350	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	710	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	350	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-14SW-VS Lab Sample ID: 460-72174-1

Matrix: Solid Lab File ID: U94422.D

Analysis Method: 8270C Date Collected: 03/06/2014 09:15

Extract. Method: 3541 Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) Date Analyzed: 03/11/2014 11:46

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	84		40-106
4165-62-2	Phenol-d5	88		44-104
1718-51-0	Terphenyl-d14	102		41-145
118-79-6	2,4,6-Tribromophenol	93		19-114
367-12-4	2-Fluorophenol	83		39-103
321-60-8	2-Fluorobiphenyl	81		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-14SW-VS | Lab Sample ID: 460-72174-1

Matrix: Solid | Lab File ID: U94422.D

Analysis Method: 8270C | Date Collected: 03/06/2014 09:15

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) | Date Analyzed: 03/11/2014 11:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

Number TICs Found: 6 | TIC Result Total: 2280

CAS NO.	COMPOUND NAME	RT	RESULT	Q
2136-70-1	Ethanol, 2-(tetradecyloxy)-	12.39	430	J N
	Unknown	13.31	340	J
	Unknown	14.02	290	J
630-01-3	Hexacosane	14.29	290	J N
	Unknown	15.34	520	J
	Unknown	15.42	410	J

Report Date: 13-Mar-2014 10:28:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94422.D
Lims ID: 460-72174-E-1-C Lab Sample ID: 460-72174-1
Client ID: PMP-14SW-VS
Sample Type: Client
Inject. Date: 11-Mar-2014 11:46:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-019
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 10:28:39 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 13-Mar-2014 10:28:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.137	3.127	0.010	87	225669	41.4	
$ 6 Phenol-d5	99	4.054	4.071	-0.017	71	290092	44.0	
* 13 1,4-Dichlorobenzene-d4	152	4.414	4.430	-0.016	94	124602	40.0	
$ 25 Nitrobenzene-d5	82	4.972	4.990	-0.018	92	278857	41.9	
* 35 Naphthalene-d8	136	5.692	5.701	-0.009	100	540762	40.0	
$ 48 2-Fluorobiphenyl	172	6.774	6.785	-0.011	97	368621	40.6	
55 1,3-Dimethylnaphthalene	156	7.101	7.123	-0.022	37	1572	0.2648	
* 61 Acenaphthene-d10	164	7.449	7.451	-0.002	93	265982	40.0	
$ 76 2,4,6-Tribromophenol	330	8.218	8.230	-0.012	87	47699	46.7	
* 83 Phenanthrene-d10	188	8.907	8.917	-0.010	98	364242	40.0	
$ 91 Terphenyl-d14	244	10.479	10.483	-0.004	99	214558	50.9	
* 96 Chrysene-d12	240	11.668	11.690	-0.022	95	181716	40.0	
* 103 Perylene-d12	264	13.602	13.619	-0.017	98	196781	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94422.D
Lims ID: 460-72174-E-1-C Lab Sample ID: 460-72174-1
Client ID: PMP-14SW-VS
Sample Type: Client
Inject. Date: 11-Mar-2014 11:46:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-019
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 10:28:39 Calib Date: 27-Feb-2014 14:00:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 13-Mar-2014 10:28:39

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
2136-70-1		Ethanol, 2-(tetradecyloxy)-						
12.389	85771	6.14	96	90	93396	C16H34O2	258	
		Unknown						
13.310	70814	4.82	103					
		Unknown						
14.023	59716	4.07	103					
630-01-3		Hexacosane						
14.288	59881	4.08	103	86	147090	C26H54	366	
		Unknown						
15.339	107213	7.30	103					
		Unknown						
15.420	84839	5.78	103					

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 96 Chrysene-d12	11.668	558733	40.0
* 103 Perylene-d12	13.602	587138	40.0

QC Flag Legend

Processing Flags

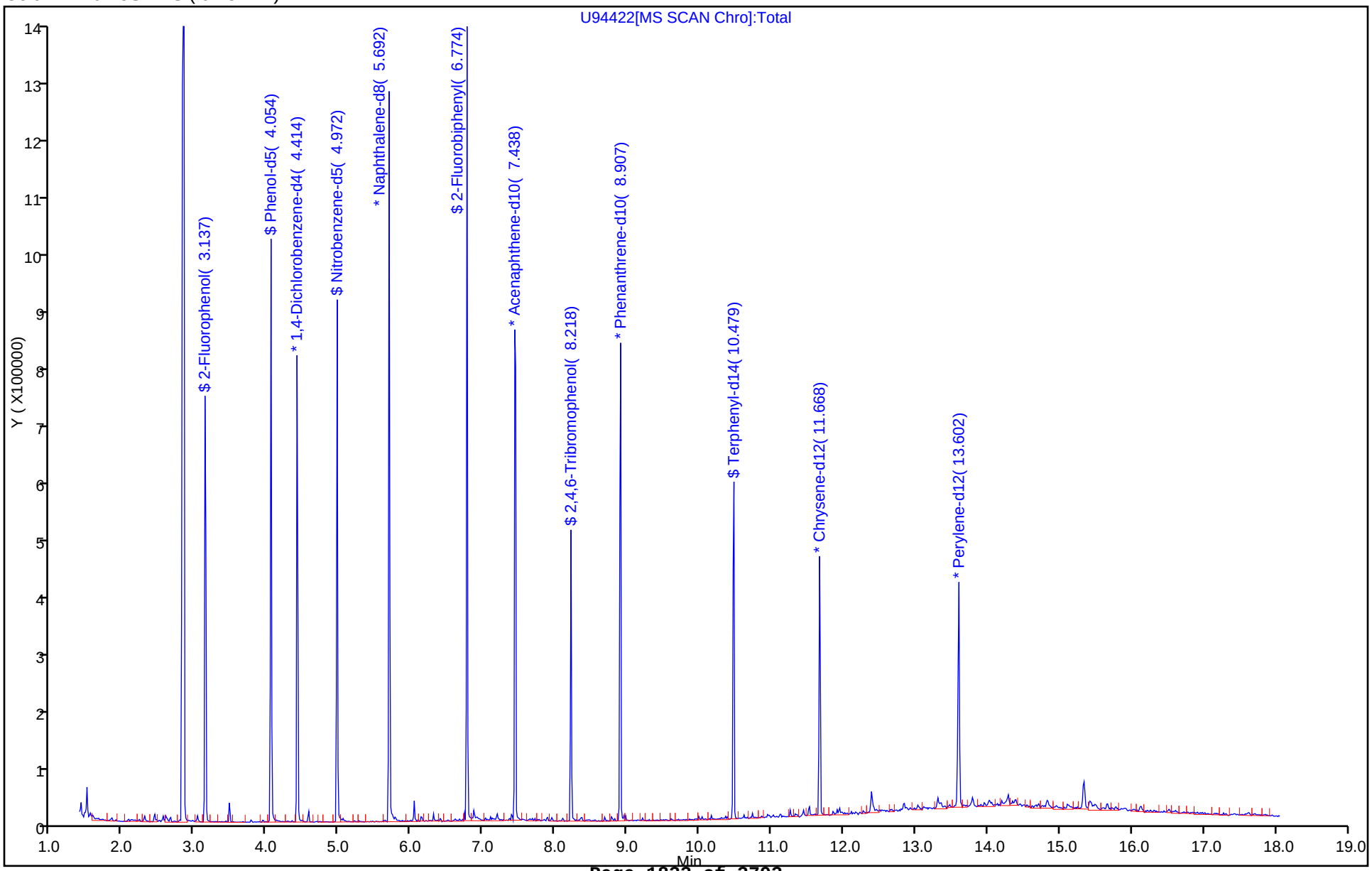
Report Date: 13-Mar-2014 10:28:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94422.D

Injection Date:	11-Mar-2014 11:46:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-72174-E-1-C	Lab Sample ID:	460-72174-1	Worklist Smp#:	19
Client ID:	PMP-14SW-VS				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8270_4R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 13-Mar-2014 10:28:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94422.D

Injection Date: 11-Mar-2014 11:46:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-1-C Lab Sample ID: 460-72174-1

Client ID: PMP-14SW-VS

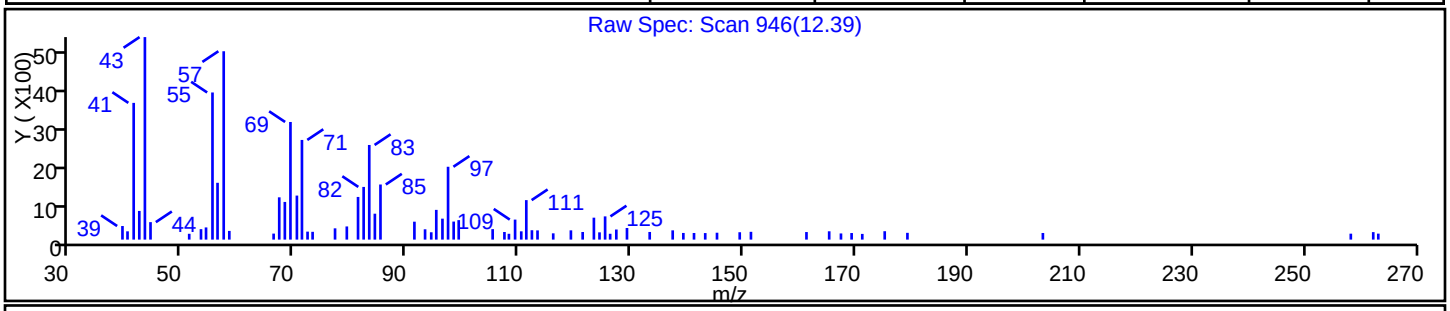
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

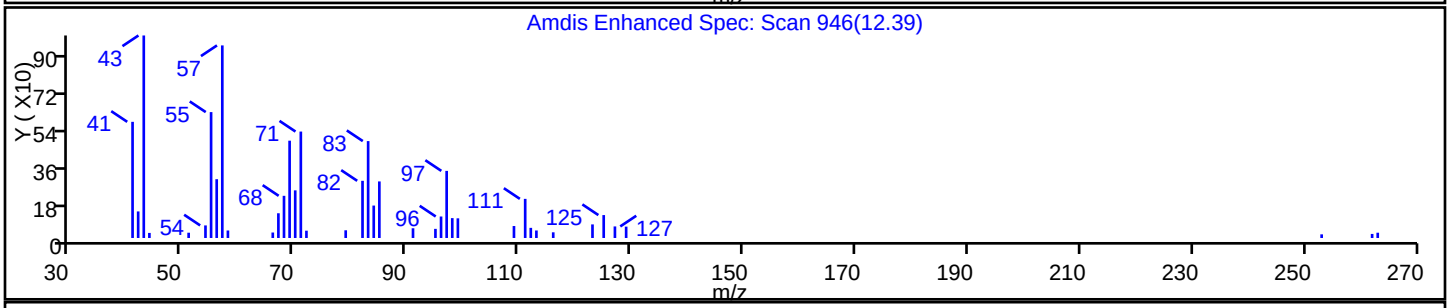
Injection Vol: 1.0 ul Dil. Factor: 1.0000

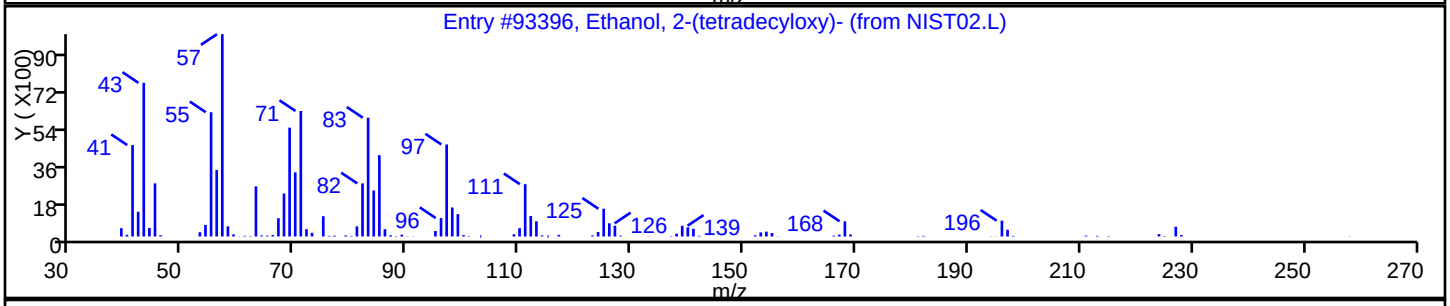
Method: 8270_4R Limit Group: SV 8270 ICAL

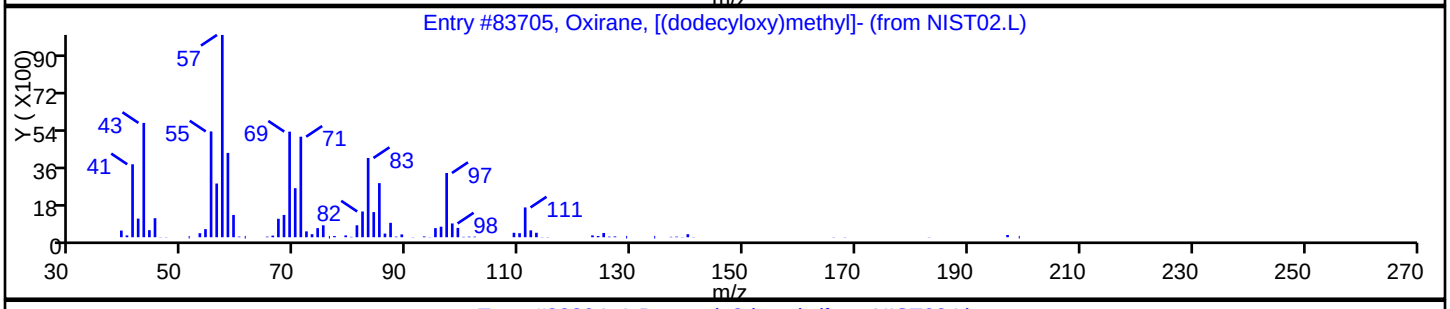
Column: Detector MS SCAN

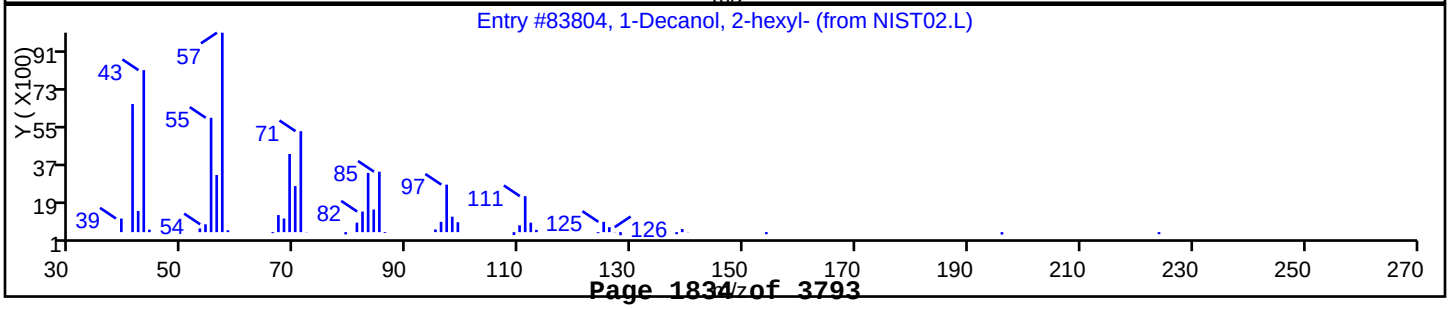
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Ethanol, 2-(tetradecyloxy)-	2136-70-1	NIST02.L	93396	C16H34O2	258	90
Oxirane, [(dodecyloxy)methyl]-	2461-18-9	NIST02.L	83705	C15H30O2	242	87
1-Decanol, 2-hexyl-	2425-77-6	NIST02.L	83804	C16H34O	242	87











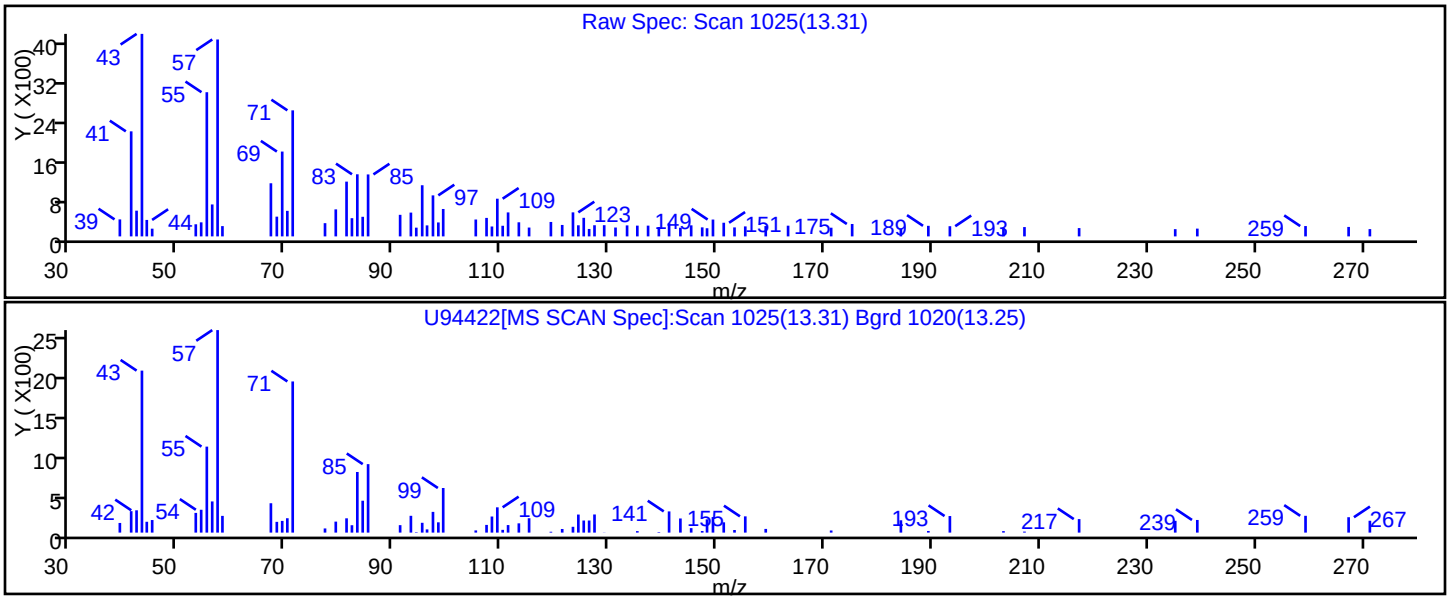
Report Date: 13-Mar-2014 10:28:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94422.D

Injection Date:	11-Mar-2014 11:46:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-1-C	Lab Sample ID:	460-72174-1		
Client ID:	PMP-14SW-VS				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



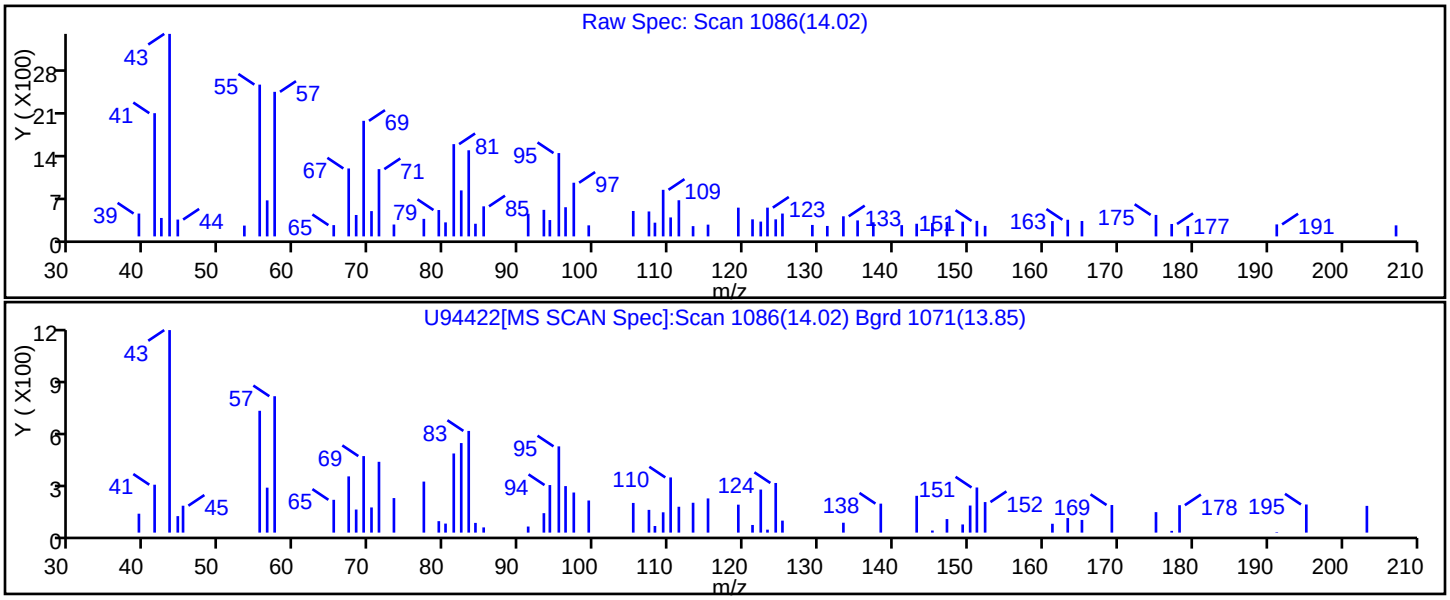
Report Date: 13-Mar-2014 10:28:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94422.D

Injection Date:	11-Mar-2014 11:46:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-1-C	Lab Sample ID:	460-72174-1		
Client ID:	PMP-14SW-VS				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 13-Mar-2014 10:28:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94422.D

Injection Date: 11-Mar-2014 11:46:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-1-C Lab Sample ID: 460-72174-1

Client ID: PMP-14SW-VS

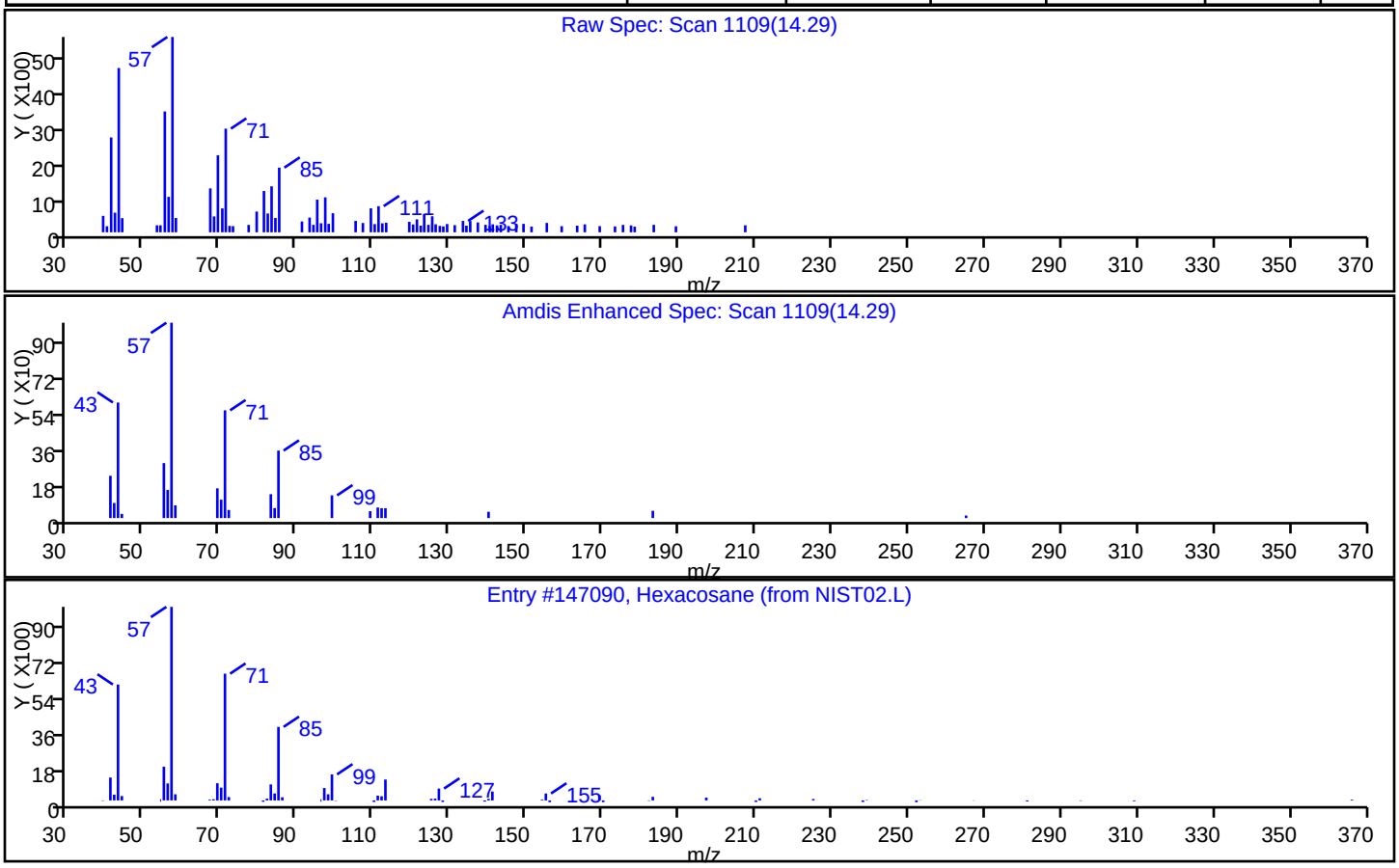
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexacosane	630-01-3	NIST02.L	147090	C26H54	366	86



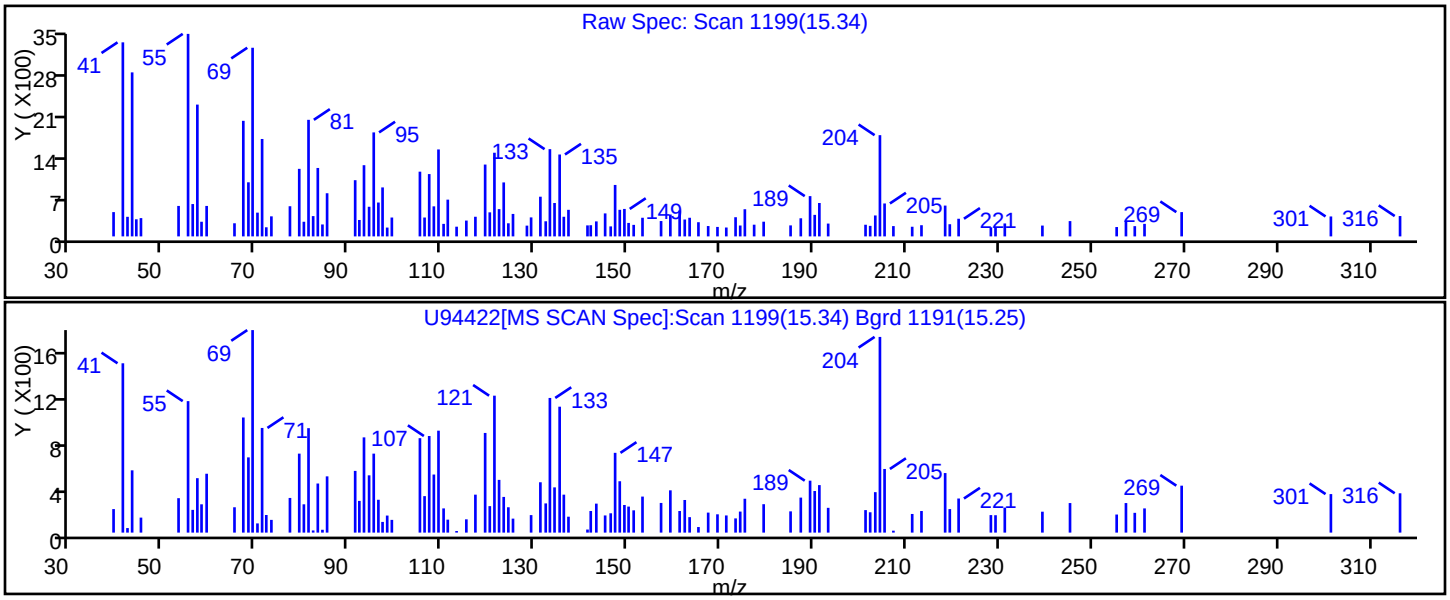
Report Date: 13-Mar-2014 10:28:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94422.D

Injection Date:	11-Mar-2014 11:46:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-1-C	Lab Sample ID:	460-72174-1		
Client ID:	PMP-14SW-VS				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



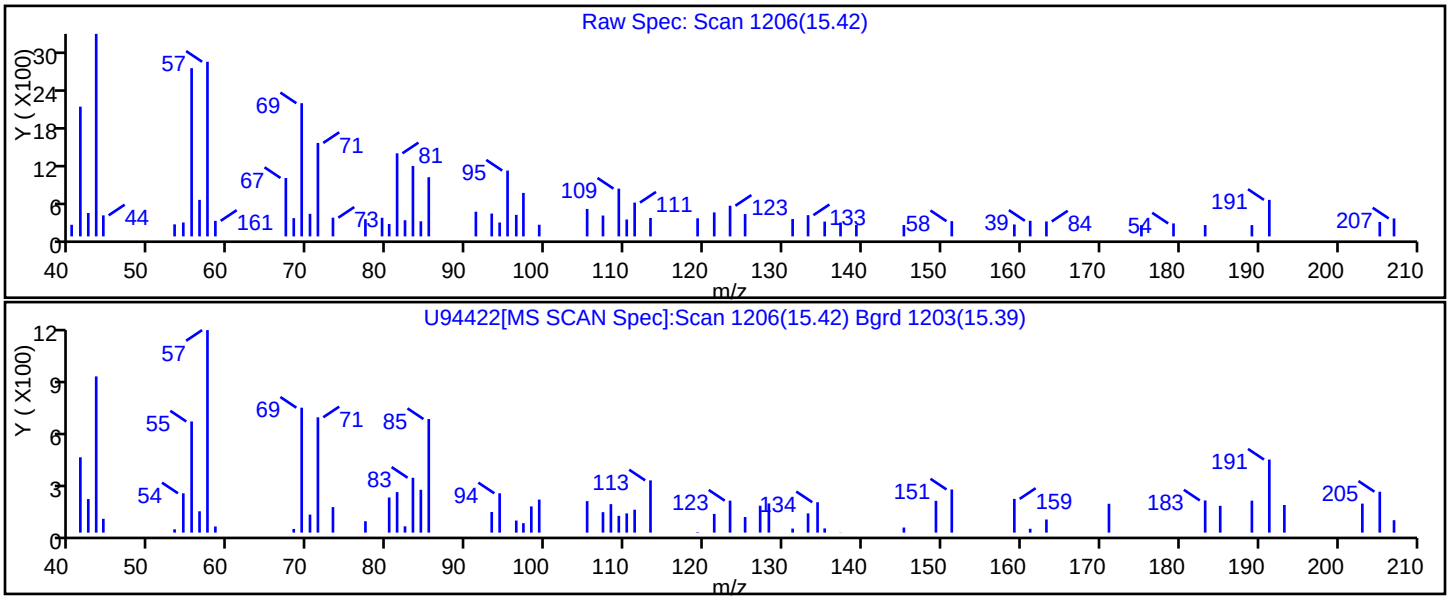
Report Date: 13-Mar-2014 10:28:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94422.D

Injection Date:	11-Mar-2014 11:46:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-1-C	Lab Sample ID:	460-72174-1		
Client ID:	PMP-14SW-VS				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-VS | Lab Sample ID: 460-72174-2

Matrix: Solid | Lab File ID: U94458.D

Analysis Method: 8270C | Date Collected: 03/06/2014 09:35

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) | Date Analyzed: 03/12/2014 03:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211922 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	92	U	690	92
95-57-8	2-Chlorophenol	90	U	690	90
95-48-7	2-Methylphenol	120	U	690	120
106-44-5	4-Methylphenol	140	U	690	140
100-52-7	Benzaldehyde	81	U	690	81
98-86-2	Acetophenone	110	U	690	110
111-44-4	Bis(2-chloroethyl)ether	9.4	U	69	9.4
108-60-1	2,2'-oxybis[1-chloropropane]	76	U	690	76
621-64-7	N-Nitrosodi-n-propylamine	11	U	69	11
98-95-3	Nitrobenzene	9.8	U *	69	9.8
67-72-1	Hexachloroethane	7.7	U	69	7.7
78-59-1	Isophorone	83	U	690	83
88-75-5	2-Nitrophenol	77	U	690	77
105-67-9	2,4-Dimethylphenol	170	U	690	170
120-83-2	2,4-Dichlorophenol	100	U	690	100
111-91-1	Bis(2-chloroethoxy)methane	89	U	690	89
91-20-3	Naphthalene	80	U	690	80
106-47-8	4-Chloroaniline	180	U	690	180
87-68-3	Hexachlorobutadiene	17	U	140	17
105-60-2	Caprolactam	160	U	690	160
59-50-7	4-Chloro-3-methylphenol	100	U	690	100
91-57-6	2-Methylnaphthalene	88	U	690	88
118-74-1	Hexachlorobenzene	9.4	U	69	9.4
77-47-4	Hexachlorocyclopentadiene	81	U	690	81
88-06-2	2,4,6-Trichlorophenol	81	U	690	81
95-95-4	2,4,5-Trichlorophenol	89	U	690	89
92-52-4	Diphenyl	92	U	690	92
91-58-7	2-Chloronaphthalene	77	U	690	77
88-74-4	2-Nitroaniline	290	U	1400	290
606-20-2	2,6-Dinitrotoluene	21	U	140	21
131-11-3	Dimethyl phthalate	82	U	690	82
208-96-8	Acenaphthylene	81	U	690	81
99-09-2	3-Nitroaniline	240	U	1400	240
83-32-9	Acenaphthene	100	U	690	100

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-VS | Lab Sample ID: 460-72174-2

Matrix: Solid | Lab File ID: U94458.D

Analysis Method: 8270C | Date Collected: 03/06/2014 09:35

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) | Date Analyzed: 03/12/2014 03:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211922 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	440	U	2100	440
51-28-5	2,4-Dinitrophenol	390	U	2100	390
132-64-9	Dibenzofuran	81	U	690	81
84-66-2	Diethyl phthalate	82	U	690	82
86-73-7	Fluorene	88	U	690	88
206-44-0	Fluoranthene	92	U	690	92
84-74-2	Di-n-butyl phthalate	85	U	690	85
121-14-2	2,4-Dinitrotoluene	23	U	140	23
7005-72-3	4-Chlorophenyl phenyl ether	81	U	690	81
100-01-6	4-Nitroaniline	210	U	1400	210
534-52-1	4,6-Dinitro-2-methylphenol	190	U	2100	190
101-55-3	4-Bromophenyl phenyl ether	68	U	690	68
1912-24-9	Atrazine	110	U	690	110
120-12-7	Anthracene	84	U	690	84
86-74-8	Carbazole	81	U	690	81
85-01-8	Phenanthrene	88	U	690	88
87-86-5	Pentachlorophenol	210	U	2100	210
129-00-0	Pyrene	82	J	690	58
218-01-9	Chrysene	80	U	690	80
207-08-9	Benzo[k]fluoranthene	5.2	U	69	5.2
191-24-2	Benzo[g,h,i]perylene	51	U	690	51
205-99-2	Benzo[b]fluoranthene	4.3	U	69	4.3
50-32-8	Benzo[a]pyrene	4.9	U	69	4.9
56-55-3	Benzo[a]anthracene	4.8	U	69	4.8
86-30-6	N-Nitrosodiphenylamine	68	U	690	68
85-68-7	Butyl benzyl phthalate	63	U	690	63
117-81-7	Bis(2-ethylhexyl) phthalate	230	U	690	230
117-84-0	Di-n-octyl phthalate	44	U	690	44
193-39-5	Indeno[1,2,3-cd]pyrene	13	U	69	13
53-70-3	Dibenz(a,h)anthracene	8.7	U	69	8.7
91-94-1	3,3'-Dichlorobenzidine	240	U	1400	240
95-94-3	1,2,4,5-Tetrachlorobenzene	93	U	690	93
58-90-2	2,3,4,6-Tetrachlorophenol	89	U	690	89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-VS | Lab Sample ID: 460-72174-2

Matrix: Solid | Lab File ID: U94458.D

Analysis Method: 8270C | Date Collected: 03/06/2014 09:35

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) | Date Analyzed: 03/12/2014 03:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211922 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	78		40-106
4165-62-2	Phenol-d5	82		44-104
1718-51-0	Terphenyl-d14	76		41-145
118-79-6	2,4,6-Tribromophenol	75		19-114
367-12-4	2-Fluorophenol	76		39-103
321-60-8	2-Fluorobiphenyl	95		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-VS | Lab Sample ID: 460-72174-2

Matrix: Solid | Lab File ID: U94458.D

Analysis Method: 8270C | Date Collected: 03/06/2014 09:35

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) | Date Analyzed: 03/12/2014 03:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211922 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 30920

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown alkane	6.86	870	J
	Unknown alkane	7.17	1900	J
	Unknown alkane	7.87	1400	J
13029-08-8	1,1'-Biphenyl, 2,2'-dichloro-	8.08	2200	J N
	Unknown alkane	8.35	900	J
	Unknown alkane	8.63	1400	J
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.99	1500	J N
	Unknown alkane	9.23	4200	J
35693-92-6	1,1'-Biphenyl, 2,4,6-trichloro-	9.30	870	J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	9.37	1000	J N
	Unknown alkane	9.54	1400	J
35693-99-3	1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	9.66	1500	J N
32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	9.77	980	J N
41464-41-9	1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	10.01	2400	J N
35693-99-3	1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	10.14	1100	J N
69782-90-7	1,1'-Biphenyl, 2,3,3',4,4',5'-hexachloro	10.86	2000	J N
	Unknown	12.50	1000	J
	Unknown	13.15	1500	J
53584-60-4	28-Nor-17.alpha.(H)-hopane	14.35	1500	J N
	Unknown	15.37	1300	J

Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D
Lims ID: 460-72174-E-2-A Lab Sample ID: 460-72174-2
Client ID: PMP-23SW-VS
Sample Type: Client
Inject. Date: 12-Mar-2014 03:09:30 ALS Bottle#: 31 Worklist Smp#: 31
Injection Vol: 1.0 ul Dil. Factor: 2.0000
Sample Info: 460-0010721-031
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 09:18:54 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: bayoumiw Date: 13-Mar-2014 09:16:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.123	3.108	0.015	90	99841	19.0	
$ 6 Phenol-d5	99	4.031	4.055	-0.024	70	130138	20.5	
* 13 1,4-Dichlorobenzene-d4	152	4.401	4.401	0.0	96	120250	40.0	
$ 25 Nitrobenzene-d5	82	4.947	4.974	-0.027	95	118212	19.4	
* 35 Naphthalene-d8	136	5.680	5.689	-0.009	100	493536	40.0	
41 2-Methylnaphthalene	142	6.391	6.404	-0.013	58	1994	0.2756	
$ 48 2-Fluorobiphenyl	172	6.754	6.776	-0.022	97	150071	23.7	
* 61 Acenaphthene-d10	164	7.427	7.432	-0.005	92	185608	40.0	
$ 76 2,4,6-Tribromophenol	330	8.202	8.213	-0.011	90	13303	18.6	
* 83 Phenanthrene-d10	188	8.885	8.889	-0.004	99	197527	40.0	
84 Phenanthrene	178	8.908	8.921	-0.013	1	1055	0.1916	
90 Pyrene	202	10.300	10.309	-0.009	82	2963	0.5884	
$ 91 Terphenyl-d14	244	10.457	10.461	-0.004	99	70086	19.0	
* 96 Chrysene-d12	240	11.645	11.649	-0.004	96	159296	40.0	
* 103 Perylene-d12	264	13.577	13.580	-0.003	98	195479	40.0	

Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D
Lims ID: 460-72174-E-2-A Lab Sample ID: 460-72174-2
Client ID: PMP-23SW-VS
Sample Type: Client
Inject. Date: 12-Mar-2014 03:09:30 ALS Bottle#: 31 Worklist Smp#: 31
Injection Vol: 1.0 ul Dil. Factor: 2.0000
Sample Info: 460-0010721-031
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 09:18:54 Calib Date: 27-Feb-2014 14:00:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: bayoumiw Date: 13-Mar-2014 09:16:34

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown alkane						
6.858	150575	6.25	61	0	0		0	
		Unknown alkane						
7.173	330559	13.7	61	0	0		0	
		Unknown alkane						
7.870	239986	9.95	61	0	0		0	
13029-08-8		1,1'-Biphenyl, 2,2'-dichloro-						
8.077	386528	16.0	61	99	70596	C12H8Cl2	222	
		Unknown alkane						
8.348	361036	6.47	83	0	0		0	
		Unknown alkane						
8.628	553665	9.93	83	0	0		0	
16606-02-3		1,1'-Biphenyl, 2,4',5-trichloro-						
8.986	584404	10.5	83	99	91788	C12H7Cl3	256	
		Unknown alkane						
9.233	1677923	30.1	83	0	0		0	
35693-92-6		1,1'-Biphenyl, 2,4,6-trichloro-						
9.300	350261	6.28	83	99	91785	C12H7Cl3	256	
38444-86-9		1,1'-Biphenyl, 2',3,4-trichloro-						
9.368	405892	7.28	83	98	91793	C12H7Cl3	256	
		Unknown alkane						
9.536	545672	9.79	83	0	0		0	
35693-99-3		1,1'-Biphenyl, 2,2',5,5'-tetrachloro-						
9.660	609258	10.9	83	99	111725	C12H6Cl4	290	

Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-						
9.772	393109	7.05	83	99	111742	C12H6Cl4	290	
	41464-41-9	1,1'-Biphenyl, 2,2',5,6-Tetrachloro-						
10.008	971686	17.4	83	99	111715	C12H6Cl4	290	
	35693-99-3	1,1'-Biphenyl, 2,2',5,5'-tetrachloro-						
10.143	423060	7.59	83	99	111725	C12H6Cl4	290	
	69782-90-7	1,1'-Biphenyl, 2,3,3',4,4',5'-hexachloro						
10.861	182080	14.5	96	99	143900	C12H4Cl6	358	
		Unknown						
12.497	92484	7.37	96					
		Unknown						
13.149	167032	10.7	103					
	53584-60-4	28-Nor-17.alpha.(H)-hopane						
14.353	165443	10.6	103	86	156126	C29H50	398	
		Unknown						
15.374	148387	9.50	103					

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.427	964384	40.0
* 83 Phenanthrene-d10	8.829	2230584	40.0
* 96 Chrysene-d12	11.645	502206	40.0
* 103 Perylene-d12	13.577	624524	40.0

QC Flag Legend

Processing Flags

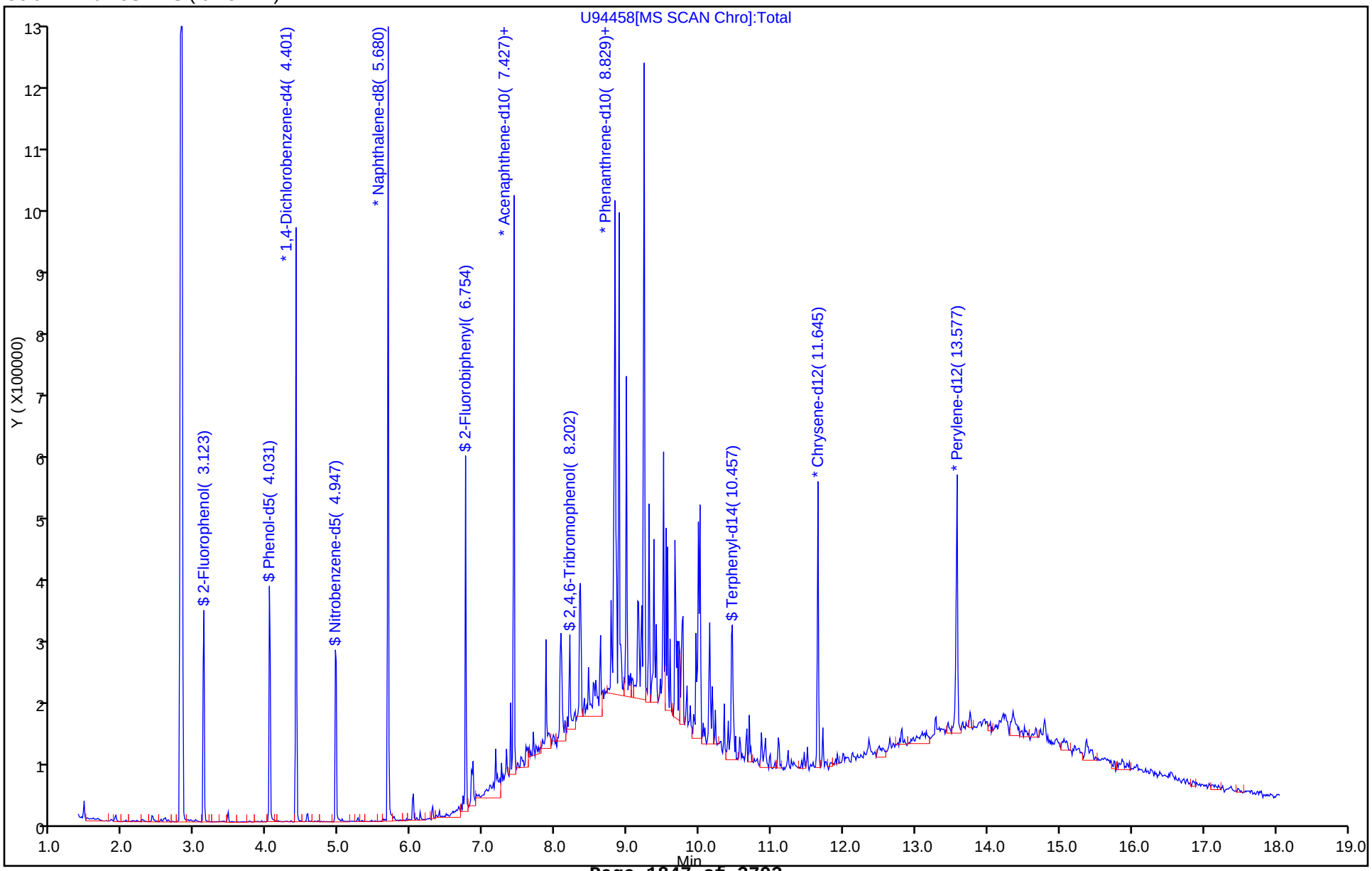
Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D

Injection Date:	12-Mar-2014 03:09:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-72174-E-2-A	Lab Sample ID:	460-72174-2	Worklist Smp#:	31
Client ID:	PMP-23SW-VS				
Injection Vol:	1.0 ul	Dil. Factor:	2.0000	ALS Bottle#:	31
Method:	8270_4R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

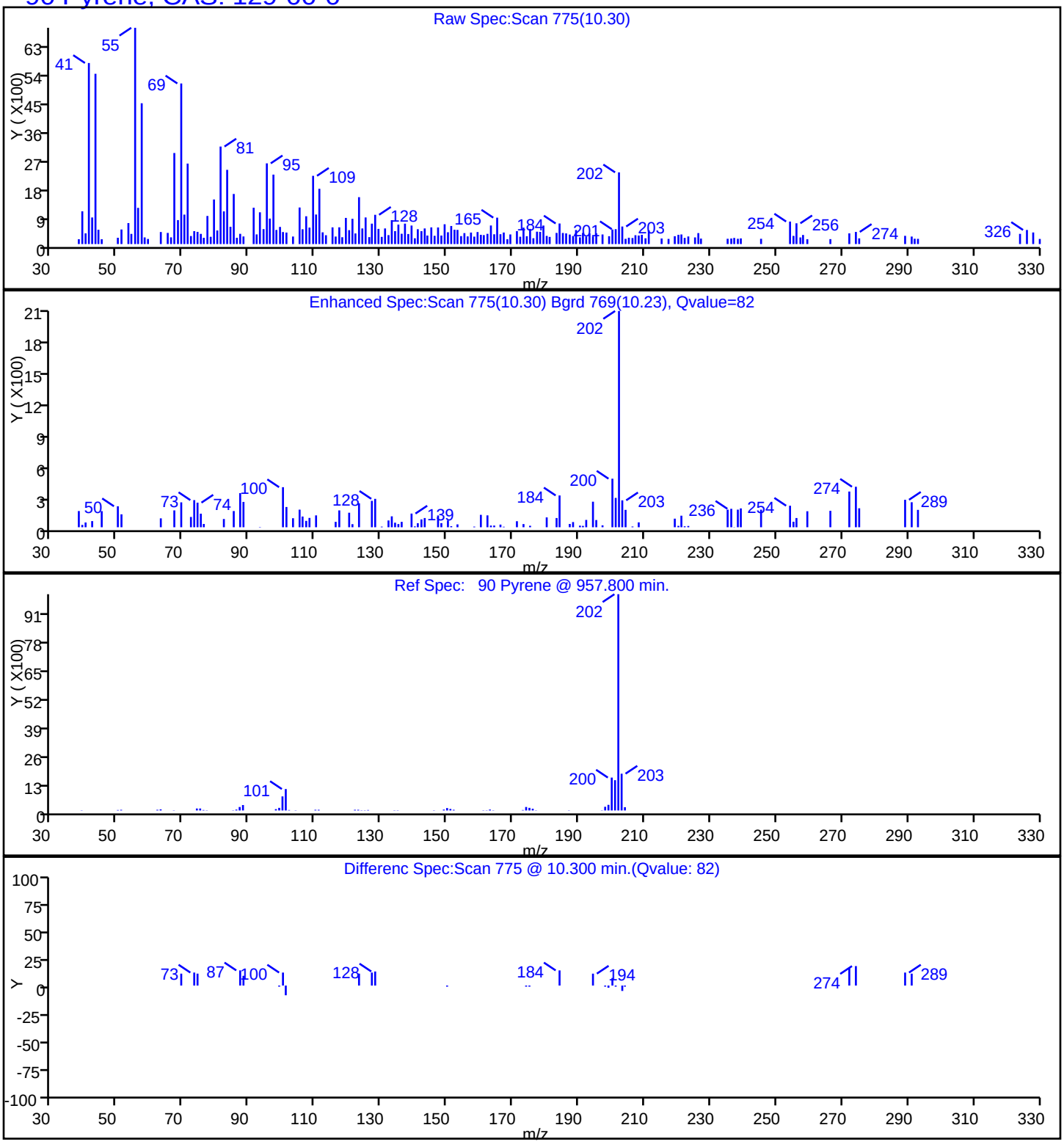


Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D				
Injection Date:	12-Mar-2014 03:09:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-2-A	Lab Sample ID:	460-72174-2		
Client ID:	PMP-23SW-VS				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Pyrene, CAS: 129-00-0



Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D

Injection Date: 12-Mar-2014 03:09:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-2-A Lab Sample ID: 460-72174-2

Client ID: PMP-23SW-VS

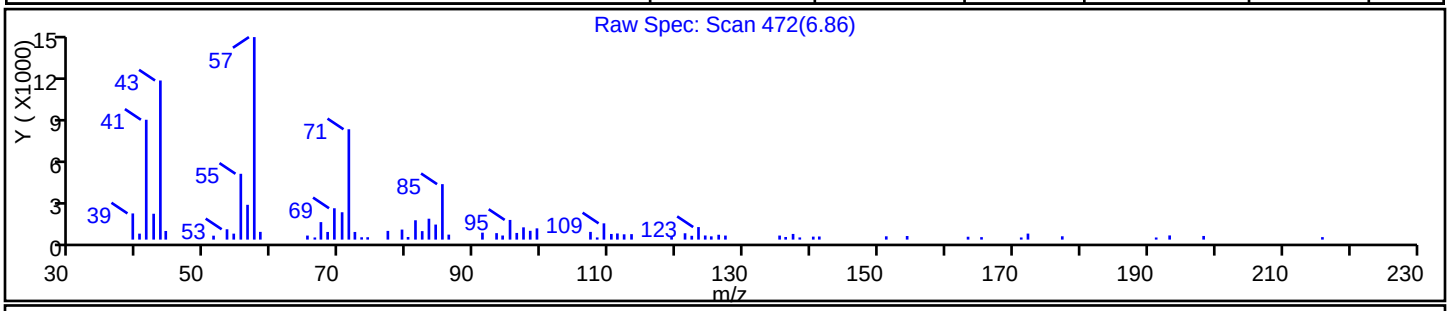
Operator ID: ALS Bottle#: 31 Worklist Smp#: 31

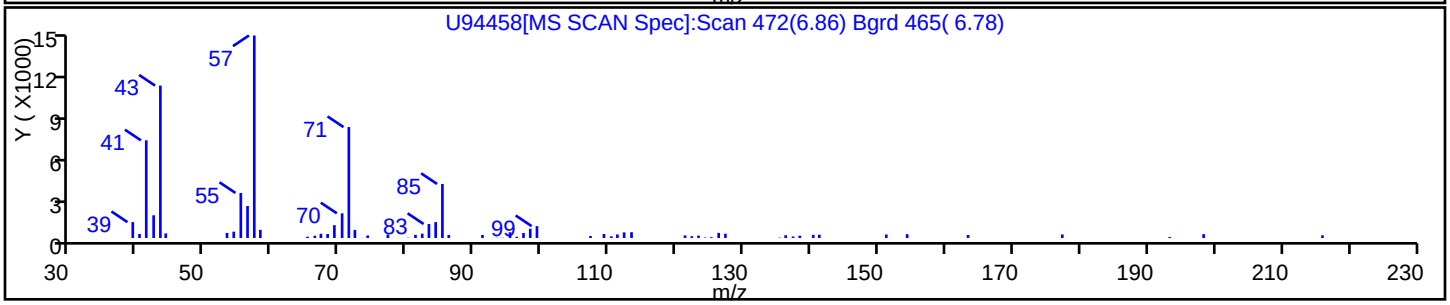
Injection Vol: 1.0 ul Dil. Factor: 2.0000

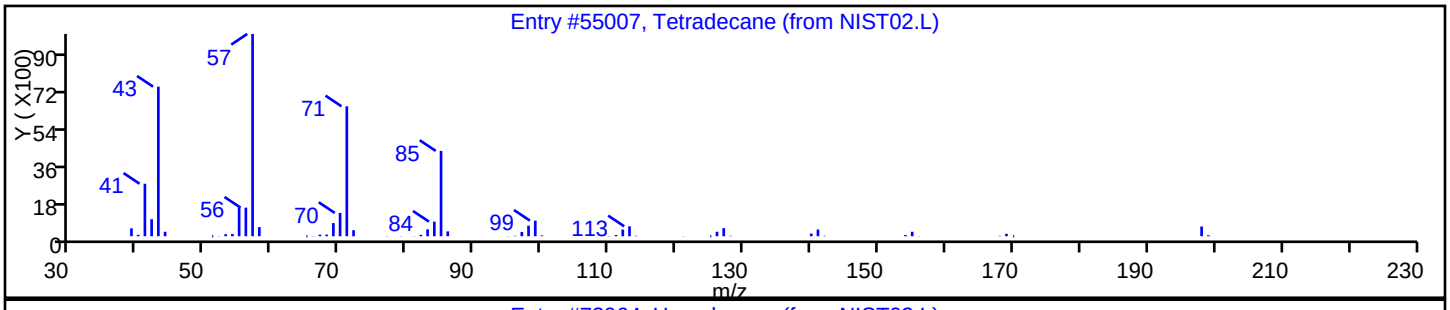
Method: 8270_4R Limit Group: SV 8270 ICAL

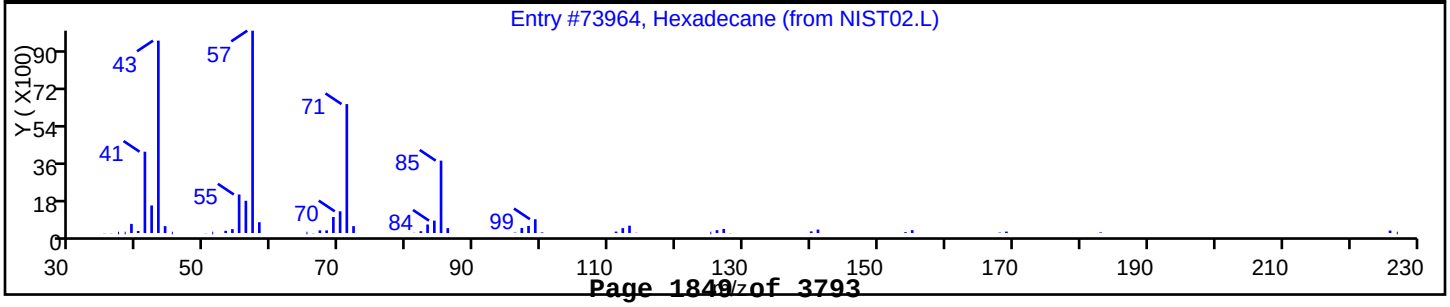
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Tetradecane	629-59-4	NIST02.L	55007	C14H30	198	91
Hexadecane	544-76-3	NIST02.L	73964	C16H34	226	90









Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D

Injection Date: 12-Mar-2014 03:09:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-2-A Lab Sample ID: 460-72174-2

Client ID: PMP-23SW-VS

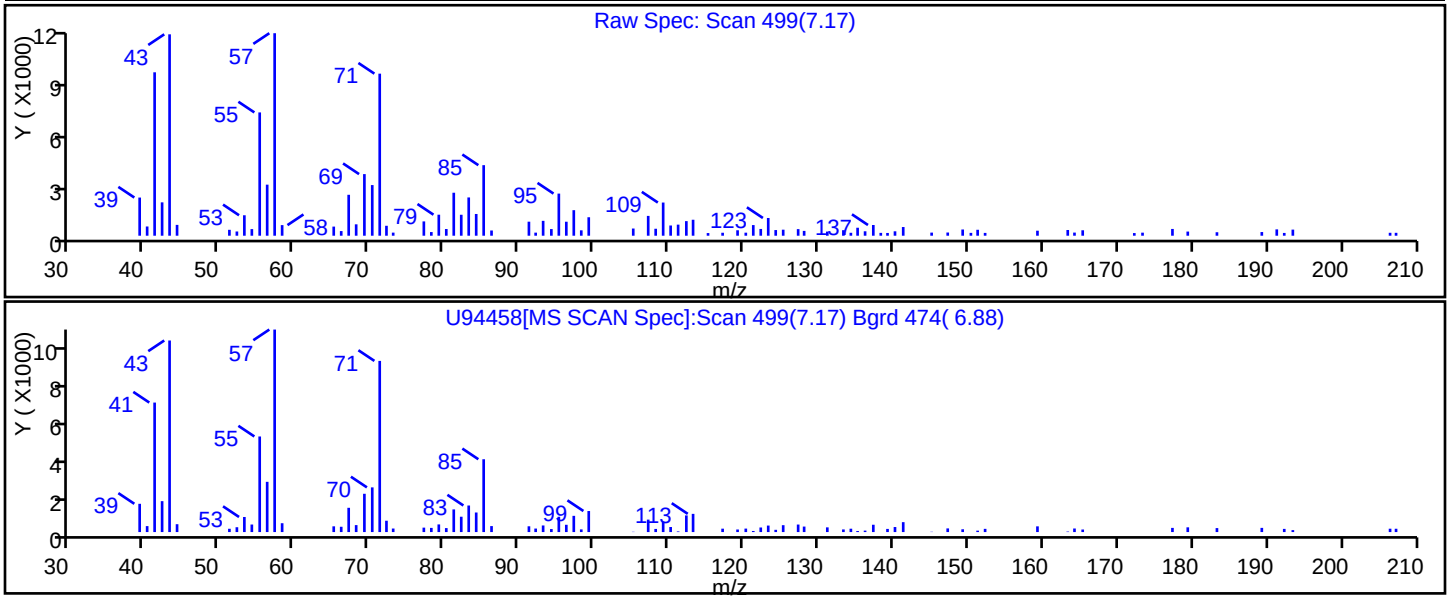
Operator ID: ALS Bottle#: 31 Worklist Smp#: 31

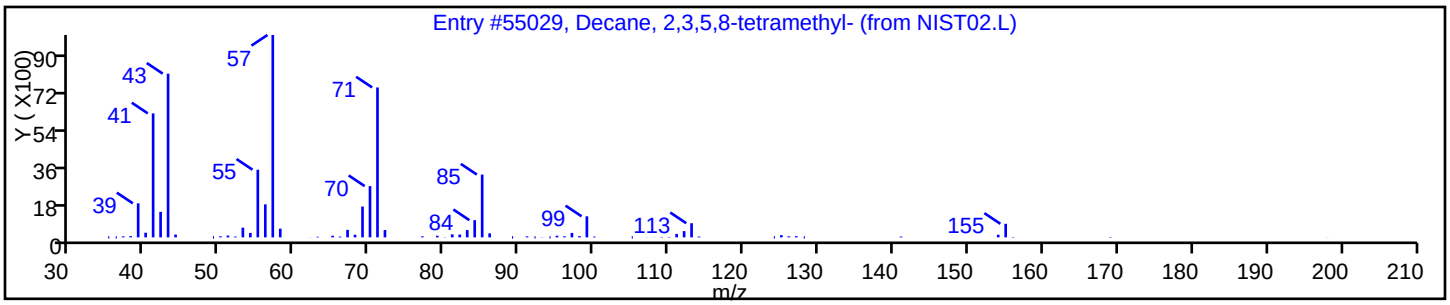
Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Decane, 2,3,5,8-tetramethyl-	192823-15-7	NIST02.L	55029	C14H30	198	90





Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D

Injection Date: 12-Mar-2014 03:09:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-2-A Lab Sample ID: 460-72174-2

Client ID: PMP-23SW-VS

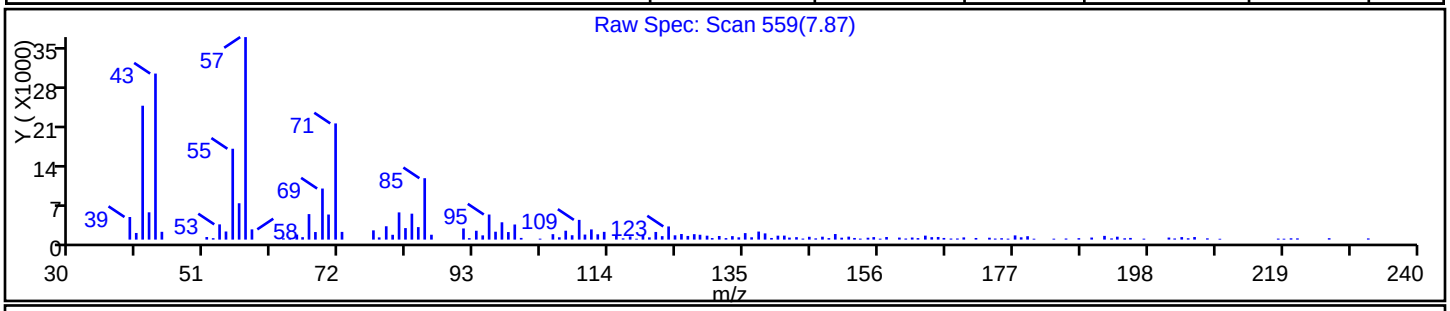
Operator ID: ALS Bottle#: 31 Worklist Smp#: 31

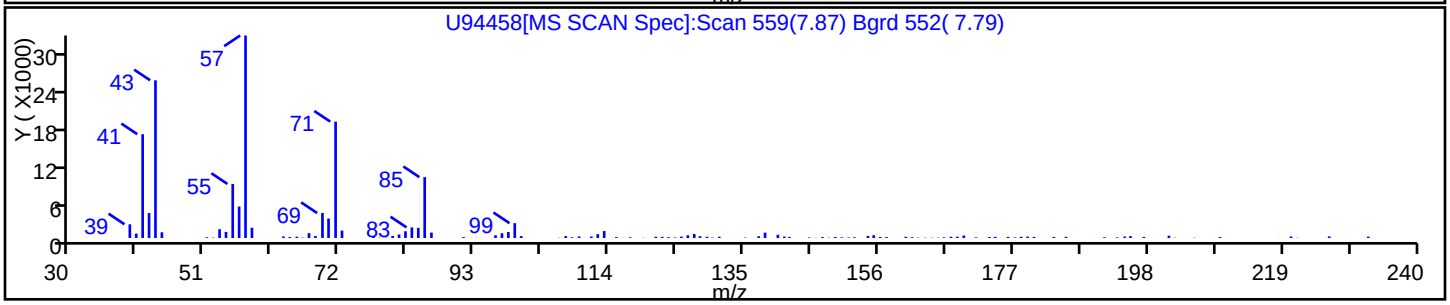
Injection Vol: 1.0 ul Dil. Factor: 2.0000

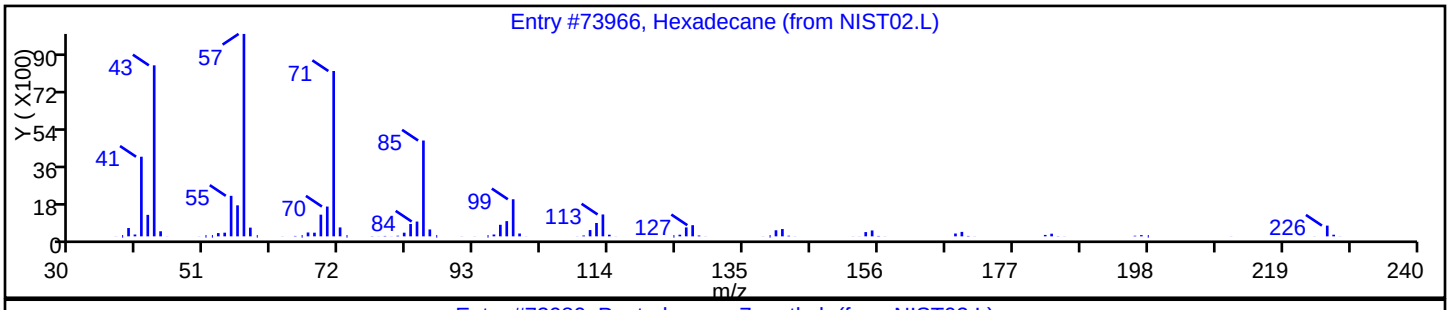
Method: 8270_4R Limit Group: SV 8270 ICAL

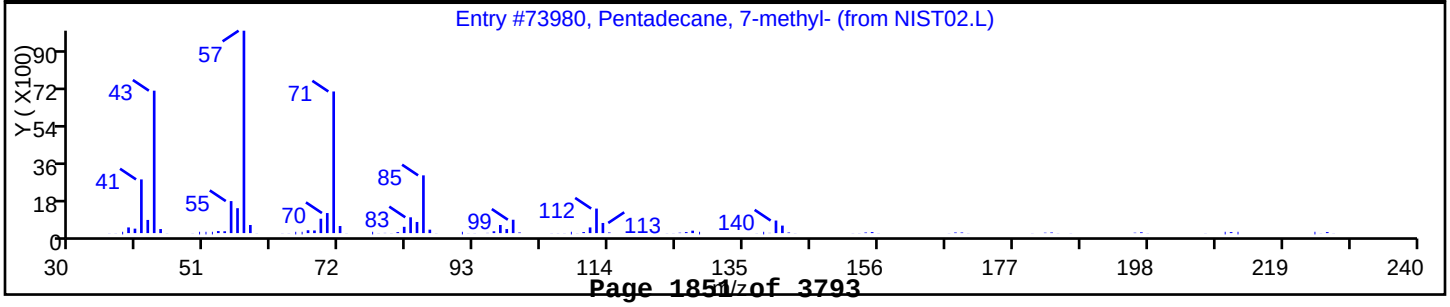
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane	544-76-3	NIST02.L	73966	C16H34	226	97
Pentadecane, 7-methyl-	6165-40-8	NIST02.L	73980	C16H34	226	90









Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D

Injection Date: 12-Mar-2014 03:09:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-2-A Lab Sample ID: 460-72174-2

Client ID: PMP-23SW-VS

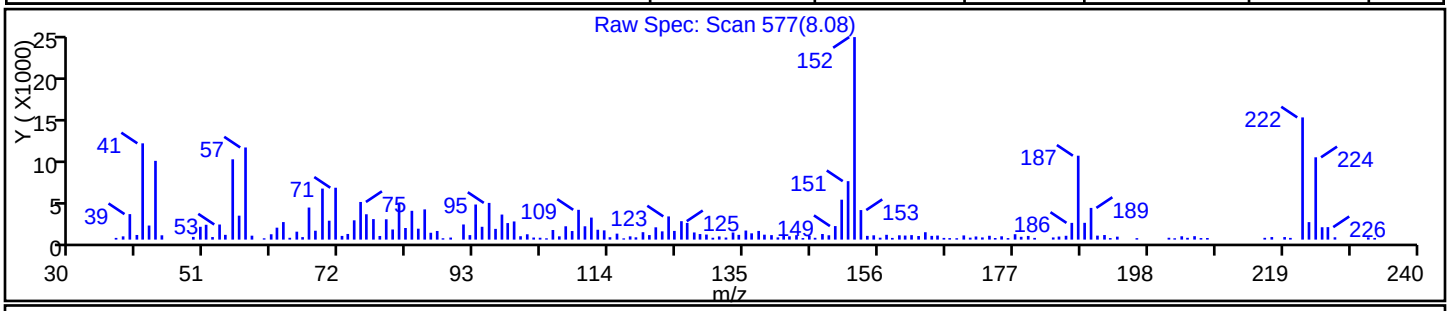
Operator ID: ALS Bottle#: 31 Worklist Smp#: 31

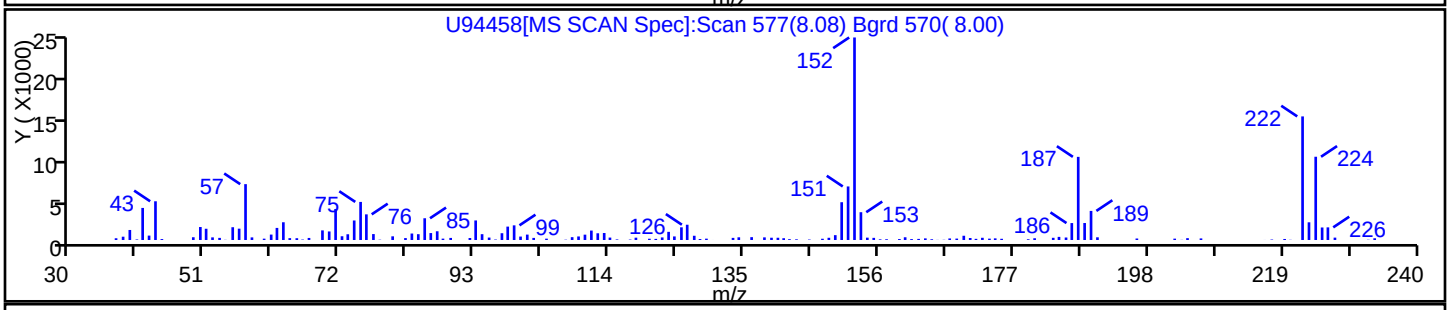
Injection Vol: 1.0 ul Dil. Factor: 2.0000

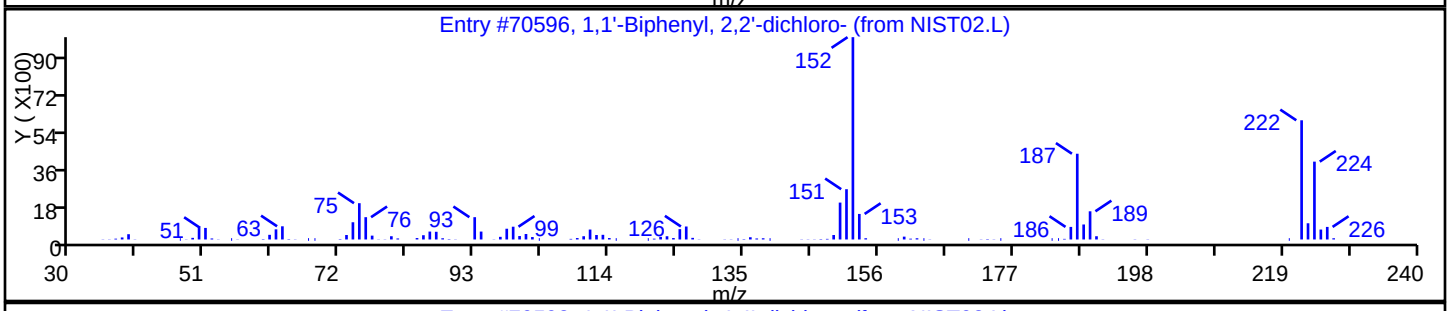
Method: 8270_4R Limit Group: SV 8270 ICAL

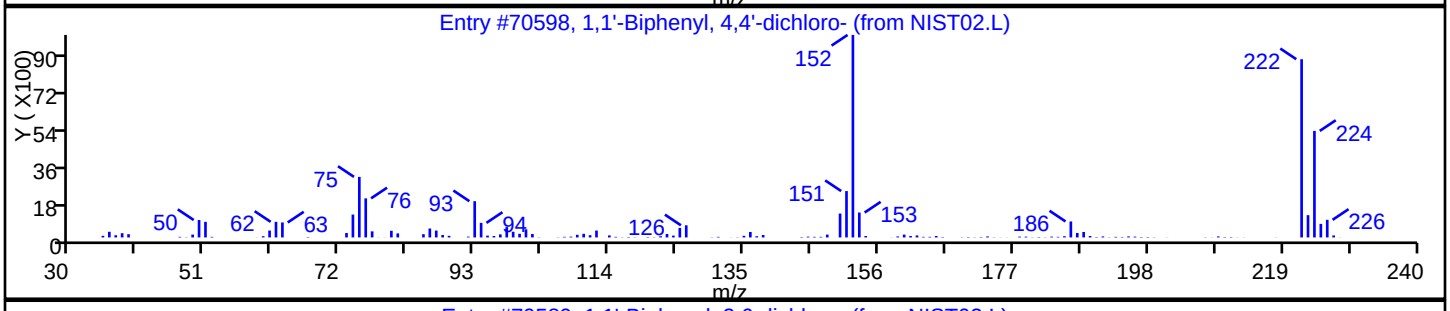
Column: Detector MS SCAN

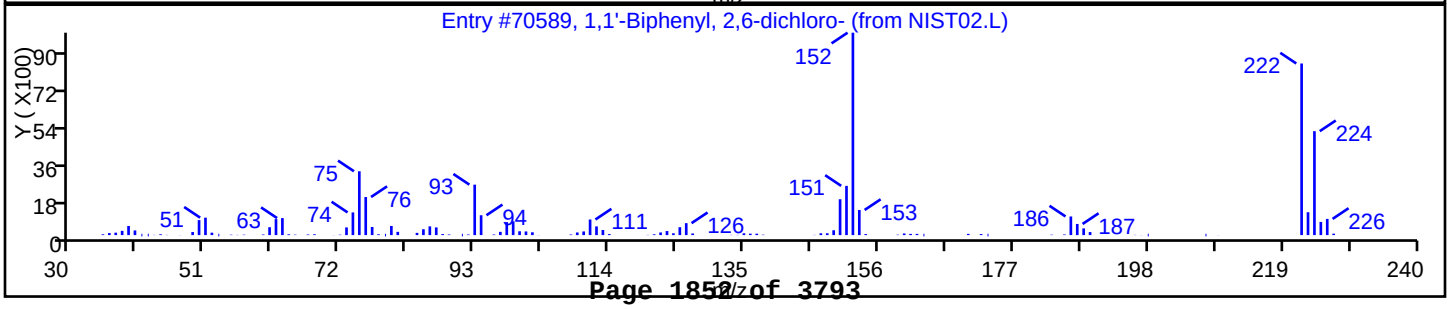
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.L	70596	C12H8Cl2	222	99
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.L	70598	C12H8Cl2	222	95
1,1'-Biphenyl, 2,6-dichloro-	33146-45-1	NIST02.L	70589	C12H8Cl2	222	93











Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D

Injection Date: 12-Mar-2014 03:09:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-2-A Lab Sample ID: 460-72174-2

Client ID: PMP-23SW-VS

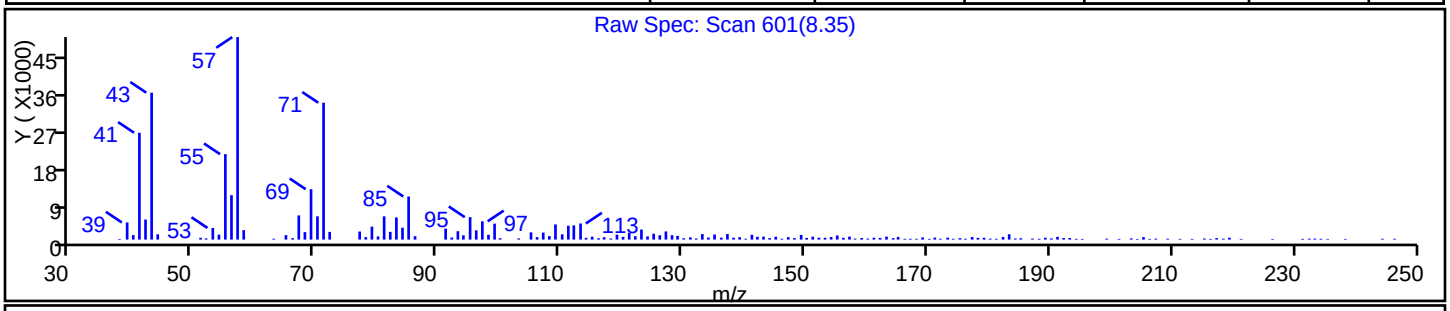
Operator ID: ALS Bottle#: 31 Worklist Smp#: 31

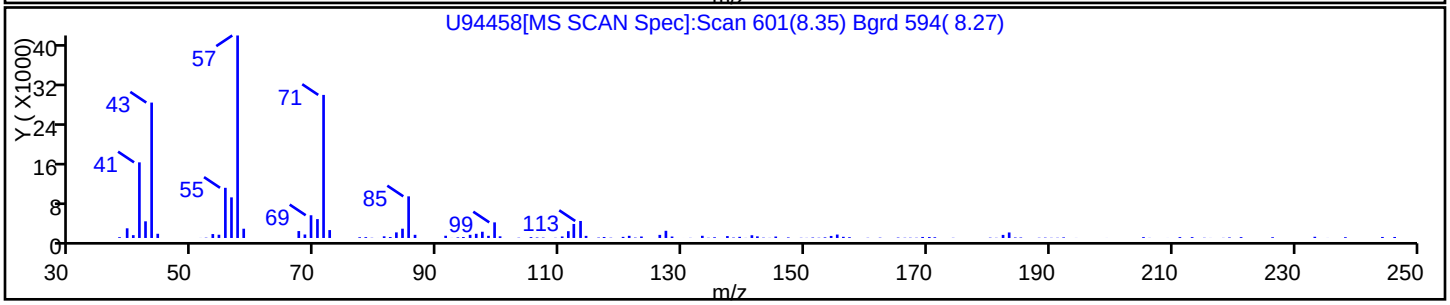
Injection Vol: 1.0 ul Dil. Factor: 2.0000

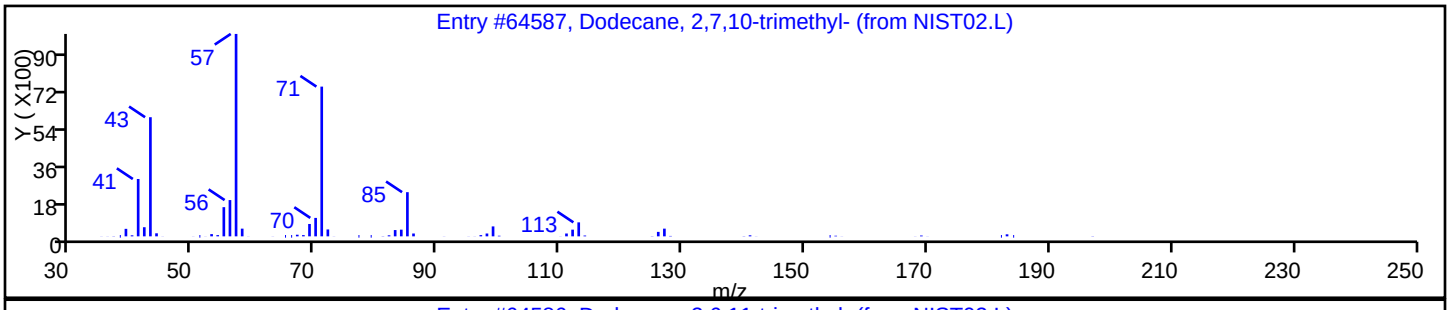
Method: 8270_4R Limit Group: SV 8270 ICAL

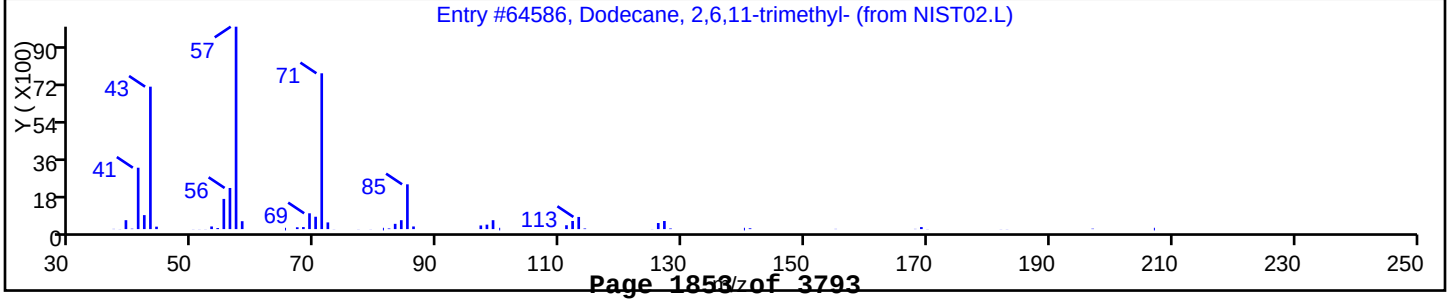
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	90
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64586	C15H32	212	90









Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D

Injection Date: 12-Mar-2014 03:09:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-2-A Lab Sample ID: 460-72174-2

Client ID: PMP-23SW-VS

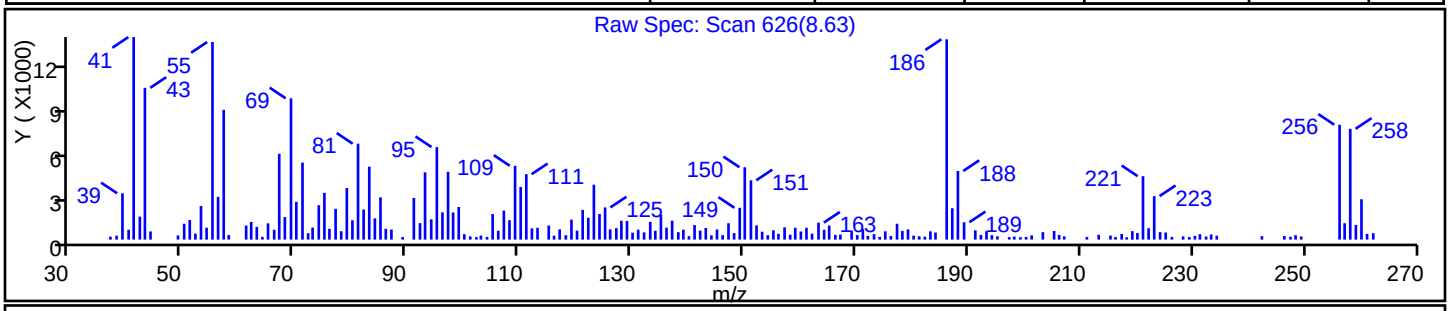
Operator ID: ALS Bottle#: 31 Worklist Smp#: 31

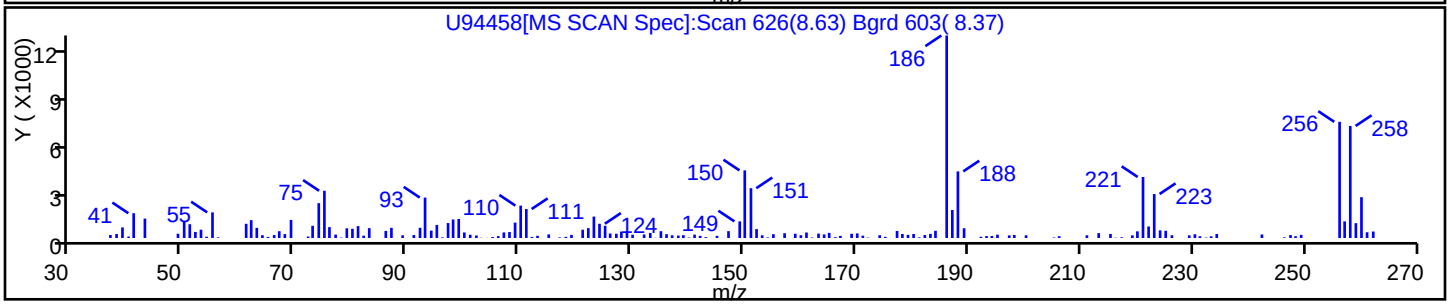
Injection Vol: 1.0 ul Dil. Factor: 2.0000

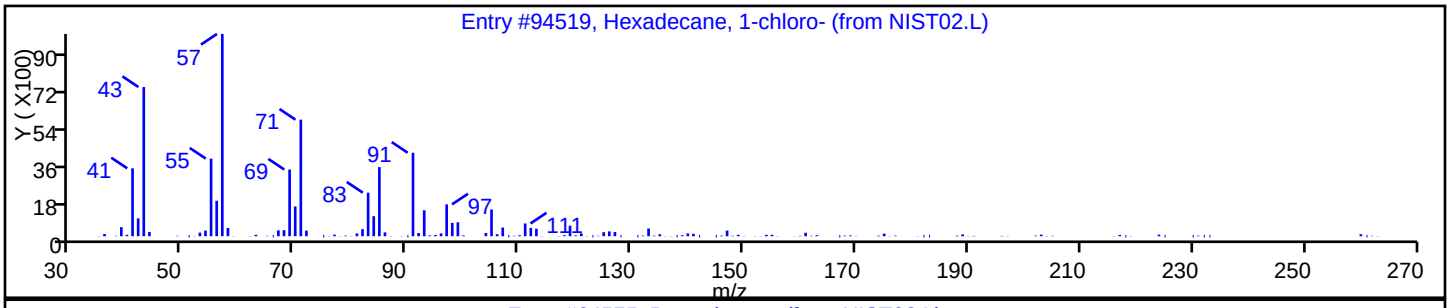
Method: 8270_4R Limit Group: SV 8270 ICAL

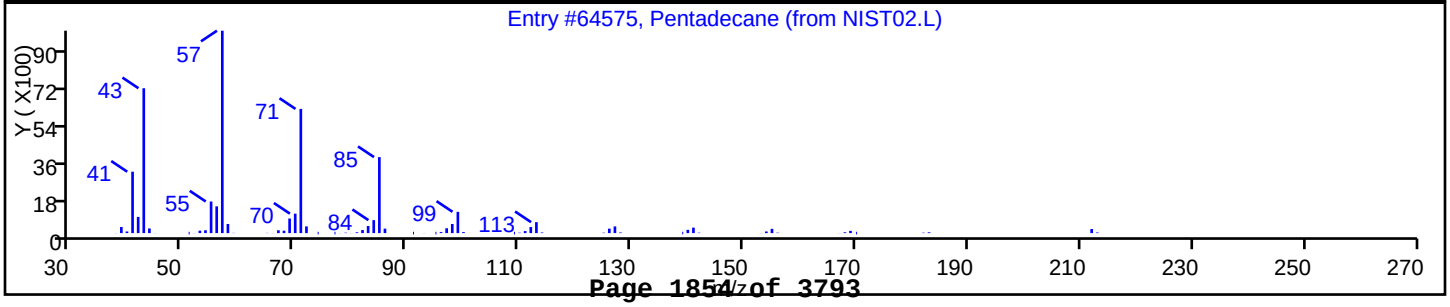
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane, 1-chloro-	4860-03-1	NIST02.L	94519	C16H33Cl	260	86
Pentadecane	629-62-9	NIST02.L	64575	C15H32	212	81









Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D

Injection Date: 12-Mar-2014 03:09:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-2-A Lab Sample ID: 460-72174-2

Client ID: PMP-23SW-VS

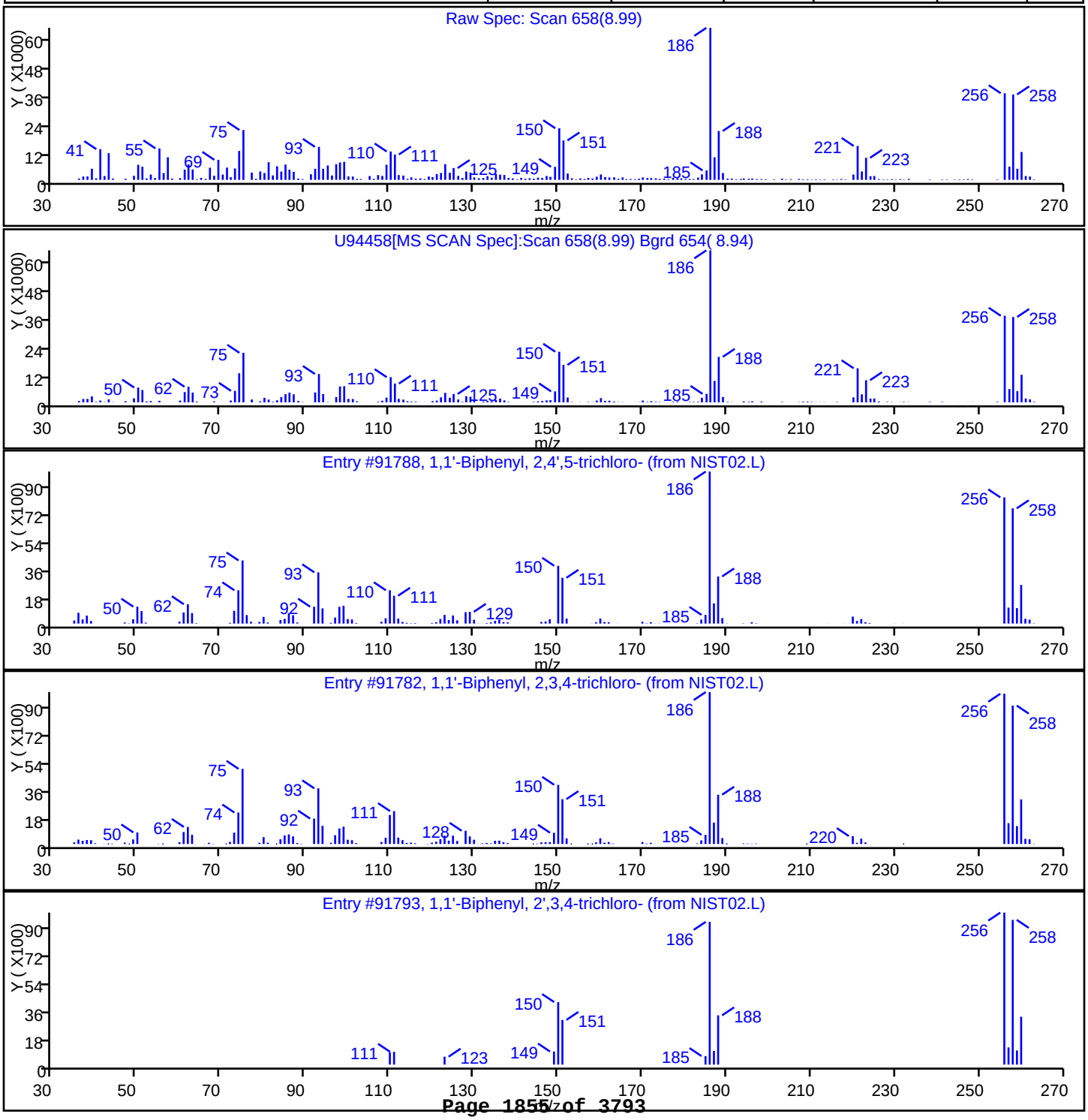
Operator ID: ALS Bottle#: 31 Worklist Smp#: 31

Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	99
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	C12H7Cl3	256	96
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	95



Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D

Injection Date: 12-Mar-2014 03:09:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-2-A Lab Sample ID: 460-72174-2

Client ID: PMP-23SW-VS

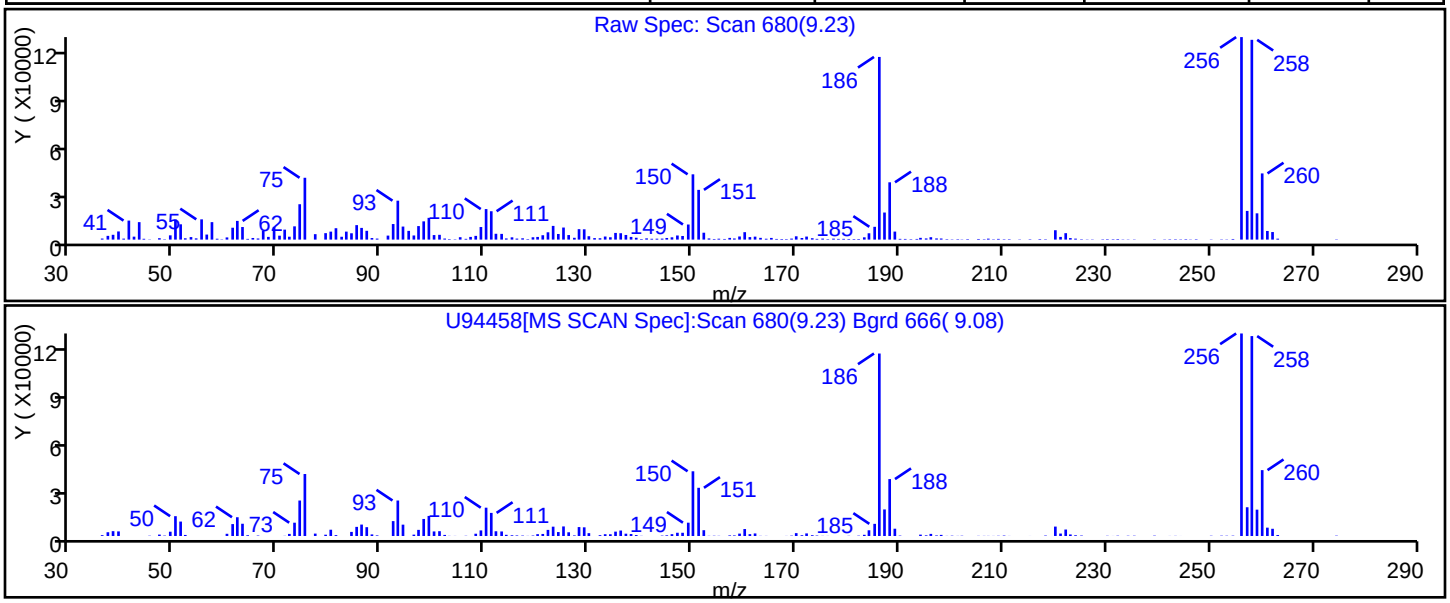
Operator ID: ALS Bottle#: 31 Worklist Smp#: 31

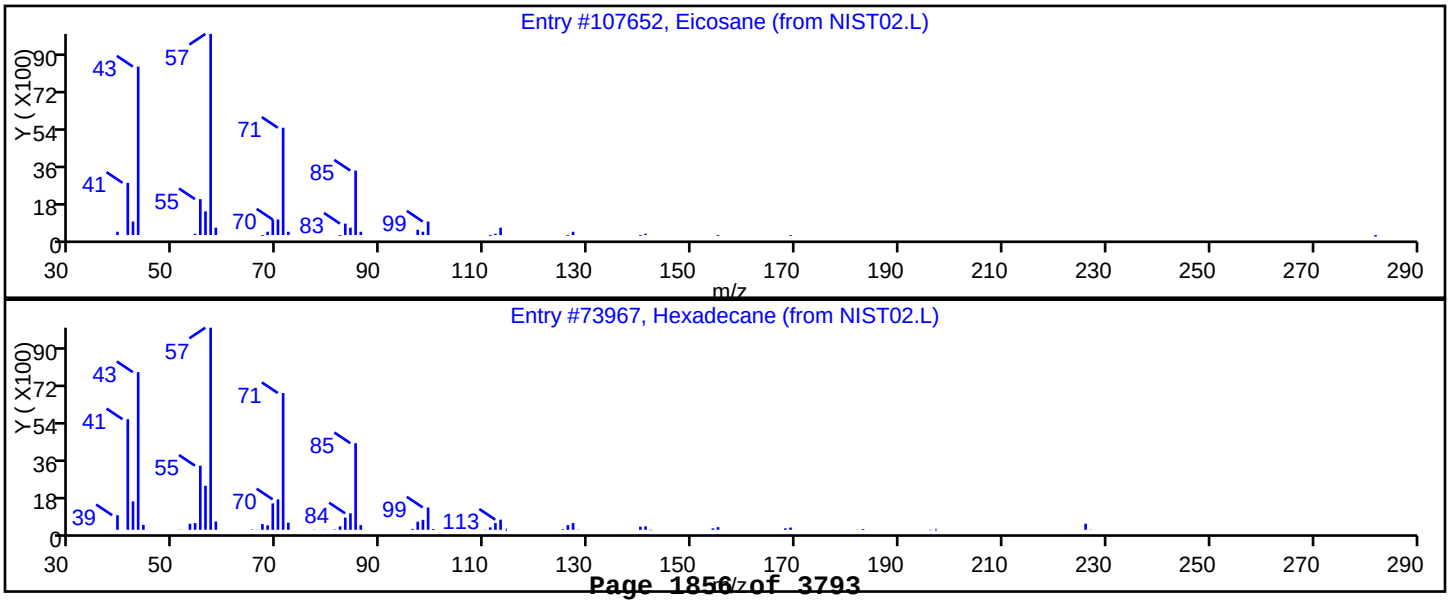
Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	83
Hexadecane	544-76-3	NIST02.L	73967	C16H34	226	83





Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D

Injection Date: 12-Mar-2014 03:09:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-2-A Lab Sample ID: 460-72174-2

Client ID: PMP-23SW-VS

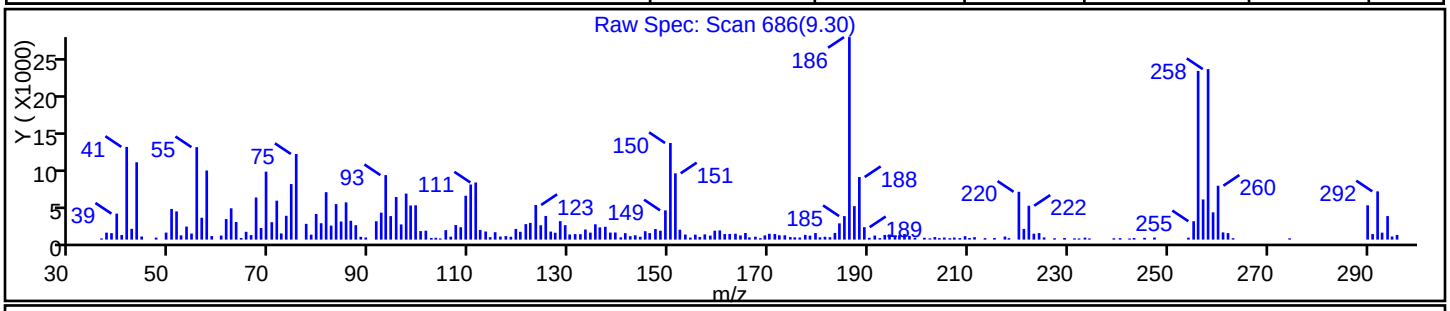
Operator ID: ALS Bottle#: 31 Worklist Smp#: 31

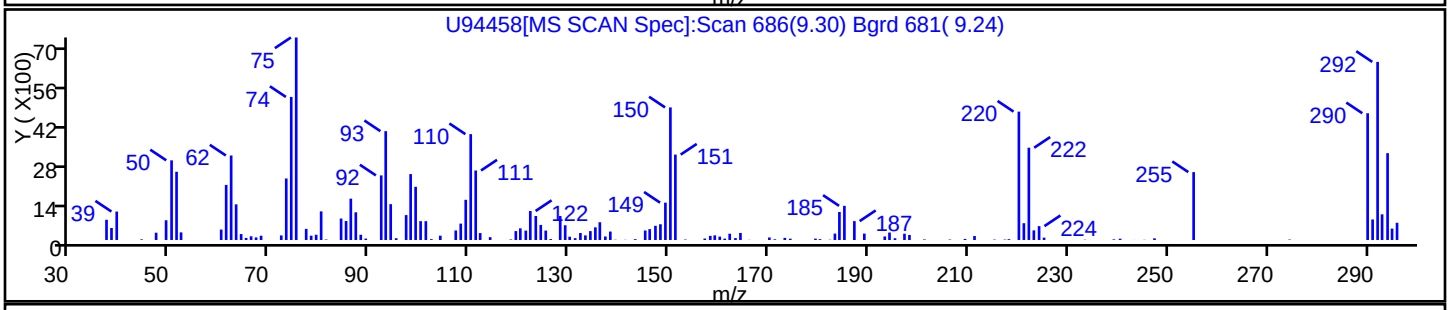
Injection Vol: 1.0 ul Dil. Factor: 2.0000

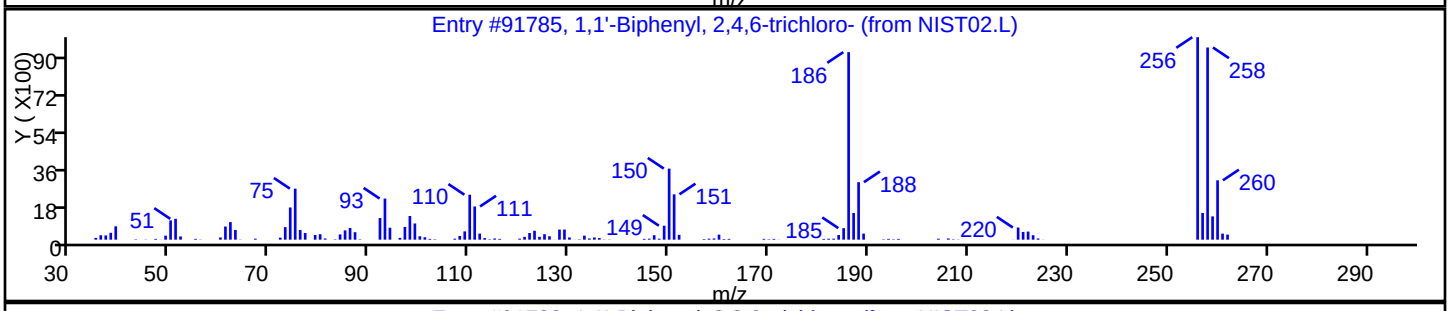
Method: 8270_4R Limit Group: SV 8270 ICAL

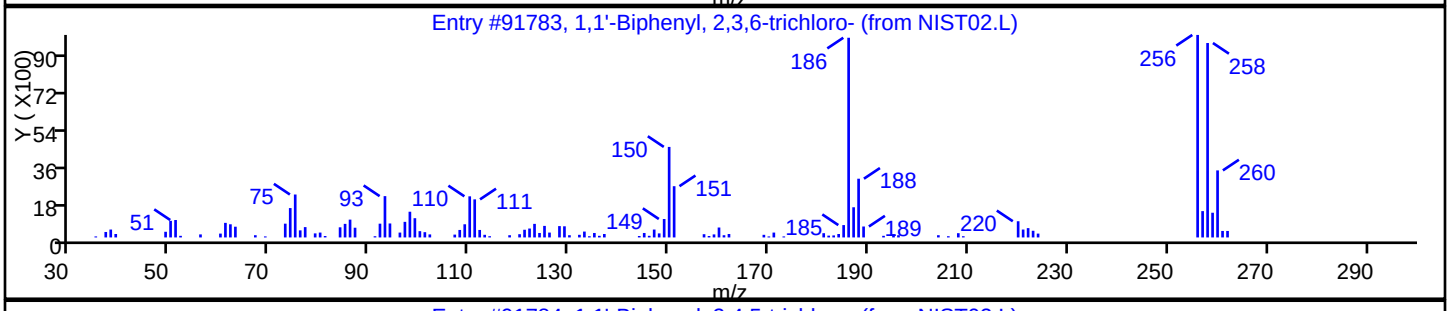
Column: Detector MS SCAN

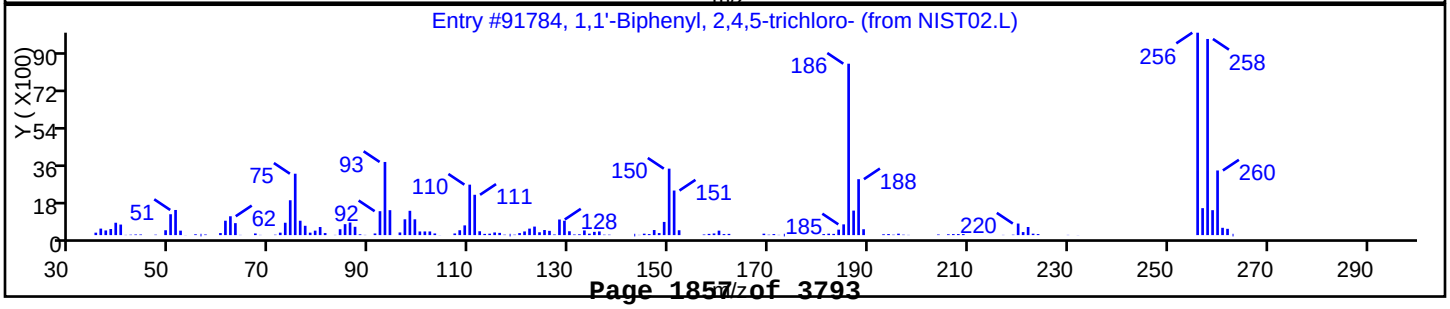
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.L	91785	C12H7Cl3	256	99
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.L	91783	C12H7Cl3	256	99
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.L	91784	C12H7Cl3	256	98











Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D

Injection Date: 12-Mar-2014 03:09:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-2-A Lab Sample ID: 460-72174-2

Client ID: PMP-23SW-VS

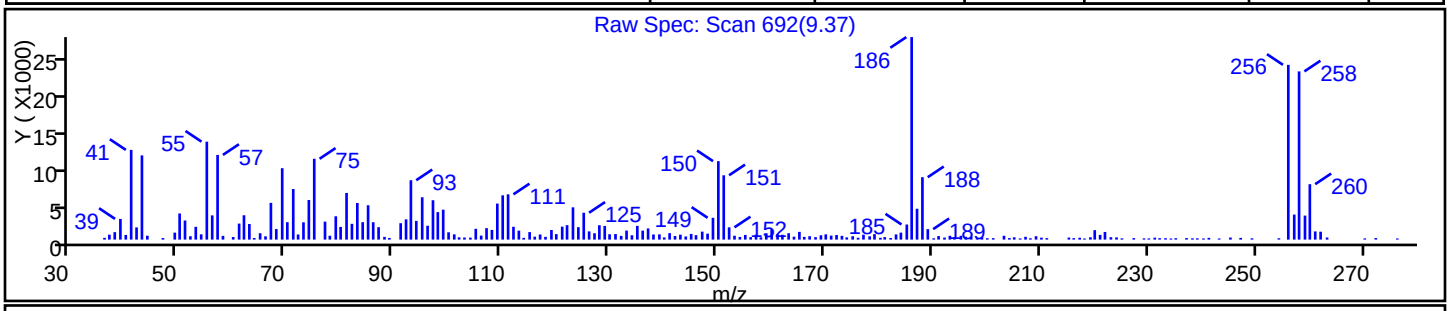
Operator ID: ALS Bottle#: 31 Worklist Smp#: 31

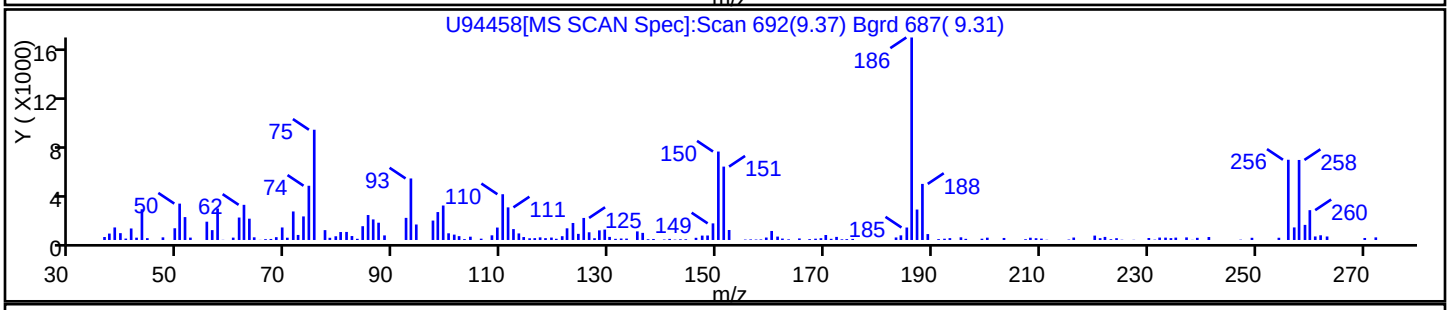
Injection Vol: 1.0 ul Dil. Factor: 2.0000

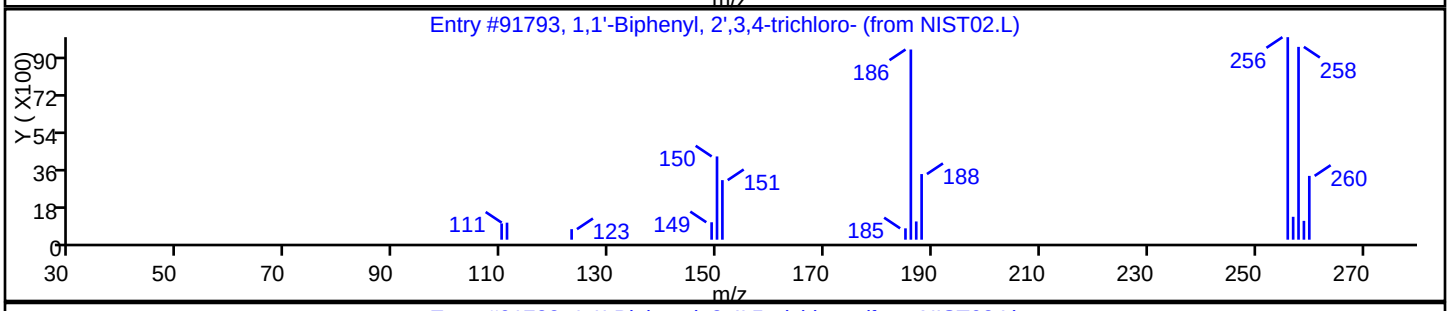
Method: 8270_4R Limit Group: SV 8270 ICAL

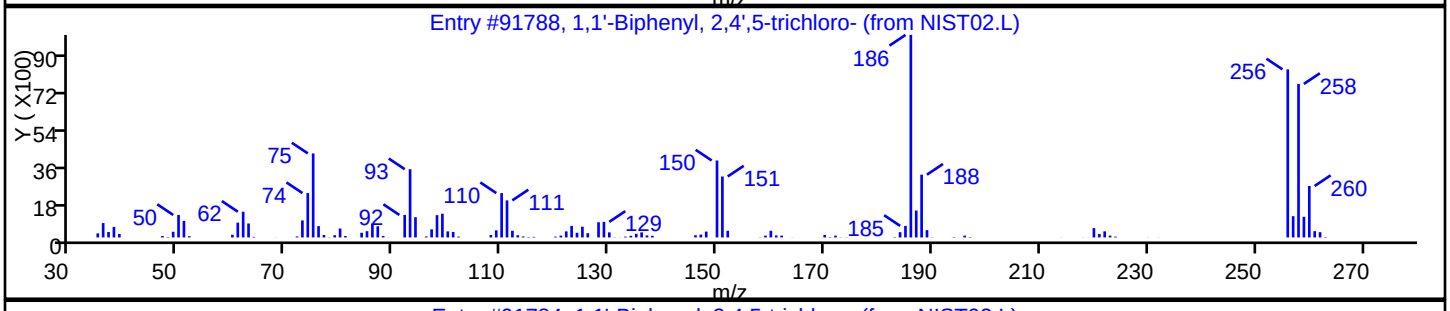
Column: Detector MS SCAN

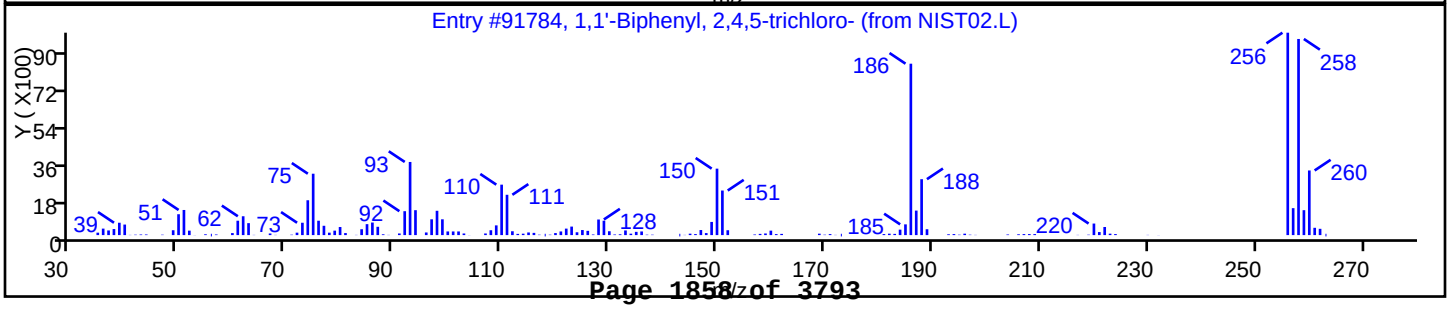
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	98
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	98
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.L	91784	C12H7Cl3	256	98











Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D

Injection Date: 12-Mar-2014 03:09:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-2-A Lab Sample ID: 460-72174-2

Client ID: PMP-23SW-VS

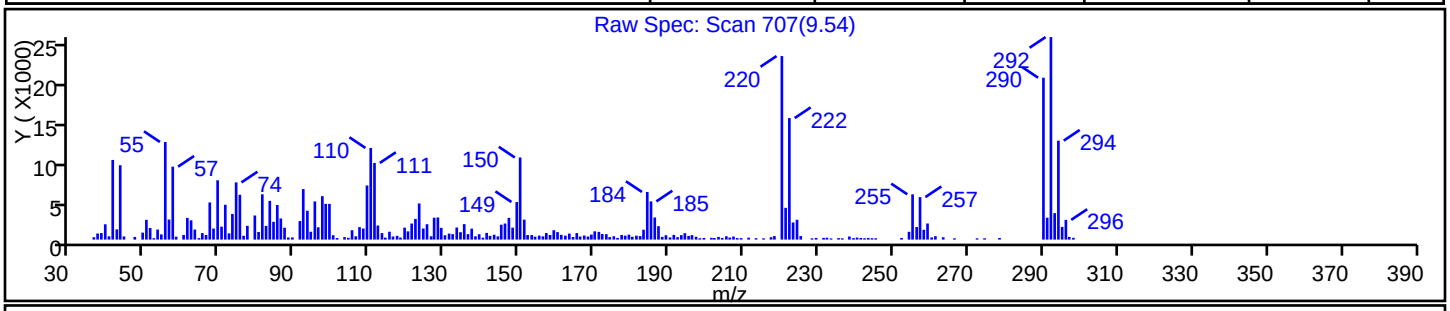
Operator ID: ALS Bottle#: 31 Worklist Smp#: 31

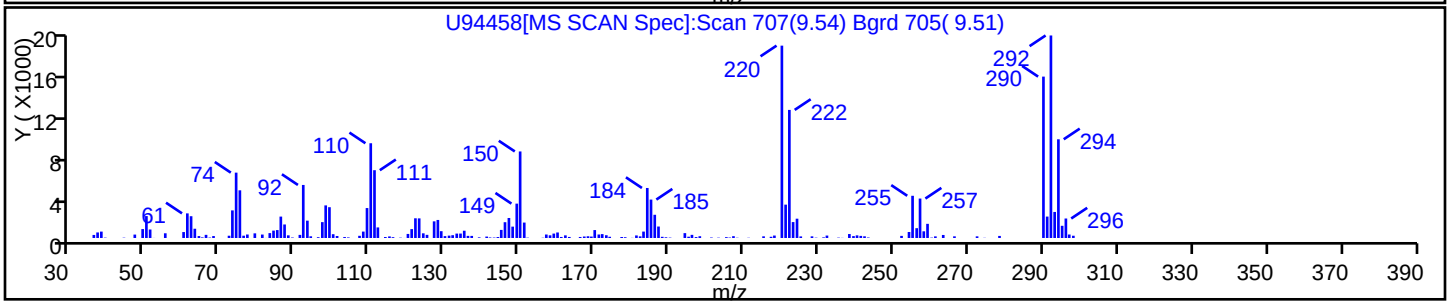
Injection Vol: 1.0 ul Dil. Factor: 2.0000

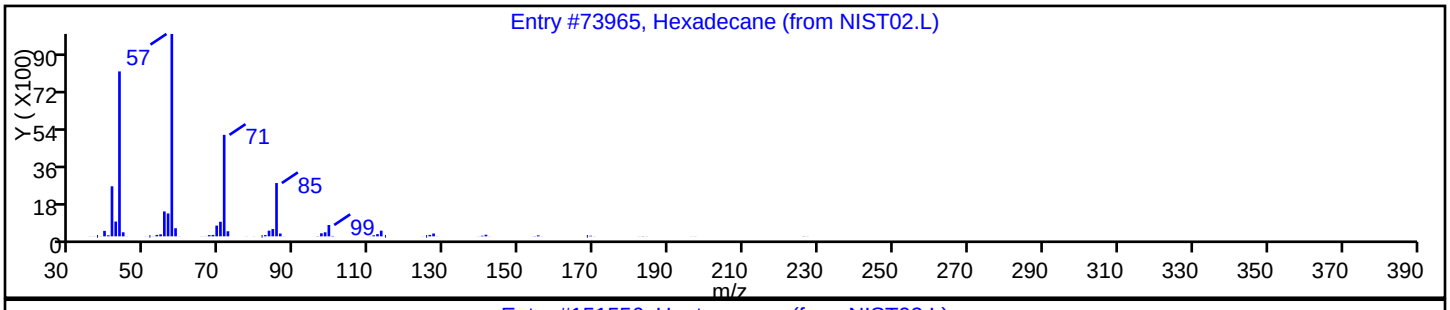
Method: 8270_4R Limit Group: SV 8270 ICAL

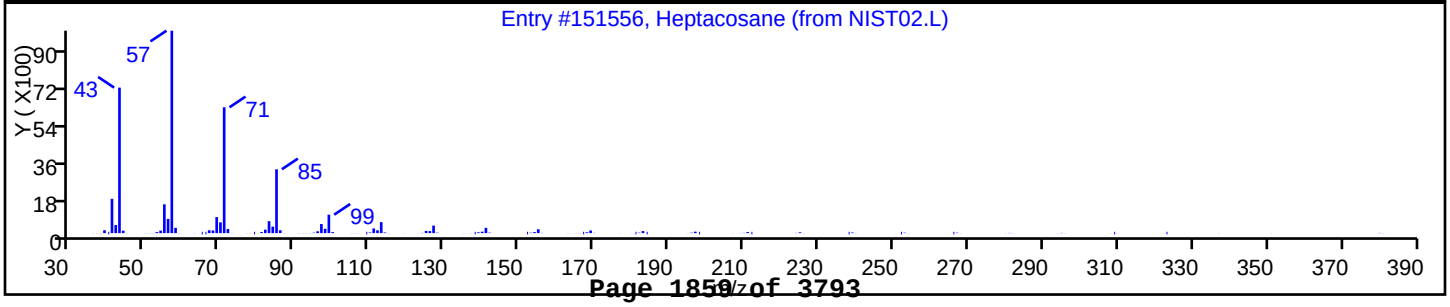
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	91
Heptacosane	593-49-7	NIST02.L	151556	C27H56	380	90









Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D

Injection Date: 12-Mar-2014 03:09:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-2-A Lab Sample ID: 460-72174-2

Client ID: PMP-23SW-VS

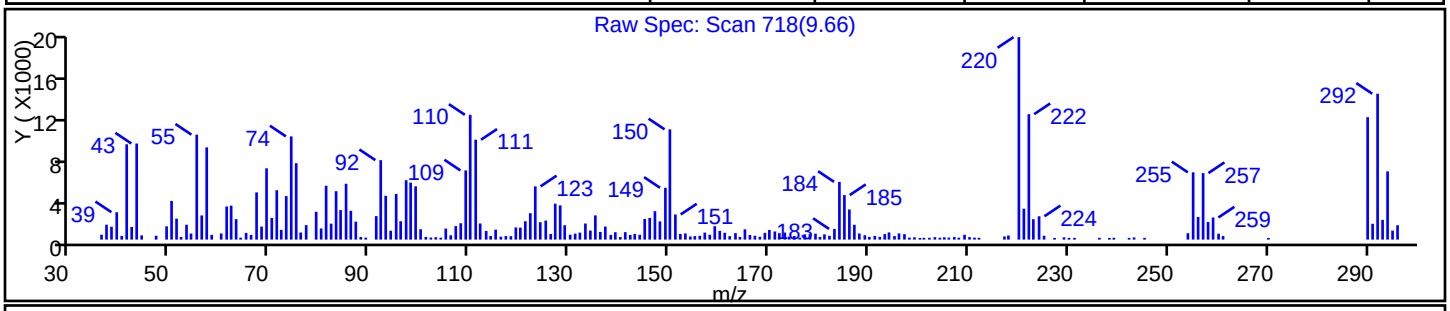
Operator ID: ALS Bottle#: 31 Worklist Smp#: 31

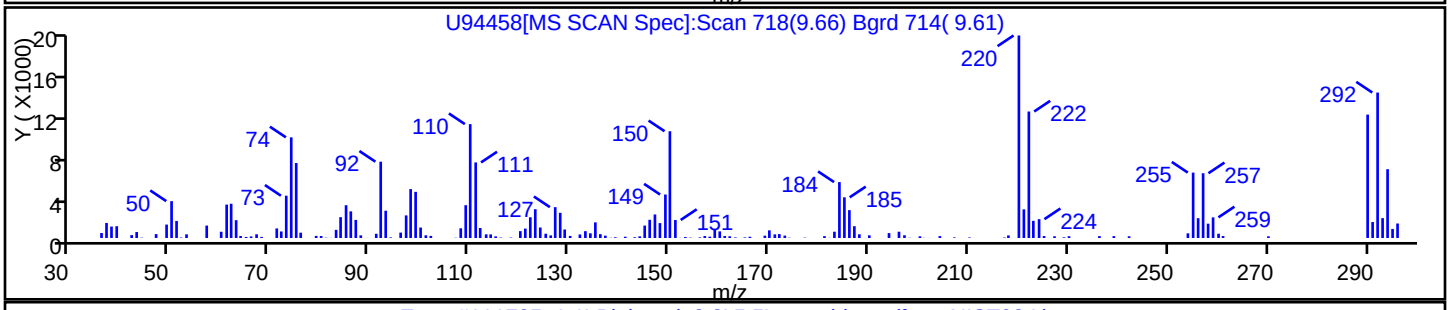
Injection Vol: 1.0 ul Dil. Factor: 2.0000

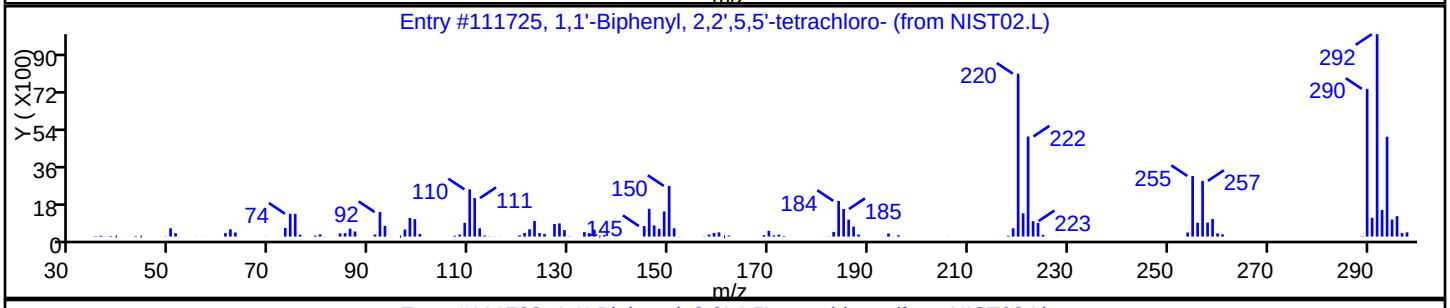
Method: 8270_4R Limit Group: SV 8270 ICAL

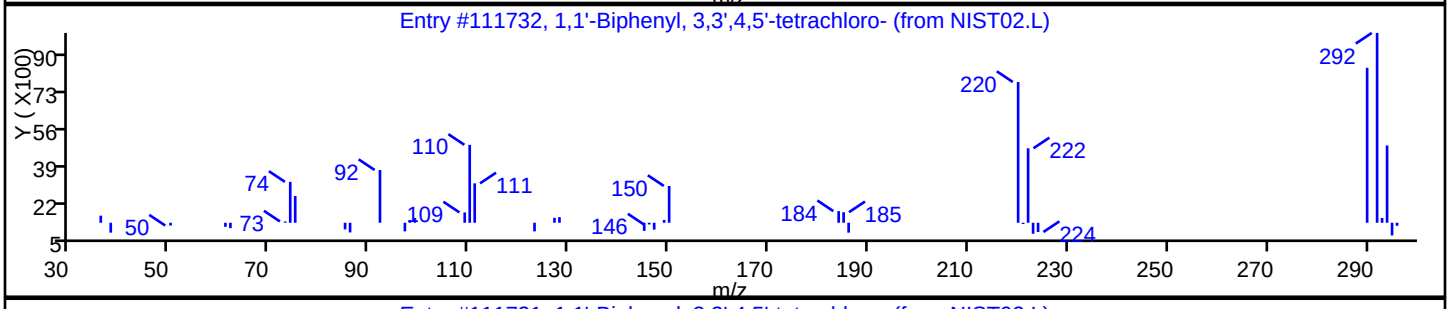
Column: Detector MS SCAN

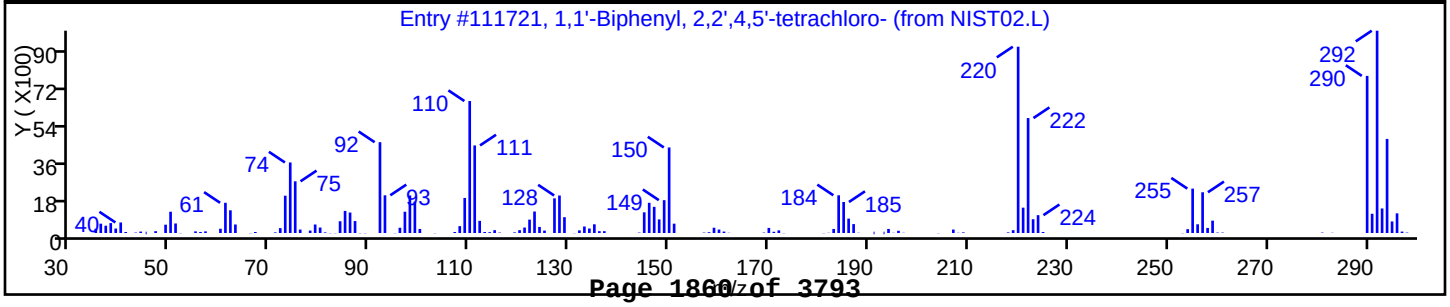
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	35693-99-3	NIST02.L	111725	C12H6Cl4	290	99
1,1'-Biphenyl, 3,3',4,5'-tetrachloro-	41464-48-6	NIST02.L	111732	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	41464-40-8	NIST02.L	111721	C12H6Cl4	290	98











Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D

Injection Date: 12-Mar-2014 03:09:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-2-A Lab Sample ID: 460-72174-2

Client ID: PMP-23SW-VS

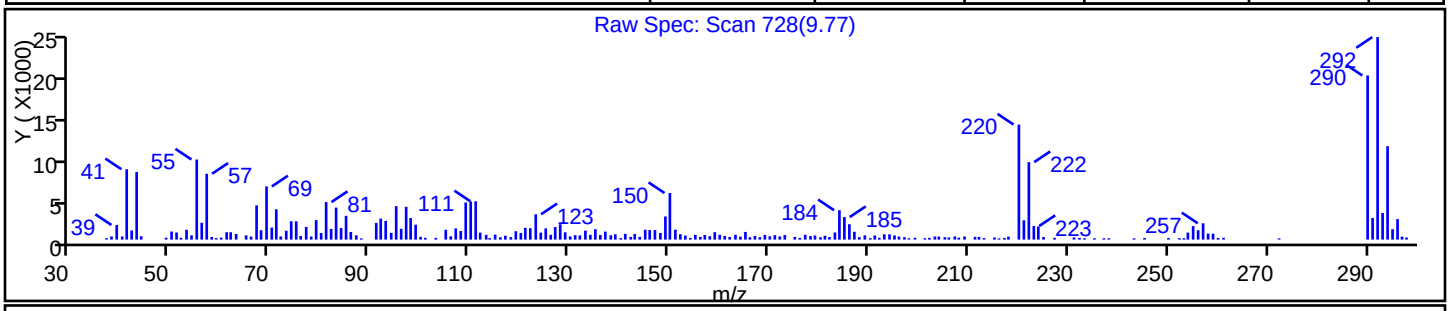
Operator ID: ALS Bottle#: 31 Worklist Smp#: 31

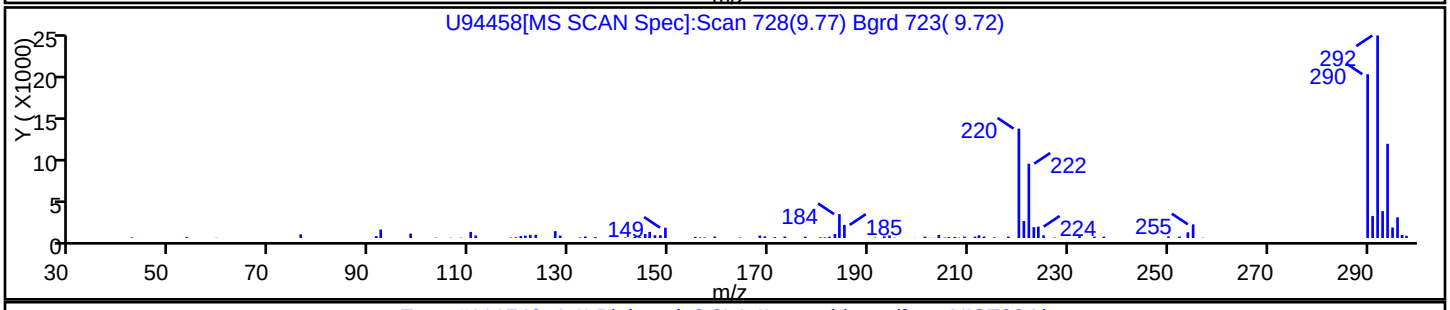
Injection Vol: 1.0 ul Dil. Factor: 2.0000

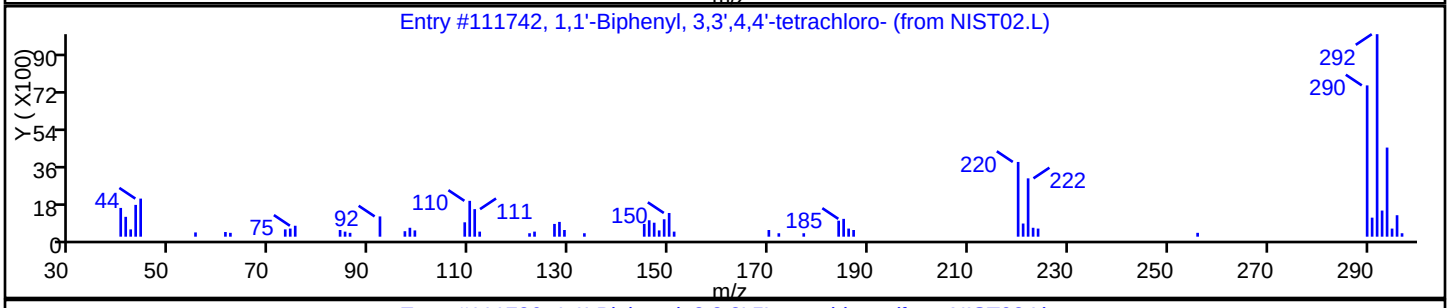
Method: 8270_4R Limit Group: SV 8270 ICAL

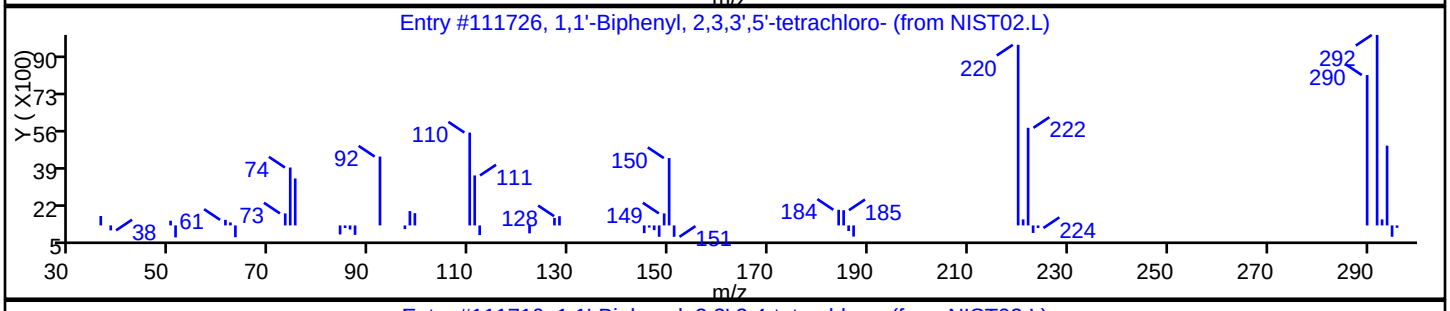
Column: Detector MS SCAN

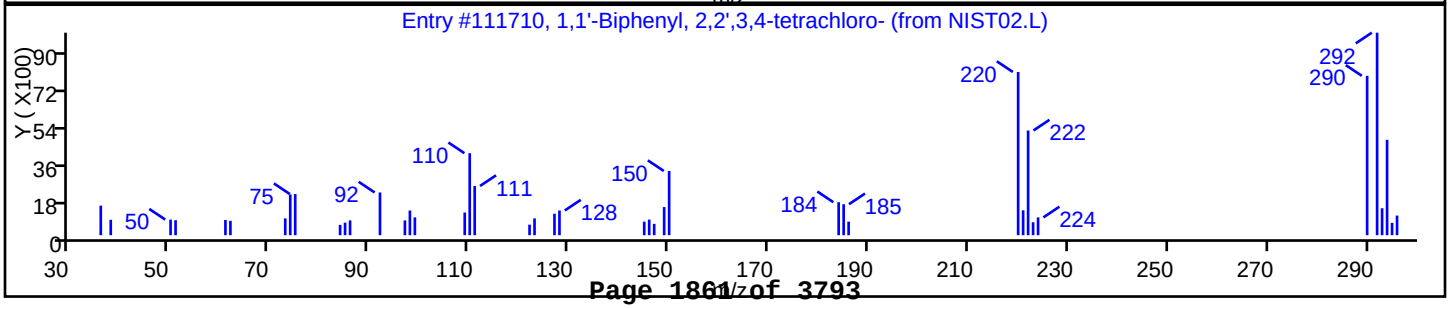
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3,3',5'-tetrachloro-	41464-49-7	NIST02.L	111726	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',3,4-tetrachloro-	52663-59-9	NIST02.L	111710	C12H6Cl4	290	99











Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D

Injection Date: 12-Mar-2014 03:09:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-2-A Lab Sample ID: 460-72174-2

Client ID: PMP-23SW-VS

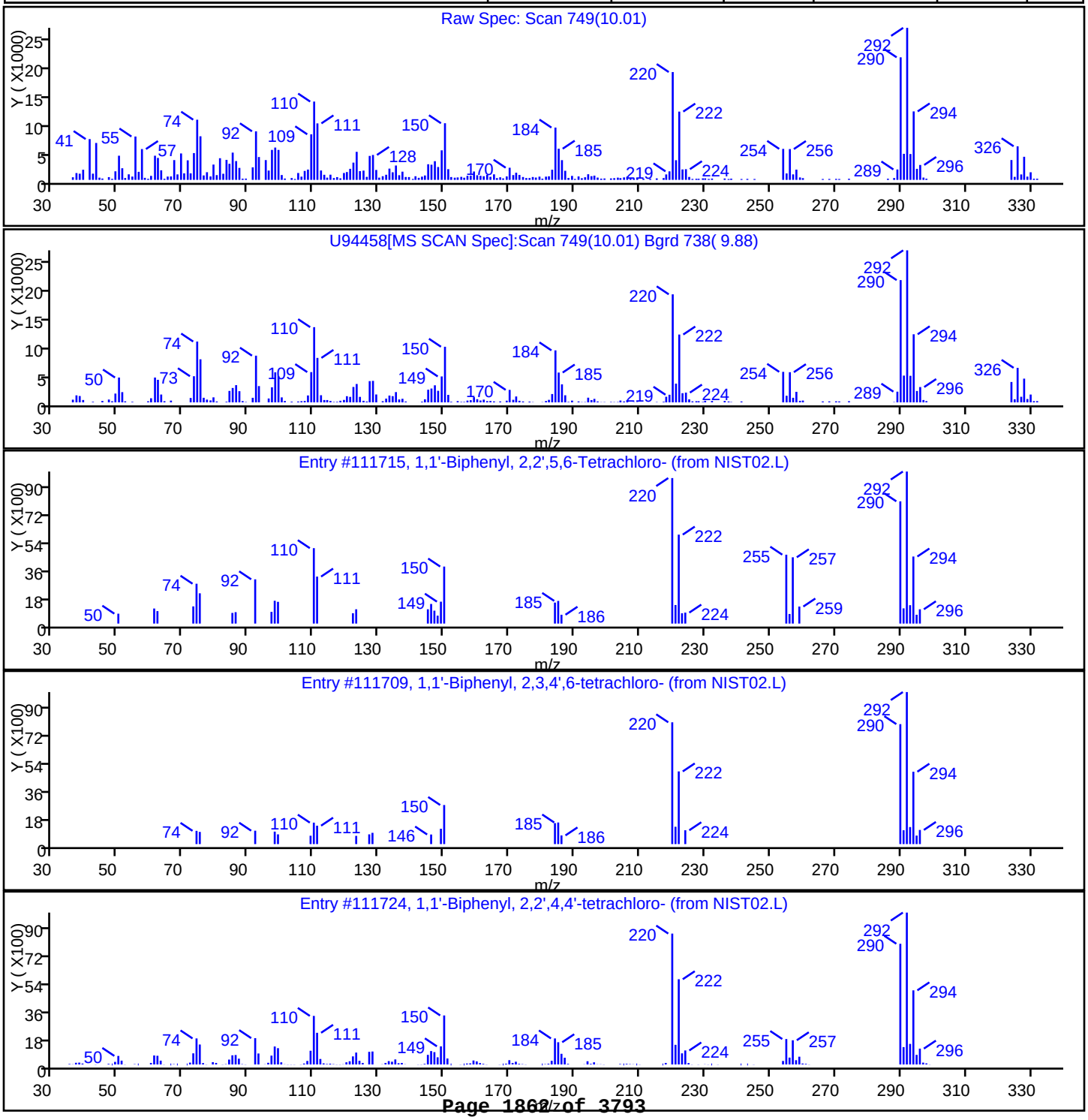
Operator ID: ALS Bottle#: 31 Worklist Smp#: 31

Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	41464-41-9	NIST02.L	111715	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	2437-79-8	NIST02.L	111724	C12H6Cl4	290	98



Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D

Injection Date: 12-Mar-2014 03:09:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-2-A Lab Sample ID: 460-72174-2

Client ID: PMP-23SW-VS

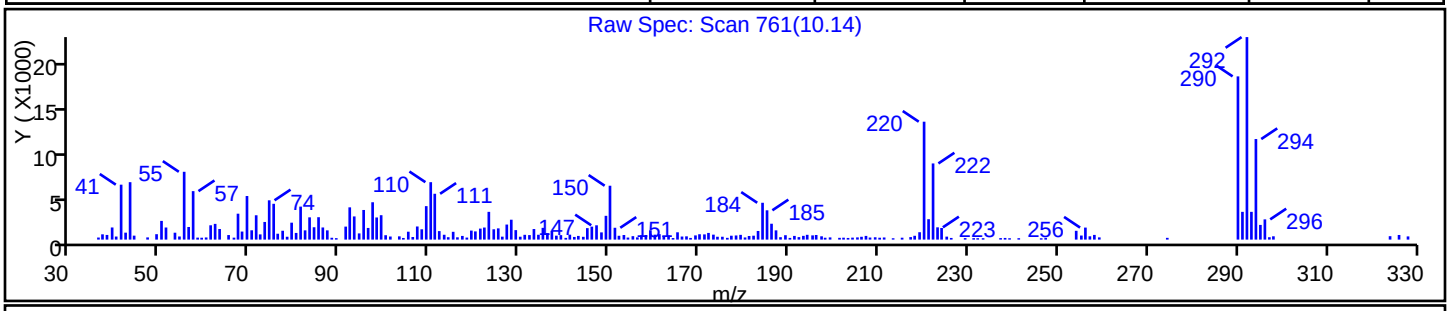
Operator ID: ALS Bottle#: 31 Worklist Smp#: 31

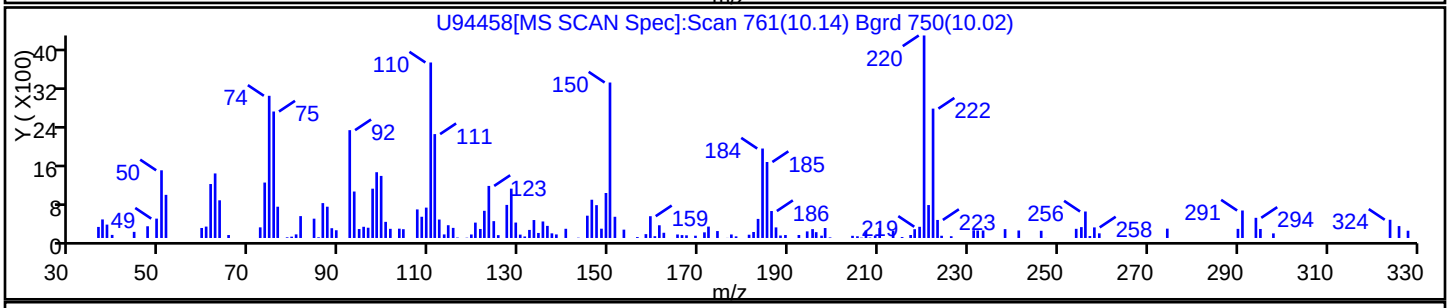
Injection Vol: 1.0 ul Dil. Factor: 2.0000

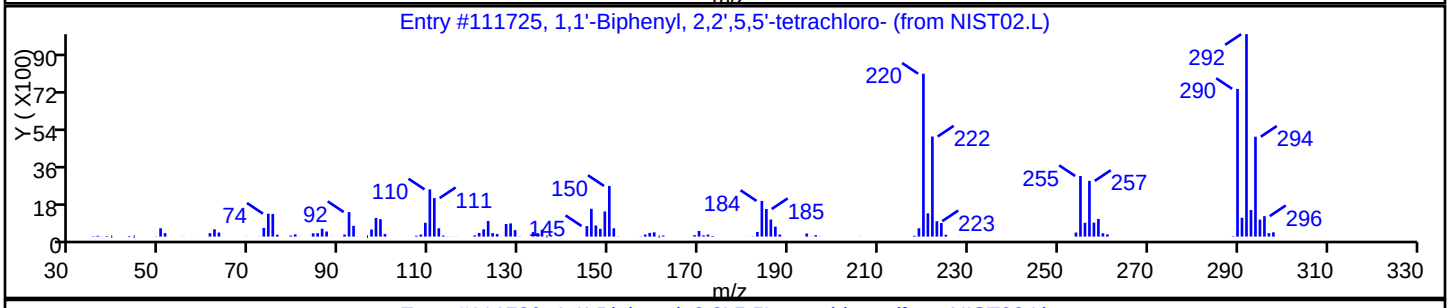
Method: 8270_4R Limit Group: SV 8270 ICAL

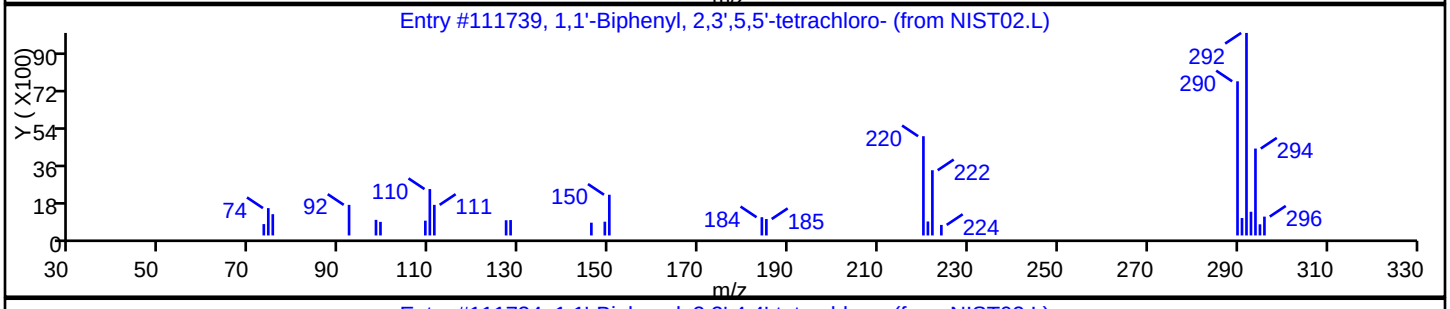
Column: Detector MS SCAN

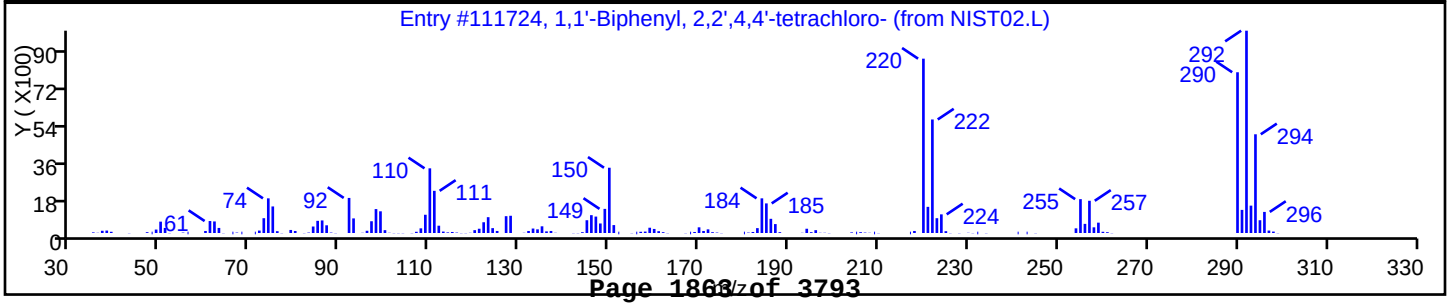
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	35693-99-3	NIST02.L	111725	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.L	111739	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	2437-79-8	NIST02.L	111724	C12H6Cl4	290	99











Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D

Injection Date: 12-Mar-2014 03:09:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-2-A Lab Sample ID: 460-72174-2

Client ID: PMP-23SW-VS

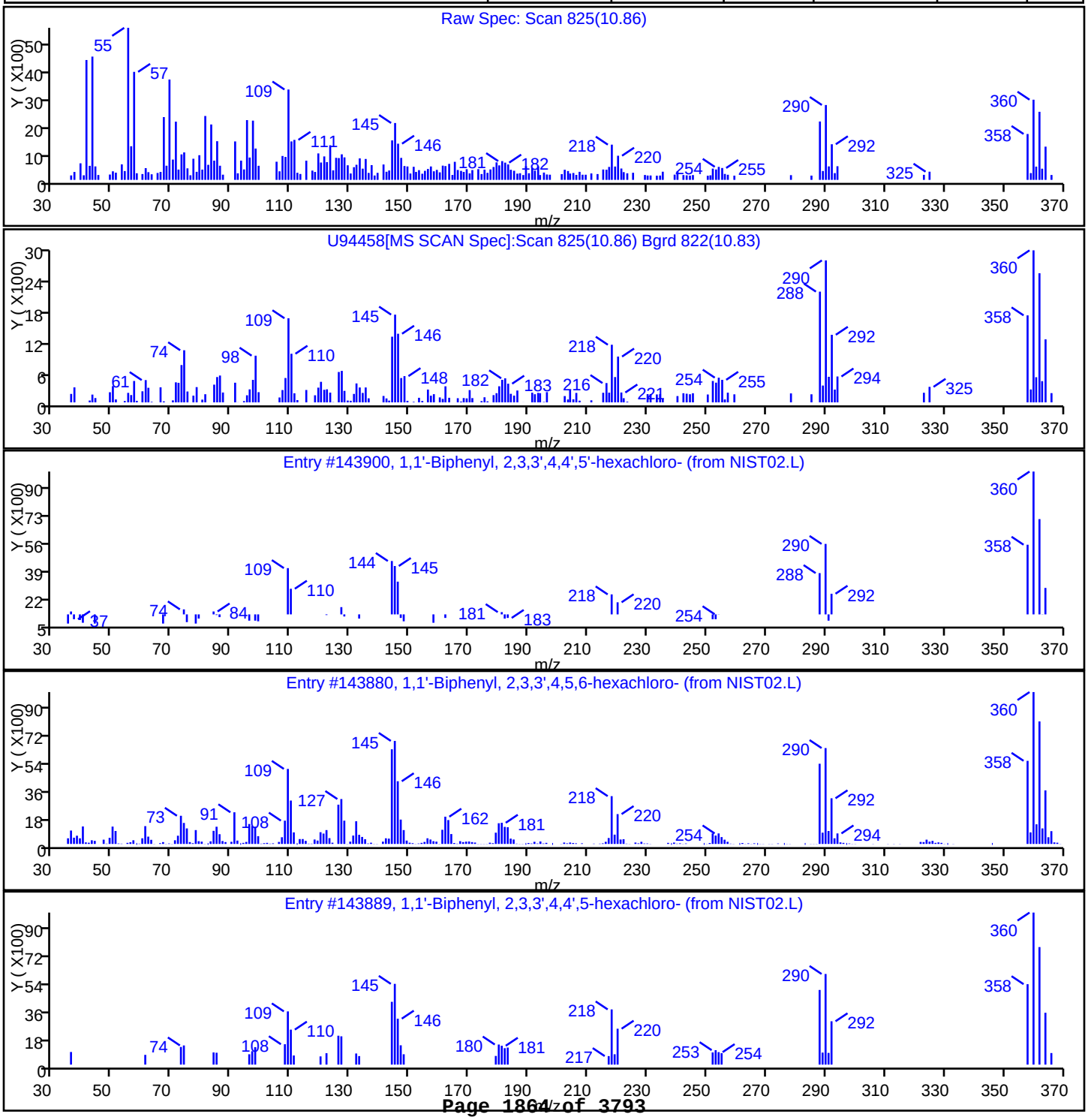
Operator ID: ALS Bottle#: 31 Worklist Smp#: 31

Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,3',4,4',5'-hexachloro	69782-90-7	NIST02.L	143900	C12H4Cl6	358	99
1,1'-Biphenyl, 2,3,3',4,5,6-hexachloro-	41411-62-5	NIST02.L	143880	C12H4Cl6	358	98
1,1'-Biphenyl, 2,3,3',4,4',5-hexachloro-	38380-08-4	NIST02.L	143889	C12H4Cl6	358	97



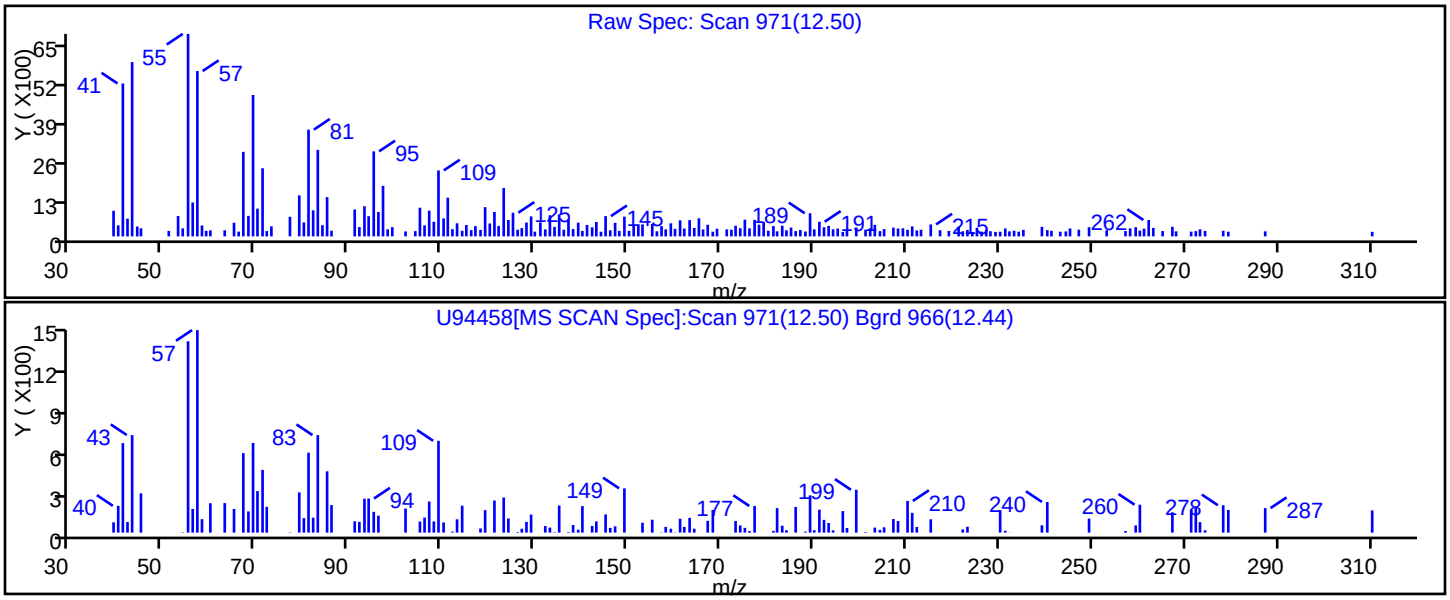
Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D

Injection Date:	12-Mar-2014 03:09:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-2-A	Lab Sample ID:	460-72174-2		
Client ID:	PMP-23SW-VS				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

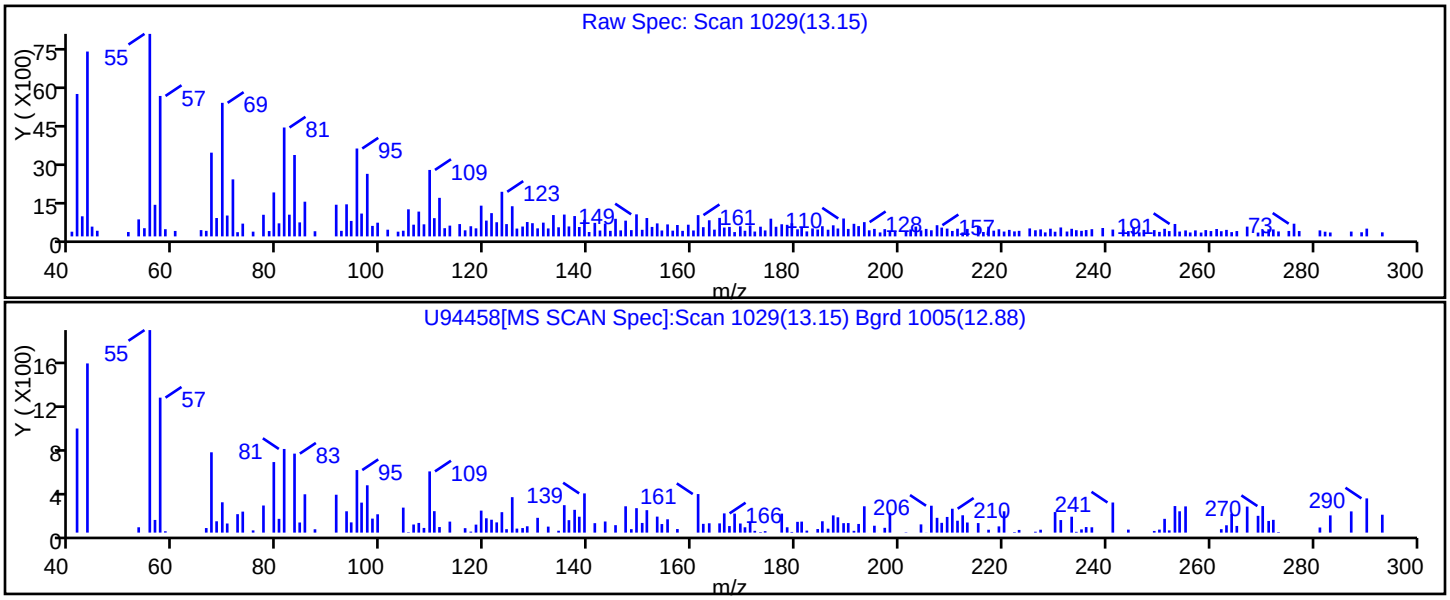
No Library Matches Found above the Threshold: 80



Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D				
Injection Date:	12-Mar-2014 03:09:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-2-A	Lab Sample ID:	460-72174-2		
Client ID:	PMP-23SW-VS				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Number of Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D

Injection Date: 12-Mar-2014 03:09:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-2-A Lab Sample ID: 460-72174-2

Client ID: PMP-23SW-VS

Operator ID: ALS Bottle#: 31 Worklist Smp#: 31

Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
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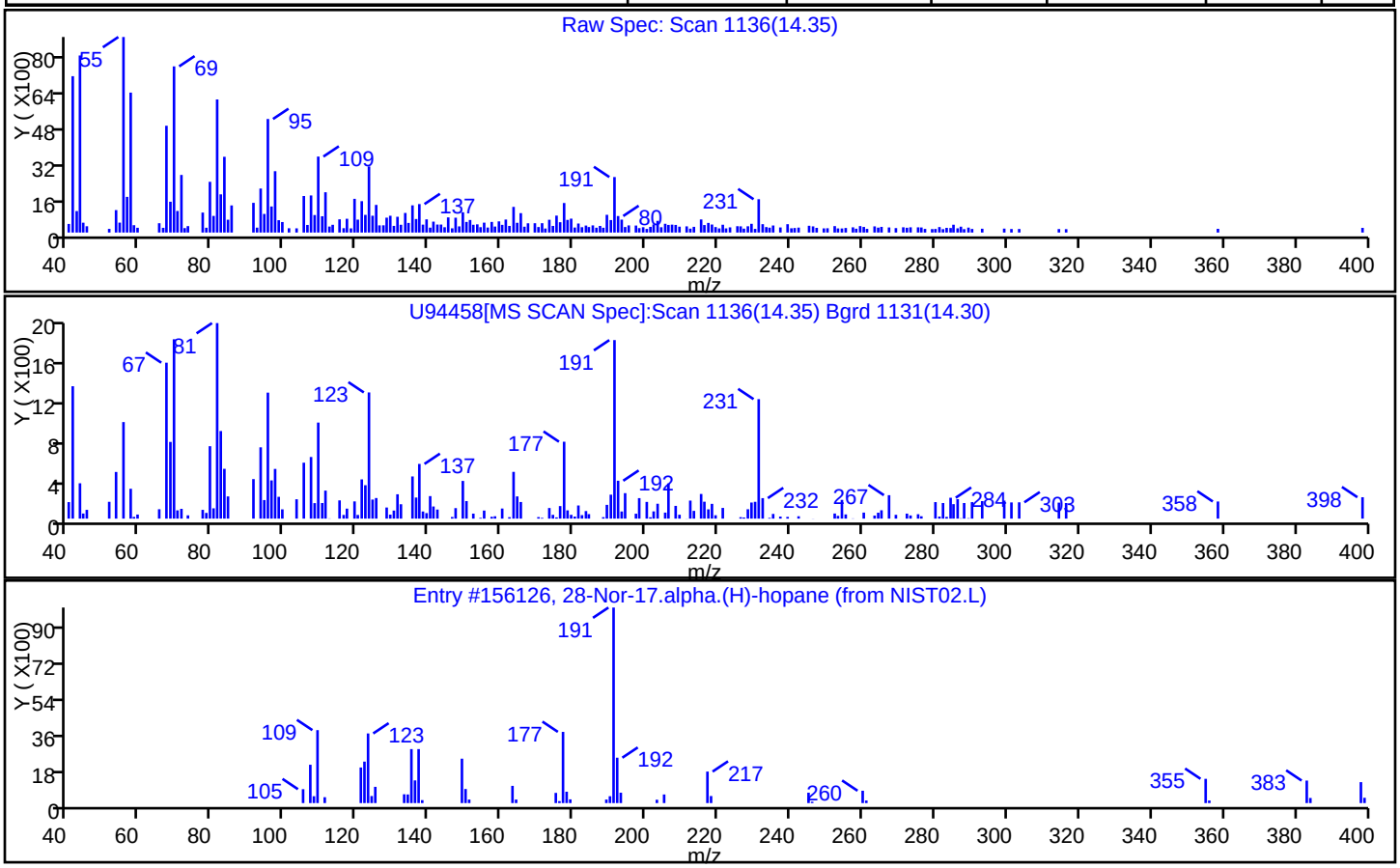


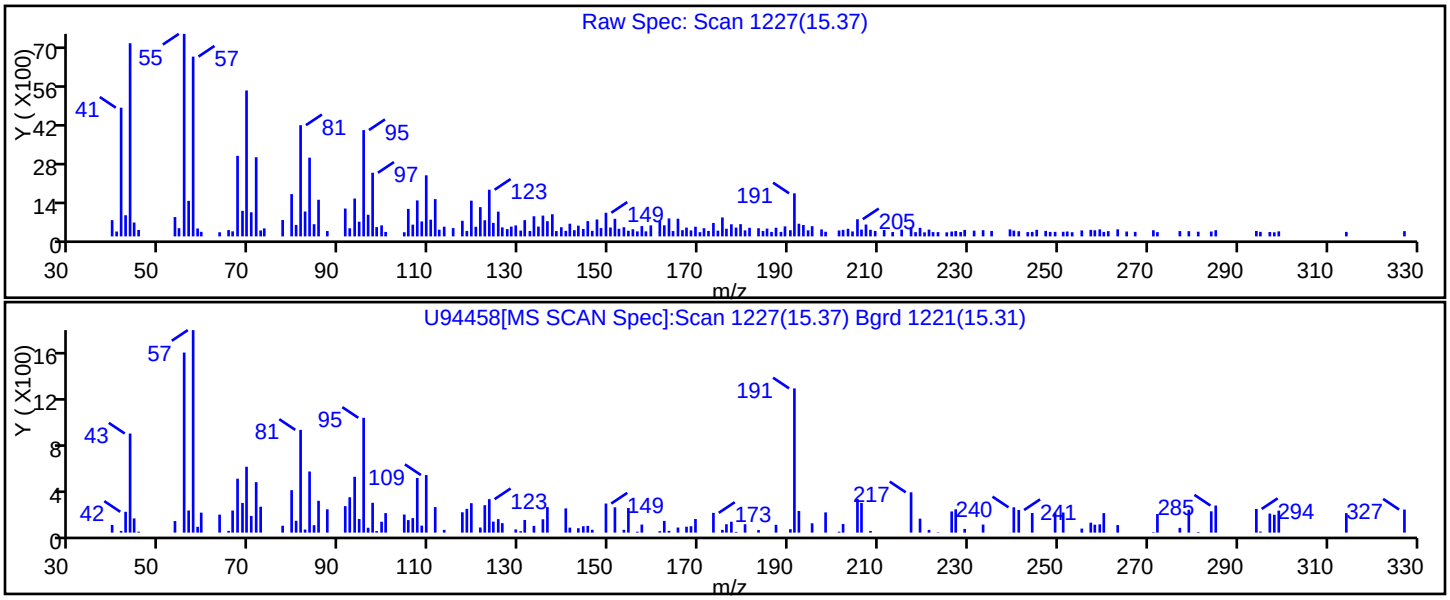
Report Date: 13-Mar-2014 09:18:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94458.D

Injection Date:	12-Mar-2014 03:09:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-2-A	Lab Sample ID:	460-72174-2		
Client ID:	PMP-23SW-VS				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-VD | Lab Sample ID: 460-72174-3

Matrix: Solid | Lab File ID: U94410.D

Analysis Method: 8270C | Date Collected: 03/06/2014 09:40

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.01(g) | Date Analyzed: 03/11/2014 06:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	60	U	350	60
106-44-5	4-Methylphenol	69	U	350	69
100-52-7	Benzaldehyde	42	U	350	42
98-86-2	Acetophenone	54	U	350	54
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.9	U	35	5.9
98-95-3	Nitrobenzene	5.0	U *	35	5.0
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	43	U	350	43
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	87	U	350	87
120-83-2	2,4-Dichlorophenol	52	U	350	52
111-91-1	Bis(2-chloroethoxy)methane	46	U	350	46
91-20-3	Naphthalene	41	U	350	41
106-47-8	4-Chloroaniline	93	U	350	93
87-68-3	Hexachlorobutadiene	8.6	U	72	8.6
105-60-2	Caprolactam	81	U	350	81
59-50-7	4-Chloro-3-methylphenol	53	U	350	53
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	42	U	350	42
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	46	U	350	46
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	150	U	720	150
606-20-2	2,6-Dinitrotoluene	11	U	72	11
131-11-3	Dimethyl phthalate	42	U	350	42
208-96-8	Acenaphthylene	42	U	350	42
99-09-2	3-Nitroaniline	120	U	720	120
83-32-9	Acenaphthene	51	U	350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-VD | Lab Sample ID: 460-72174-3

Matrix: Solid | Lab File ID: U94410.D

Analysis Method: 8270C | Date Collected: 03/06/2014 09:40

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.01(g) | Date Analyzed: 03/11/2014 06:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	42	U	350	42
86-73-7	Fluorene	45	U	350	45
206-44-0	Fluoranthene	47	U	350	47
84-74-2	Di-n-butyl phthalate	44	U	350	44
121-14-2	2,4-Dinitrotoluene	12	U	72	12
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	720	110
534-52-1	4,6-Dinitro-2-methylphenol	96	U	1100	96
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	55	U	350	55
120-12-7	Anthracene	43	U	350	43
86-74-8	Carbazole	42	U	350	42
85-01-8	Phenanthrene	45	U	350	45
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	30	U	350	30
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.7	U	35	2.7
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.5	U	35	2.5
86-30-6	N-Nitrosodiphenylamine	35	U	350	35
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	23	U	350	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.6	U	35	6.6
53-70-3	Dibenz(a,h)anthracene	4.5	U	35	4.5
91-94-1	3,3'-Dichlorobenzidine	120	U	720	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	350	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-VD | Lab Sample ID: 460-72174-3

Matrix: Solid | Lab File ID: U94410.D

Analysis Method: 8270C | Date Collected: 03/06/2014 09:40

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.01(g) | Date Analyzed: 03/11/2014 06:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	77		40-106
4165-62-2	Phenol-d5	98		44-104
1718-51-0	Terphenyl-d14	113		41-145
118-79-6	2,4,6-Tribromophenol	110		19-114
367-12-4	2-Fluorophenol	84		39-103
321-60-8	2-Fluorobiphenyl	85		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-VD Lab Sample ID: 460-72174-3

Matrix: Solid Lab File ID: U94410.D

Analysis Method: 8270C Date Collected: 03/06/2014 09:40

Extract. Method: 3541 Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.01(g) Date Analyzed: 03/11/2014 06:02

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Report Date: 12-Mar-2014 19:09:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94410.D
Lims ID: 460-72174-E-3-A Lab Sample ID: 460-72174-3
Client ID: PMP-23SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 06:02:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-007
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 12-Mar-2014 18:26:59 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: croccom Date: 12-Mar-2014 11:59:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.140	3.127	0.013	87	223556	41.9	
$ 6 Phenol-d5	99	4.059	4.071	-0.012	73	316317	49.1	
* 13 1,4-Dichlorobenzene-d4	152	4.420	4.430	-0.010	98	121860	40.0	
$ 25 Nitrobenzene-d5	82	4.969	4.990	-0.021	92	255205	38.6	
* 35 Naphthalene-d8	136	5.692	5.701	-0.009	100	537091	40.0	
$ 48 2-Fluorobiphenyl	172	6.775	6.785	-0.010	98	422153	42.6	
* 61 Acenaphthene-d10	164	7.439	7.451	-0.012	92	290131	40.0	
$ 76 2,4,6-Tribromophenol	330	8.220	8.230	-0.010	88	61514	55.2	
* 83 Phenanthrene-d10	188	8.904	8.917	-0.013	99	436352	40.0	
$ 91 Terphenyl-d14	244	10.482	10.483	-0.001	99	316682	56.6	
* 96 Chrysene-d12	240	11.678	11.690	-0.012	98	241082	40.0	
* 103 Perylene-d12	264	13.600	13.619	-0.019	97	194409	40.0	

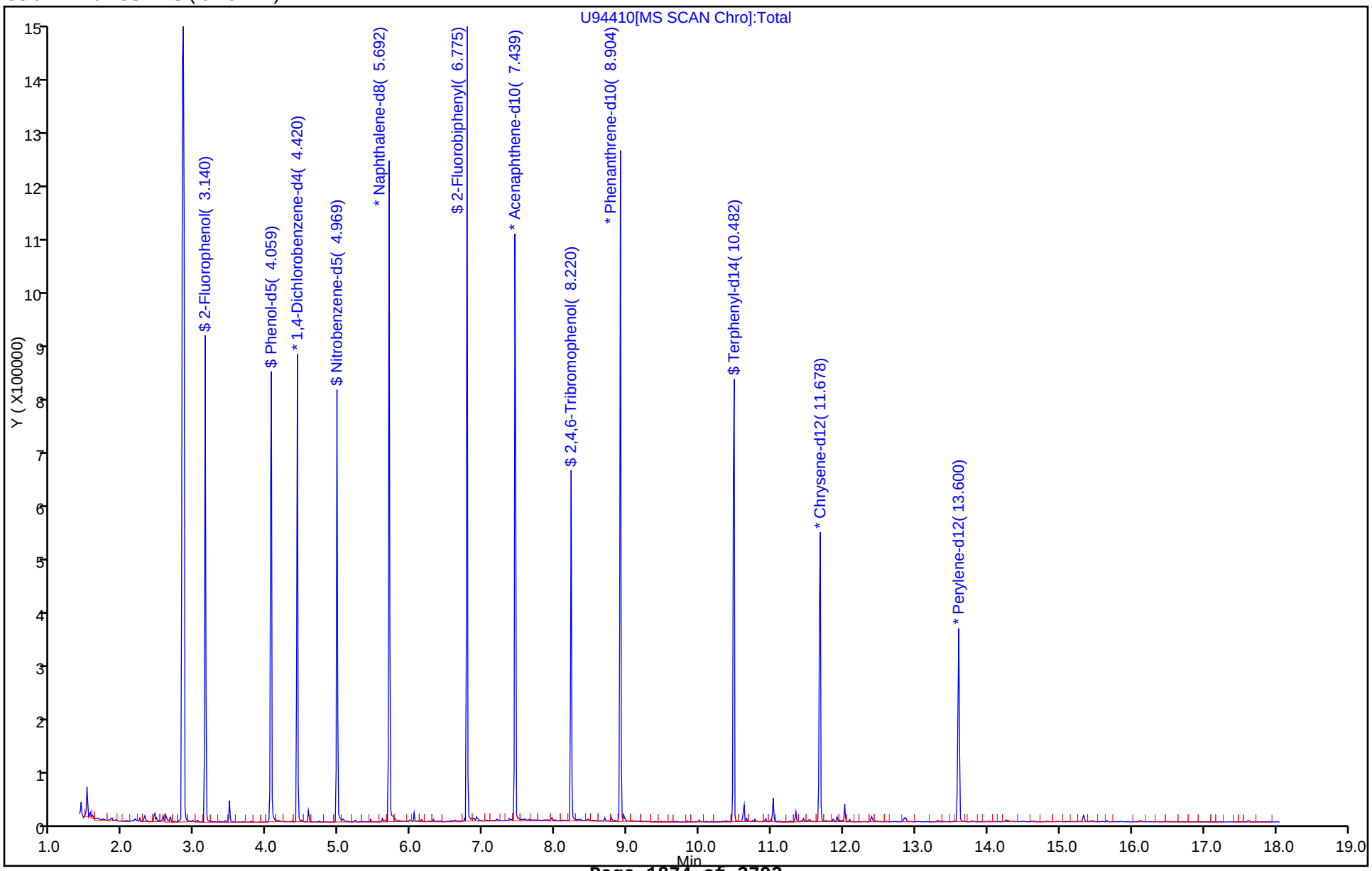
Report Date: 12-Mar-2014 19:09:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94410.D

Injection Date:	11-Mar-2014 06:02:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-72174-E-3-A	Lab Sample ID:	460-72174-3	Worklist Smp#:	7
Client ID:	PMP-23SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_4R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-WT | Lab Sample ID: 460-72174-4

Matrix: Solid | Lab File ID: U94411.D

Analysis Method: 8270C | Date Collected: 03/06/2014 09:45

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 06:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	49	U	360	49
95-57-8	2-Chlorophenol	48	U	360	48
95-48-7	2-Methylphenol	62	U	360	62
106-44-5	4-Methylphenol	71	U	360	71
100-52-7	Benzaldehyde	43	U	360	43
98-86-2	Acetophenone	56	U	360	56
111-44-4	Bis(2-chloroethyl)ether	4.9	U	36	4.9
108-60-1	2,2'-oxybis[1-chloropropane]	40	U	360	40
621-64-7	N-Nitrosodi-n-propylamine	6.1	U	36	6.1
98-95-3	Nitrobenzene	5.2	U *	36	5.2
67-72-1	Hexachloroethane	4.0	U	36	4.0
78-59-1	Isophorone	44	U	360	44
88-75-5	2-Nitrophenol	40	U	360	40
105-67-9	2,4-Dimethylphenol	89	U	360	89
120-83-2	2,4-Dichlorophenol	53	U	360	53
111-91-1	Bis(2-chloroethoxy)methane	47	U	360	47
91-20-3	Naphthalene	42	U	360	42
106-47-8	4-Chloroaniline	96	U	360	96
87-68-3	Hexachlorobutadiene	8.8	U	73	8.8
105-60-2	Caprolactam	84	U	360	84
59-50-7	4-Chloro-3-methylphenol	55	U	360	55
91-57-6	2-Methylnaphthalene	47	U	360	47
118-74-1	Hexachlorobenzene	5.0	U	36	5.0
77-47-4	Hexachlorocyclopentadiene	43	U	360	43
88-06-2	2,4,6-Trichlorophenol	42	U	360	42
95-95-4	2,4,5-Trichlorophenol	47	U	360	47
92-52-4	Diphenyl	49	U	360	49
91-58-7	2-Chloronaphthalene	40	U	360	40
88-74-4	2-Nitroaniline	150	U	730	150
606-20-2	2,6-Dinitrotoluene	11	U	73	11
131-11-3	Dimethyl phthalate	43	U	360	43
208-96-8	Acenaphthylene	43	U	360	43
99-09-2	3-Nitroaniline	130	U	730	130
83-32-9	Acenaphthene	53	U	360	53

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-WT | Lab Sample ID: 460-72174-4

Matrix: Solid | Lab File ID: U94411.D

Analysis Method: 8270C | Date Collected: 03/06/2014 09:45

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 06:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	43	U	360	43
84-66-2	Diethyl phthalate	43	U	360	43
86-73-7	Fluorene	46	U	360	46
206-44-0	Fluoranthene	48	U	360	48
84-74-2	Di-n-butyl phthalate	45	U	360	45
121-14-2	2,4-Dinitrotoluene	12	U	73	12
7005-72-3	4-Chlorophenyl phenyl ether	43	U	360	43
100-01-6	4-Nitroaniline	110	U	730	110
534-52-1	4,6-Dinitro-2-methylphenol	99	U	1100	99
101-55-3	4-Bromophenyl phenyl ether	36	U	360	36
1912-24-9	Atrazine	56	U	360	56
120-12-7	Anthracene	44	U	360	44
86-74-8	Carbazole	43	U	360	43
85-01-8	Phenanthrene	46	U	360	46
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	30	U	360	30
218-01-9	Chrysene	42	U	360	42
207-08-9	Benzo[k]fluoranthene	2.8	U	36	2.8
191-24-2	Benzo[g,h,i]perylene	27	U	360	27
205-99-2	Benzo[b]fluoranthene	2.3	U	36	2.3
50-32-8	Benzo[a]pyrene	2.6	U	36	2.6
56-55-3	Benzo[a]anthracene	2.5	U	36	2.5
86-30-6	N-Nitrosodiphenylamine	36	U	360	36
85-68-7	Butyl benzyl phthalate	33	U	360	33
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	360	120
117-84-0	Di-n-octyl phthalate	23	U	360	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.7	U	36	6.7
53-70-3	Dibenz(a,h)anthracene	4.6	U	36	4.6
91-94-1	3,3'-Dichlorobenzidine	130	U	730	130
95-94-3	1,2,4,5-Tetrachlorobenzene	49	U	360	49
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	360	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-WT Lab Sample ID: 460-72174-4

Matrix: Solid Lab File ID: U94411.D

Analysis Method: 8270C Date Collected: 03/06/2014 09:45

Extract. Method: 3541 Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.03(g) Date Analyzed: 03/11/2014 06:24

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 9.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	78		40-106
4165-62-2	Phenol-d5	96		44-104
1718-51-0	Terphenyl-d14	109		41-145
118-79-6	2,4,6-Tribromophenol	106		19-114
367-12-4	2-Fluorophenol	81		39-103
321-60-8	2-Fluorobiphenyl	75		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-WT | Lab Sample ID: 460-72174-4

Matrix: Solid | Lab File ID: U94411.D

Analysis Method: 8270C | Date Collected: 03/06/2014 09:45

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 06:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

Number TICs Found: 2 | TIC Result Total: 910

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1000280-07-3	Pentafluoropropionic acid, tridecyl este	11.51	310	J N
	Unknown	12.40	600	J

Report Date: 12-Mar-2014 19:09:43 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94411.D
Lims ID: 460-72174-E-4-A Lab Sample ID: 460-72174-4
Client ID: PMP-23SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 06:24:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-008
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 12-Mar-2014 18:26:59 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: croccom Date: 12-Mar-2014 12:00:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.141	3.127	0.014	87	199223	40.4	
5 Benzaldehyde	77	3.980	3.977	0.003	44	502	0.1068	
$ 6 Phenol-d5	99	4.061	4.071	-0.010	72	284330	47.8	
* 13 1,4-Dichlorobenzene-d4	152	4.422	4.430	-0.008	98	112565	40.0	
$ 25 Nitrobenzene-d5	82	4.971	4.990	-0.019	92	234086	38.8	
* 35 Naphthalene-d8	136	5.691	5.701	-0.010	100	489777	40.0	
$ 48 2-Fluorobiphenyl	172	6.773	6.785	-0.012	97	348409	37.4	
* 61 Acenaphthene-d10	164	7.446	7.451	-0.005	92	272696	40.0	
$ 76 2,4,6-Tribromophenol	330	8.217	8.230	-0.013	81	55649	53.1	
* 83 Phenanthrene-d10	188	8.903	8.917	-0.014	99	391962	40.0	
$ 91 Terphenyl-d14	244	10.473	10.483	-0.010	96	275967	54.3	
* 96 Chrysene-d12	240	11.671	11.690	-0.019	95	218880	40.0	
* 103 Perylene-d12	264	13.603	13.619	-0.016	98	176985	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94411.D				
Lims ID:	460-72174-E-4-A	Lab Sample ID:	460-72174-4		
Client ID:	PMP-23SW-WT				
Sample Type:	Client				
Inject. Date:	11-Mar-2014 06:24:30	ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0010686-008				
Operator ID:		Instrument ID:	CBNAMS4		
Method:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m				
Limit Group:	SV 8270 ICAL				
Last Update:	12-Mar-2014 18:26:59	Calib Date:	27-Feb-2014 14:00:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK013				
First Level Reviewer: croccom		Date:	12-Mar-2014 12:00:53		

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
1000280-07-3 Pentafluoropropionic acid, tridecyl este								
11.508	70084	4.31	96	90	139443	C16H27F5O2	346	
Unknown								
12.404	132819	8.17	96	0	0		0	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 96 Chrysene-d12	11.671	650553	40.0

QC Flag Legend

Processing Flags

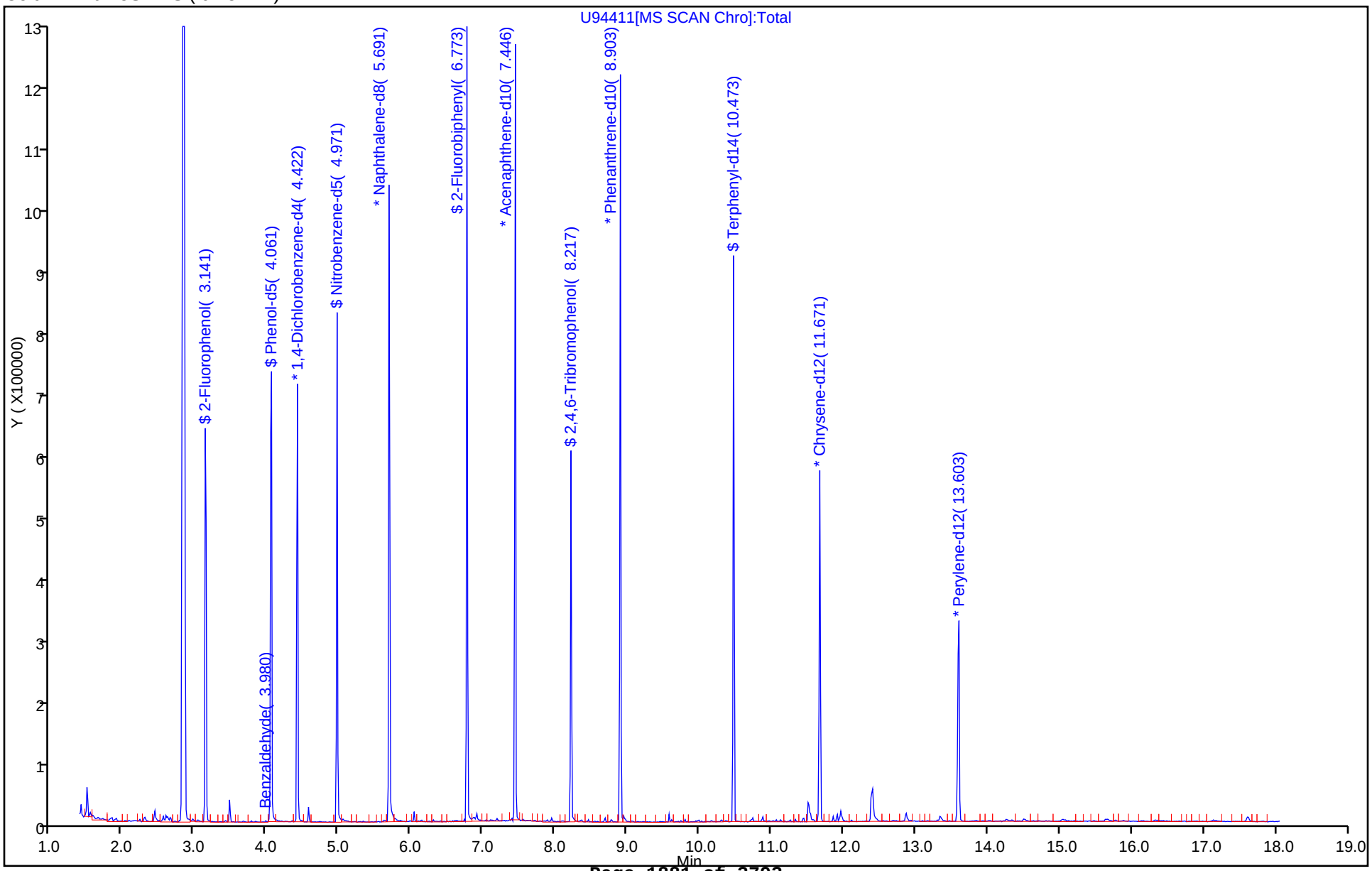
Report Date: 12-Mar-2014 19:09:43 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94411.D

Injection Date:	11-Mar-2014 06:24:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-72174-E-4-A	Lab Sample ID:	460-72174-4	Worklist Smp#:	8
Client ID:	PMP-23SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_4R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 12-Mar-2014 19:09:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94411.D

Injection Date: 11-Mar-2014 06:24:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-4-A Lab Sample ID: 460-72174-4

Client ID: PMP-23SW-WT

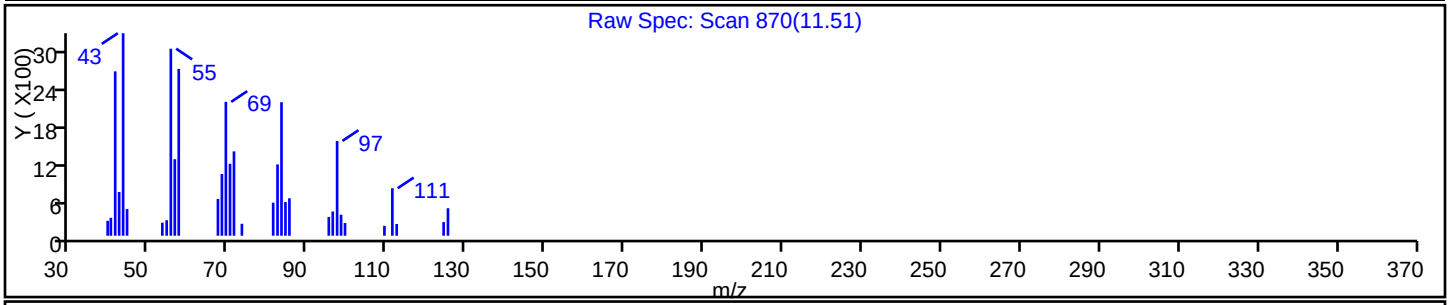
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8

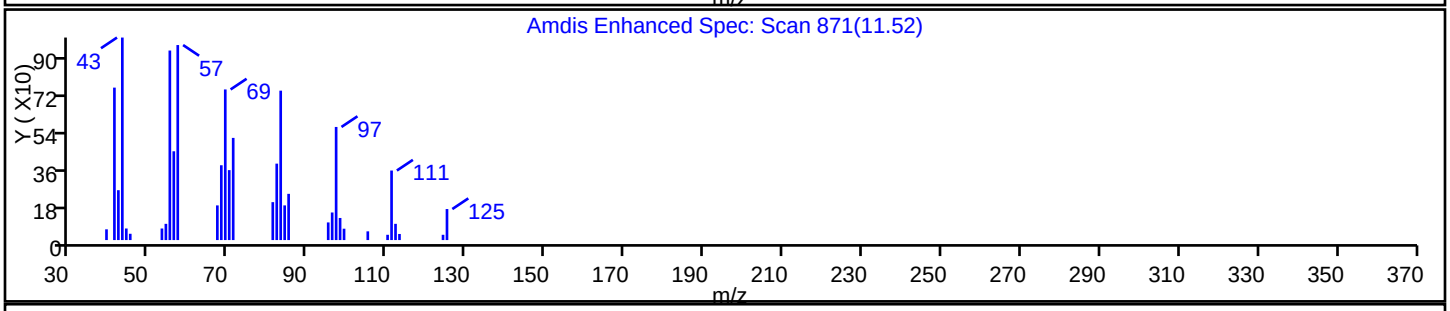
Injection Vol: 1.0 ul Dil. Factor: 1.0000

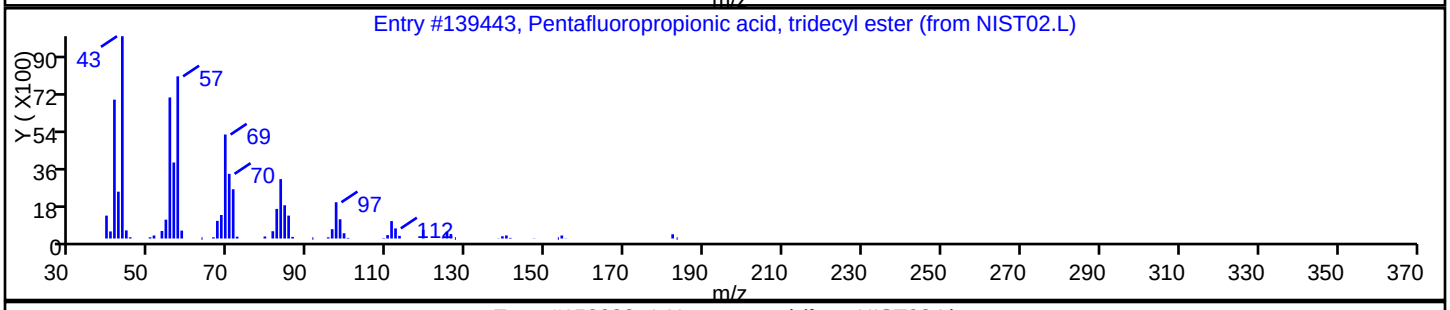
Method: 8270_4R Limit Group: SV 8270 ICAL

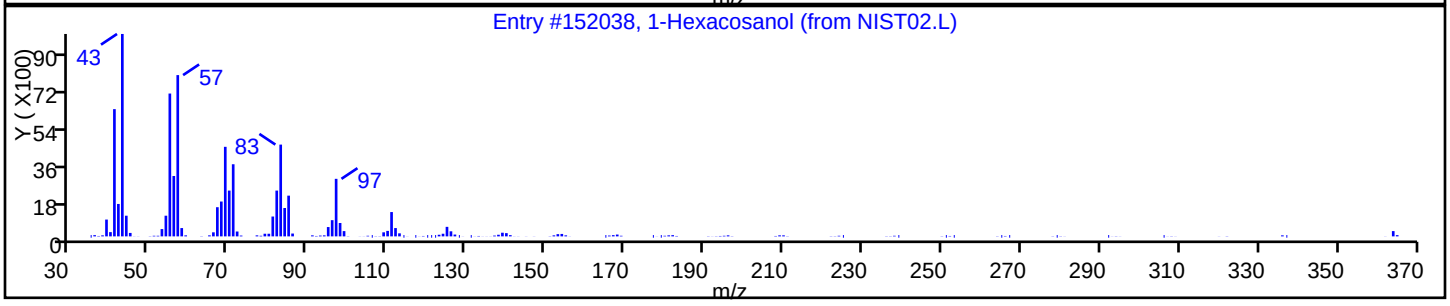
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentafluoropropionic acid, tridecyl este	1000280-07-	NIST02.L	139443	C16H27F5O	346	90
1-Hexacosanol	506-52-5	NIST02.L	152038	C26H54O	382	83









Report Date: 12-Mar-2014 19:09:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94411.D

Injection Date: 11-Mar-2014 06:24:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-4-A Lab Sample ID: 460-72174-4

Client ID: PMP-23SW-WT

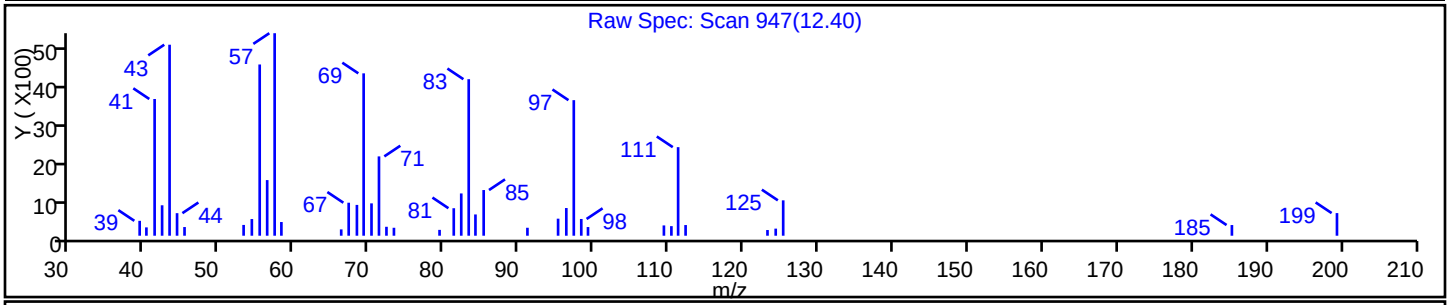
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8

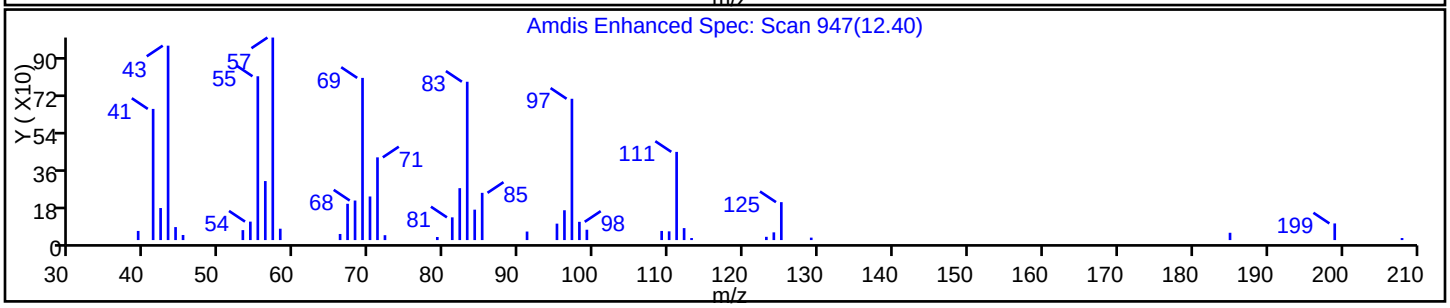
Injection Vol: 1.0 ul Dil. Factor: 1.0000

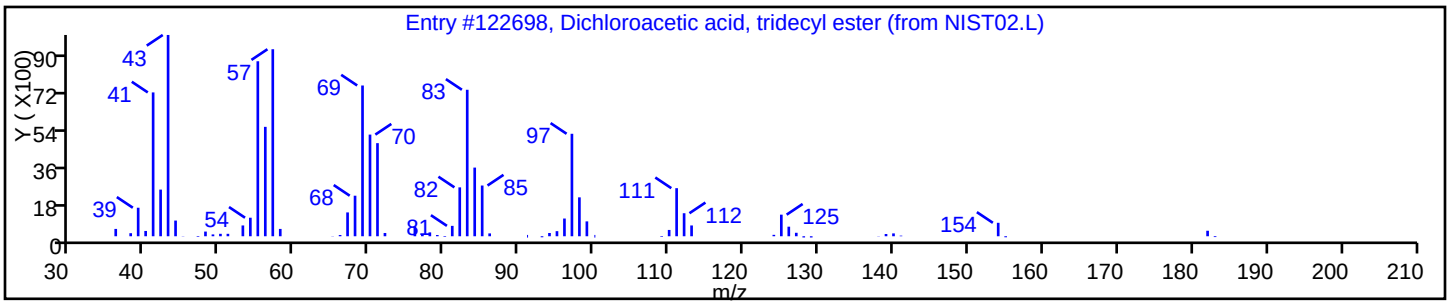
Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown		NIST02.L	0		0	0
Dichloroacetic acid, tridecyl ester	1000280-48·	NIST02.L	122698	C15H28Cl2(	310	80







FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-8SW-VS | Lab Sample ID: 460-72174-5

Matrix: Solid | Lab File ID: U94457.D

Analysis Method: 8270C | Date Collected: 03/06/2014 10:00

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) | Date Analyzed: 03/12/2014 02:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211922 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	94	U	700	94
95-57-8	2-Chlorophenol	92	U	700	92
95-48-7	2-Methylphenol	120	U	700	120
106-44-5	4-Methylphenol	140	U	700	140
100-52-7	Benzaldehyde	82	U	700	82
98-86-2	Acetophenone	110	U	700	110
111-44-4	Bis(2-chloroethyl)ether	9.5	U	70	9.5
108-60-1	2,2'-oxybis[1-chloropropane]	77	U	700	77
621-64-7	N-Nitrosodi-n-propylamine	12	U	70	12
98-95-3	Nitrobenzene	9.9	U *	70	9.9
67-72-1	Hexachloroethane	7.8	U	70	7.8
78-59-1	Isophorone	84	U	700	84
88-75-5	2-Nitrophenol	78	U	700	78
105-67-9	2,4-Dimethylphenol	170	U	700	170
120-83-2	2,4-Dichlorophenol	100	U	700	100
111-91-1	Bis(2-chloroethoxy)methane	90	U	700	90
91-20-3	Naphthalene	81	U	700	81
106-47-8	4-Chloroaniline	180	U	700	180
87-68-3	Hexachlorobutadiene	17	U	140	17
105-60-2	Caprolactam	160	U	700	160
59-50-7	4-Chloro-3-methylphenol	110	U	700	110
91-57-6	2-Methylnaphthalene	90	U	700	90
118-74-1	Hexachlorobenzene	9.5	U	70	9.5
77-47-4	Hexachlorocyclopentadiene	82	U	700	82
88-06-2	2,4,6-Trichlorophenol	82	U	700	82
95-95-4	2,4,5-Trichlorophenol	90	U	700	90
92-52-4	Diphenyl	93	U	700	93
91-58-7	2-Chloronaphthalene	78	U	700	78
88-74-4	2-Nitroaniline	290	U	1400	290
606-20-2	2,6-Dinitrotoluene	21	U	140	21
131-11-3	Dimethyl phthalate	83	U	700	83
208-96-8	Acenaphthylene	82	U	700	82
99-09-2	3-Nitroaniline	250	U	1400	250
83-32-9	Acenaphthene	100	U	700	100

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-8SW-VS | Lab Sample ID: 460-72174-5

Matrix: Solid | Lab File ID: U94457.D

Analysis Method: 8270C | Date Collected: 03/06/2014 10:00

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) | Date Analyzed: 03/12/2014 02:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211922 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	450	U	2100	450
51-28-5	2,4-Dinitrophenol	400	U	2100	400
132-64-9	Dibenzofuran	82	U	700	82
84-66-2	Diethyl phthalate	83	U	700	83
86-73-7	Fluorene	89	U	700	89
206-44-0	Fluoranthene	93	U	700	93
84-74-2	Di-n-butyl phthalate	86	U	700	86
121-14-2	2,4-Dinitrotoluene	23	U	140	23
7005-72-3	4-Chlorophenyl phenyl ether	82	U	700	82
100-01-6	4-Nitroaniline	220	U	1400	220
534-52-1	4,6-Dinitro-2-methylphenol	190	U	2100	190
101-55-3	4-Bromophenyl phenyl ether	69	U	700	69
1912-24-9	Atrazine	110	U	700	110
120-12-7	Anthracene	85	U	700	85
86-74-8	Carbazole	82	U	700	82
85-01-8	Phenanthrene	93	J	700	89
87-86-5	Pentachlorophenol	210	U	2100	210
129-00-0	Pyrene	58	U	700	58
218-01-9	Chrysene	81	U	700	81
207-08-9	Benzo[k]fluoranthene	5.3	U	70	5.3
191-24-2	Benzo[g,h,i]perylene	52	U	700	52
205-99-2	Benzo[b]fluoranthene	37	J	70	4.4
50-32-8	Benzo[a]pyrene	20	J	70	4.9
56-55-3	Benzo[a]anthracene	4.9	U	70	4.9
86-30-6	N-Nitrosodiphenylamine	69	U	700	69
85-68-7	Butyl benzyl phthalate	64	U	700	64
117-81-7	Bis(2-ethylhexyl) phthalate	230	U	700	230
117-84-0	Di-n-octyl phthalate	44	U	700	44
193-39-5	Indeno[1,2,3-cd]pyrene	13	U	70	13
53-70-3	Dibenz(a,h)anthracene	8.8	U	70	8.8
91-94-1	3,3'-Dichlorobenzidine	240	U	1400	240
95-94-3	1,2,4,5-Tetrachlorobenzene	94	U	700	94
58-90-2	2,3,4,6-Tetrachlorophenol	91	U	700	91

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-8SW-VS | Lab Sample ID: 460-72174-5

Matrix: Solid | Lab File ID: U94457.D

Analysis Method: 8270C | Date Collected: 03/06/2014 10:00

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) | Date Analyzed: 03/12/2014 02:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211922 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	85		40-106
4165-62-2	Phenol-d5	79		44-104
1718-51-0	Terphenyl-d14	72		41-145
118-79-6	2,4,6-Tribromophenol	81		19-114
367-12-4	2-Fluorophenol	75		39-103
321-60-8	2-Fluorobiphenyl	100		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-8SW-VS | Lab Sample ID: 460-72174-5

Matrix: Solid | Lab File ID: U94457.D

Analysis Method: 8270C | Date Collected: 03/06/2014 10:00

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) | Date Analyzed: 03/12/2014 02:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211922 | Units: ug/Kg

Number TICs Found: 19 | TIC Result Total: 24000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown alkane	6.86	620	J
	Unknown alkane	7.18	640	J
2245-38-7	Naphthalene, 1,6,7-trimethyl-	7.63	960	J N
	Unknown alkane	7.98	1000	J
	Unknown alkane	8.09	650	J
	Unknown alkane	8.35	2800	J
	Unknown alkane	8.77	1800	J
	Unknown alkane	9.19	1100	J
	Unknown alkane	10.71	1100	J
	Unknown	12.49	1100	J
	Unknown	12.81	850	J
	Unknown	13.77	780	J
	Unknown	14.21	1600	J
	Unknown	14.35	1800	J
	Unknown	15.38	1700	J
	Unknown	15.62	1800	J
	Unknown	16.74	1100	J
	Unknown	17.17	1300	J
	Unknown	17.41	1300	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D
Lims ID: 460-72174-E-5-A Lab Sample ID: 460-72174-5
Client ID: PMP-8SW-VS
Sample Type: Client
Inject. Date: 12-Mar-2014 02:46:30 ALS Bottle#: 30 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 2.0000
Sample Info: 460-0010721-030
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 09:17:06 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: ranav Date: 12-Mar-2014 11:00:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.126	3.108	0.018	90	101944	18.8	
$ 6 Phenol-d5	99	4.034	4.055	-0.021	71	129432	19.8	
* 13 1,4-Dichlorobenzene-d4	152	4.406	4.401	0.005	98	123664	40.0	
$ 25 Nitrobenzene-d5	82	4.953	4.974	-0.021	92	128005	21.3	
* 35 Naphthalene-d8	136	5.677	5.689	-0.012	100	488343	40.0	
41 2-Methylnaphthalene	142	6.389	6.404	-0.015	72	3418	0.4774	
$ 48 2-Fluorobiphenyl	172	6.752	6.776	-0.024	97	146256	24.9	
* 61 Acenaphthene-d10	164	7.422	7.432	-0.010	93	172050	40.0	
70 Fluorene	166	7.960	7.981	-0.021	32	645	0.1322	
$ 76 2,4,6-Tribromophenol	330	8.202	8.213	-0.011	91	13363	20.2	
* 83 Phenanthrene-d10	188	8.879	8.889	-0.010	99	198093	40.0	
84 Phenanthrene	178	8.902	8.921	-0.019	73	3638	0.6587	
$ 91 Terphenyl-d14	244	10.454	10.461	-0.007	99	64629	18.0	
* 96 Chrysene-d12	240	11.641	11.649	-0.008	95	154495	40.0	
100 Benzo[b]fluoranthene	252	13.034	13.051	-0.017	62	1368	0.2612	M
102 Benzo[a]pyrene	252	13.484	13.494	-0.010	65	682	0.1454	
* 103 Perylene-d12	264	13.574	13.580	-0.006	97	198142	40.0	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D
Lims ID: 460-72174-E-5-A Lab Sample ID: 460-72174-5
Client ID: PMP-8SW-VS
Sample Type: Client
Inject. Date: 12-Mar-2014 02:46:30 ALS Bottle#: 30 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 2.0000
Sample Info: 460-0010721-030
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 09:17:06 Calib Date: 27-Feb-2014 14:00:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: ranav Date: 12-Mar-2014 11:00:16

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown alkane						
6.858	104734	4.43	61	0	0		0	
		Unknown alkane						
7.175	107313	4.54	61	0	0		0	
	2245-38-7	Naphthalene, 1,6,7-trimethyl-						
7.633	160753	6.80	61	96	36213	C13H14	170	
		Unknown alkane						
7.983	176173	7.46	61	0	0		0	
		Unknown alkane						
8.087	108927	4.61	61	0	0		0	
		Unknown alkane						
8.354	301641	19.6	83	0	0		0	
		Unknown alkane						
8.774	198436	12.9	83	0	0		0	
		Unknown alkane						
9.192	115607	7.51	83	0	0		0	
		Unknown alkane						
10.712	95170	7.91	96	0	0		0	
		Unknown						
12.494	94747	7.88	96					
		Unknown						
12.809	101496	6.02	103					
		Unknown						
13.766	93779	5.56	103					

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	Unknown							
14.206	191161	11.3	103					
	Unknown							
14.353	211093	12.5	103					
	Unknown							
15.378	204601	12.1	103					
	Unknown							
15.615	215151	12.8	103					
	Unknown							
16.736	127681	7.57	103					
	Unknown							
17.173	151346	8.98	103					
	Unknown							
17.405	154404	9.16	103					

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.422	945223	40.0
* 83 Phenanthrene-d10	8.879	616116	40.0
* 96 Chrysene-d12	11.641	481216	40.0
* 103 Perylene-d12	13.574	674419	40.0

QC Flag Legend

Processing Flags

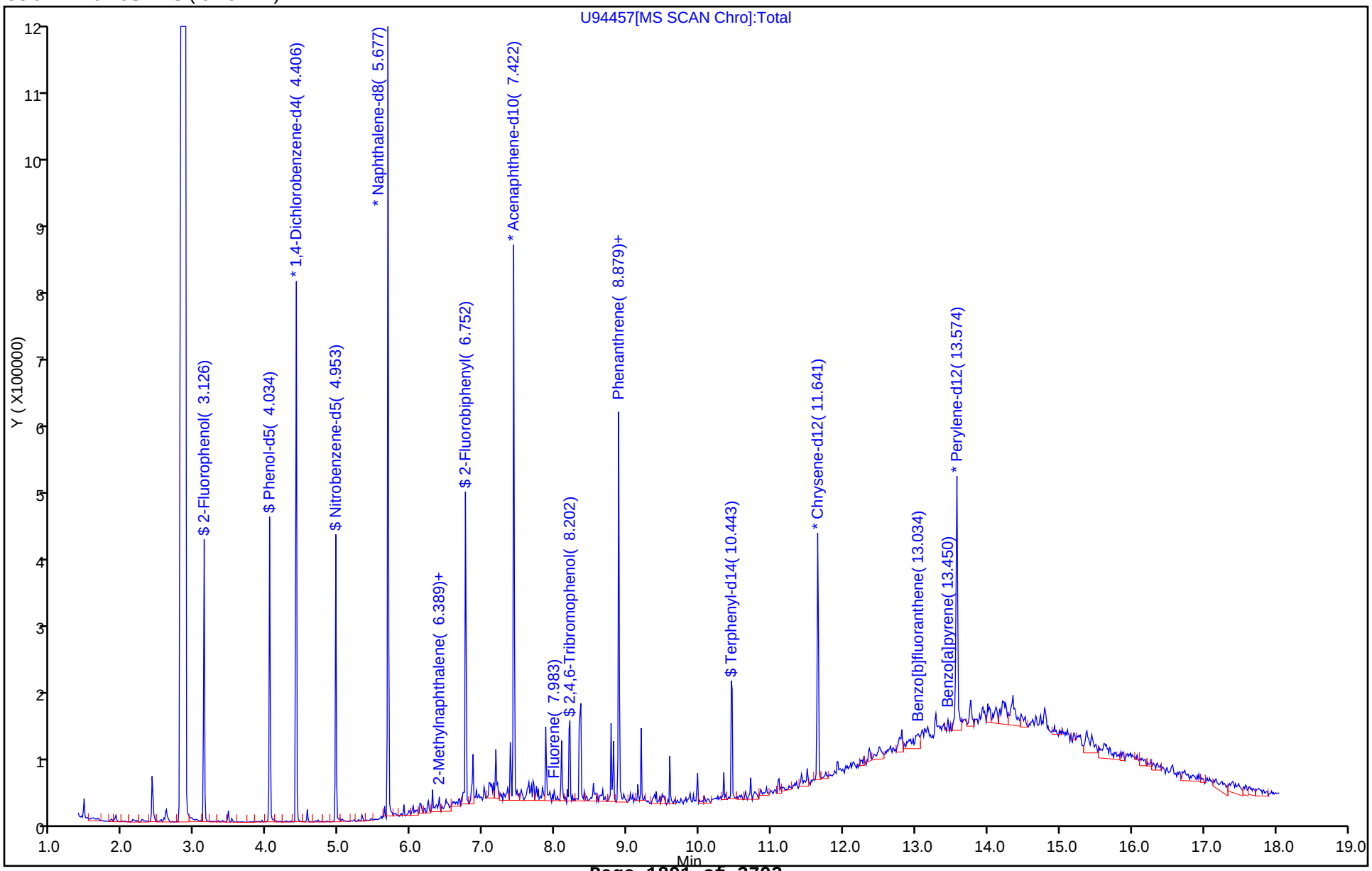
Report Date: 13-Mar-2014 09:17:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D

Injection Date:	12-Mar-2014 02:46:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-72174-E-5-A	Lab Sample ID:	460-72174-5	Worklist Smp#:	30
Client ID:	PMP-8SW-VS				
Injection Vol:	1.0 ul	Dil. Factor:	2.0000	ALS Bottle#:	30
Method:	8270_4R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

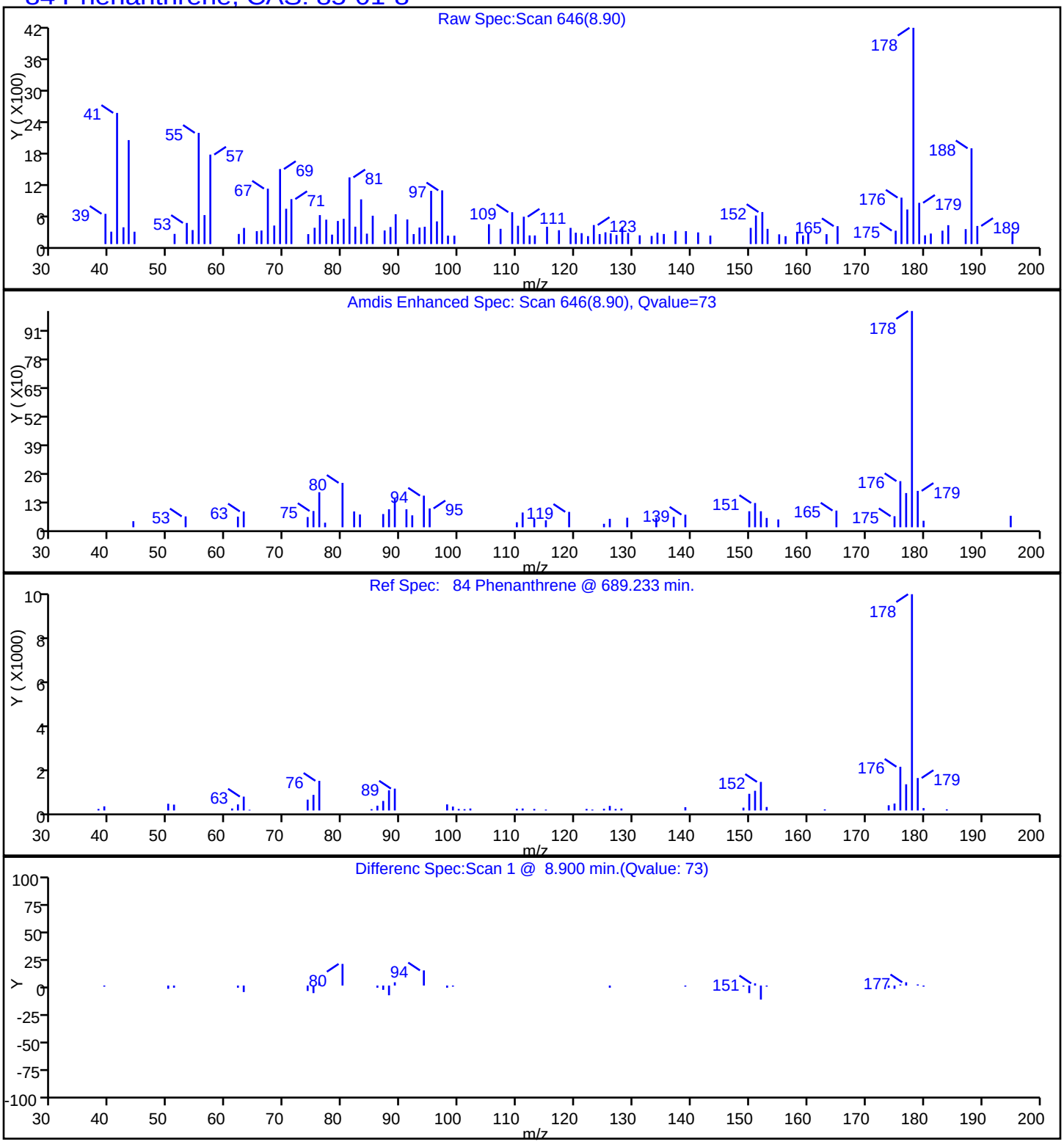


Report Date: 13-Mar-2014 09:17:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D				
Injection Date:	12-Mar-2014 02:46:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-5-A	Lab Sample ID:	460-72174-5		
Client ID:	PMP-8SW-VS				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

84 Phenanthrene, CAS: 85-01-8

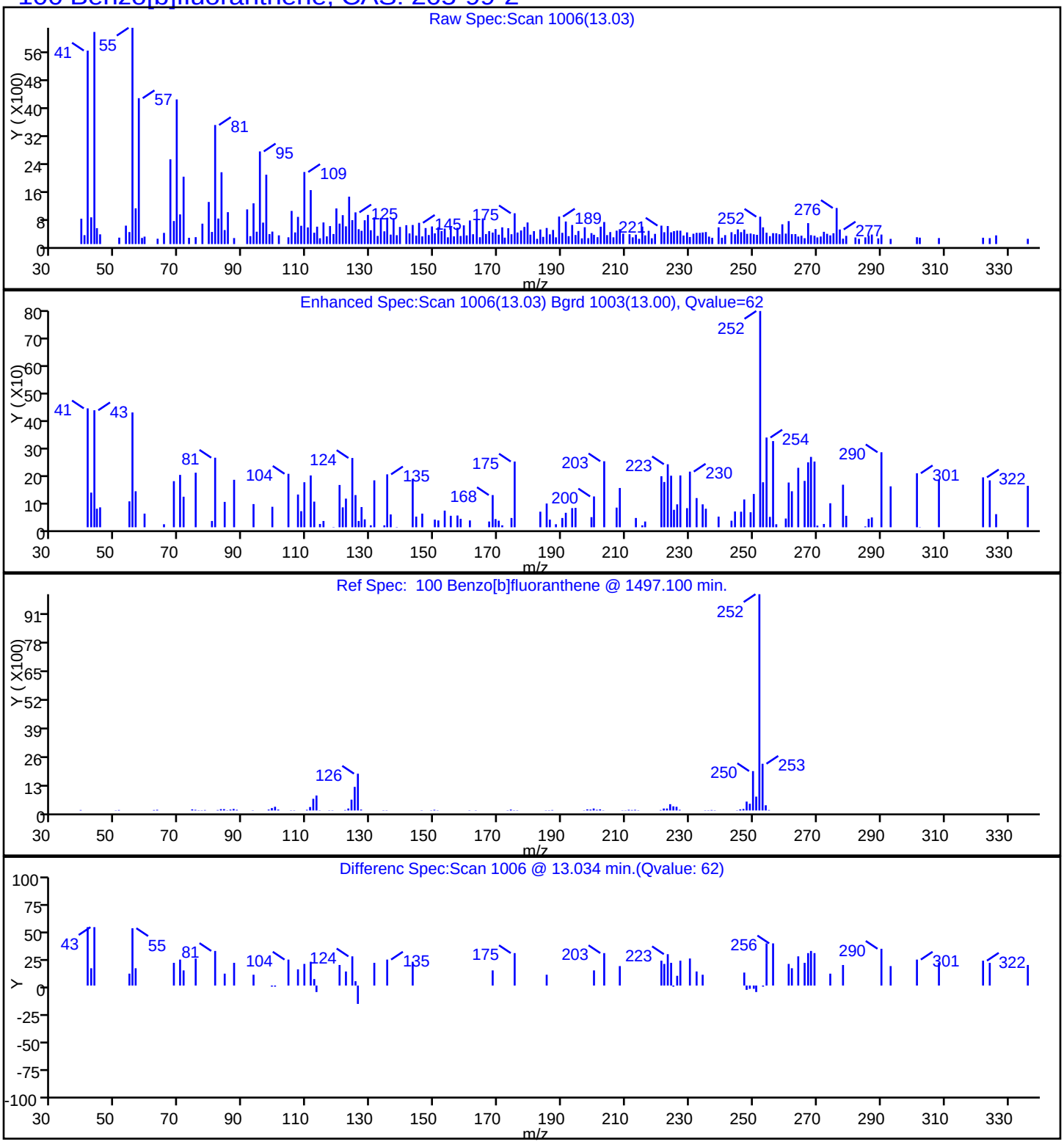


Report Date: 13-Mar-2014 09:17:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D				
Injection Date:	12-Mar-2014 02:46:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-5-A	Lab Sample ID:	460-72174-5		
Client ID:	PMP-8SW-VS				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

100 Benzo[b]fluoranthene, CAS: 205-99-2

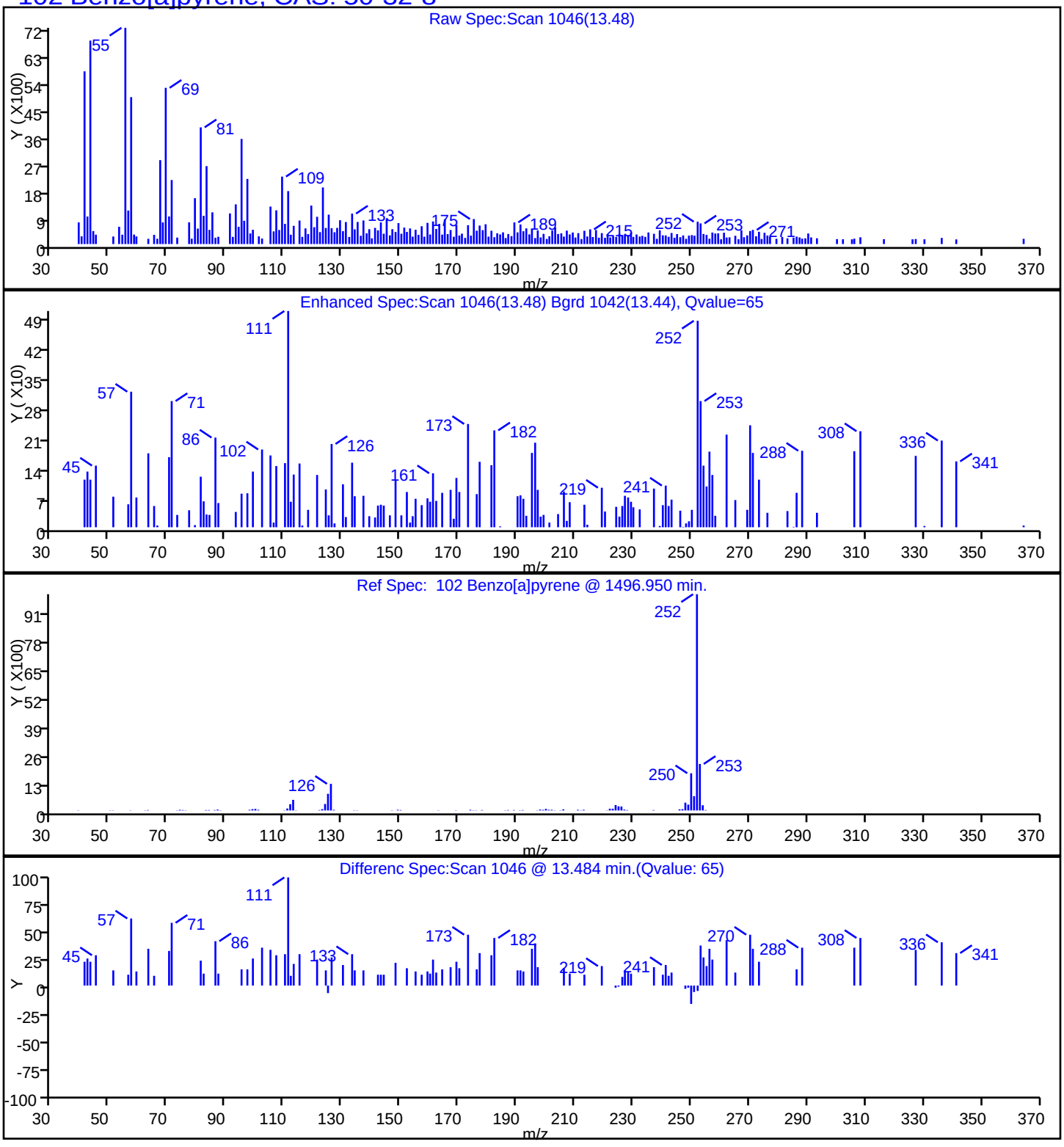


Report Date: 13-Mar-2014 09:17:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D				
Injection Date:	12-Mar-2014 02:46:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-5-A	Lab Sample ID:	460-72174-5		
Client ID:	PMP-8SW-VS				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

102 Benzo[a]pyrene, CAS: 50-32-8



Manual Integration/User Assign Peak Report

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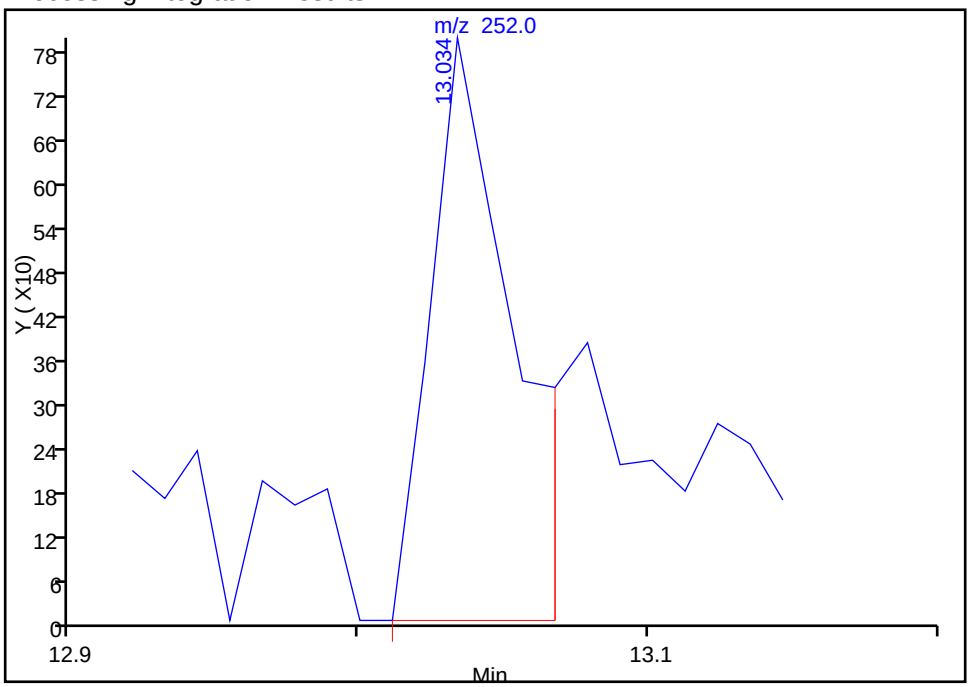
Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D				
Injection Date:	12-Mar-2014 02:46:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-5-A	Lab Sample ID:	460-72174-5		
Client ID:	PMP-8SW-VS				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

100 Benzo[b]fluoranthene, CAS: 205-99-2

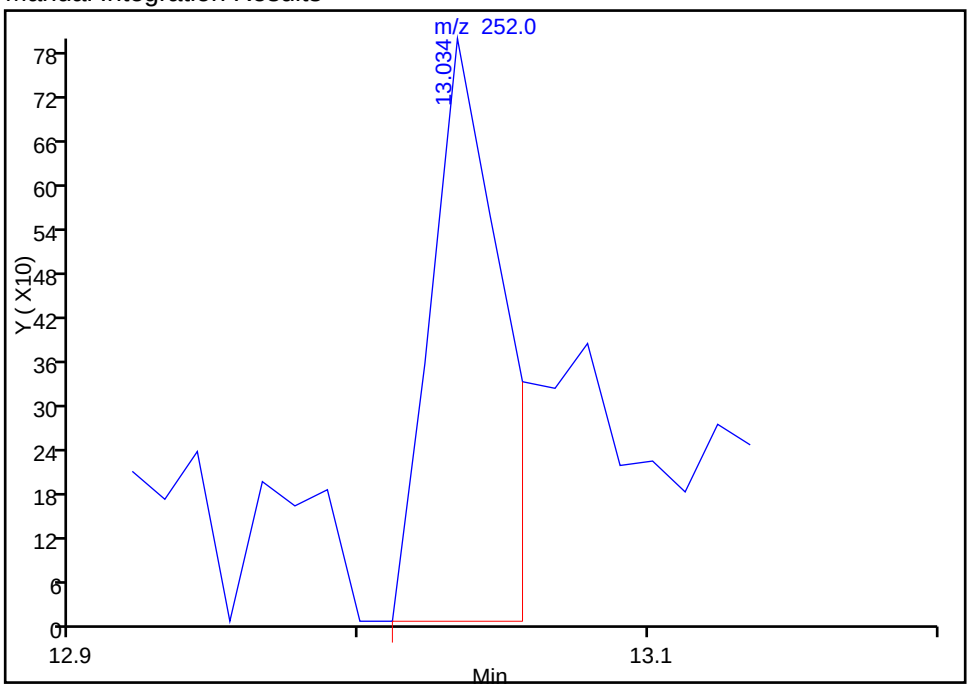
Processing Integration Results

RT: 13.03
Response: 1582
Amount: 0.302087



Manual Integration Results

RT: 13.03
Response: 1368
Amount: 0.261223



Reviewer: ranav, 12-Mar-2014 11:00:16
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

Report Date: 13-Mar-2014 09:17:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D

Injection Date: 12-Mar-2014 02:46:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-5-A Lab Sample ID: 460-72174-5

Client ID: PMP-8SW-VS

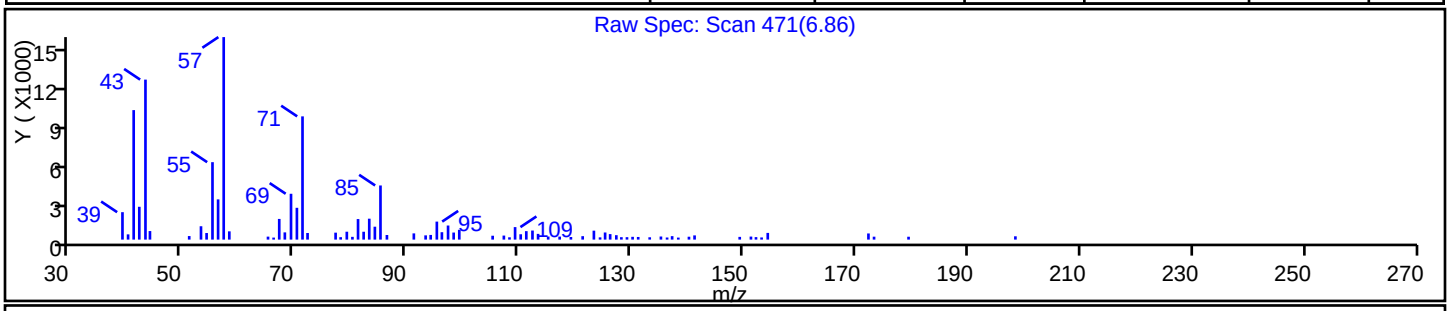
Operator ID: ALS Bottle#: 30 Worklist Smp#: 30

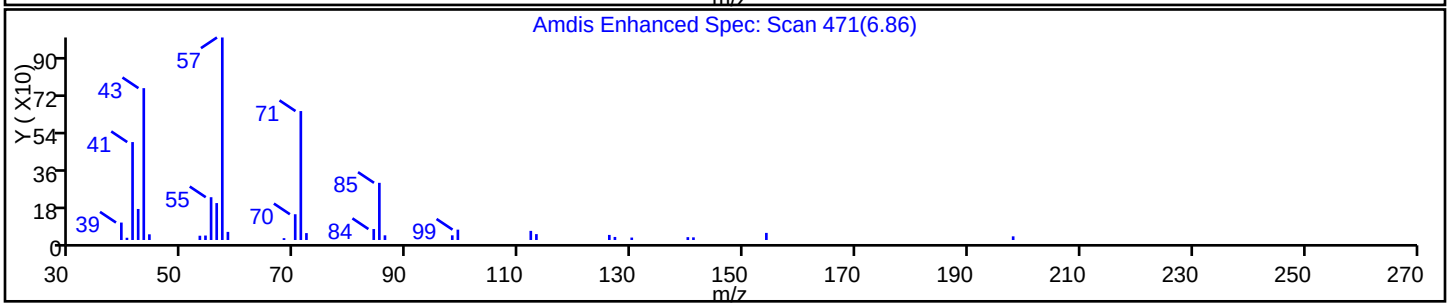
Injection Vol: 1.0 ul Dil. Factor: 2.0000

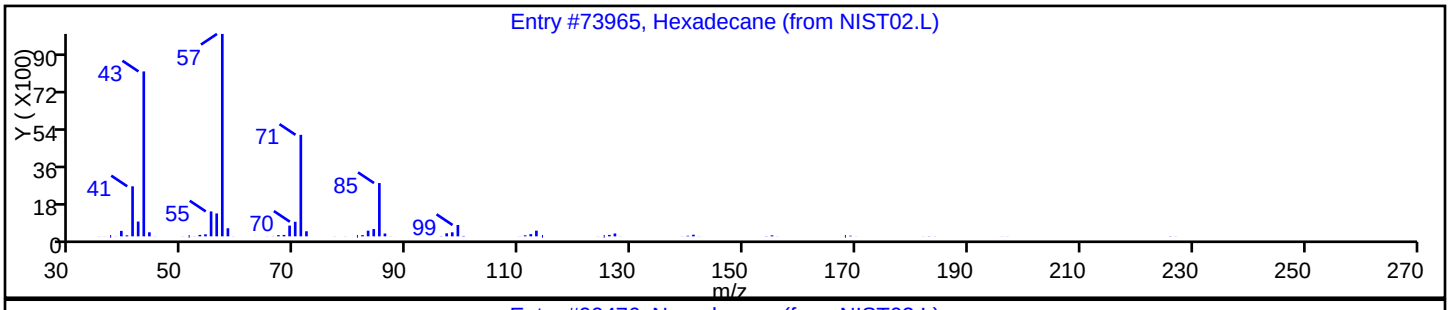
Method: 8270_4R Limit Group: SV 8270 ICAL

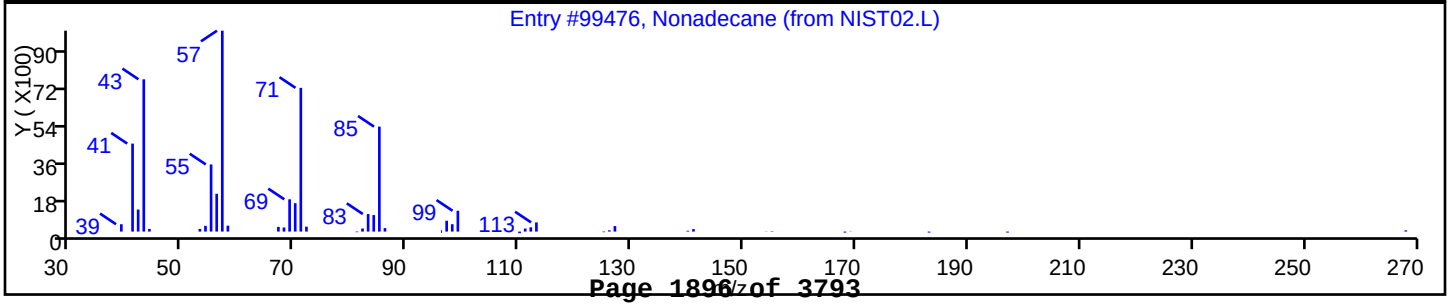
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	86
Nonadecane	629-92-5	NIST02.L	99476	C19H40	268	86









Report Date: 13-Mar-2014 09:17:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D

Injection Date: 12-Mar-2014 02:46:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-5-A Lab Sample ID: 460-72174-5

Client ID: PMP-8SW-VS

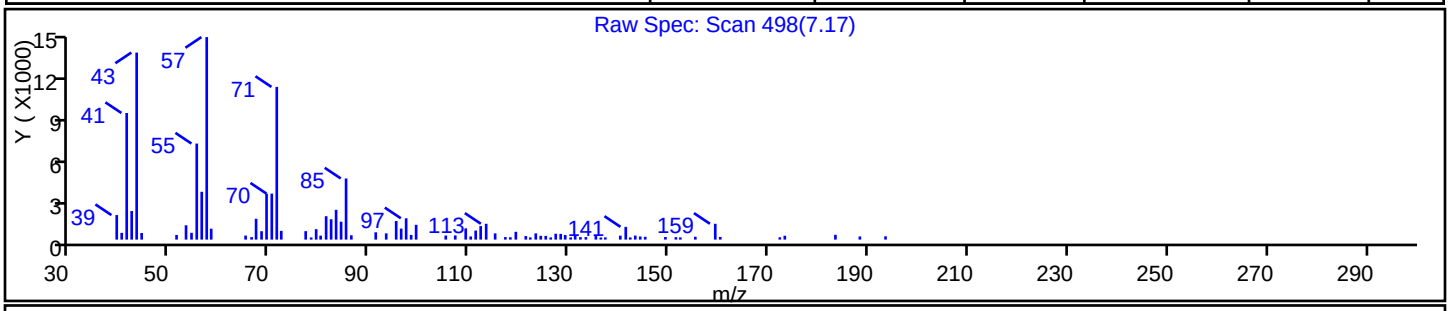
Operator ID: ALS Bottle#: 30 Worklist Smp#: 30

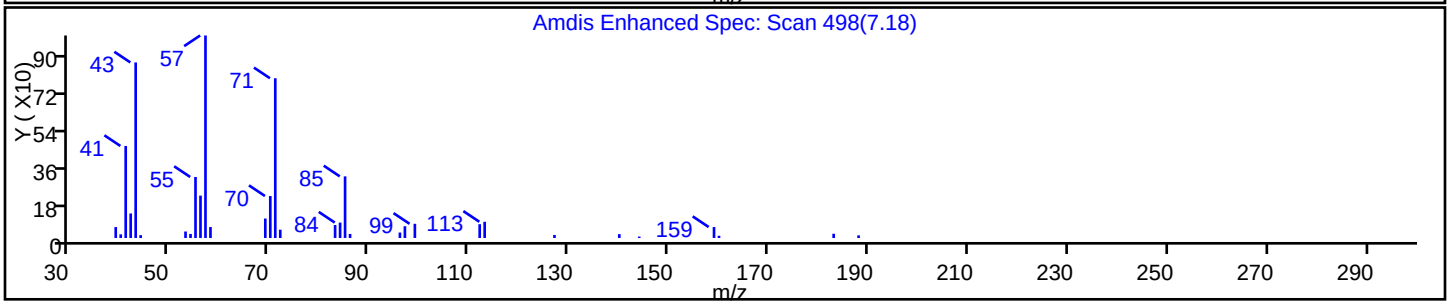
Injection Vol: 1.0 ul Dil. Factor: 2.0000

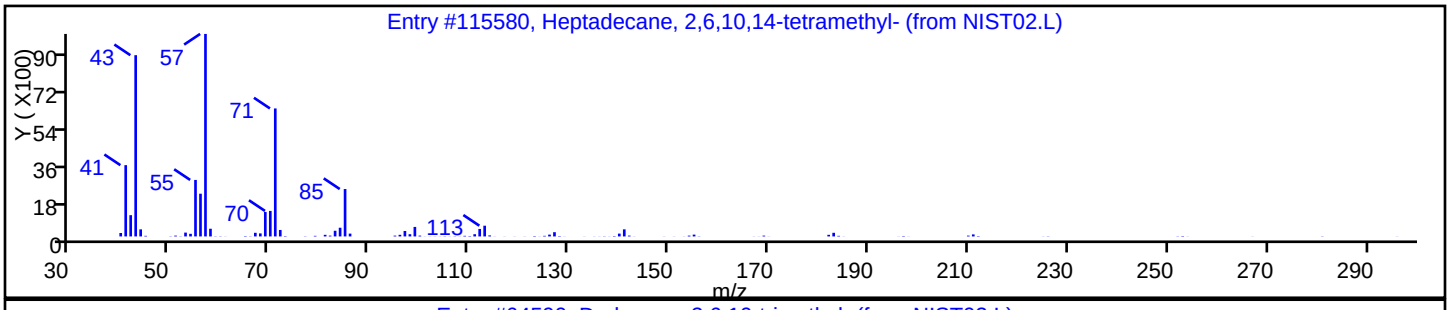
Method: 8270_4R Limit Group: SV 8270 ICAL

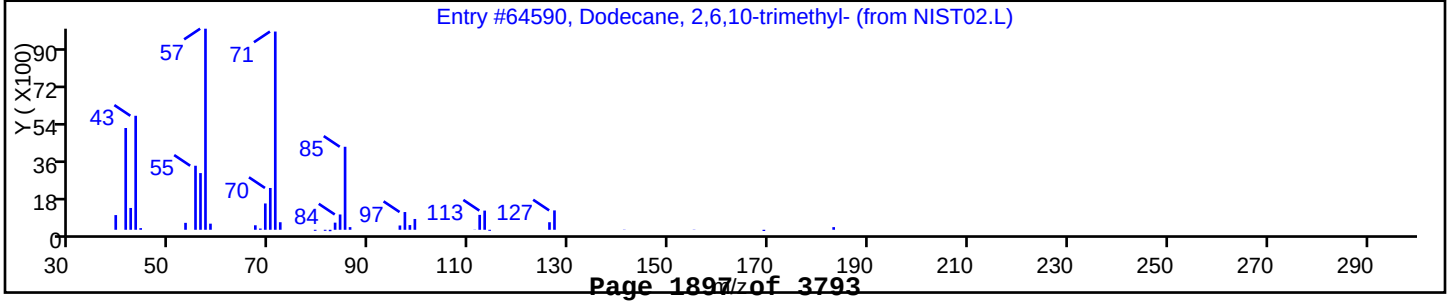
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Heptadecane, 2,6,10,14-tetramethyl-	18344-37-1	NIST02.L	115580	C21H44	296	86
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	C15H32	212	80









Report Date: 13-Mar-2014 09:17:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D

Injection Date: 12-Mar-2014 02:46:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-5-A Lab Sample ID: 460-72174-5

Client ID: PMP-8SW-VS

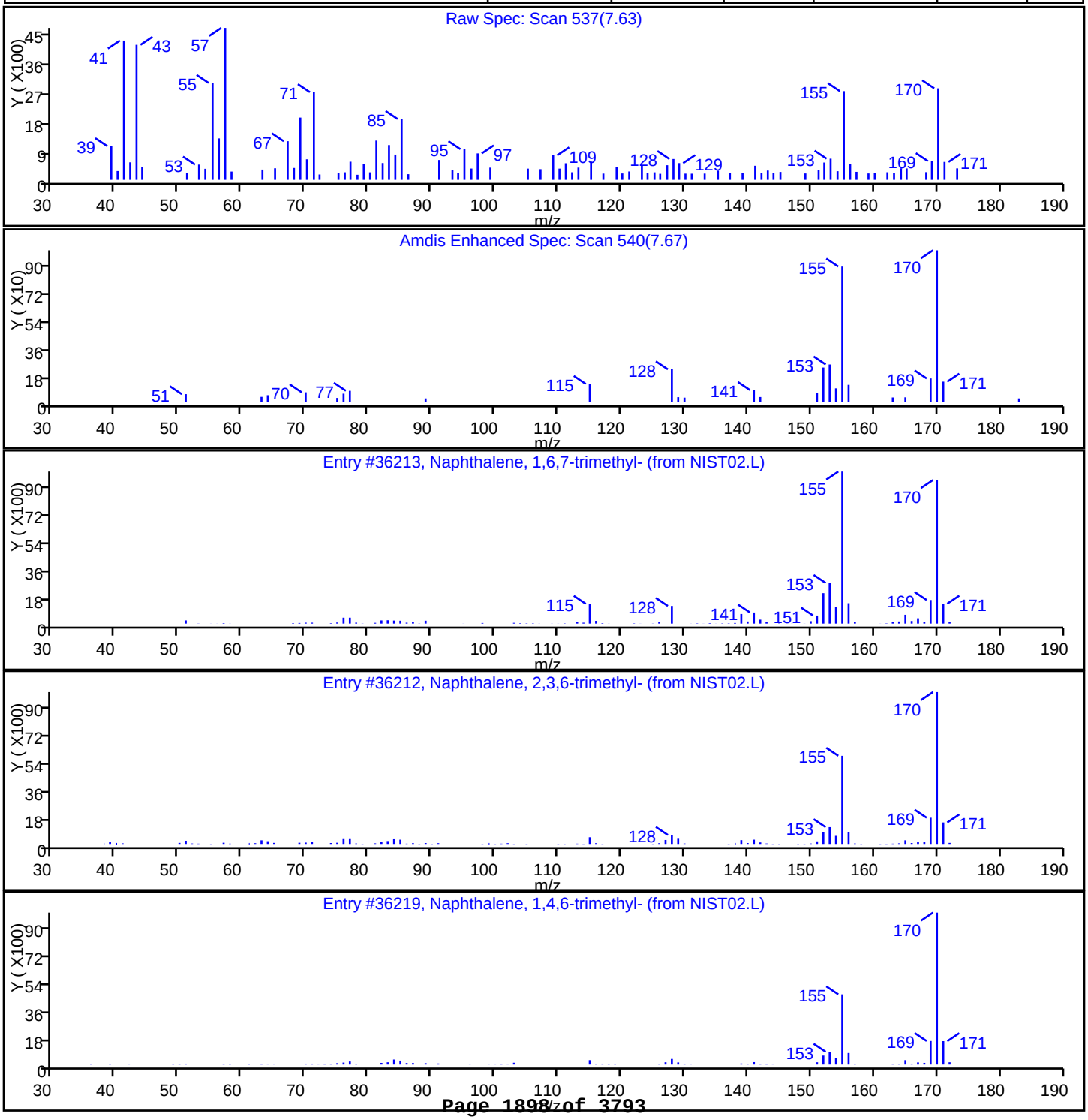
Operator ID: ALS Bottle#: 30 Worklist Smp#: 30

Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36213	C13H14	170	96
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36212	C13H14	170	90
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.L	36219	C13H14	170	90



Report Date: 13-Mar-2014 09:17:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D

Injection Date: 12-Mar-2014 02:46:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-5-A Lab Sample ID: 460-72174-5

Client ID: PMP-8SW-VS

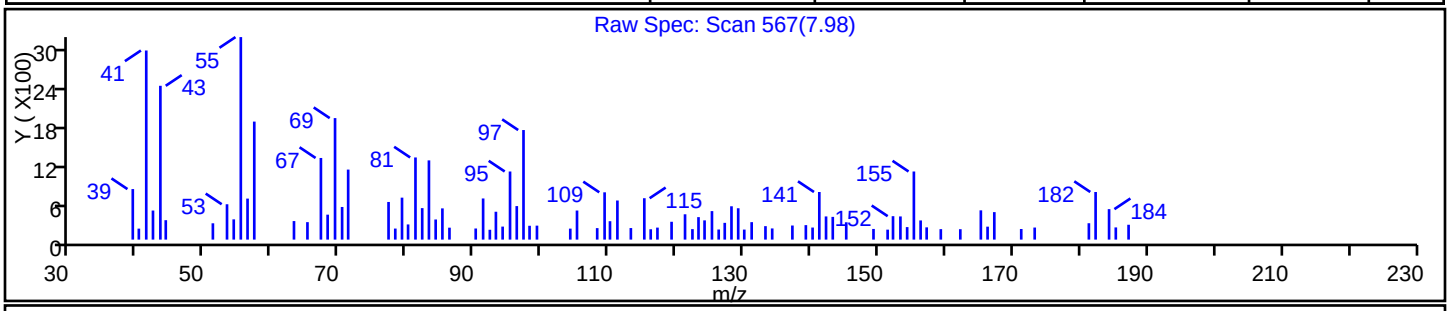
Operator ID: ALS Bottle#: 30 Worklist Smp#: 30

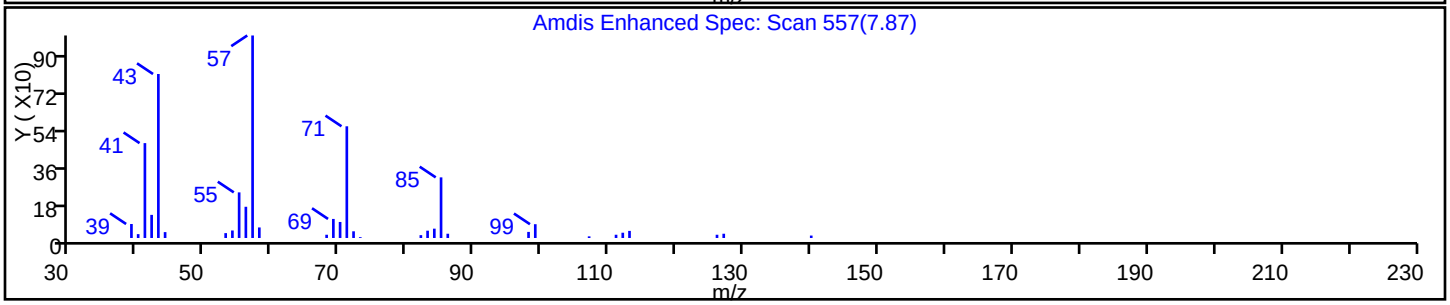
Injection Vol: 1.0 ul Dil. Factor: 2.0000

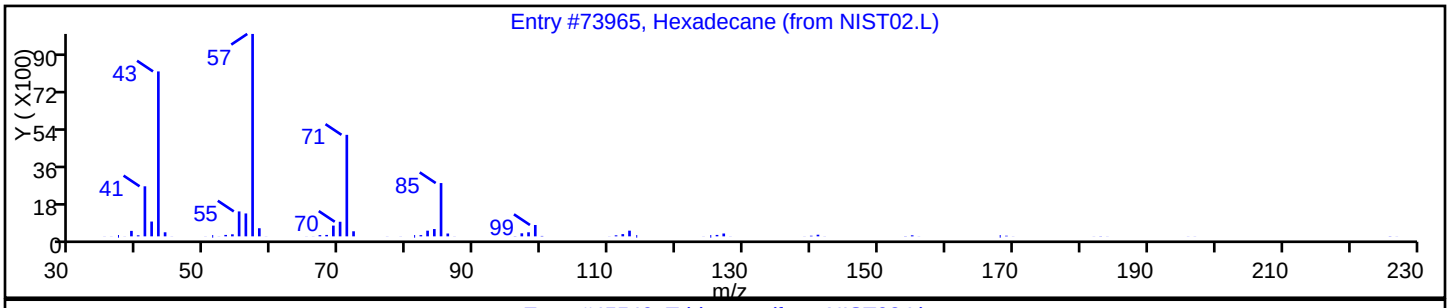
Method: 8270_4R Limit Group: SV 8270 ICAL

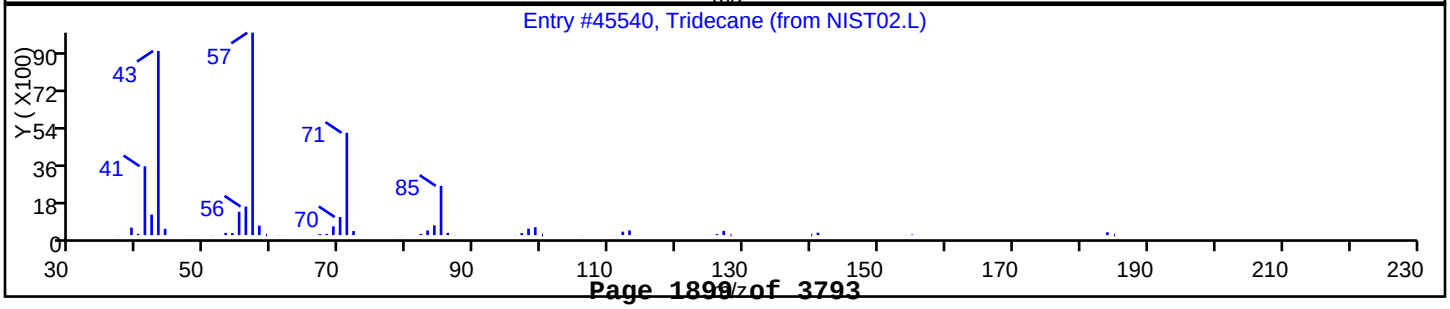
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	91
Tridecane	629-50-5	NIST02.L	45540	C13H28	184	86









Report Date: 13-Mar-2014 09:17:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D

Injection Date: 12-Mar-2014 02:46:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-5-A Lab Sample ID: 460-72174-5

Client ID: PMP-8SW-VS

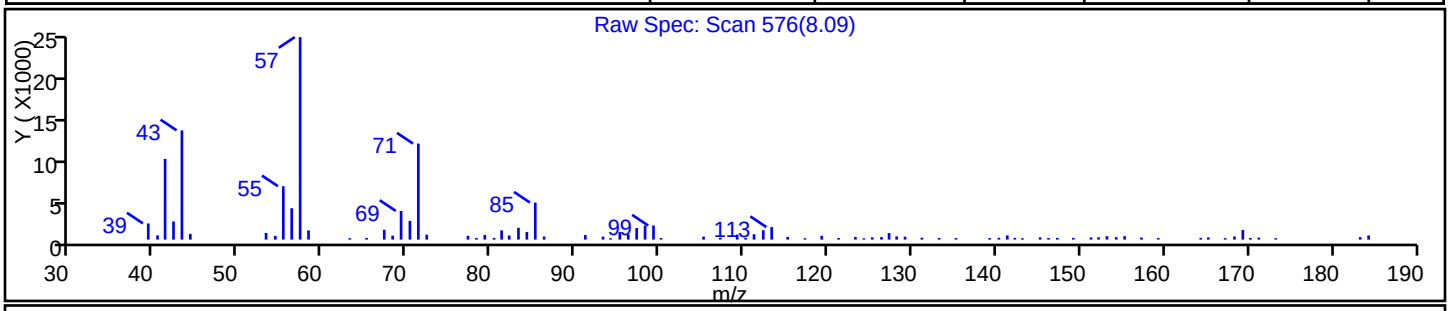
Operator ID: ALS Bottle#: 30 Worklist Smp#: 30

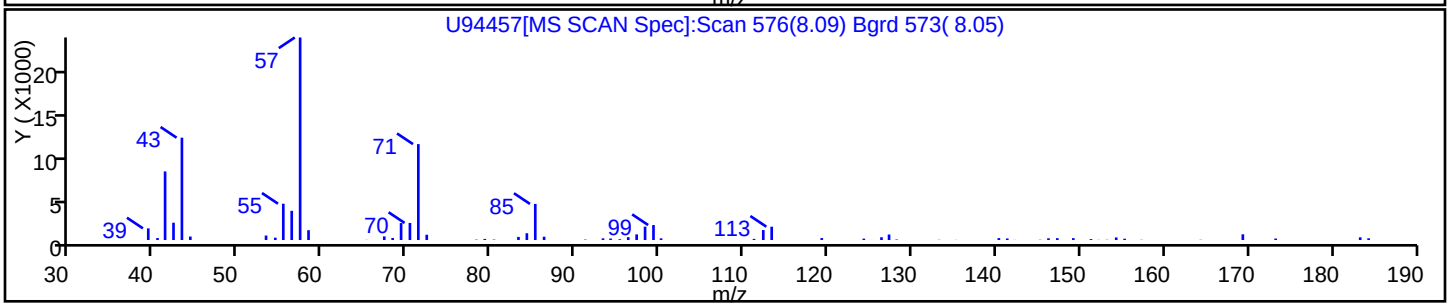
Injection Vol: 1.0 ul Dil. Factor: 2.0000

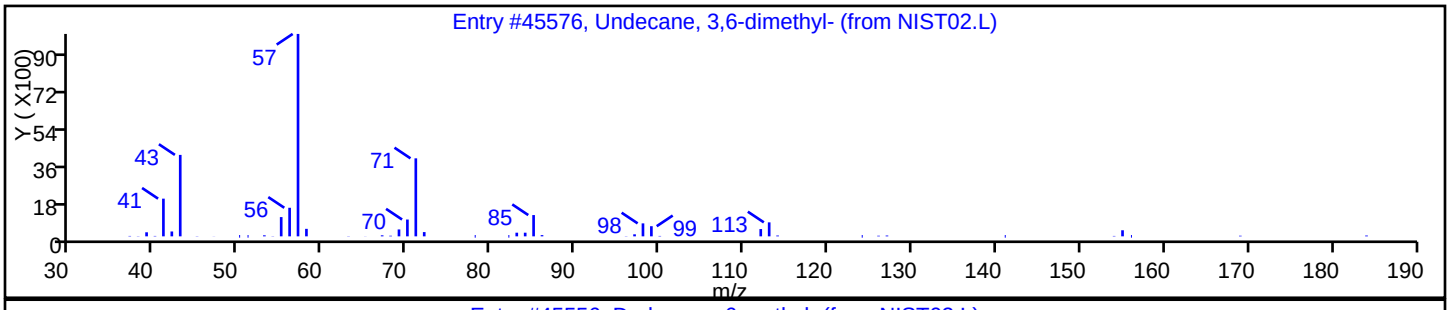
Method: 8270_4R Limit Group: SV 8270 ICAL

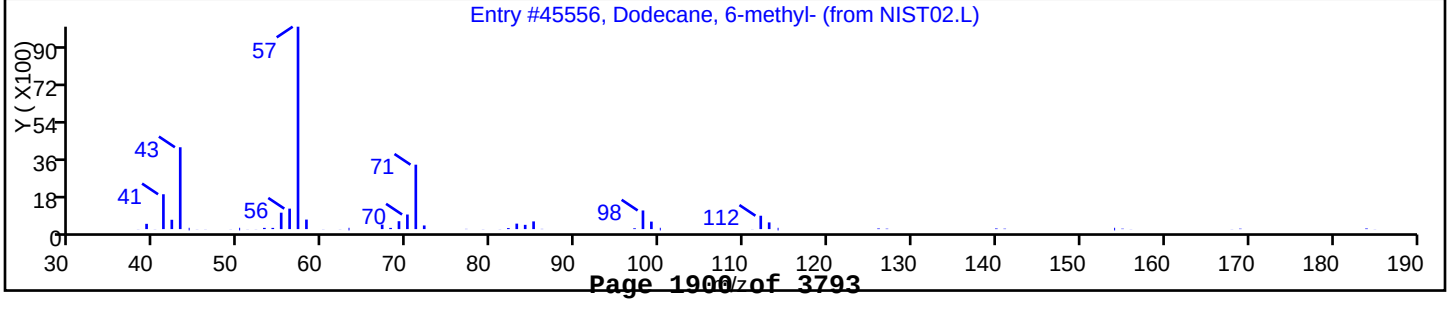
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.L	45576	C13H28	184	91
Dodecane, 6-methyl-	6044-71-9	NIST02.L	45556	C13H28	184	81









Report Date: 13-Mar-2014 09:17:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D

Injection Date: 12-Mar-2014 02:46:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-5-A Lab Sample ID: 460-72174-5

Client ID: PMP-8SW-VS

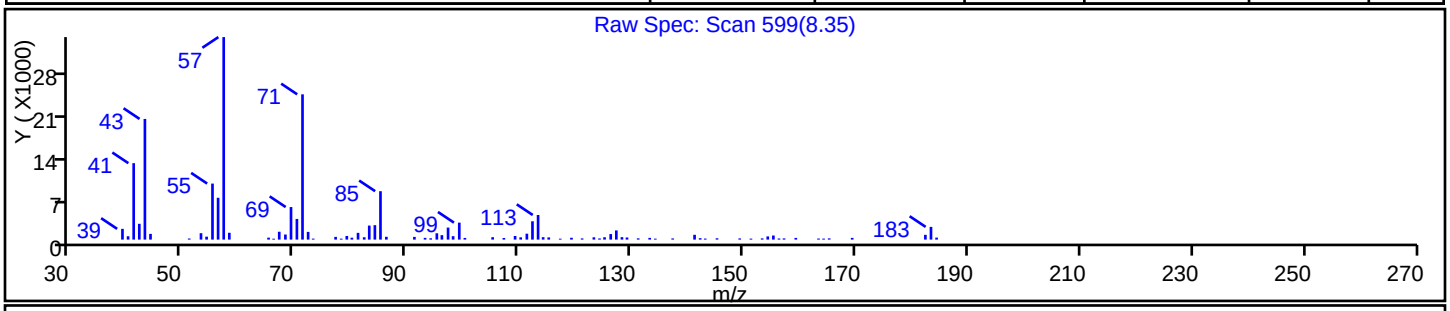
Operator ID: ALS Bottle#: 30 Worklist Smp#: 30

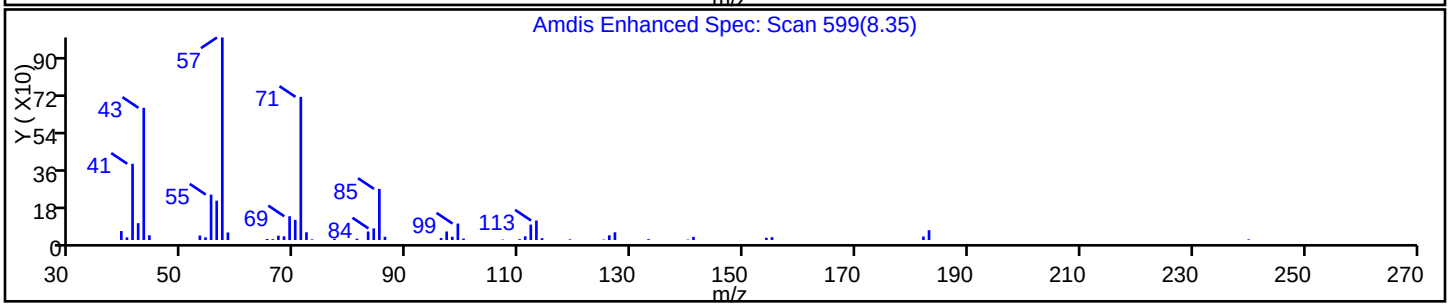
Injection Vol: 1.0 ul Dil. Factor: 2.0000

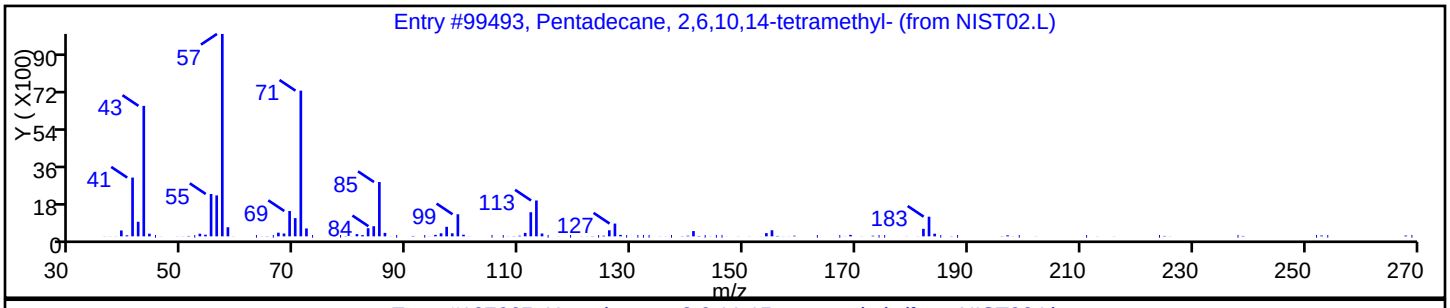
Method: 8270_4R Limit Group: SV 8270 ICAL

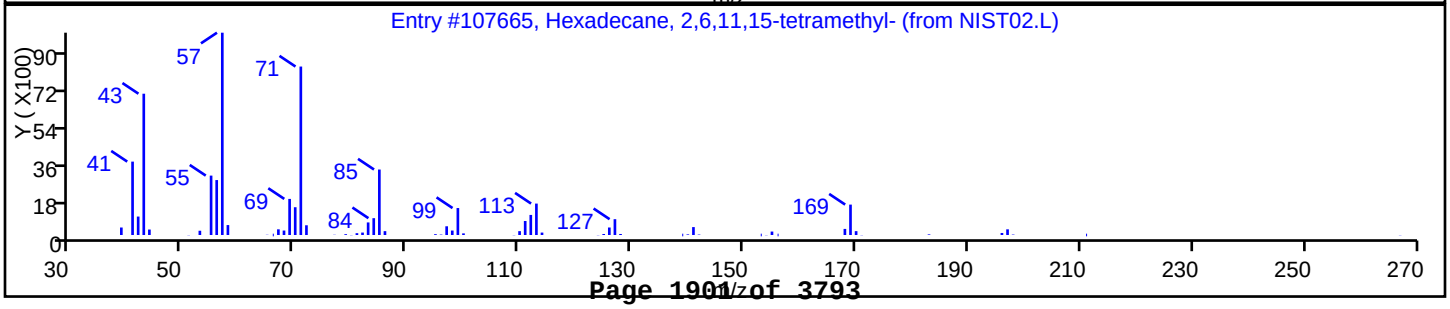
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99493	C19H40	268	91
Hexadecane, 2,6,11,15-tetramethyl-	504-44-9	NIST02.L	107665	C20H42	282	91









Report Date: 13-Mar-2014 09:17:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D

Injection Date: 12-Mar-2014 02:46:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-5-A Lab Sample ID: 460-72174-5

Client ID: PMP-8SW-VS

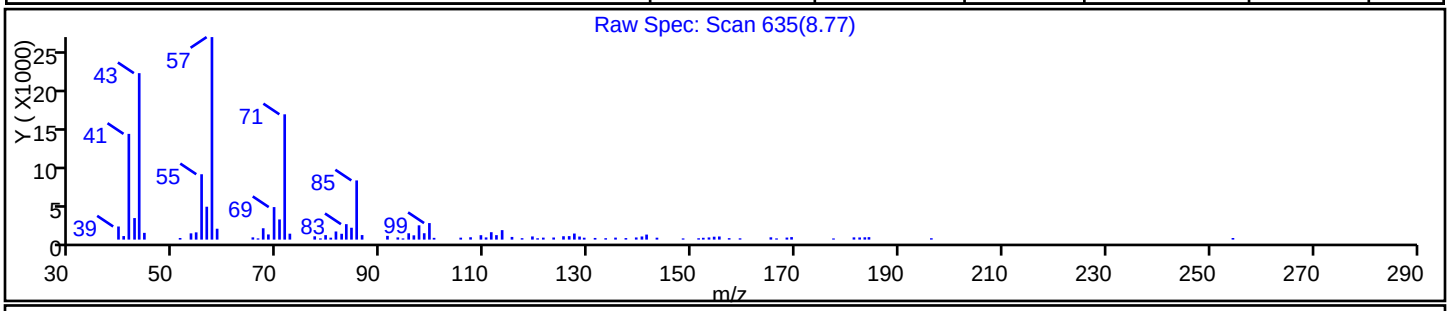
Operator ID: ALS Bottle#: 30 Worklist Smp#: 30

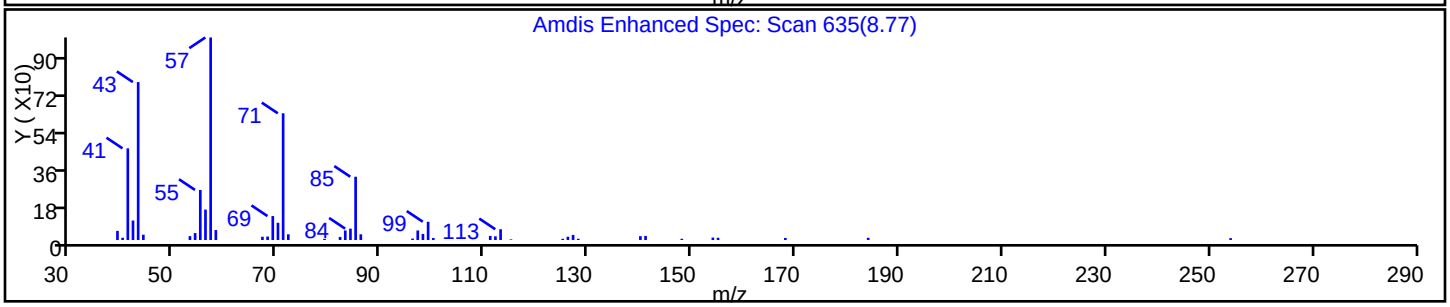
Injection Vol: 1.0 ul Dil. Factor: 2.0000

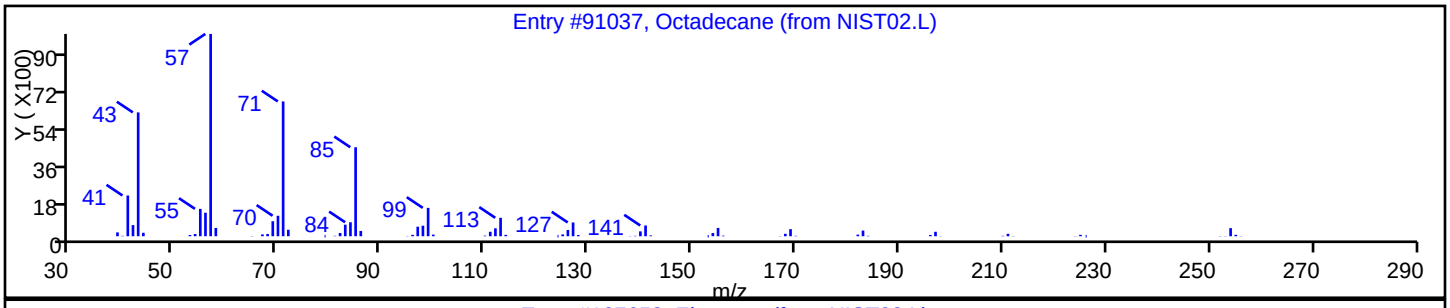
Method: 8270_4R Limit Group: SV 8270 ICAL

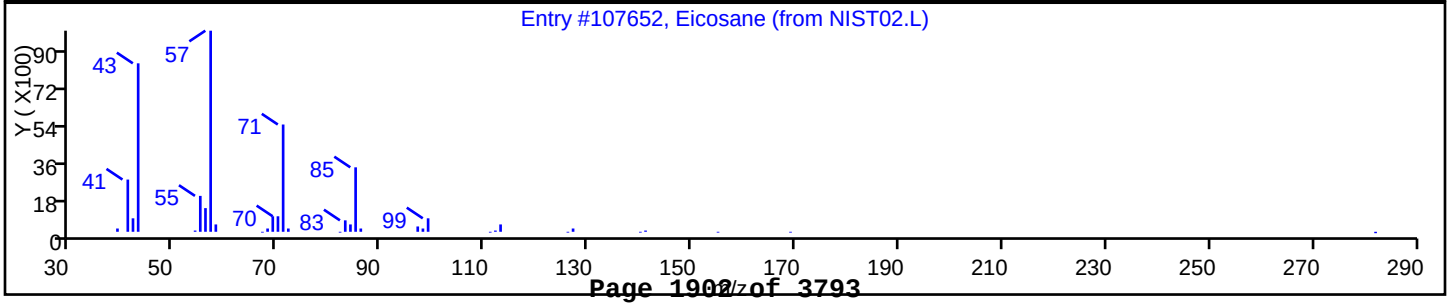
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Octadecane	593-45-3	NIST02.L	91037	C18H38	254	93
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91









Report Date: 13-Mar-2014 09:17:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D

Injection Date: 12-Mar-2014 02:46:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-5-A Lab Sample ID: 460-72174-5

Client ID: PMP-8SW-VS

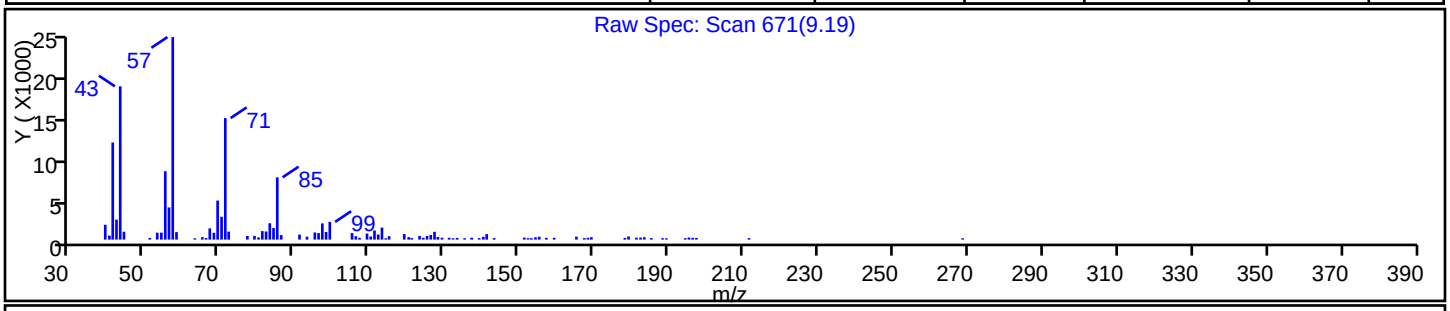
Operator ID: ALS Bottle#: 30 Worklist Smp#: 30

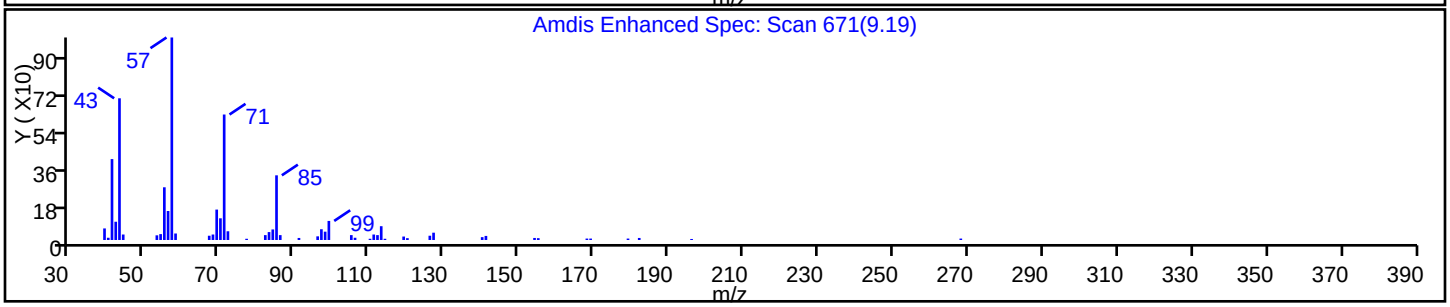
Injection Vol: 1.0 ul Dil. Factor: 2.0000

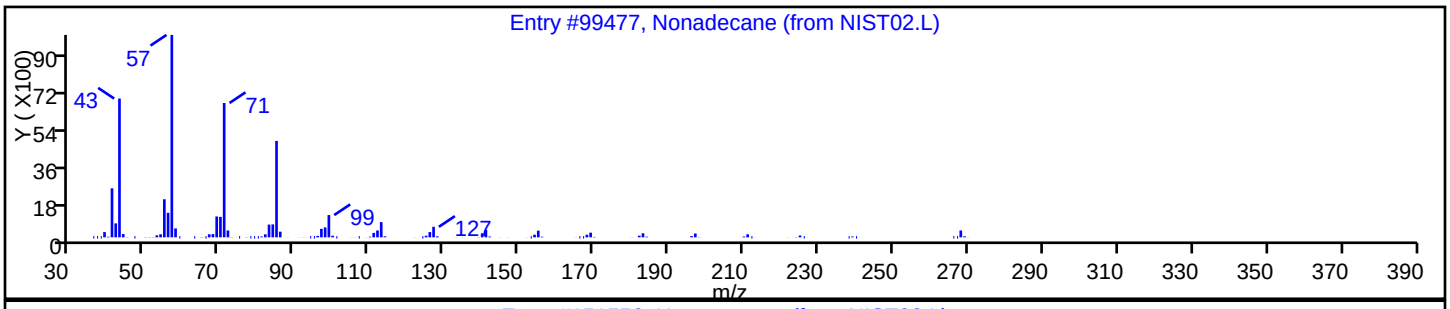
Method: 8270_4R Limit Group: SV 8270 ICAL

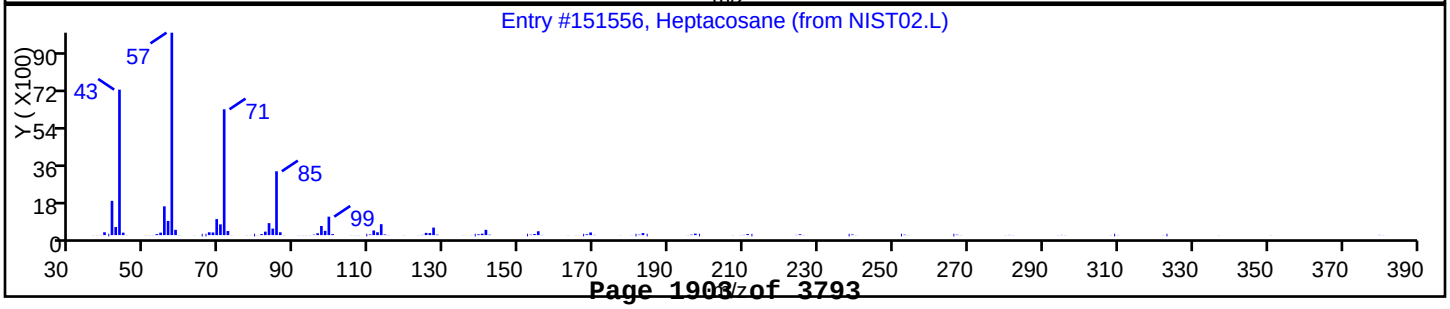
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Nonadecane	629-92-5	NIST02.L	99477	C19H40	268	95
Heptacosane	593-49-7	NIST02.L	151556	C27H56	380	91









Report Date: 13-Mar-2014 09:17:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D

Injection Date: 12-Mar-2014 02:46:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-5-A Lab Sample ID: 460-72174-5

Client ID: PMP-8SW-VS

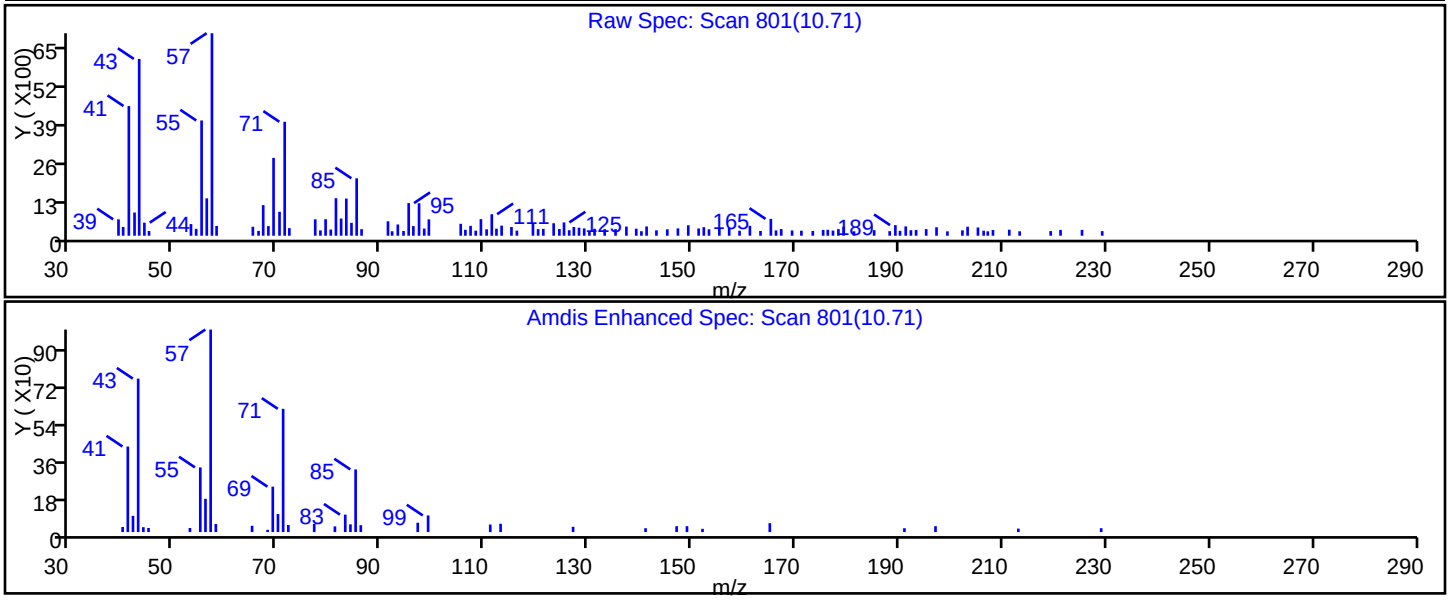
Operator ID: ALS Bottle#: 30 Worklist Smp#: 30

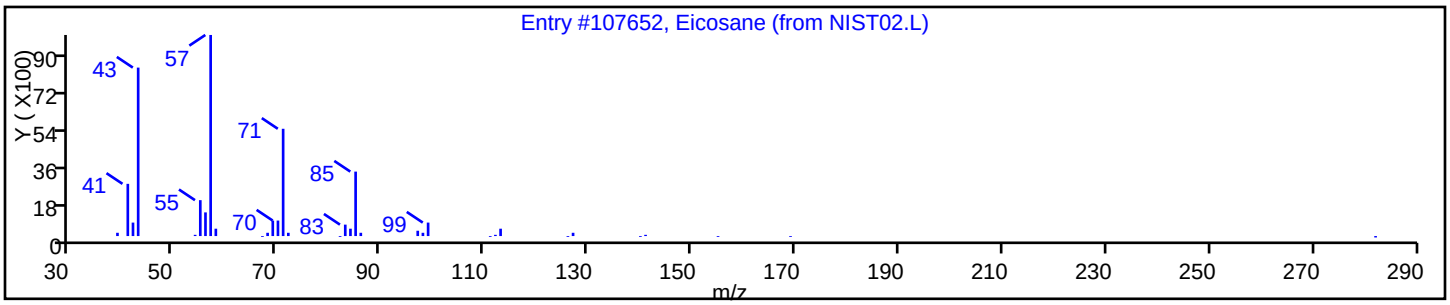
Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	87

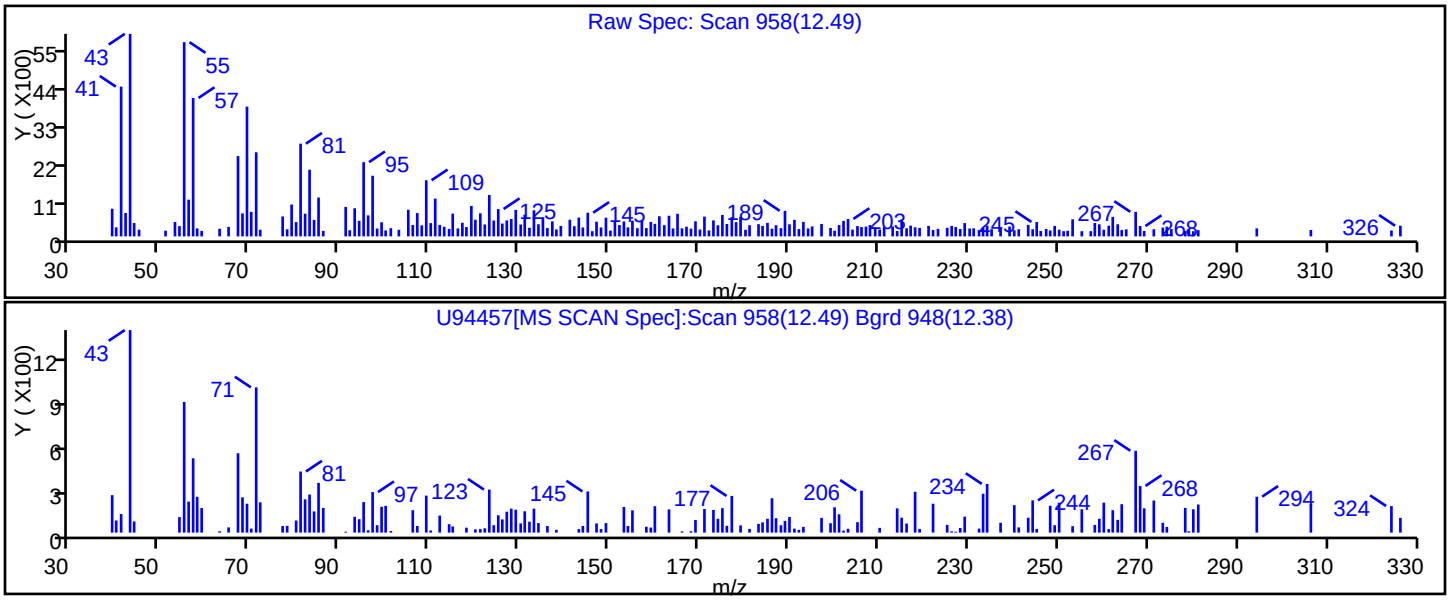




Report Date: 13-Mar-2014 09:17:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D				
Injection Date:	12-Mar-2014 02:46:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-5-A	Lab Sample ID:	460-72174-5		
Client ID:	PMP-8SW-VS				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		

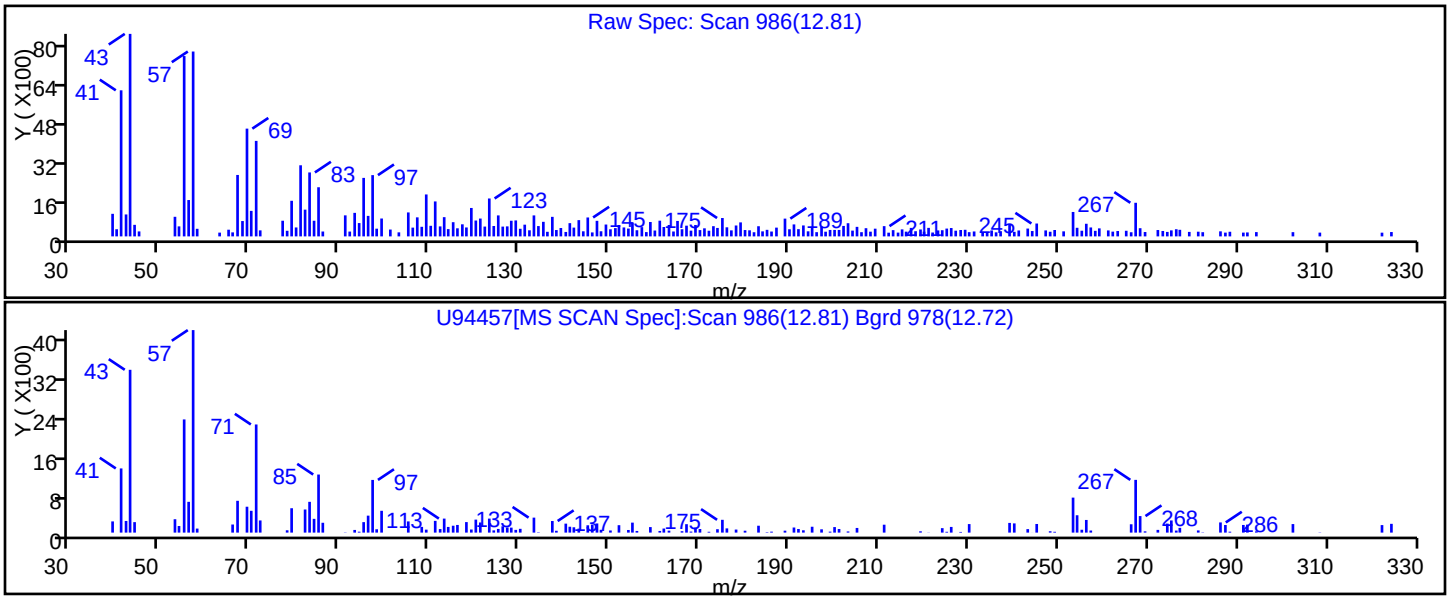


Report Date: 13-Mar-2014 09:17:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D

Injection Date:	12-Mar-2014 02:46:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-5-A	Lab Sample ID:	460-72174-5		
Client ID:	PMP-8SW-VS				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		

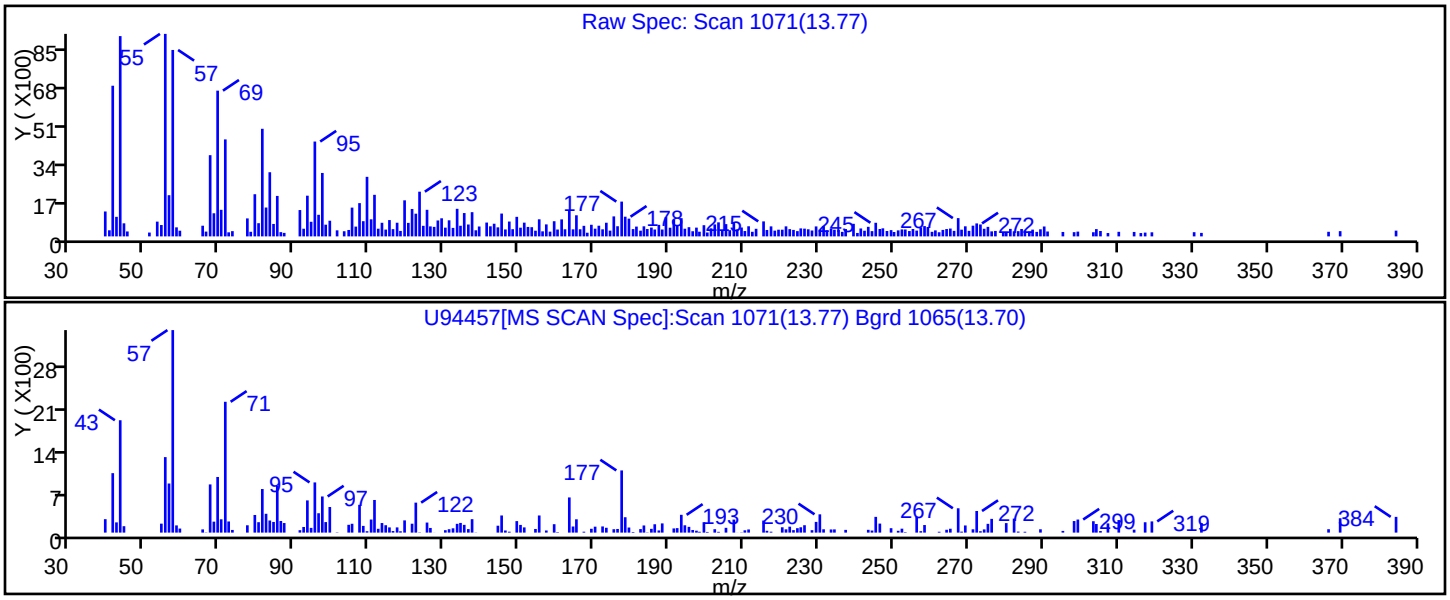


Report Date: 13-Mar-2014 09:17:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D				
Injection Date:	12-Mar-2014 02:46:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-5-A	Lab Sample ID:	460-72174-5		
Client ID:	PMP-8SW-VS				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

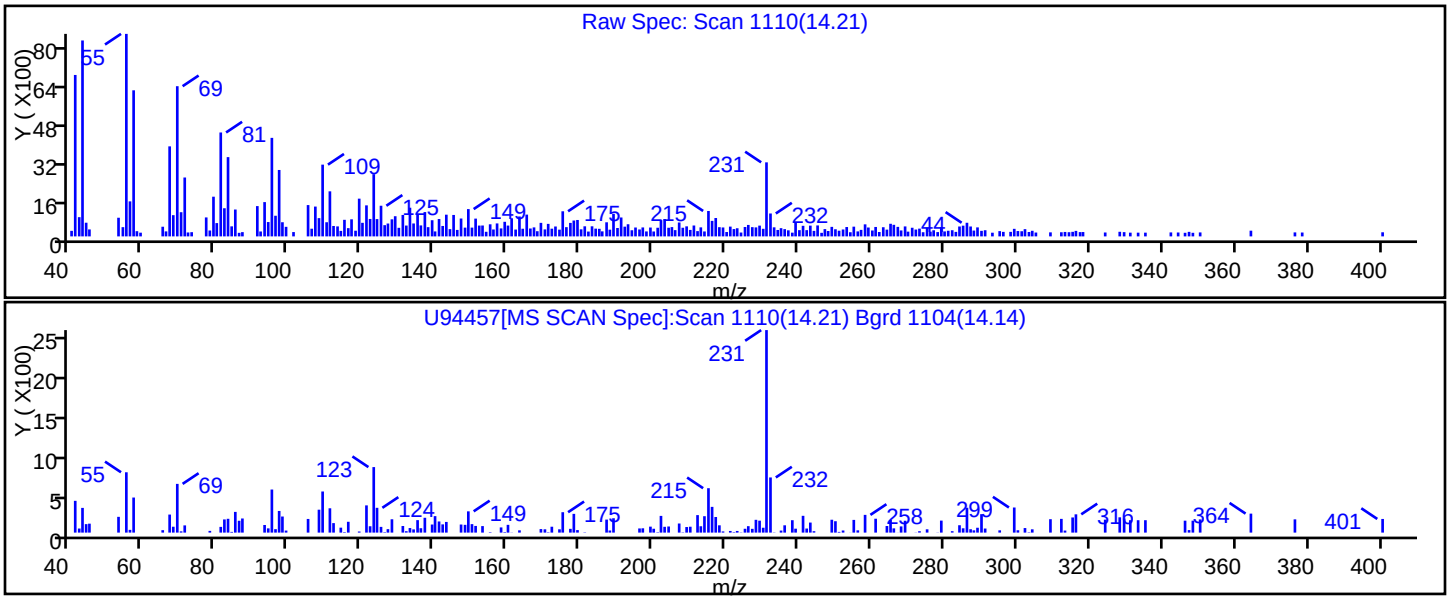


Report Date: 13-Mar-2014 09:17:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D

Injection Date:	12-Mar-2014 02:46:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-5-A	Lab Sample ID:	460-72174-5		
Client ID:	PMP-8SW-VS				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 13-Mar-2014 09:17:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D

Injection Date: 12-Mar-2014 02:46:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-5-A Lab Sample ID: 460-72174-5

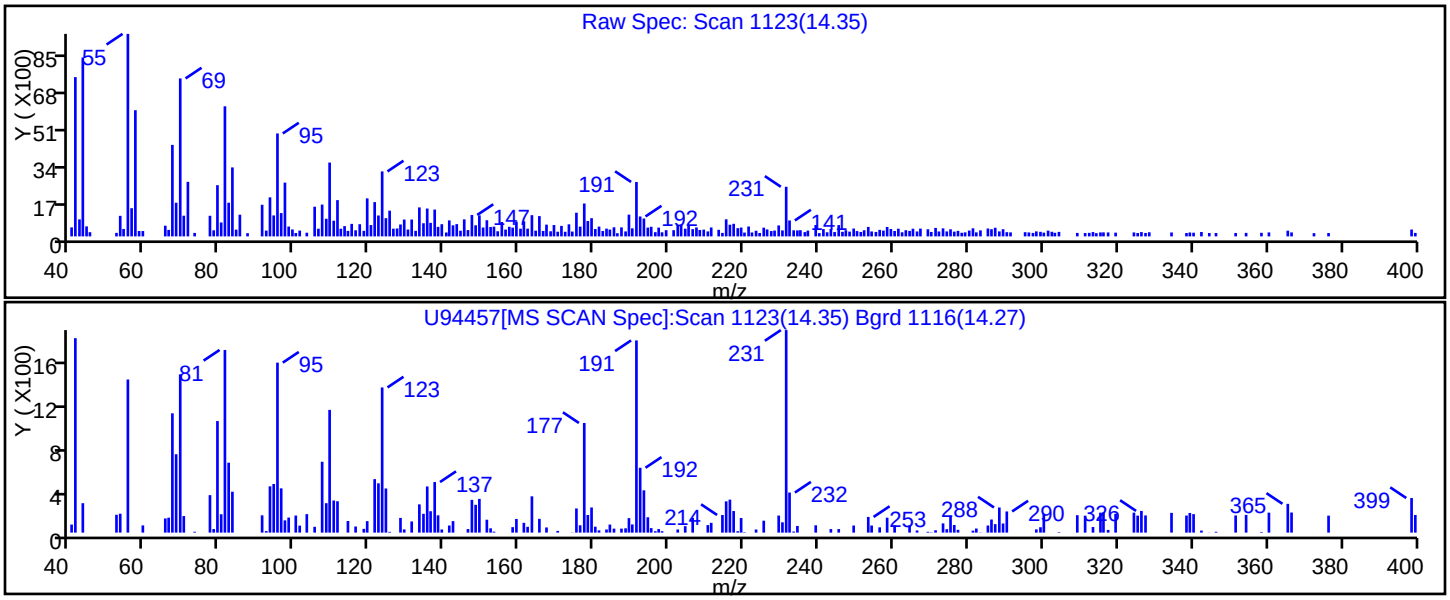
Client ID: PMP-8SW-VS

Operator ID: ALS Bottle#: 30 Worklist Smp#: 30

Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Solution Number of Library Matches Found above the Threshold: 80 Detector MS SCAN



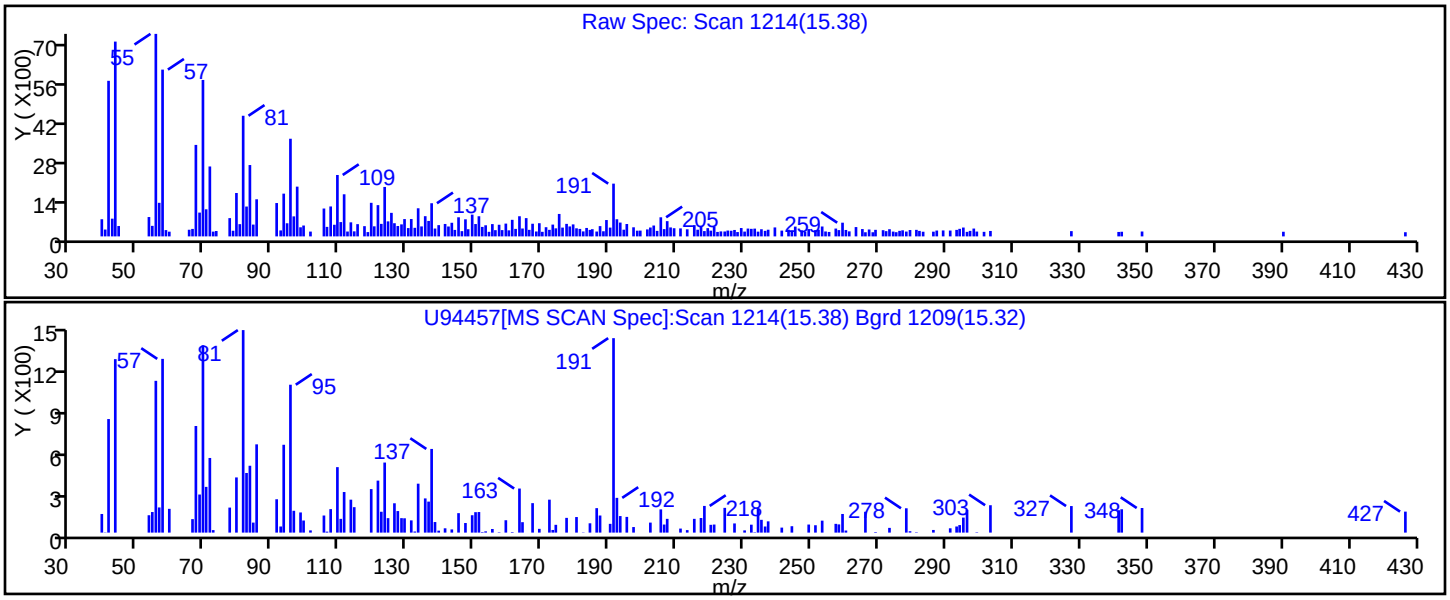
Report Date: 13-Mar-2014 09:17:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D

Injection Date:	12-Mar-2014 02:46:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-5-A	Lab Sample ID:	460-72174-5		
Client ID:	PMP-8SW-VS				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

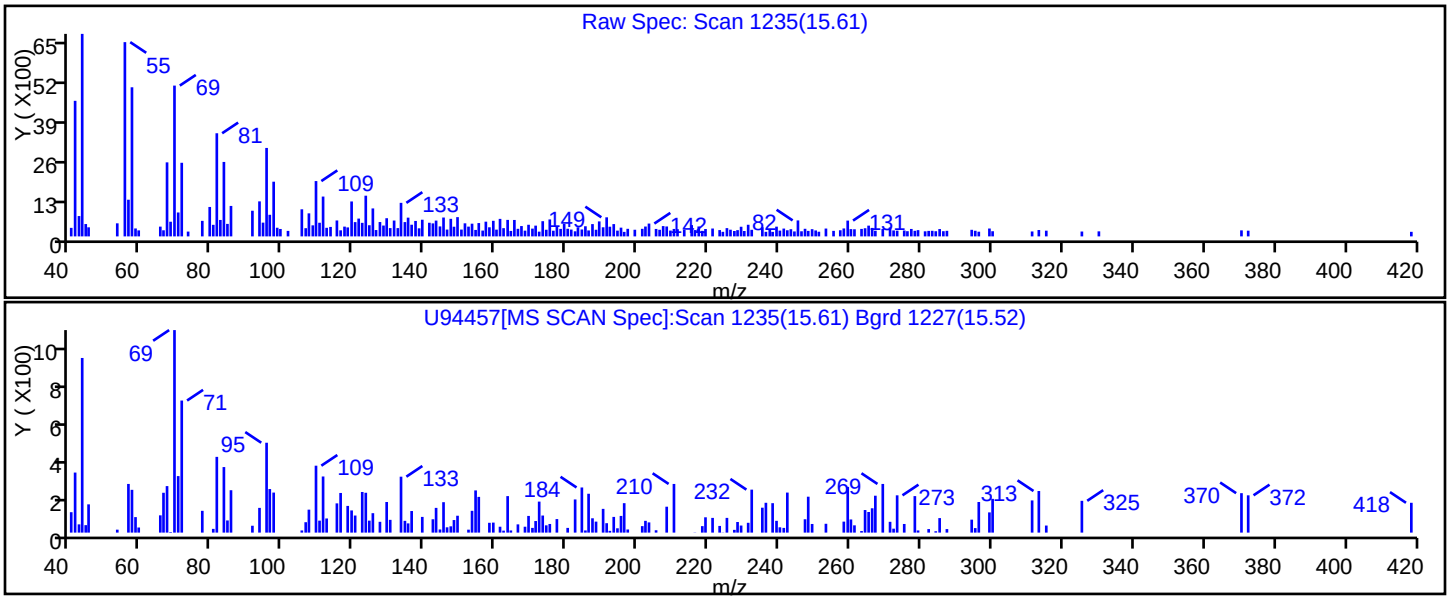


Report Date: 13-Mar-2014 09:17:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D

Injection Date:	12-Mar-2014 02:46:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-5-A	Lab Sample ID:	460-72174-5		
Client ID:	PMP-8SW-VS				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 13-Mar-2014 09:17:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D

Injection Date: 12-Mar-2014 02:46:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-5-A Lab Sample ID: 460-72174-5

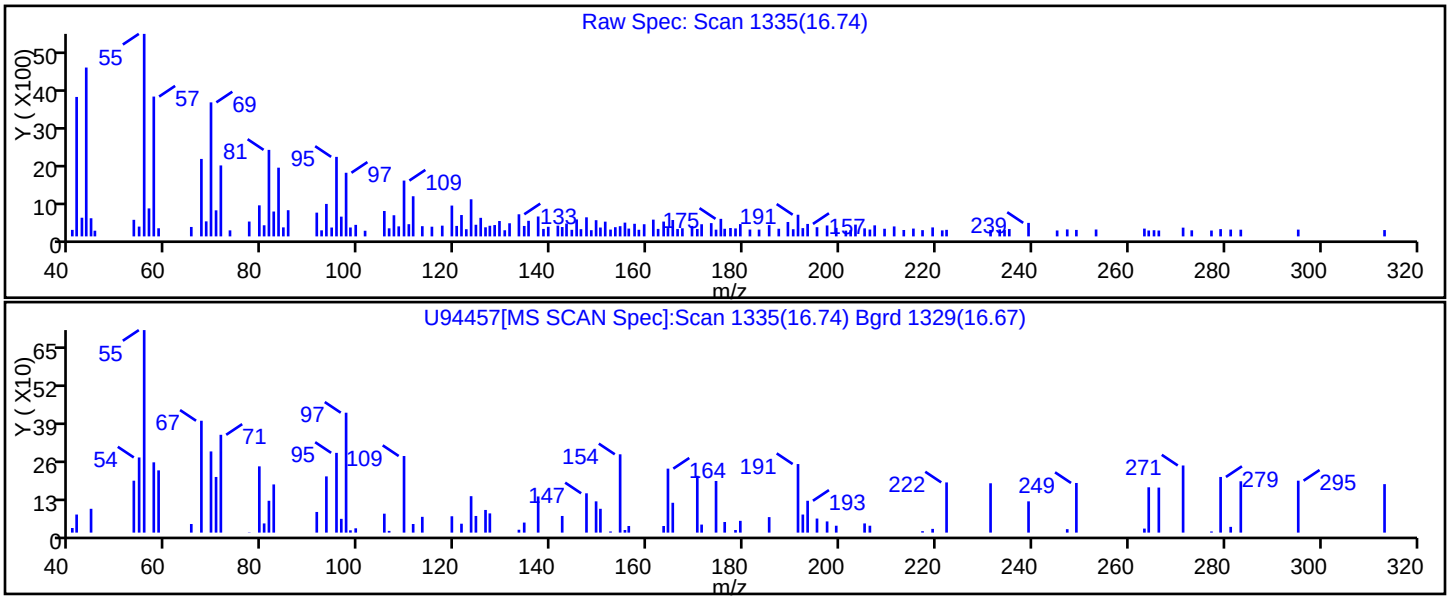
Client ID: PMP-8SW-VS

Operator ID: ALS Bottle#: 30 Worklist Smp#: 30

Injection Vol: 1.0 ul Dil. Factor: 2.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Solution Number of Library Matches Found above the Threshold: 80 Detector MS SCAN



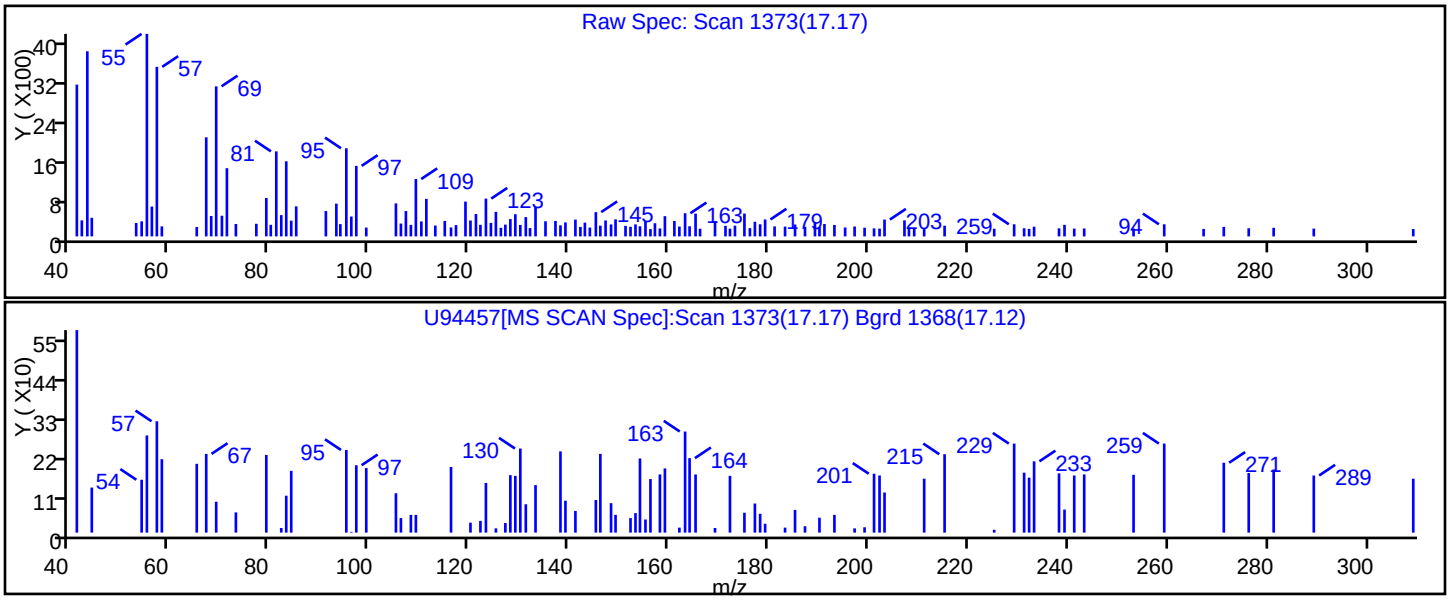
Report Date: 13-Mar-2014 09:17:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D

Injection Date:	12-Mar-2014 02:46:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-5-A	Lab Sample ID:	460-72174-5		
Client ID:	PMP-8SW-VS				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



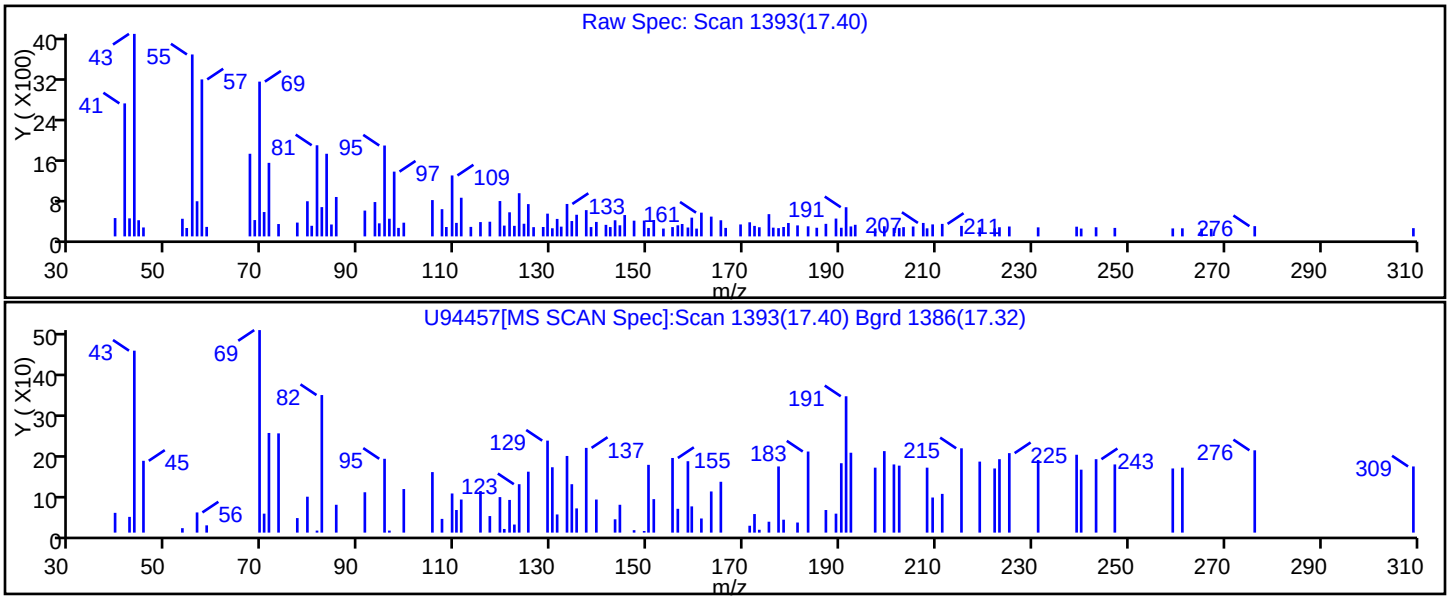
Report Date: 13-Mar-2014 09:17:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94457.D

Injection Date:	12-Mar-2014 02:46:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-5-A	Lab Sample ID:	460-72174-5		
Client ID:	PMP-8SW-VS				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-4SW-VS | Lab Sample ID: 460-72174-6

Matrix: Solid | Lab File ID: U94426.D

Analysis Method: 8270C | Date Collected: 03/06/2014 10:05

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.04(g) | Date Analyzed: 03/11/2014 13:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	48	U	360	48
95-57-8	2-Chlorophenol	47	U	360	47
95-48-7	2-Methylphenol	61	U	360	61
106-44-5	4-Methylphenol	71	U	360	71
100-52-7	Benzaldehyde	42	U	360	42
98-86-2	Acetophenone	55	U	360	55
111-44-4	Bis(2-chloroethyl)ether	4.9	U	36	4.9
108-60-1	2,2'-oxybis[1-chloropropane]	40	U	360	40
621-64-7	N-Nitrosodi-n-propylamine	6.0	U	36	6.0
98-95-3	Nitrobenzene	5.1	U *	36	5.1
67-72-1	Hexachloroethane	4.0	U	36	4.0
78-59-1	Isophorone	43	U	360	43
88-75-5	2-Nitrophenol	40	U	360	40
105-67-9	2,4-Dimethylphenol	89	U	360	89
120-83-2	2,4-Dichlorophenol	52	U	360	52
111-91-1	Bis(2-chloroethoxy)methane	46	U	360	46
91-20-3	Naphthalene	42	U	360	42
106-47-8	4-Chloroaniline	95	U	360	95
87-68-3	Hexachlorobutadiene	8.8	U	73	8.8
105-60-2	Caprolactam	83	U	360	83
59-50-7	4-Chloro-3-methylphenol	54	U	360	54
91-57-6	2-Methylnaphthalene	46	U	360	46
118-74-1	Hexachlorobenzene	4.9	U	36	4.9
77-47-4	Hexachlorocyclopentadiene	42	U	360	42
88-06-2	2,4,6-Trichlorophenol	42	U	360	42
95-95-4	2,4,5-Trichlorophenol	46	U	360	46
92-52-4	Diphenyl	48	U	360	48
91-58-7	2-Chloronaphthalene	40	U	360	40
88-74-4	2-Nitroaniline	150	U	730	150
606-20-2	2,6-Dinitrotoluene	11	U	73	11
131-11-3	Dimethyl phthalate	43	U	360	43
208-96-8	Acenaphthylene	42	U	360	42
99-09-2	3-Nitroaniline	130	U	730	130
83-32-9	Acenaphthene	52	U	360	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-4SW-VS | Lab Sample ID: 460-72174-6

Matrix: Solid | Lab File ID: U94426.D

Analysis Method: 8270C | Date Collected: 03/06/2014 10:05

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.04(g) | Date Analyzed: 03/11/2014 13:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	42	U	360	42
84-66-2	Diethyl phthalate	43	U	360	43
86-73-7	Fluorene	46	U	360	46
206-44-0	Fluoranthene	48	U	360	48
84-74-2	Di-n-butyl phthalate	44	U	360	44
121-14-2	2,4-Dinitrotoluene	12	U	73	12
7005-72-3	4-Chlorophenyl phenyl ether	42	U	360	42
100-01-6	4-Nitroaniline	110	U	730	110
534-52-1	4,6-Dinitro-2-methylphenol	98	U	1100	98
101-55-3	4-Bromophenyl phenyl ether	36	U	360	36
1912-24-9	Atrazine	55	U	360	55
120-12-7	Anthracene	44	U	360	44
86-74-8	Carbazole	42	U	360	42
85-01-8	Phenanthrene	46	U	360	46
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	30	U	360	30
218-01-9	Chrysene	42	U	360	42
207-08-9	Benzo[k]fluoranthene	2.7	U	36	2.7
191-24-2	Benzo[g,h,i]perylene	27	U	360	27
205-99-2	Benzo[b]fluoranthene	2.3	U	36	2.3
50-32-8	Benzo[a]pyrene	2.5	U	36	2.5
56-55-3	Benzo[a]anthracene	2.5	U	36	2.5
86-30-6	N-Nitrosodiphenylamine	35	U	360	35
85-68-7	Butyl benzyl phthalate	33	U	360	33
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	360	120
117-84-0	Di-n-octyl phthalate	23	U	360	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.7	U	36	6.7
53-70-3	Dibenz(a,h)anthracene	4.5	U	36	4.5
91-94-1	3,3'-Dichlorobenzidine	130	U	730	130
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U	360	48
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	360	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-4SW-VS Lab Sample ID: 460-72174-6

Matrix: Solid Lab File ID: U94426.D

Analysis Method: 8270C Date Collected: 03/06/2014 10:05

Extract. Method: 3541 Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.04(g) Date Analyzed: 03/11/2014 13:17

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 8.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	81		40-106
4165-62-2	Phenol-d5	87		44-104
1718-51-0	Terphenyl-d14	91		41-145
118-79-6	2,4,6-Tribromophenol	87		19-114
367-12-4	2-Fluorophenol	85		39-103
321-60-8	2-Fluorobiphenyl	94		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-4SW-VS | Lab Sample ID: 460-72174-6

Matrix: Solid | Lab File ID: U94426.D

Analysis Method: 8270C | Date Collected: 03/06/2014 10:05

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.04(g) | Date Analyzed: 03/11/2014 13:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 43800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
88-73-3	Benzene, 1-chloro-2-nitro-	6.04	1400	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.38	2300	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.83	2000	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	9.01	1800	J N
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	9.25	4000	J N
41464-41-9	1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	9.32	1200	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	9.40	1300	J N
41464-42-0	1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	9.52	2900	J N
52663-58-8	1,1'-Biphenyl, 2,3,4',6-tetrachloro-	9.55	2600	J N
41464-49-7	1,1'-Biphenyl, 2,3,3',5'-tetrachloro-	9.59	1600	J N
41464-48-6	1,1'-Biphenyl, 3,3',4,5'-tetrachloro-	9.69	2800	J N
70362-46-8	1,1'-Biphenyl, 2,2',3,5-Tetrachloro-	9.71	1500	J N
32598-10-0	1,1'-Biphenyl, 2,3',4,4'-tetrachloro-	9.79	3400	J N
15968-05-5	1,1'-Biphenyl, 2,2',6,6'-tetrachloro-	9.98	1500	J N
33025-41-1	1,1'-Biphenyl, 2,3,4,4'-tetrachloro-	10.04	5800	J N
33284-53-6	1,1'-Biphenyl, 2,3,4,5-tetrachloro-	10.16	2500	J N
38380-03-9	1,1'-Biphenyl, 2,3,3',4',6-pentachloro-	10.21	1400	J N
39485-83-1	1,1'-Biphenyl, 2,2',4,4',6-Pentachloro-	10.71	1400	J N
41464-51-1	1,1'-Biphenyl, 2,2',3',4,5-Pentachloro-	10.94	1300	J N
33979-03-2	1,1'-Biphenyl, 2,2',4,4',6,6'-hexachloro	11.13	1100	J N

Report Date: 13-Mar-2014 10:52:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94426.D
Lims ID: 460-72174-E-6-A Lab Sample ID: 460-72174-6
Client ID: PMP-4SW-VS
Sample Type: Client
Inject. Date: 11-Mar-2014 13:17:30 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-023
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 10:52:46 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 13-Mar-2014 10:52:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.142	3.116	0.015	87	223591	42.7	
$ 6 Phenol-d5	99	4.052	4.057	-0.019	70	274262	43.3	
* 13 1,4-Dichlorobenzene-d4	152	4.414	4.430	-0.016	94	119798	40.0	
$ 25 Nitrobenzene-d5	82	4.975	4.986	-0.015	90	270767	40.3	
* 35 Naphthalene-d8	136	5.697	5.701	-0.004	100	545946	40.0	
36 Naphthalene	128	5.709	5.720	-0.015	40	6742	0.4804	
41 2-Methylnaphthalene	142	6.409	6.407	-0.003	76	4647	0.5806	
$ 48 2-Fluorobiphenyl	172	6.770	6.781	-0.015	97	325320	46.8	
* 61 Acenaphthene-d10	164	7.446	7.451	-0.005	92	203778	40.0	
$ 76 2,4,6-Tribromophenol	330	8.218	8.225	-0.012	84	34170	43.6	
* 83 Phenanthrene-d10	188	8.902	8.917	-0.015	98	239903	40.0	
90 Pyrene	202	10.319	10.318	-0.014	75	1262	0.2377	
$ 91 Terphenyl-d14	244	10.476	10.468	-0.007	97	177526	45.5	
* 96 Chrysene-d12	240	11.673	11.690	-0.017	96	167947	40.0	
* 103 Perylene-d12	264	13.612	13.619	-0.007	99	205921	40.0	

Report Date: 13-Mar-2014 10:52:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94426.D
Lims ID: 460-72174-E-6-A Lab Sample ID: 460-72174-6
Client ID: PMP-4SW-VS
Sample Type: Client
Inject. Date: 11-Mar-2014 13:17:30 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-023
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 10:52:46 Calib Date: 27-Feb-2014 14:00:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 13-Mar-2014 10:52:45

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
88-73-3 Benzene, 1-chloro-2-nitro-								
6.036	618723	19.5	35	97	27936	C6H4ClNO2	157	
1921-70-6 Pentadecane, 2,6,10,14-tetramethyl-								
8.375	722497	32.1	83	97	99493	C19H40	268	
638-36-8 Hexadecane, 2,6,10,14-tetramethyl-								
8.834	615809	27.4	83	91	107666	C20H42	282	
16606-02-3 1,1'-Biphenyl, 2,4',5-trichloro-								
9.014	557531	24.8	83	98	91788	C12H7Cl3	256	
7012-37-5 1,1'-Biphenyl, 2,4,4'-trichloro-								
9.250	1252607	55.6	83	98	91791	C12H7Cl3	256	
41464-41-9 1,1'-Biphenyl, 2,2',5,6-Tetrachloro-								
9.318	388962	17.3	83	99	111715	C12H6Cl4	290	
16606-02-3 1,1'-Biphenyl, 2,4',5-trichloro-								
9.396	418307	18.6	83	96	91788	C12H7Cl3	256	
41464-42-0 1,1'-Biphenyl, 2,3',5,5'-tetrachloro-								
9.520	902324	40.1	83	99	111730	C12H6Cl4	290	
52663-58-8 1,1'-Biphenyl, 2,3,4',6-tetrachloro-								
9.554	799272	35.5	83	99	111709	C12H6Cl4	290	
41464-49-7 1,1'-Biphenyl, 2,3,3',5'-tetrachloro-								
9.588	496494	22.1	83	99	111726	C12H6Cl4	290	
41464-48-6 1,1'-Biphenyl, 3,3',4,5'-tetrachloro-								
9.688	885598	39.3	83	99	111732	C12H6Cl4	290	
70362-46-8 1,1'-Biphenyl, 2,2',3,5-Tetrachloro-								
9.711	465480	20.7	83	91	111708	C12H6Cl4	290	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
32598-10-0 1,1'-Biphenyl, 2,3',4,4'-tetrachloro-								
9.790	1069534	47.5	83	99	111728	C12H6Cl4	290	
15968-05-5 1,1'-Biphenyl, 2,2',6,6'-tetrachloro-								
9.981	466795	20.7	83	98	111727	C12H6Cl4	290	
33025-41-1 1,1'-Biphenyl, 2,3,4,4'-tetrachloro-								
10.038	1806297	80.2	83	99	111714	C12H6Cl4	290	
33284-53-6 1,1'-Biphenyl, 2,3,4,5-tetrachloro-								
10.161	763905	33.9	83	99	111705	C12H6Cl4	290	
38380-03-9 1,1'-Biphenyl, 2,3,3',4',6-pentachloro-								
10.206	421821	18.7	83	99	129488	C12H5Cl5	324	
39485-83-1 1,1'-Biphenyl, 2,2',4,4',6-Pentachloro-								
10.712	268263	19.1	96	99	129504	C12H5Cl5	324	
41464-51-1 1,1'-Biphenyl, 2,2',3',4,5-Pentachloro-								
10.936	251032	17.9	96	98	129510	C12H5Cl5	324	
33979-03-2 1,1'-Biphenyl, 2,2',4,4',6,6'-hexachloro								
11.127	213037	15.2	96	99	143903	C12H4Cl6	358	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 35 Naphthalene-d8	5.697	1269860	40.0
* 83 Phenanthrene-d10	8.902	900551	40.0
* 96 Chrysene-d12	11.673	561213	40.0

QC Flag Legend

Processing Flags

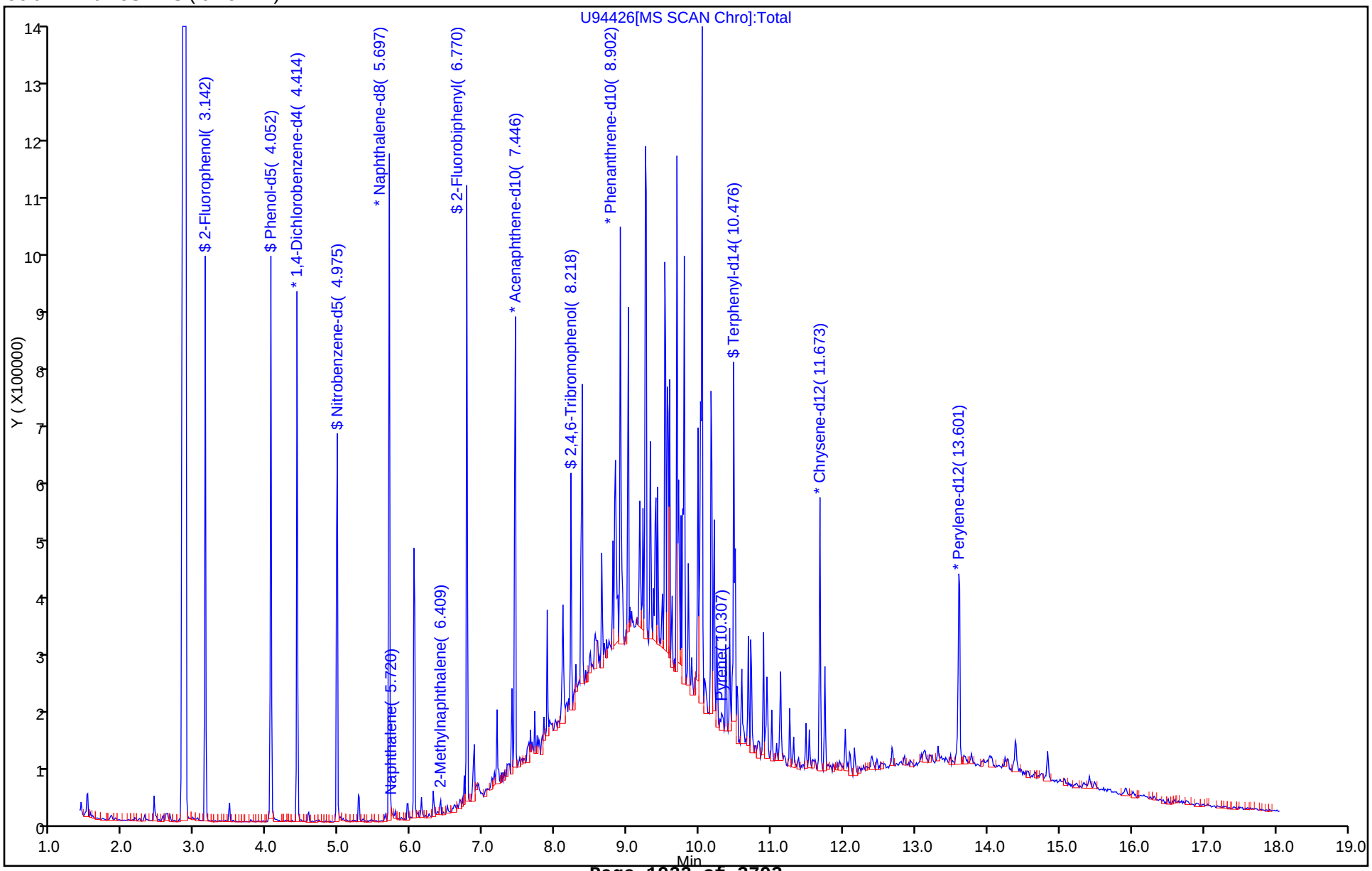
Report Date: 13-Mar-2014 10:52:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94426.D

Injection Date:	11-Mar-2014 13:17:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-72174-E-6-A	Lab Sample ID:	460-72174-6	Worklist Smp#:	23
Client ID:	PMP-4SW-VS				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8270_4R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 13-Mar-2014 10:52:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94426.D

Injection Date: 11-Mar-2014 13:17:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

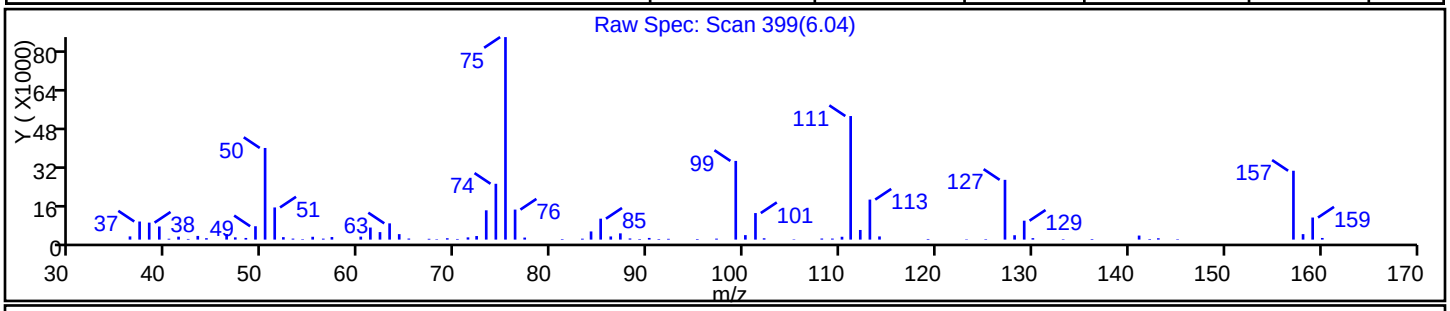
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

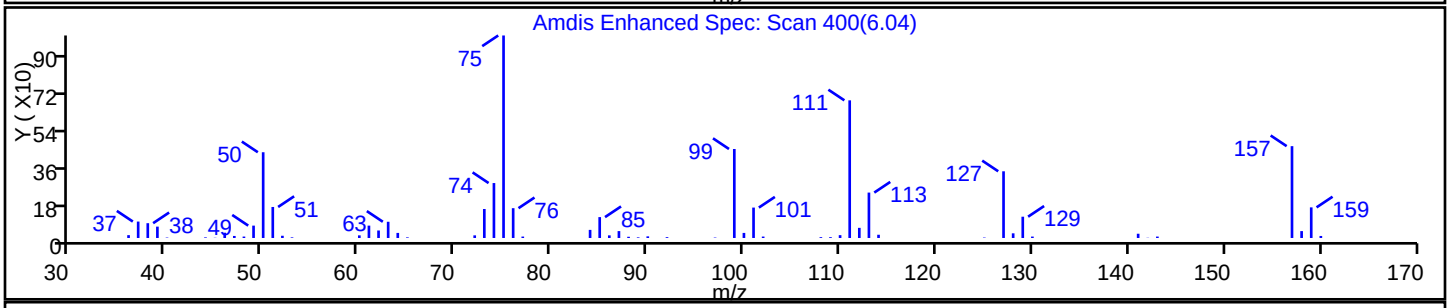
Injection Vol: 1.0 ul Dil. Factor: 1.0000

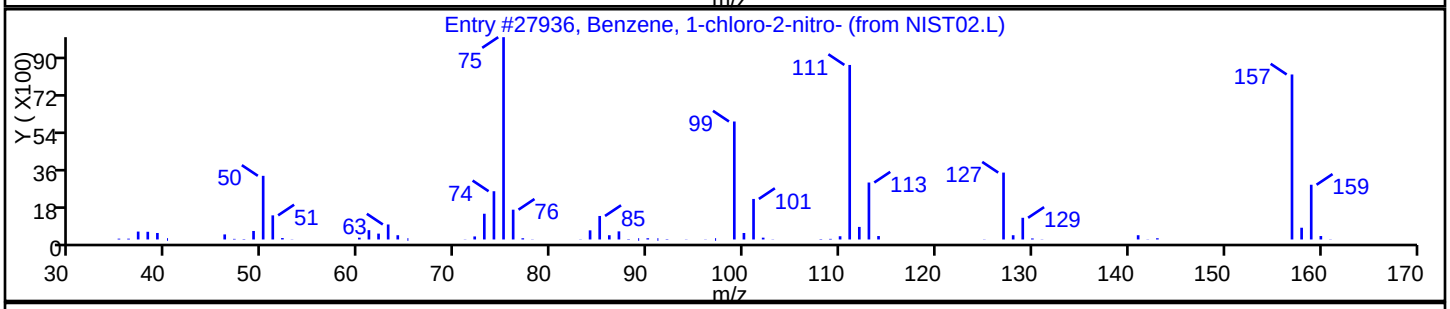
Method: 8270_4R Limit Group: SV 8270 ICAL

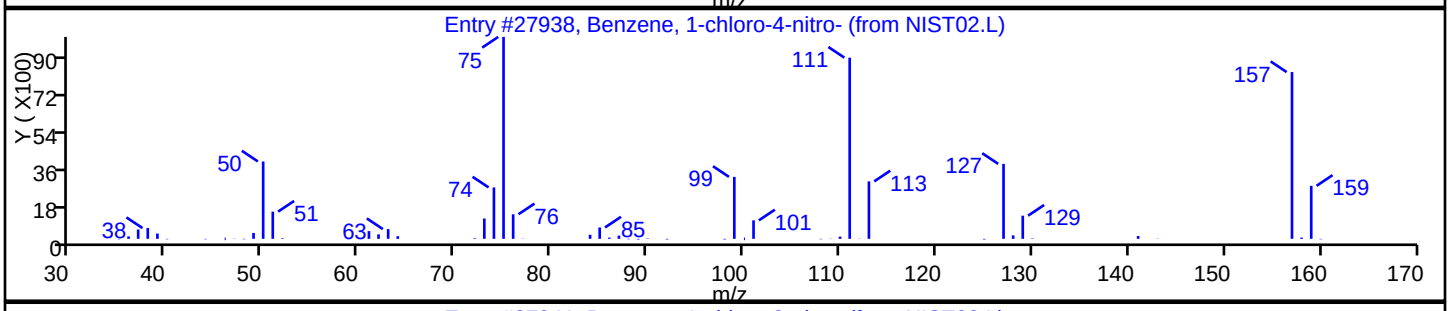
Column: Detector MS SCAN

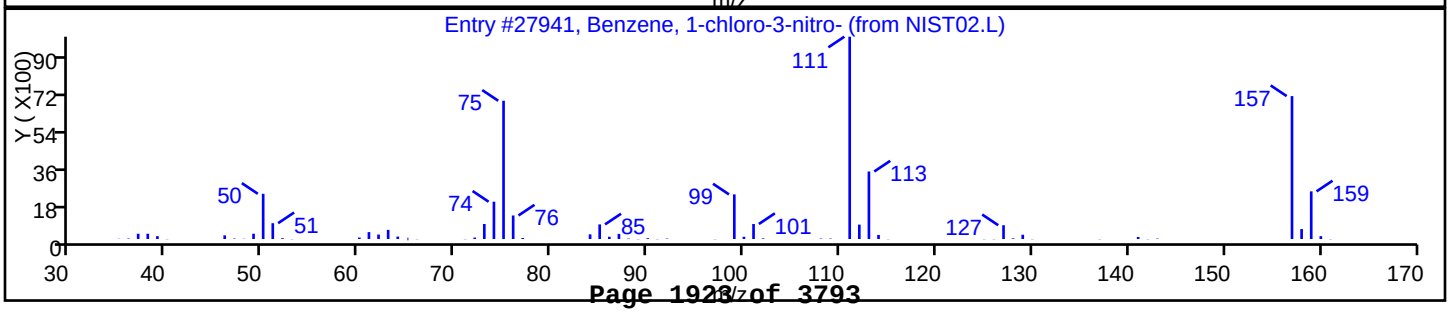
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.L	27936	C6H4ClNO2	157	97
Benzene, 1-chloro-4-nitro-	100-00-5	NIST02.L	27938	C6H4ClNO2	157	97
Benzene, 1-chloro-3-nitro-	121-73-3	NIST02.L	27941	C6H4ClNO2	157	93











Report Date: 13-Mar-2014 10:52:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94426.D

Injection Date: 11-Mar-2014 13:17:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

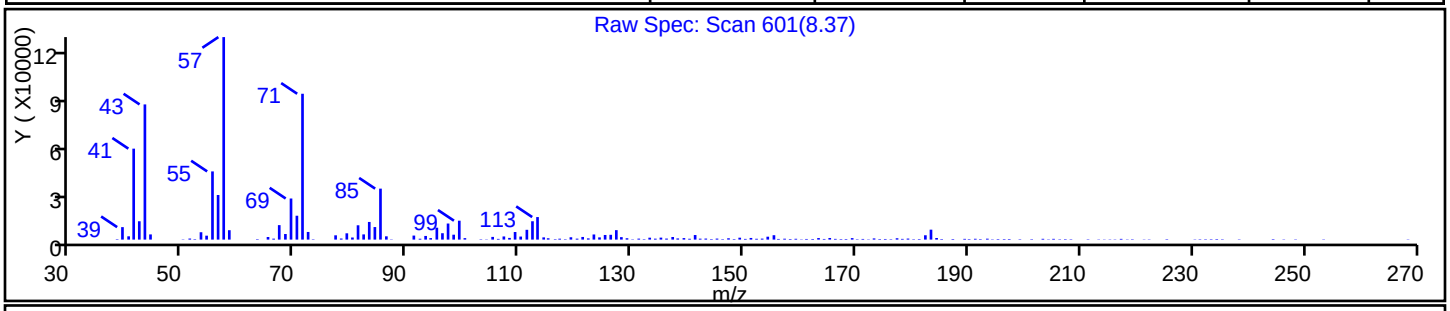
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

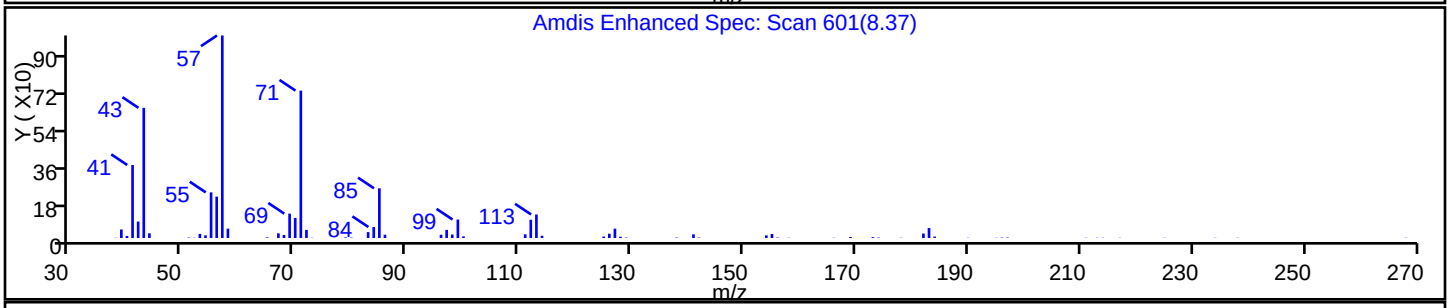
Injection Vol: 1.0 ul Dil. Factor: 1.0000

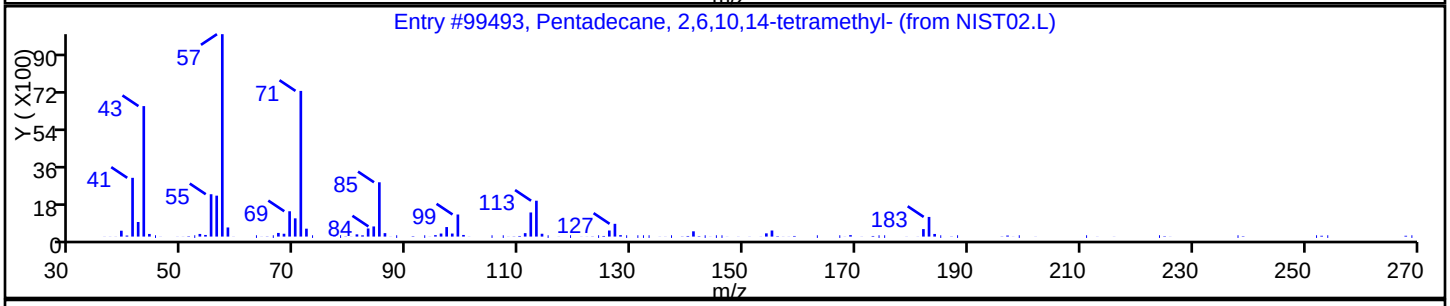
Method: 8270_4R Limit Group: SV 8270 ICAL

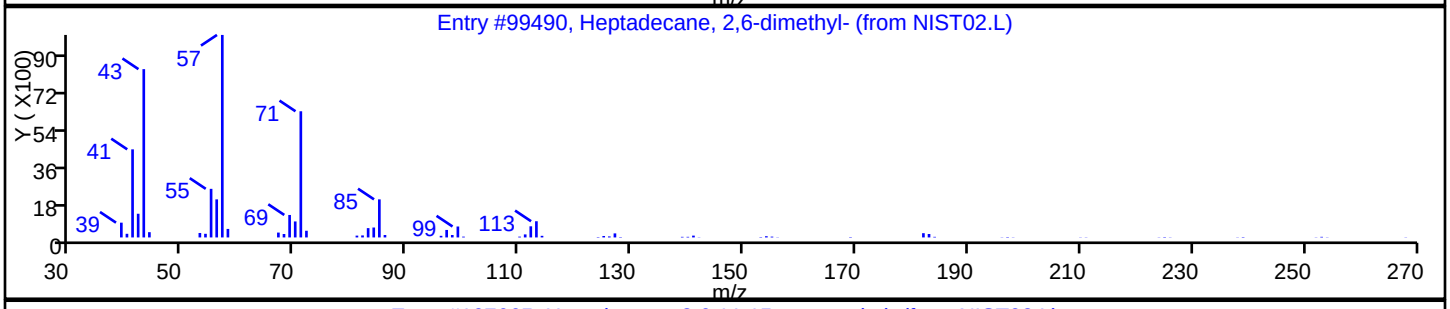
Column: Detector MS SCAN

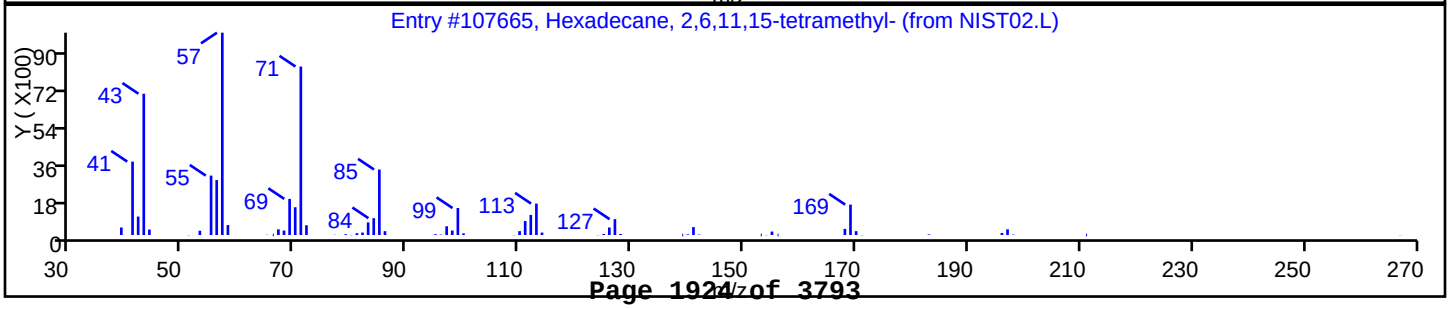
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99493	C19H40	268	97
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	C19H40	268	94
Hexadecane, 2,6,11,15-tetramethyl-	504-44-9	NIST02.L	107665	C20H42	282	91











Report Date: 13-Mar-2014 10:52:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94426.D

Injection Date: 11-Mar-2014 13:17:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

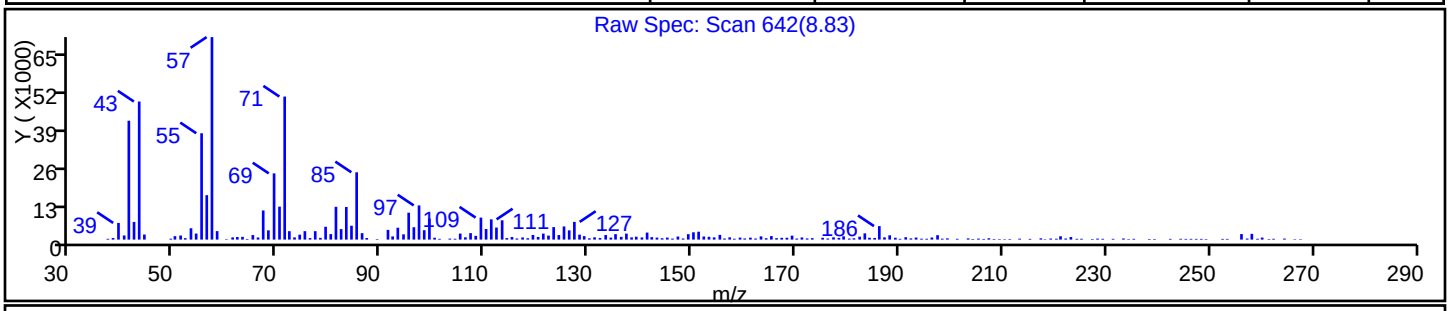
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

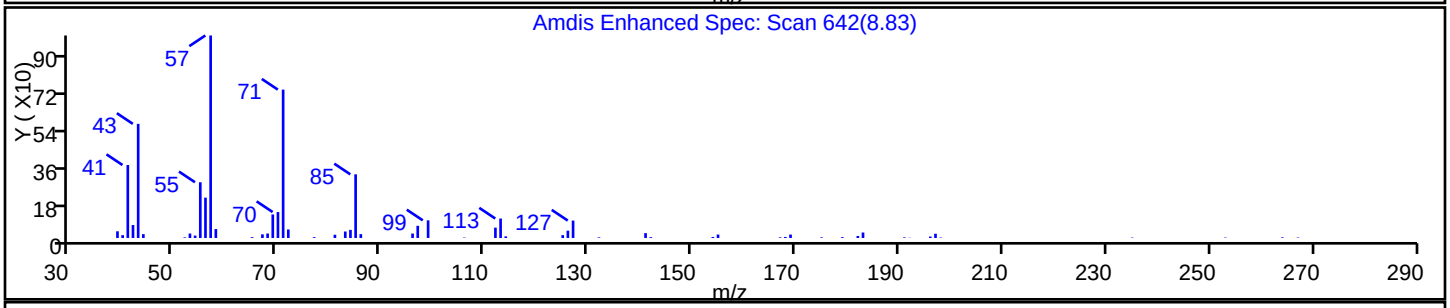
Injection Vol: 1.0 ul Dil. Factor: 1.0000

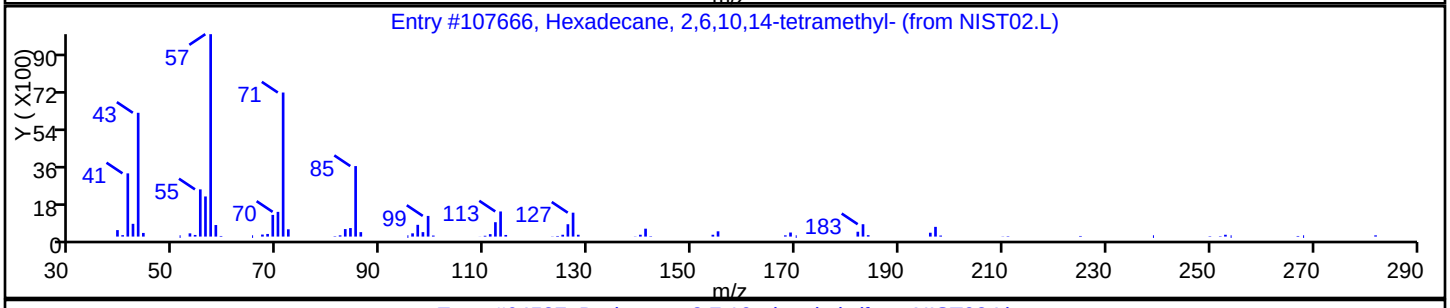
Method: 8270_4R Limit Group: SV 8270 ICAL

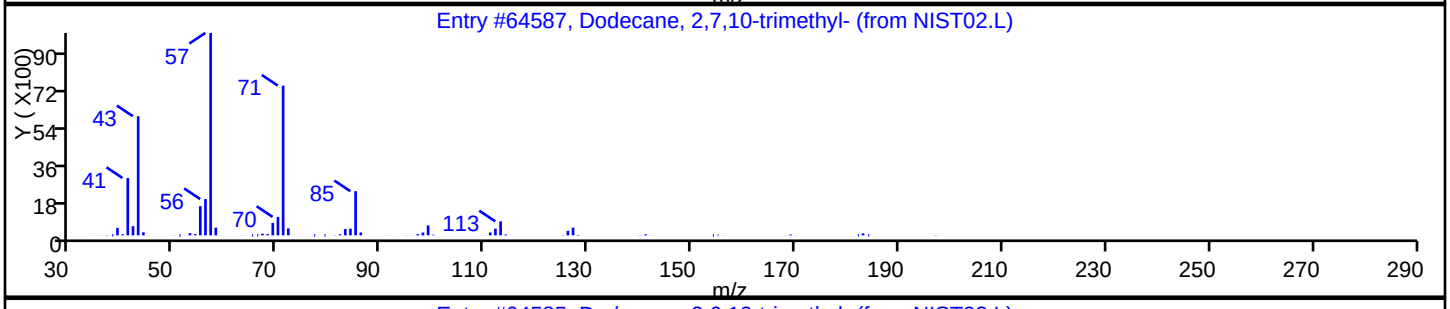
Column: Detector MS SCAN

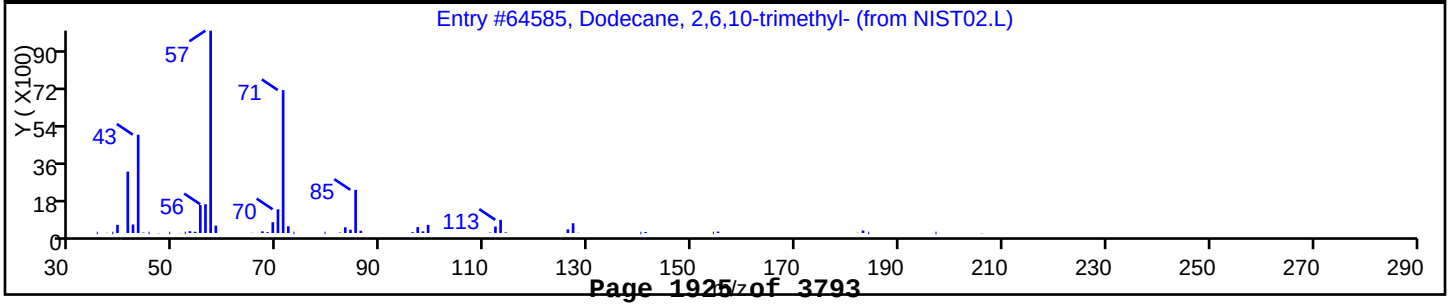
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107666	C20H42	282	91
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	90
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64585	C15H32	212	90











Report Date: 13-Mar-2014 10:52:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94426.D

Injection Date: 11-Mar-2014 13:17:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

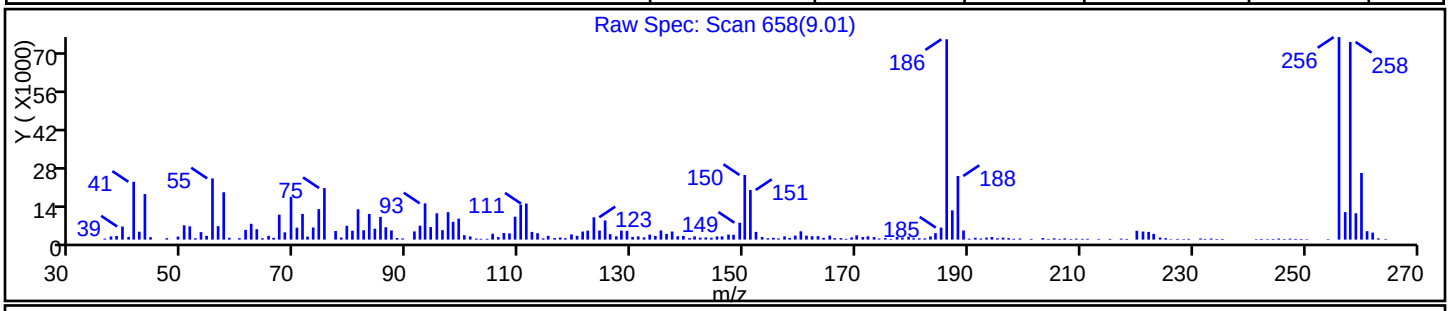
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

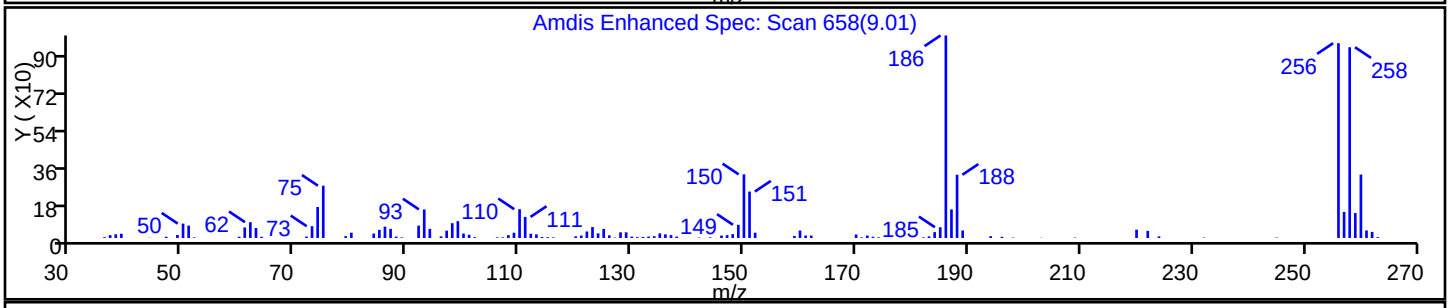
Injection Vol: 1.0 ul Dil. Factor: 1.0000

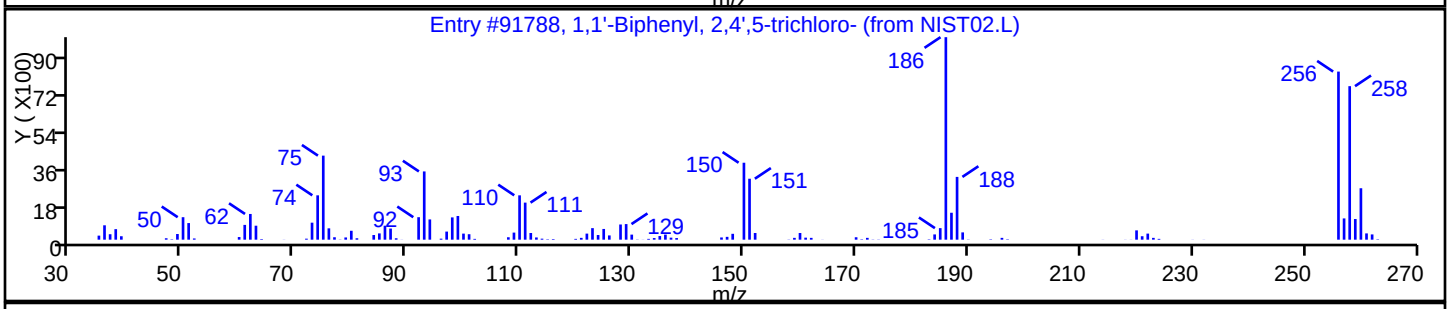
Method: 8270_4R Limit Group: SV 8270 ICAL

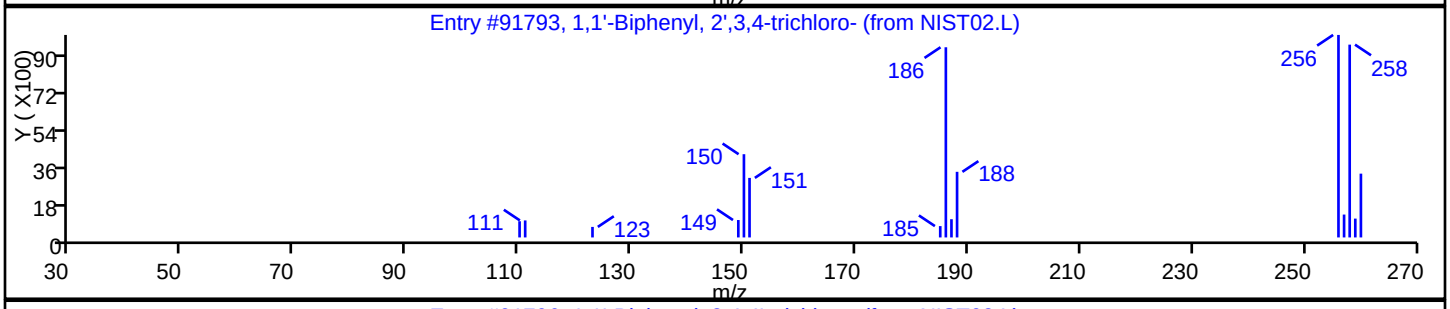
Column: Detector MS SCAN

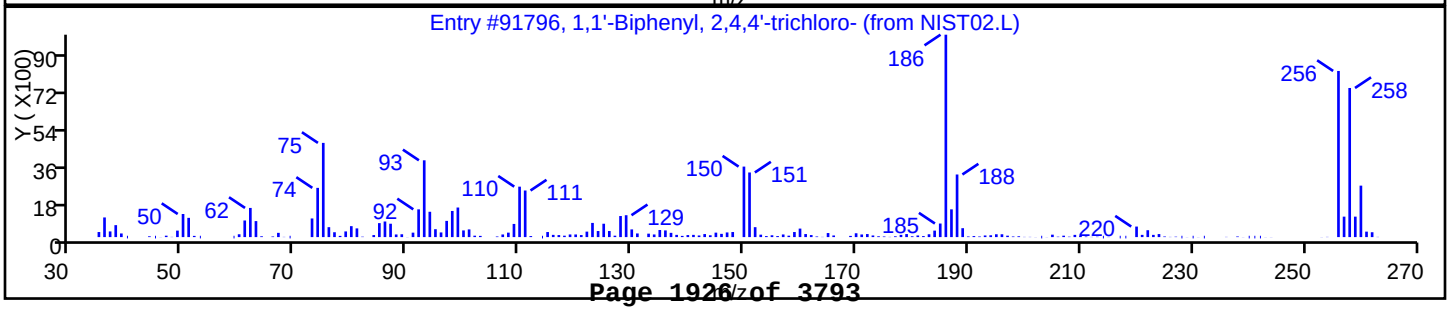
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	98
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	98
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91796	C12H7Cl3	256	95











Report Date: 13-Mar-2014 10:52:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94426.D

Injection Date: 11-Mar-2014 13:17:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

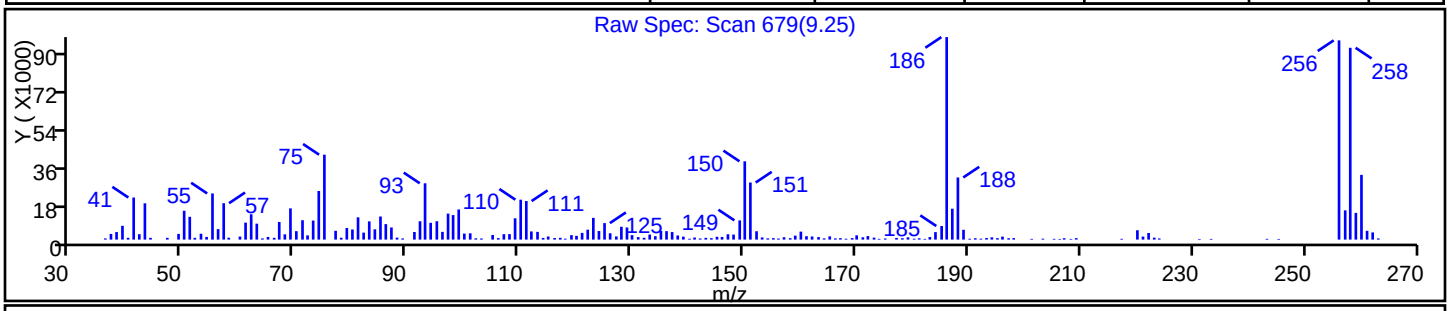
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

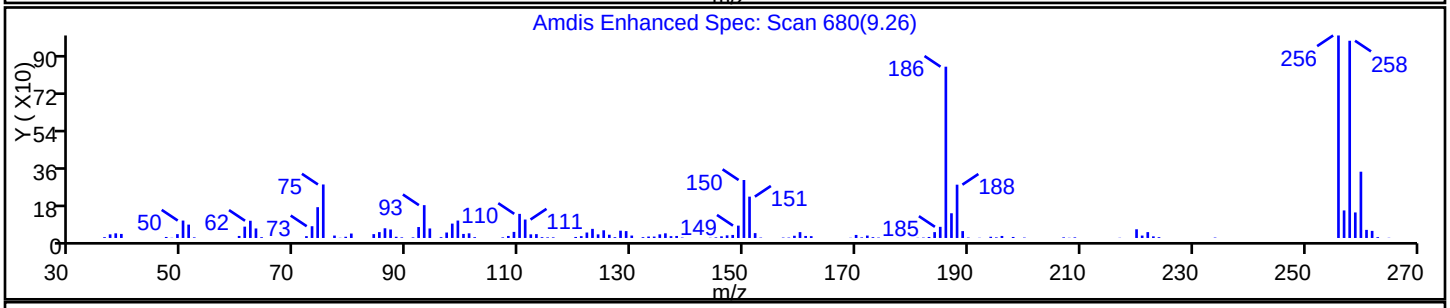
Injection Vol: 1.0 ul Dil. Factor: 1.0000

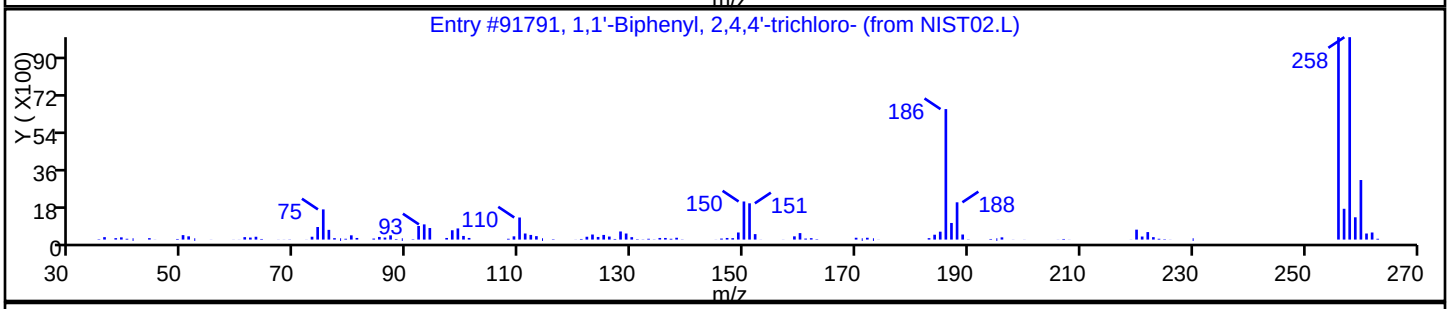
Method: 8270_4R Limit Group: SV 8270 ICAL

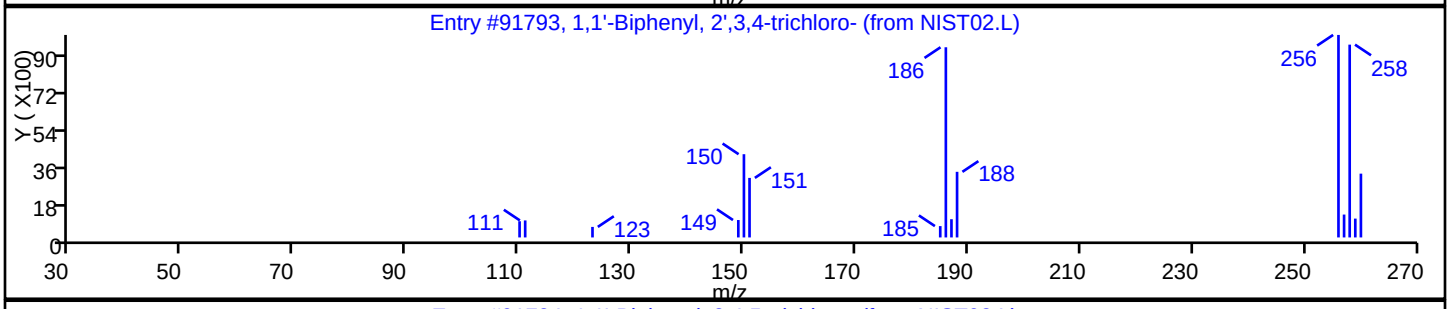
Column: Detector MS SCAN

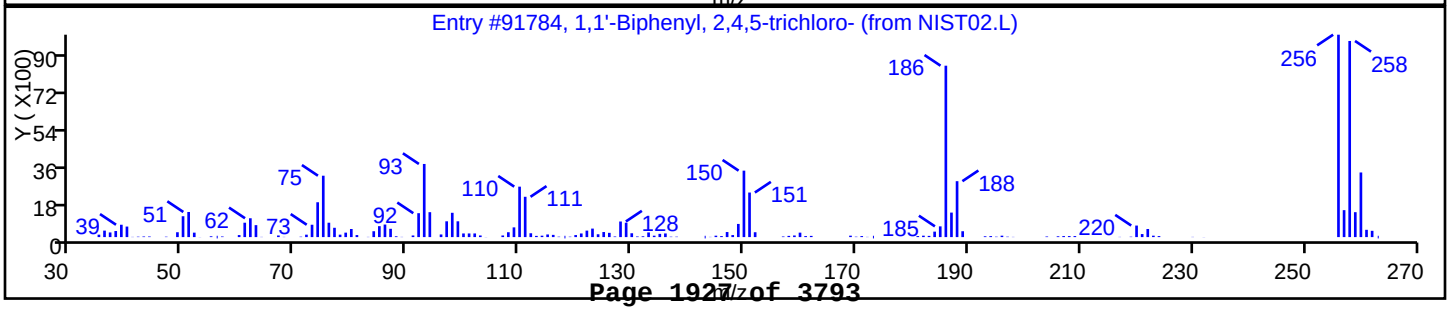
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	98
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	98
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.L	91784	C12H7Cl3	256	98











Report Date: 13-Mar-2014 10:52:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94426.D

Injection Date: 11-Mar-2014 13:17:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

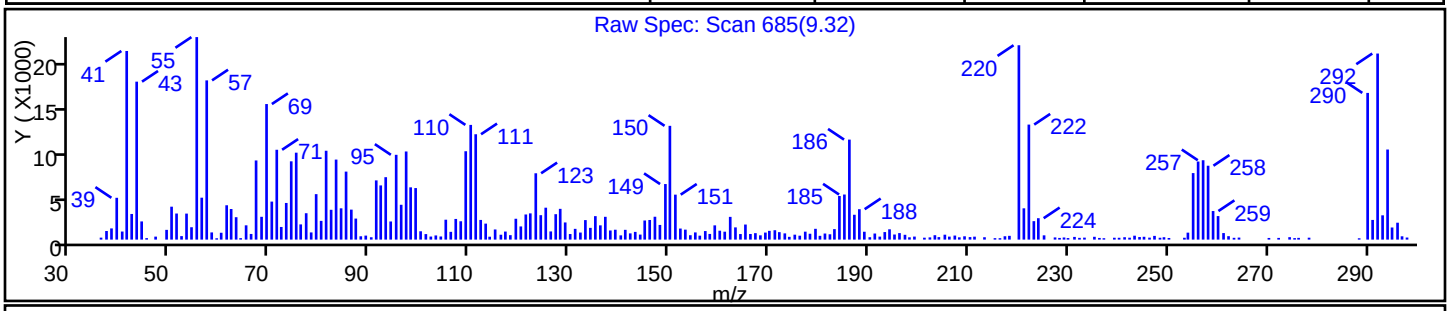
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

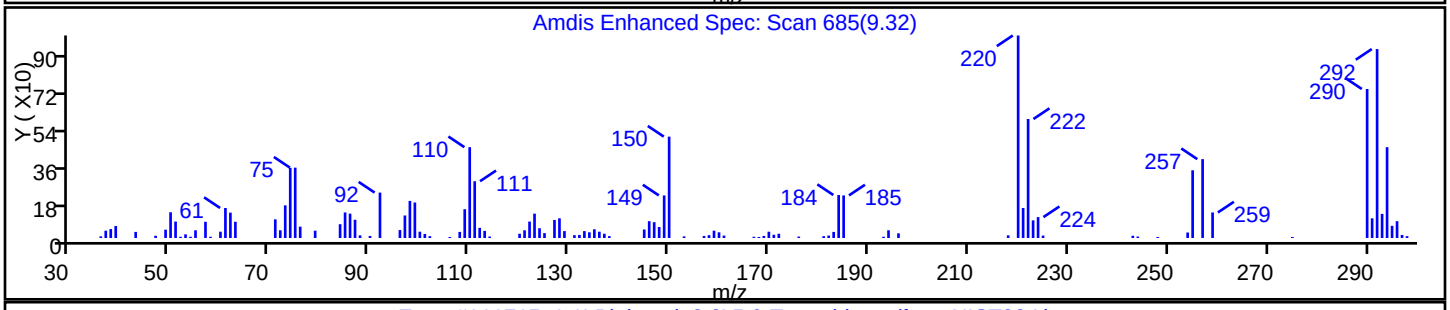
Injection Vol: 1.0 ul Dil. Factor: 1.0000

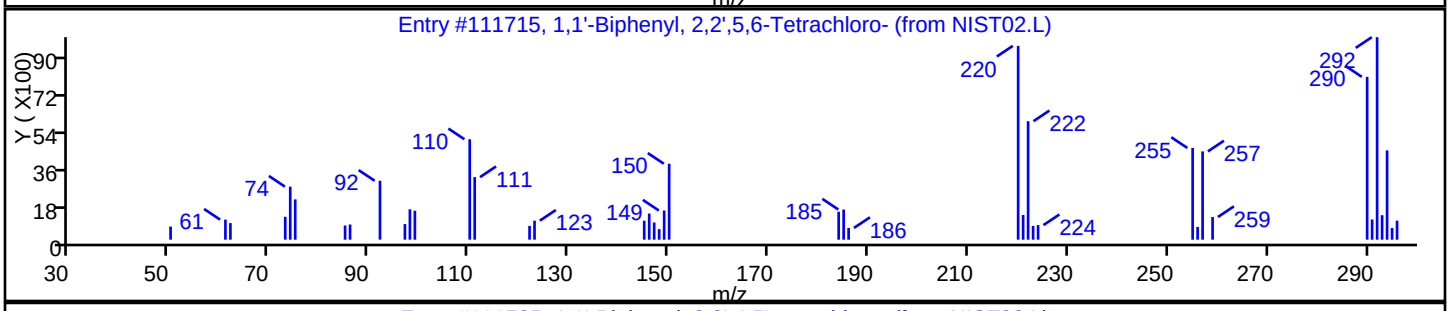
Method: 8270_4R Limit Group: SV 8270 ICAL

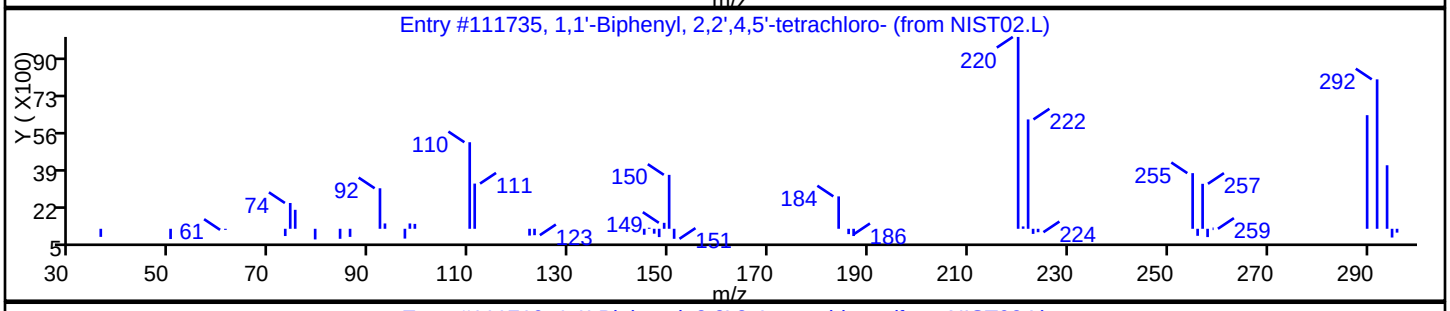
Column: Detector MS SCAN

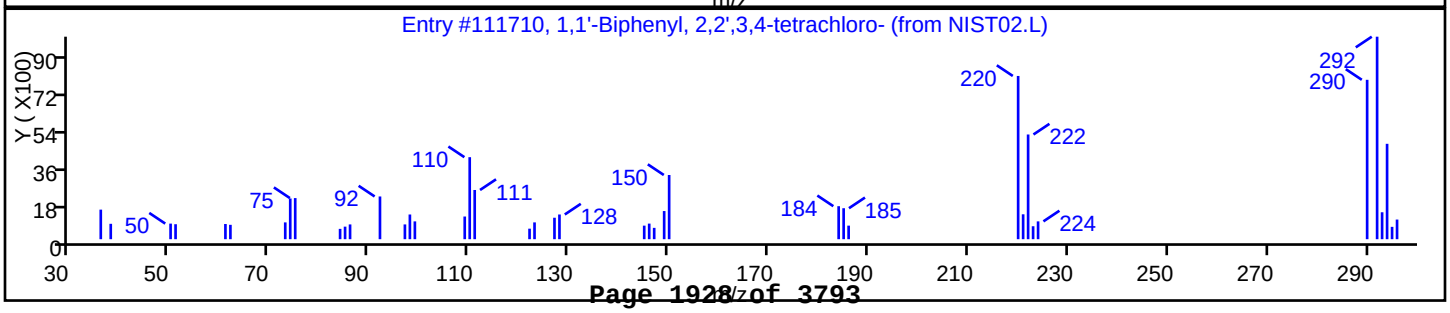
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	41464-41-9	NIST02.L	111715	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	41464-40-8	NIST02.L	111735	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',3,4-tetrachloro-	52663-59-9	NIST02.L	111710	C12H6Cl4	290	99











Report Date: 13-Mar-2014 10:52:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94426.D

Injection Date: 11-Mar-2014 13:17:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

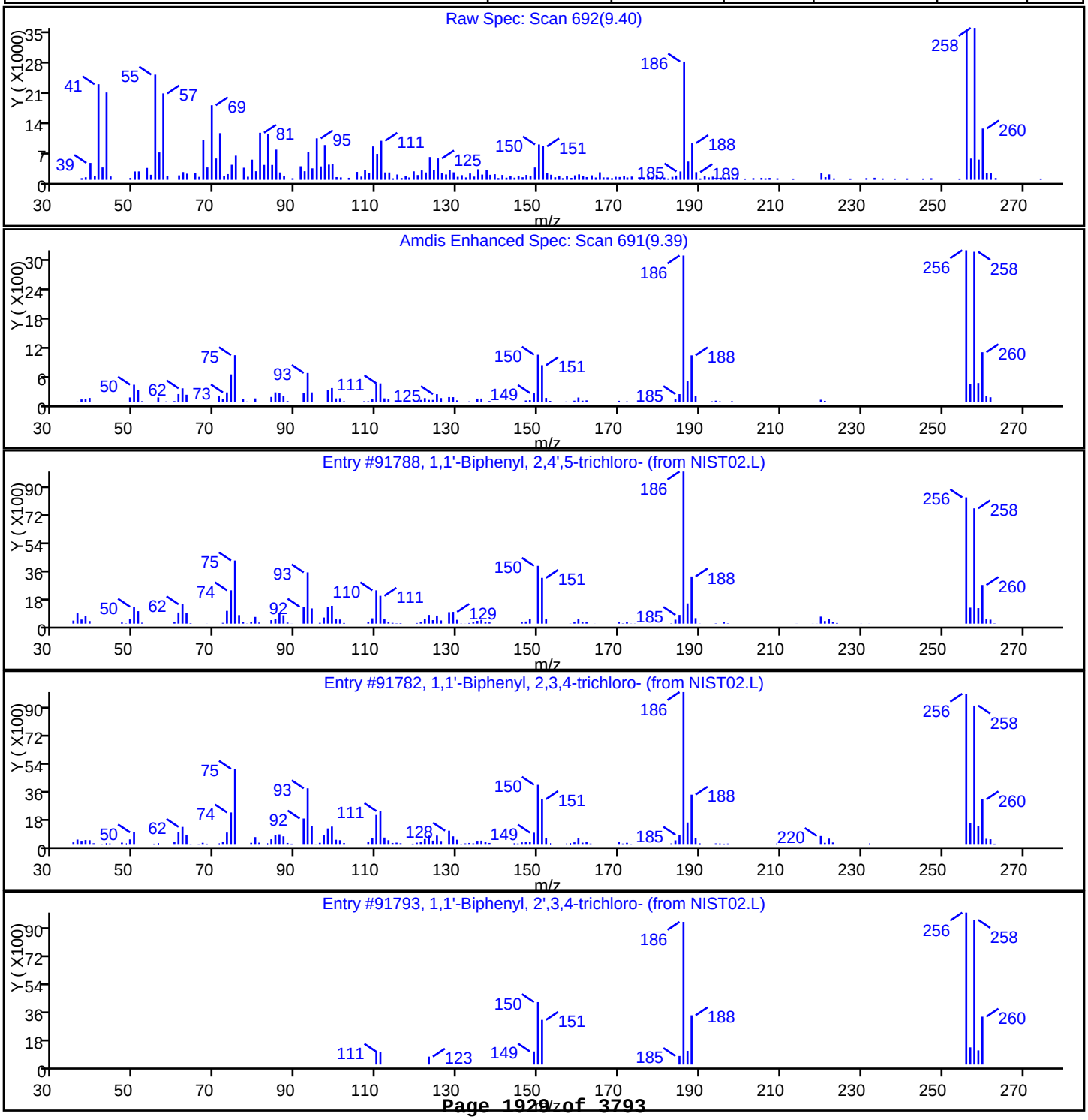
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	96
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	C12H7Cl3	256	96
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	95



Report Date: 13-Mar-2014 10:52:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94426.D

Injection Date: 11-Mar-2014 13:17:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

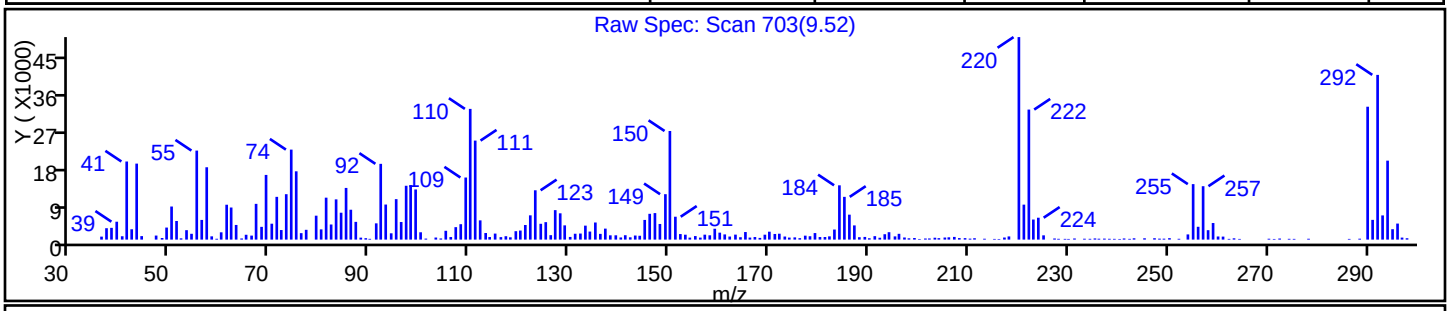
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

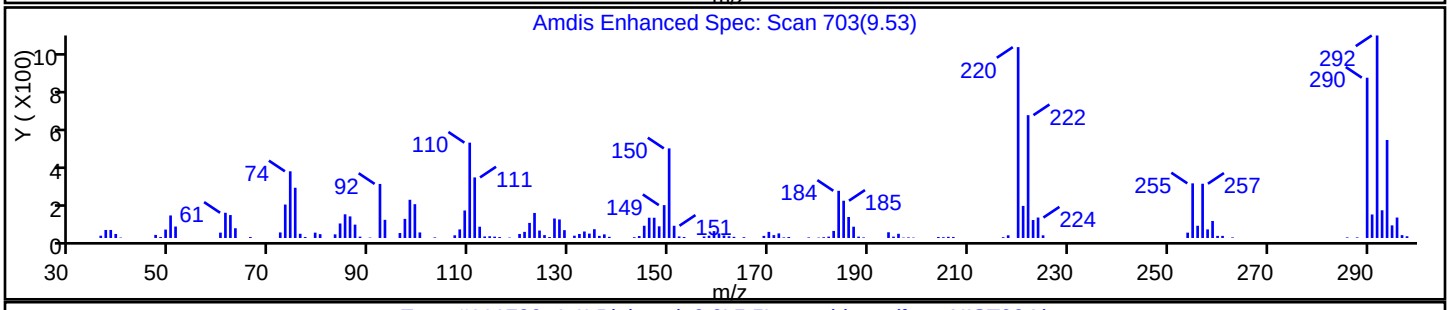
Injection Vol: 1.0 ul Dil. Factor: 1.0000

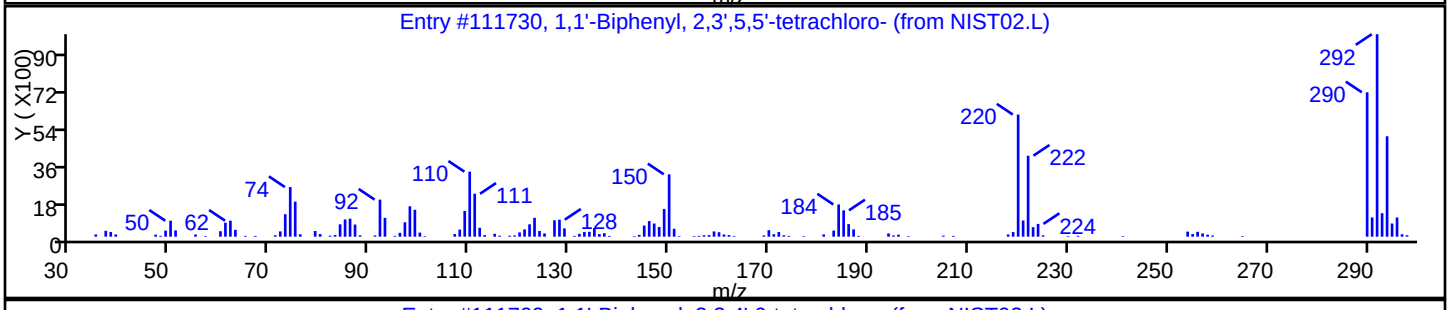
Method: 8270_4R Limit Group: SV 8270 ICAL

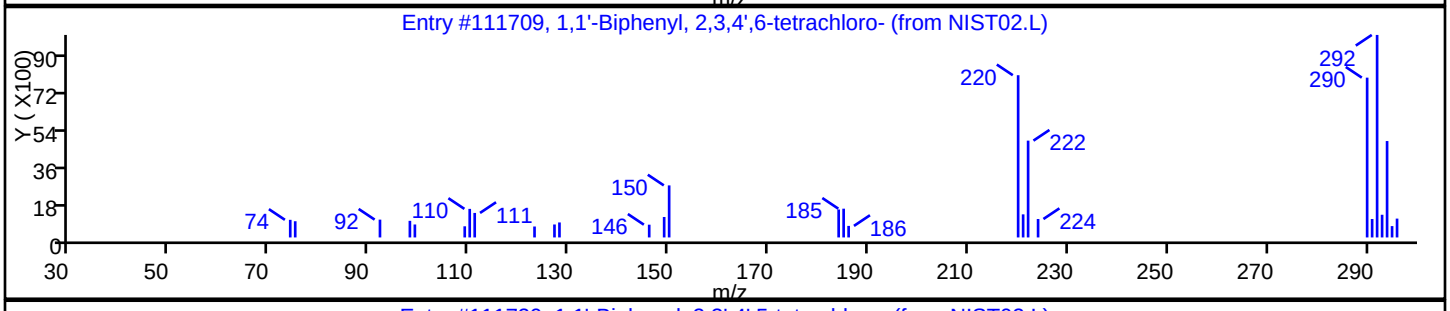
Column: Detector MS SCAN

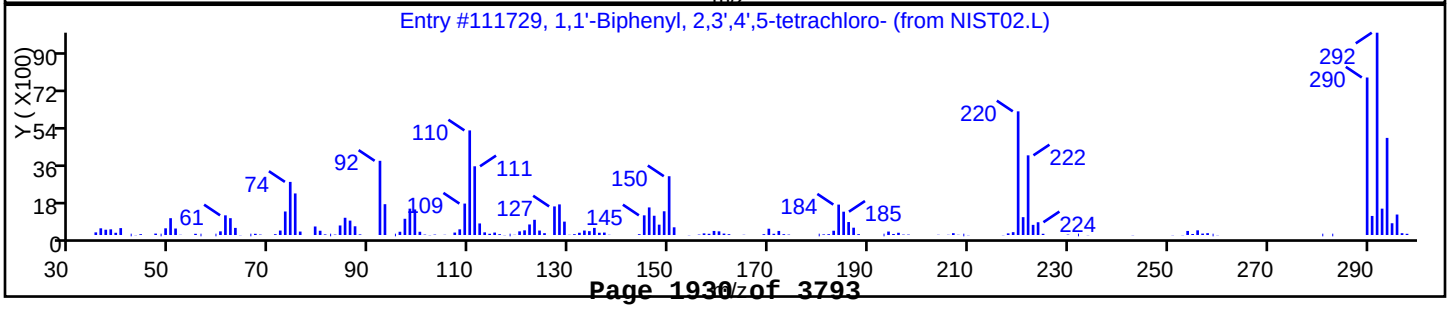
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.L	111730	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',4',5-tetrachloro-	32598-11-1	NIST02.L	111729	C12H6Cl4	290	99











Report Date: 13-Mar-2014 10:52:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94426.D

Injection Date: 11-Mar-2014 13:17:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

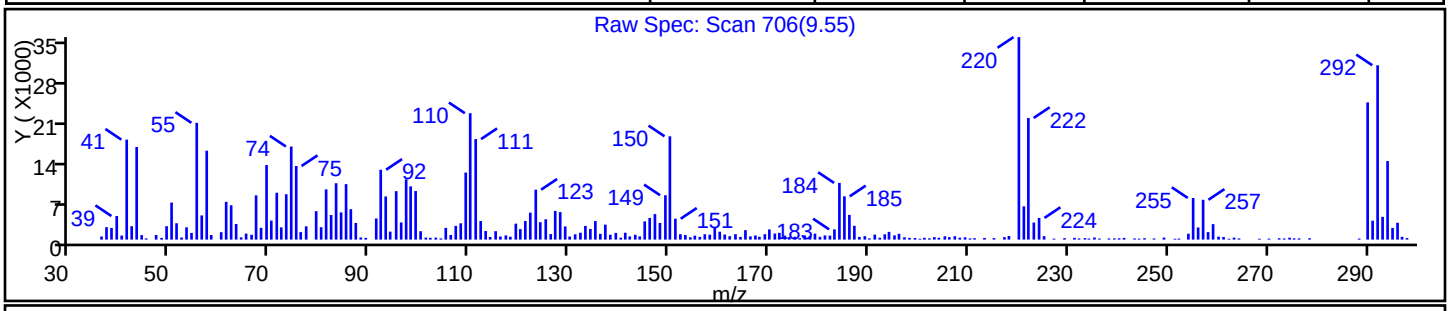
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

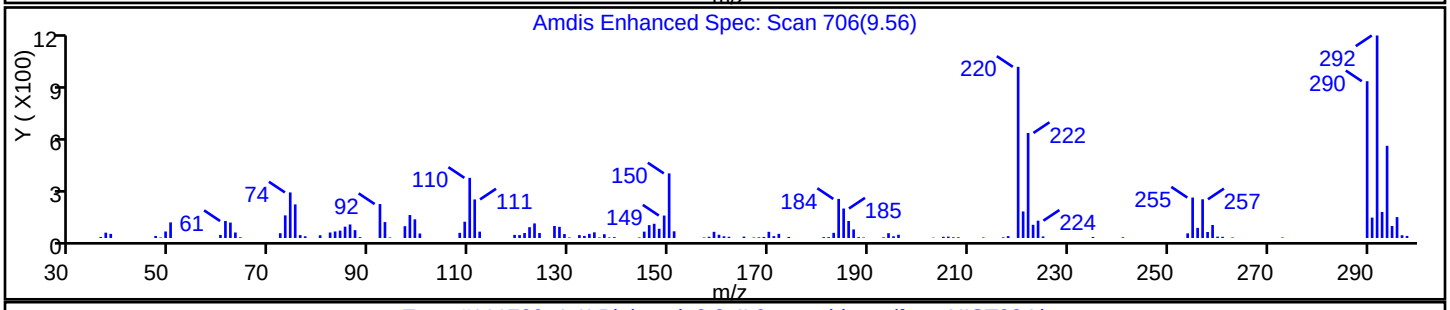
Injection Vol: 1.0 ul Dil. Factor: 1.0000

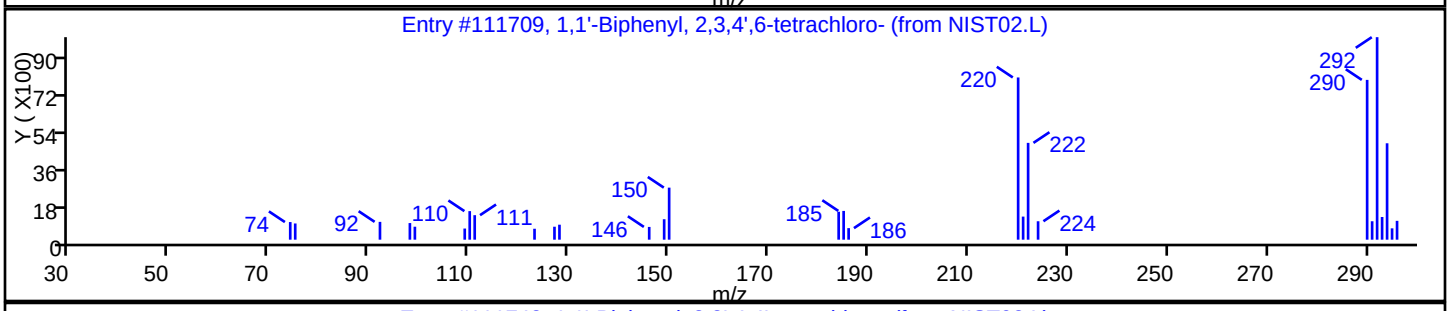
Method: 8270_4R Limit Group: SV 8270 ICAL

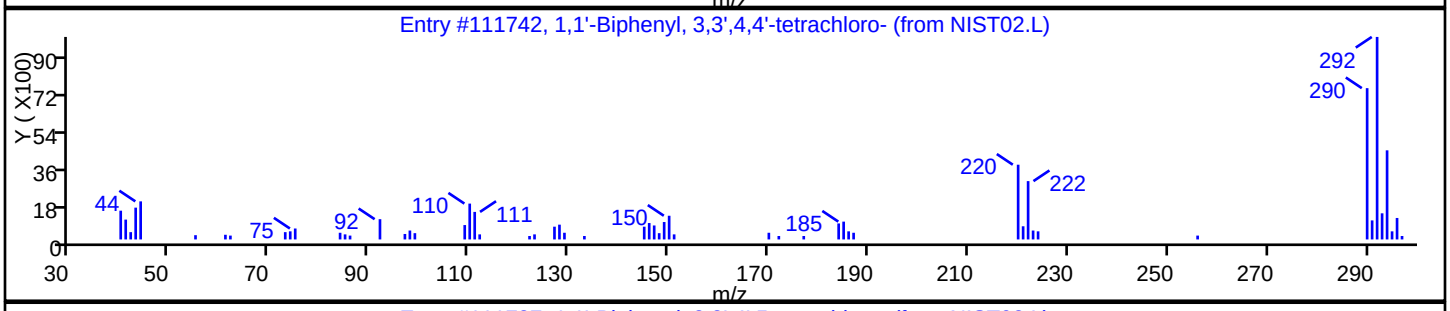
Column: Detector MS SCAN

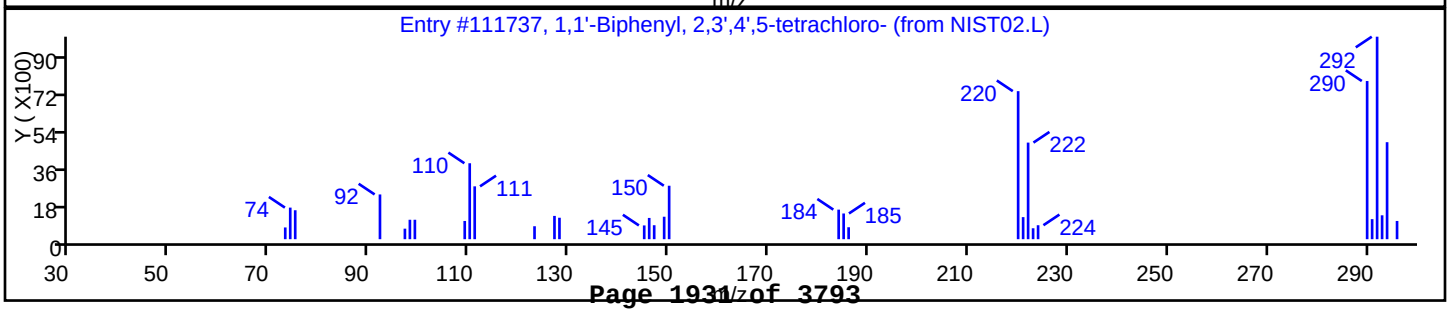
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	C12H6Cl4	290	99
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	C12H6Cl4	290	97
1,1'-Biphenyl, 2,3',4',5-tetrachloro-	32598-11-1	NIST02.L	111737	C12H6Cl4	290	96











Report Date: 13-Mar-2014 10:52:47 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94426.D

Injection Date: 11-Mar-2014 13:17:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

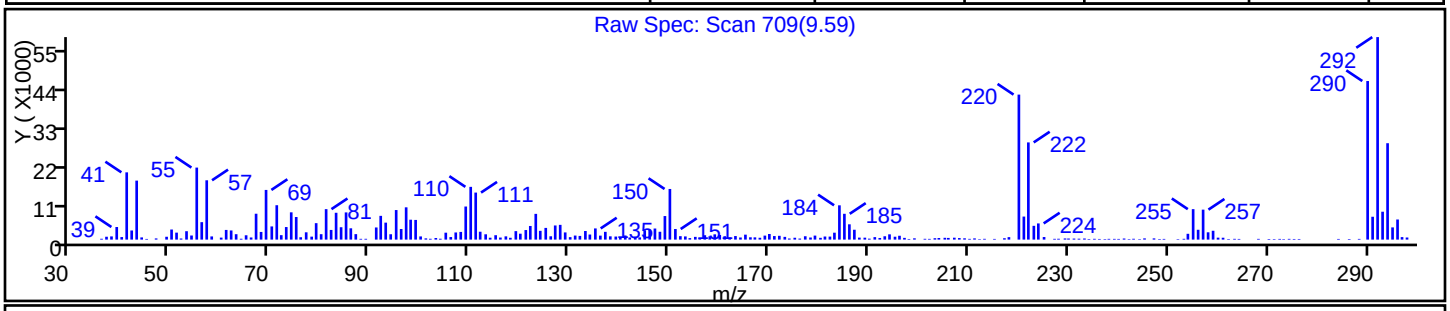
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

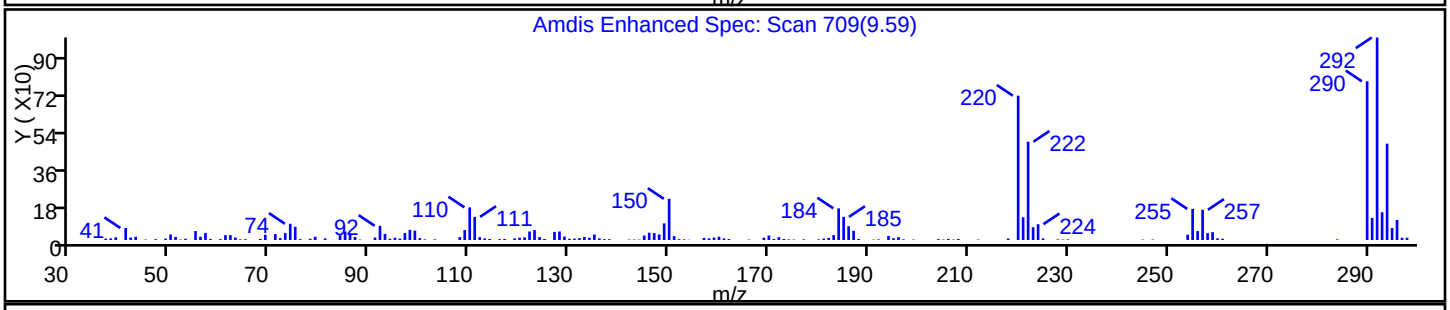
Injection Vol: 1.0 ul Dil. Factor: 1.0000

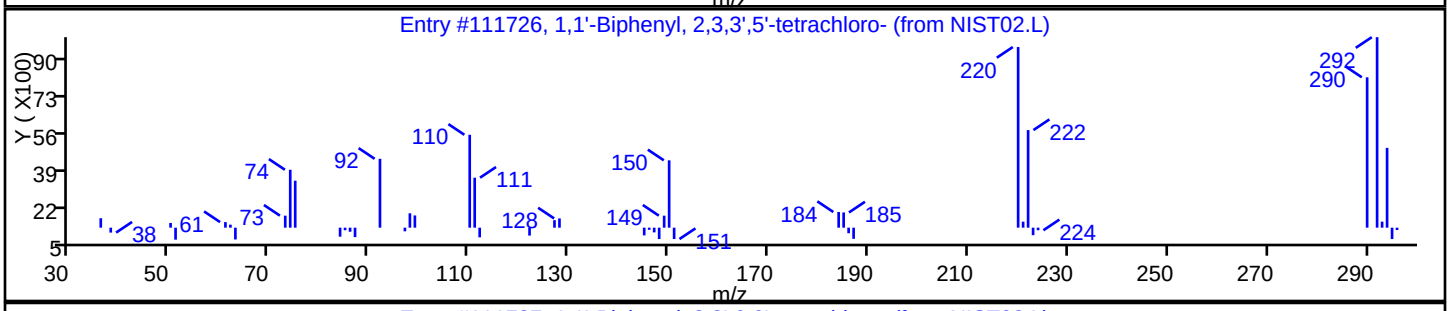
Method: 8270_4R Limit Group: SV 8270 ICAL

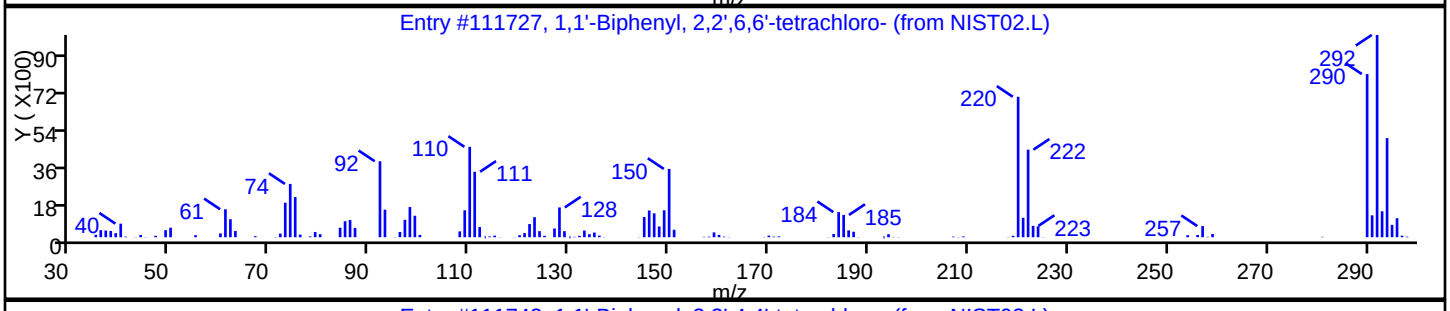
Column: Detector MS SCAN

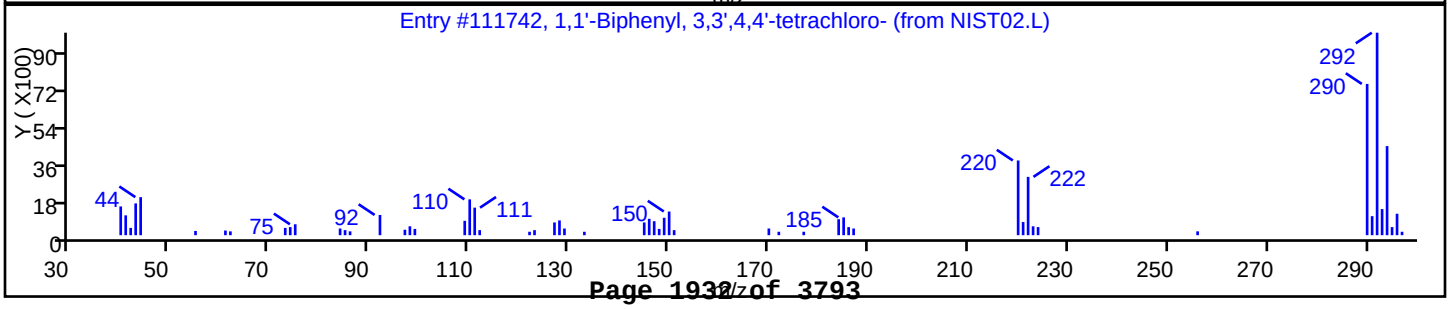
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,3',5'-tetrachloro-	41464-49-7	NIST02.L	111726	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',6,6'-tetrachloro-	15968-05-5	NIST02.L	111727	C12H6Cl4	290	98
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	C12H6Cl4	290	97











Report Date: 13-Mar-2014 10:52:47 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94426.D

Injection Date: 11-Mar-2014 13:17:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

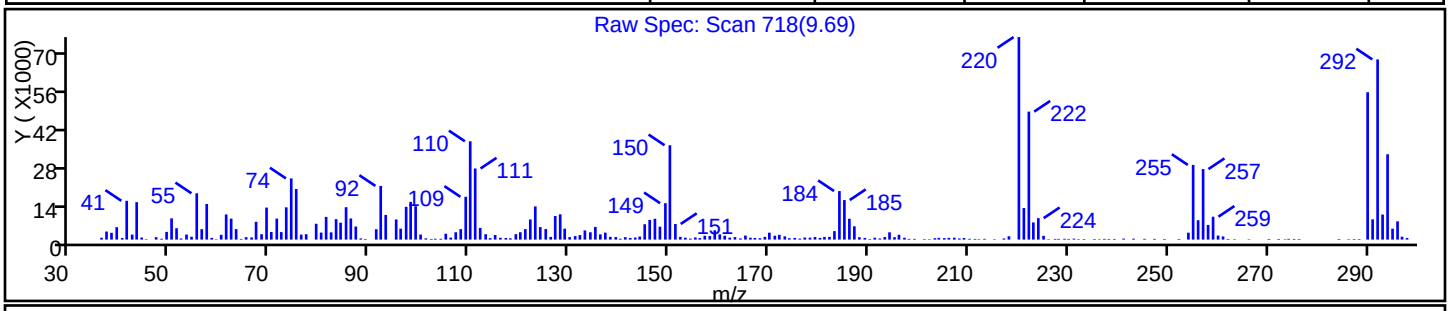
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

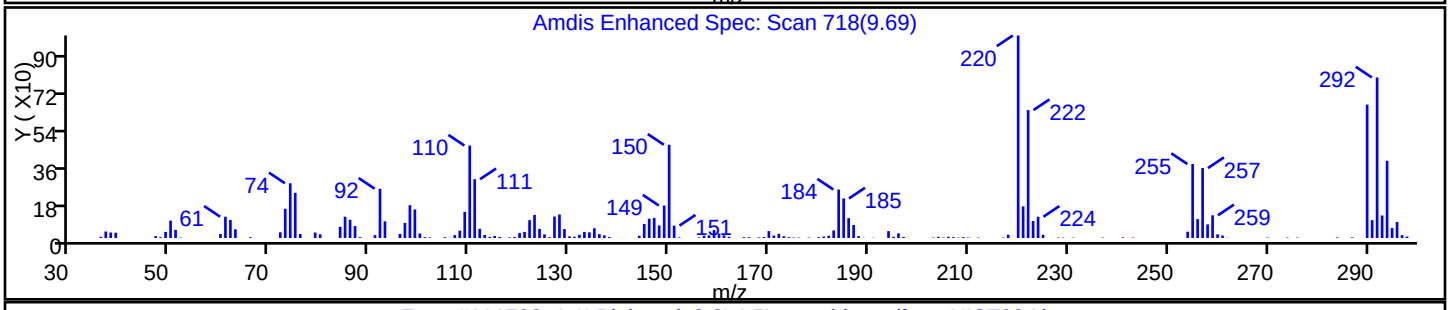
Injection Vol: 1.0 ul Dil. Factor: 1.0000

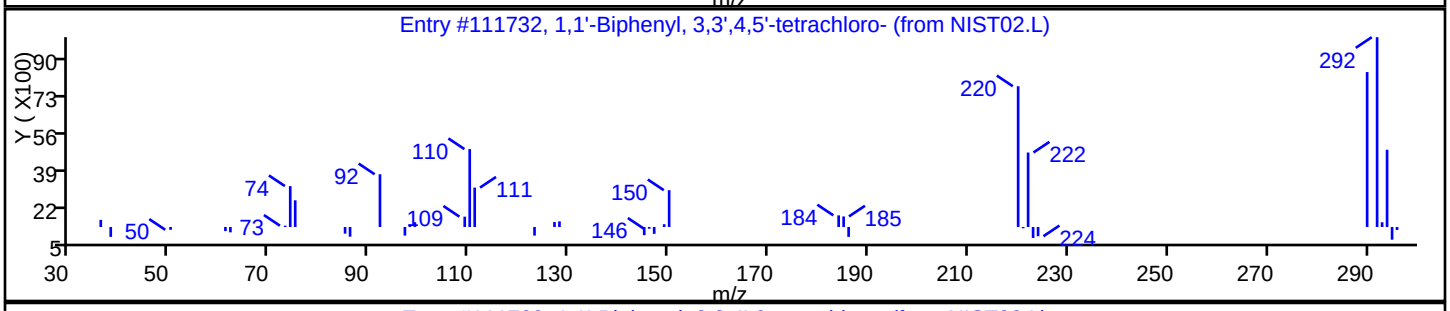
Method: 8270_4R Limit Group: SV 8270 ICAL

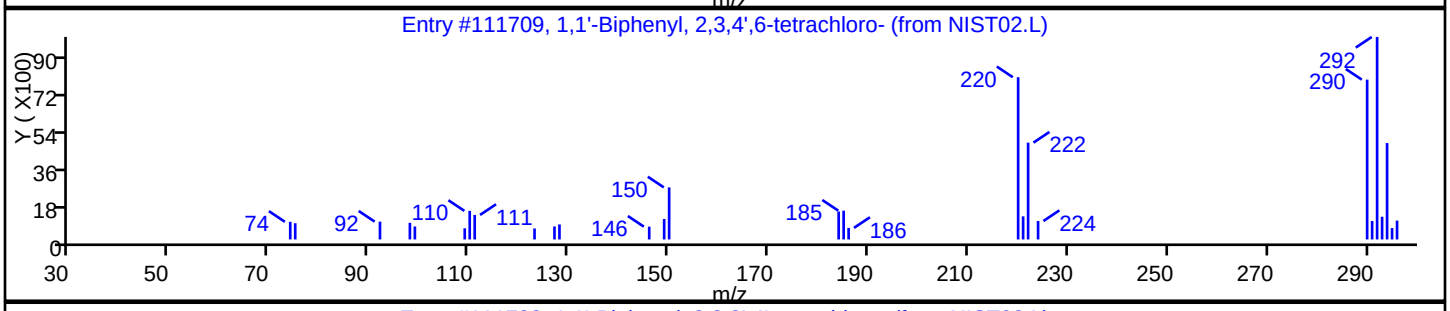
Column: Detector MS SCAN

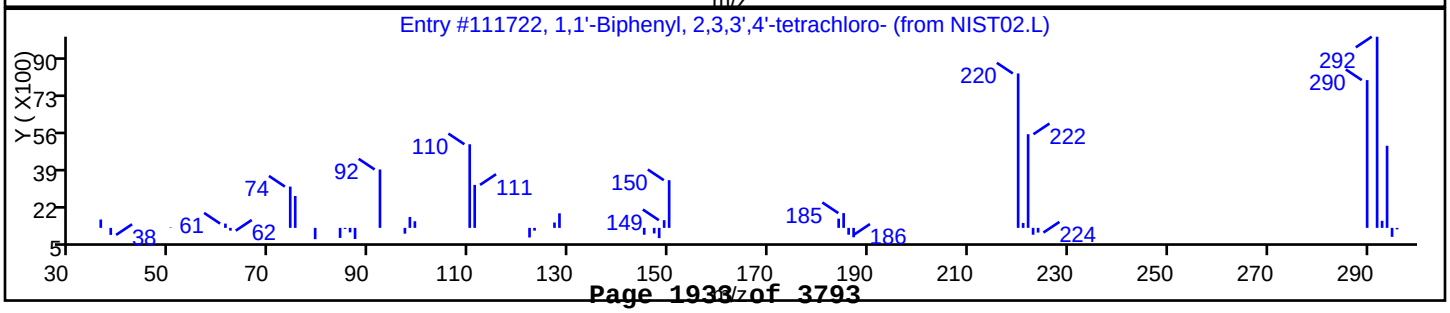
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 3,3',4,5'-tetrachloro-	41464-48-6	NIST02.L	111732	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3,3',4'-tetrachloro-	41464-43-1	NIST02.L	111722	C12H6Cl4	290	99











Report Date: 13-Mar-2014 10:52:47 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94426.D

Injection Date: 11-Mar-2014 13:17:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

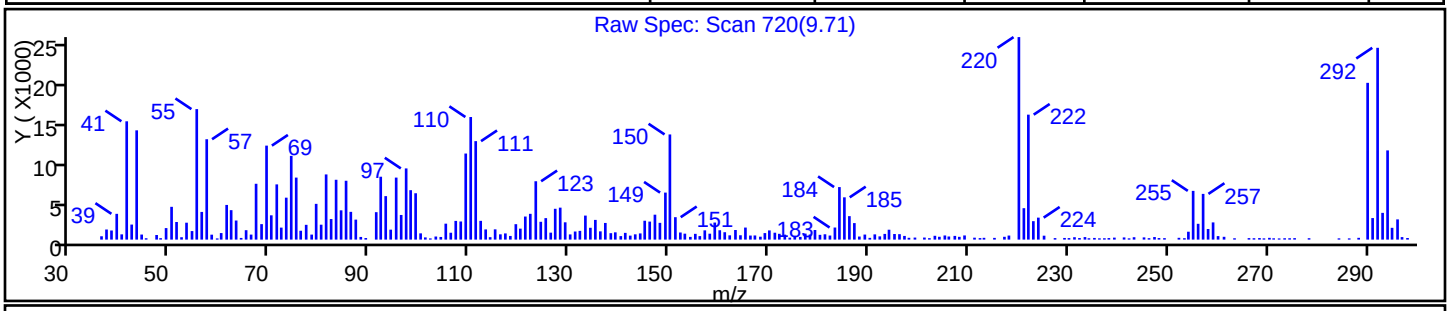
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

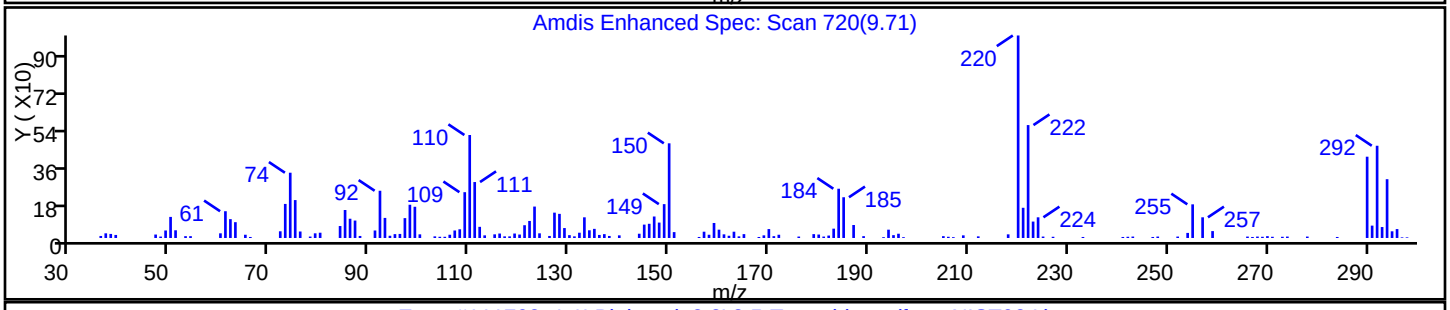
Injection Vol: 1.0 ul Dil. Factor: 1.0000

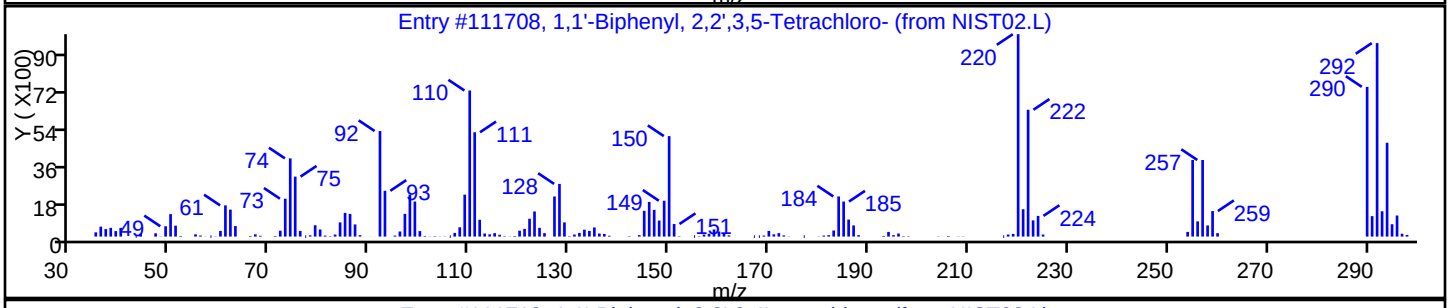
Method: 8270_4R Limit Group: SV 8270 ICAL

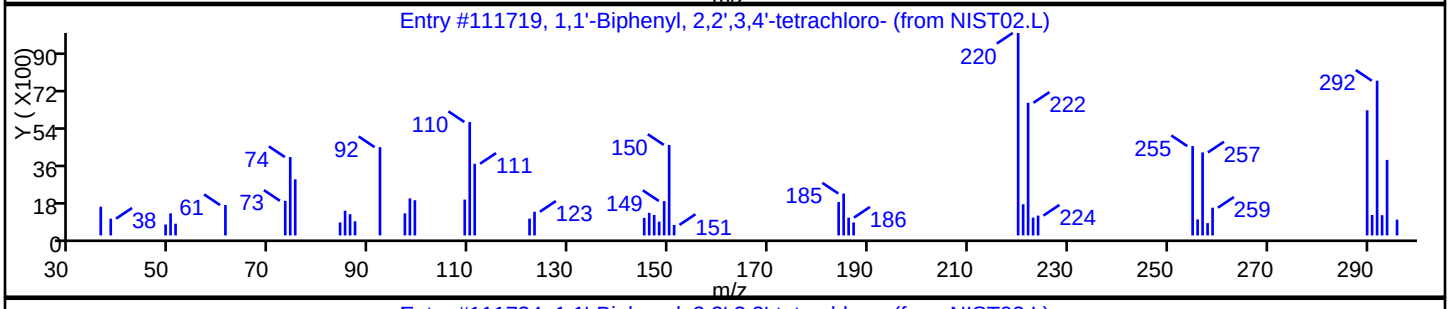
Column: Detector MS SCAN

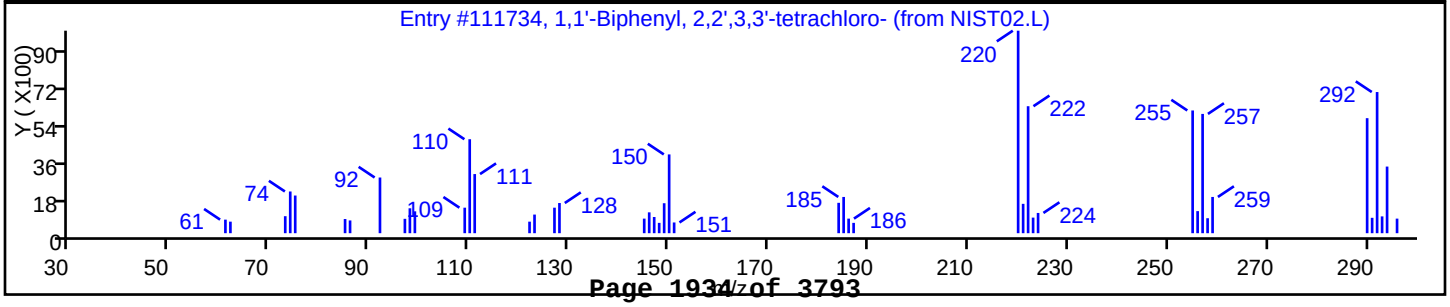
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',3,5-Tetrachloro-	70362-46-8	NIST02.L	111708	C12H6Cl4	290	91
1,1'-Biphenyl, 2,2',3,4'-tetrachloro-	36559-22-5	NIST02.L	111719	C12H6Cl4	290	91
1,1'-Biphenyl, 2,2',3,3'-tetrachloro-	38444-93-8	NIST02.L	111734	C12H6Cl4	290	83











Report Date: 13-Mar-2014 10:52:47 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94426.D

Injection Date: 11-Mar-2014 13:17:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

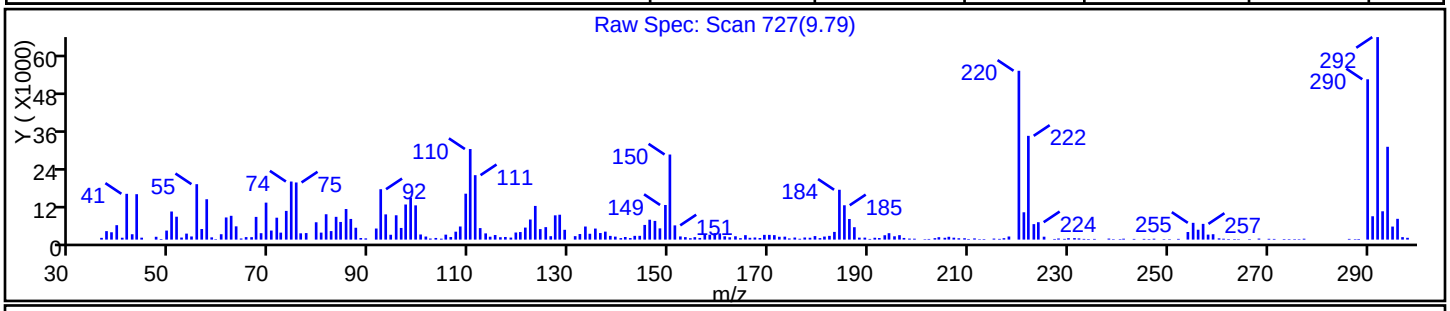
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

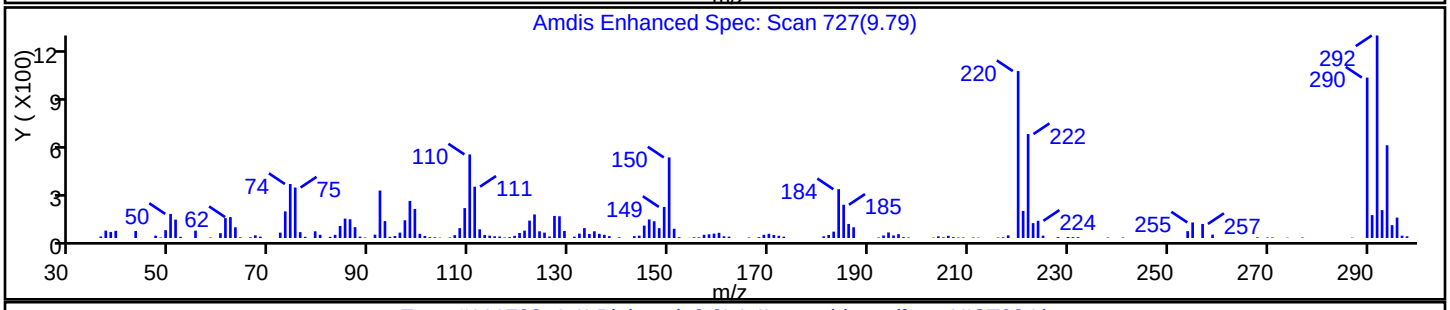
Injection Vol: 1.0 ul Dil. Factor: 1.0000

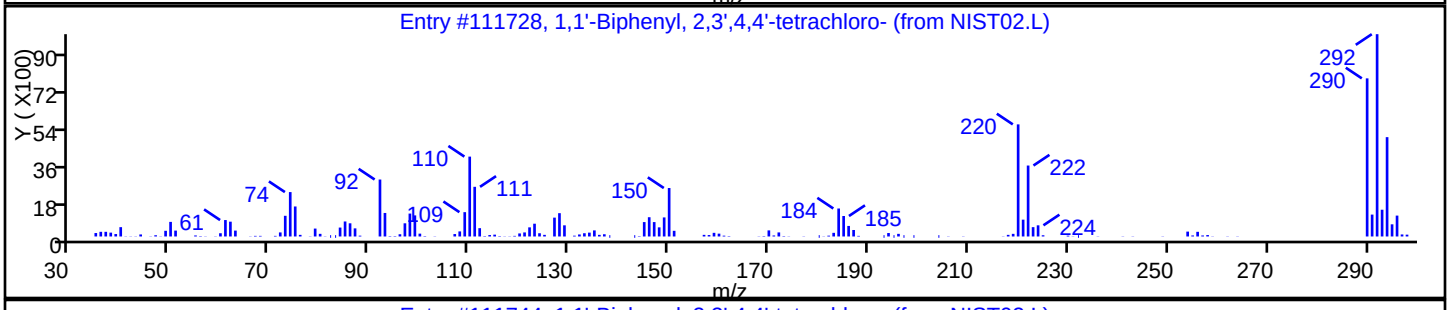
Method: 8270_4R Limit Group: SV 8270 ICAL

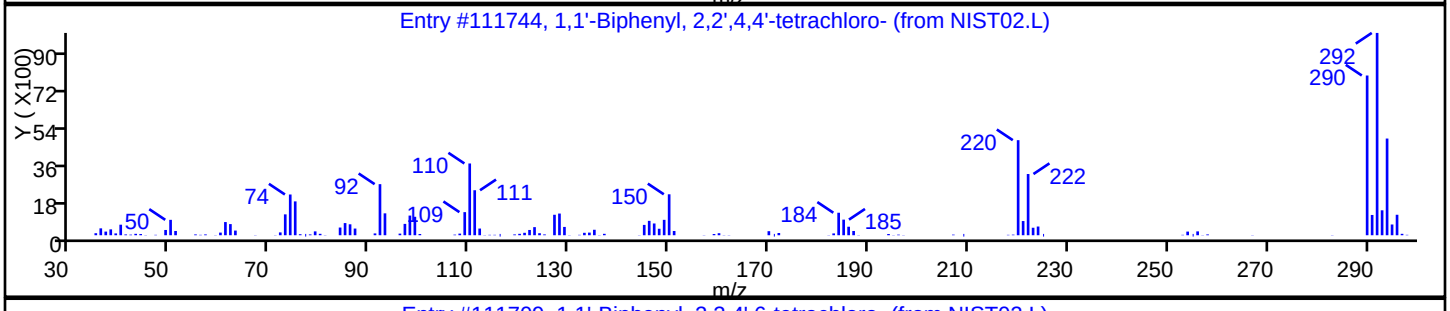
Column: Detector MS SCAN

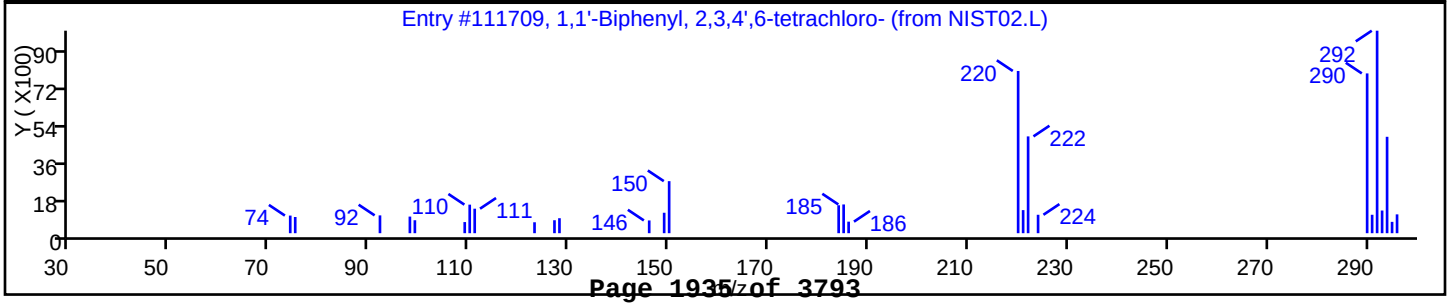
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3',4,4'-tetrachloro-	32598-10-0	NIST02.L	111728	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	2437-79-8	NIST02.L	111744	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	C12H6Cl4	290	99











Report Date: 13-Mar-2014 10:52:47 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94426.D

Injection Date: 11-Mar-2014 13:17:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

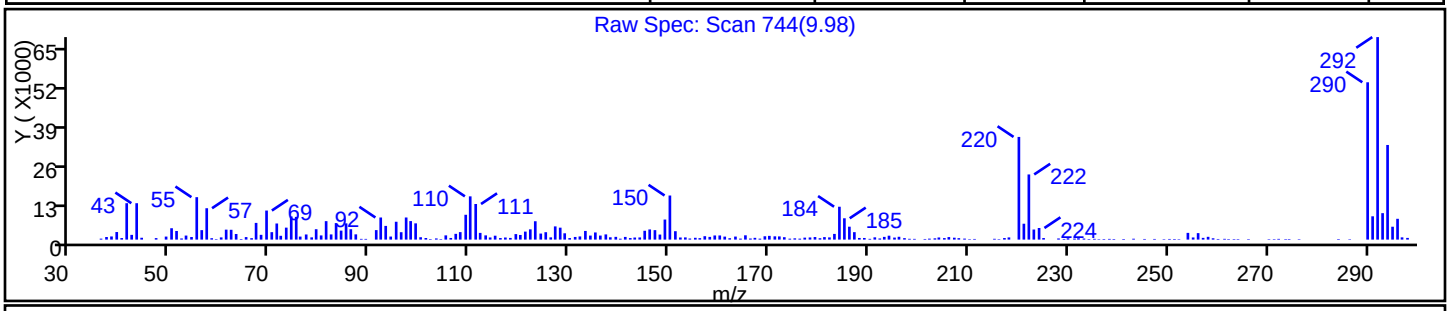
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

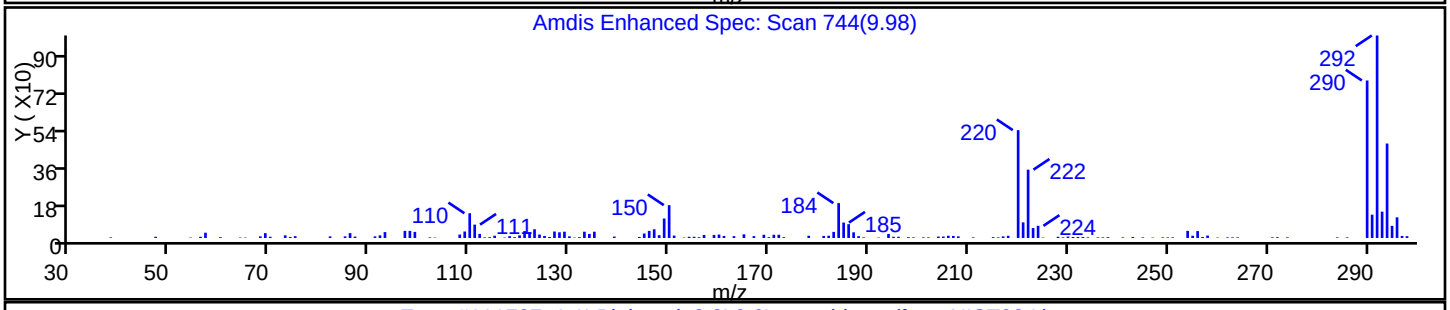
Injection Vol: 1.0 ul Dil. Factor: 1.0000

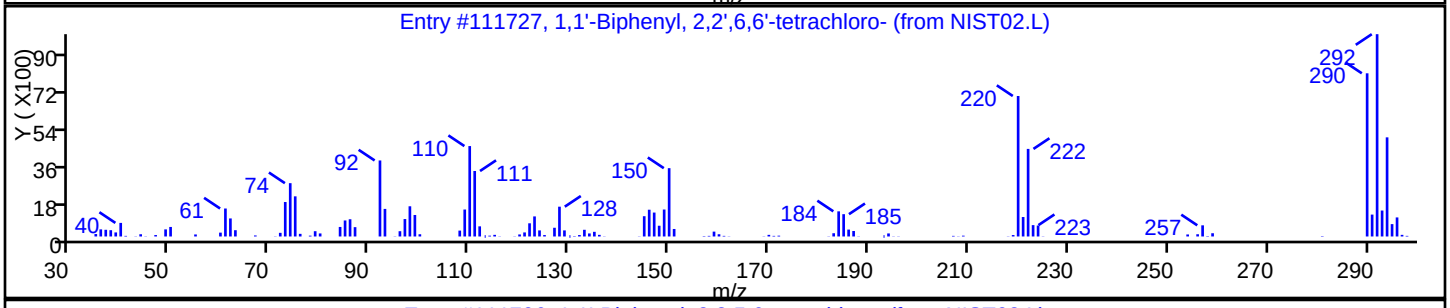
Method: 8270_4R Limit Group: SV 8270 ICAL

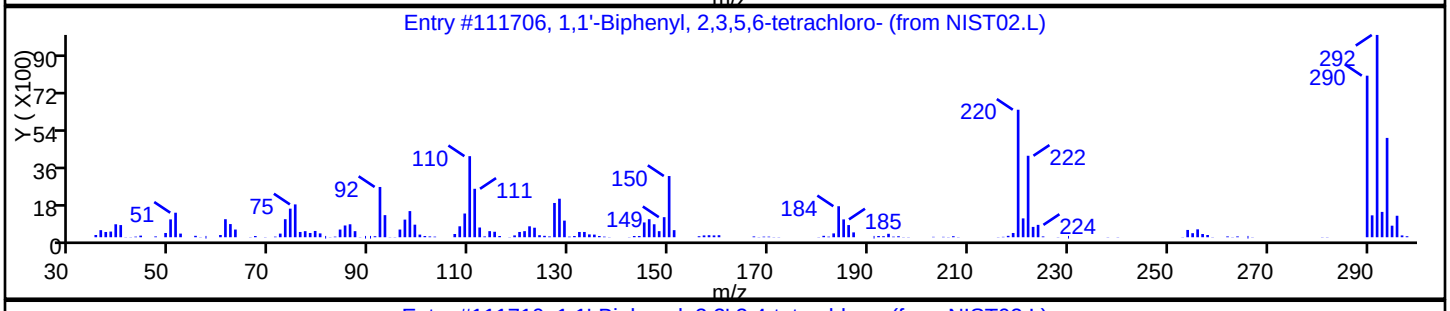
Column: Detector MS SCAN

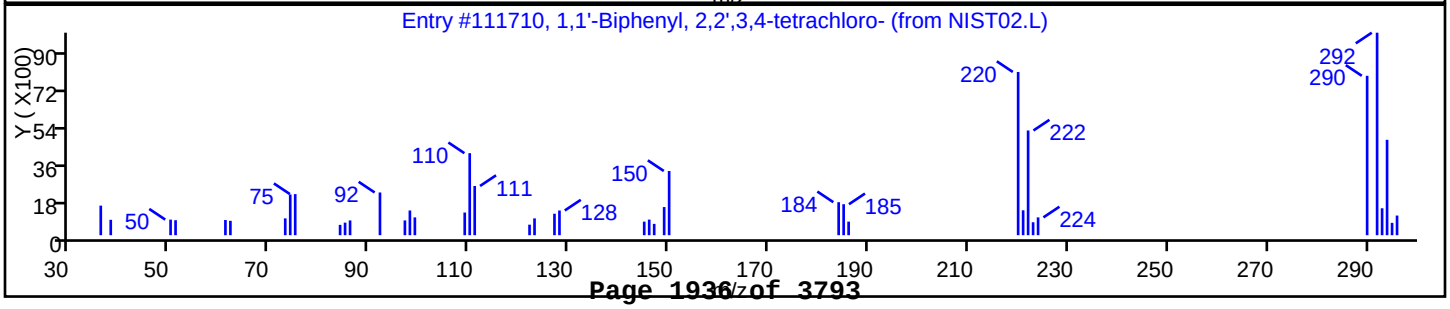
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',6,6'-tetrachloro-	15968-05-5	NIST02.L	111727	C12H6Cl4	290	98
1,1'-Biphenyl, 2,3,5,6-tetrachloro-	33284-54-7	NIST02.L	111706	C12H6Cl4	290	96
1,1'-Biphenyl, 2,2',3,4-tetrachloro-	52663-59-9	NIST02.L	111710	C12H6Cl4	290	96











Report Date: 13-Mar-2014 10:52:47 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94426.D

Injection Date: 11-Mar-2014 13:17:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

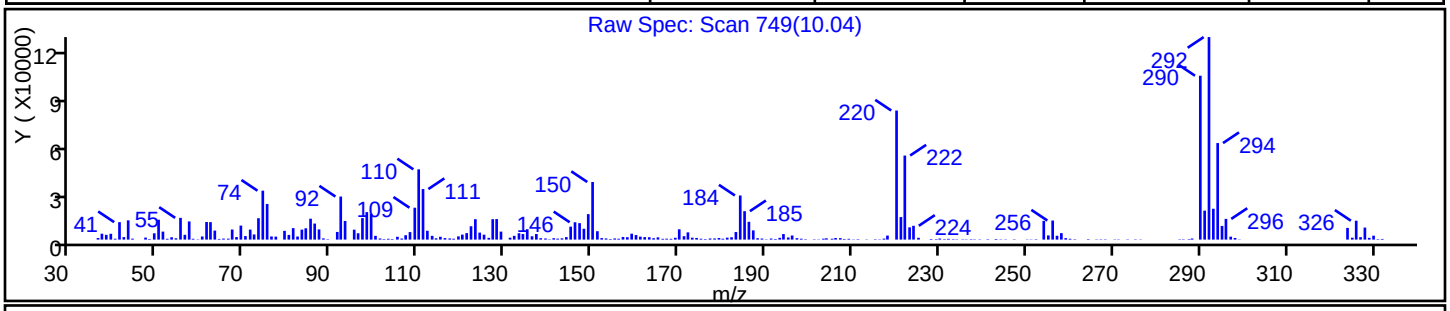
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

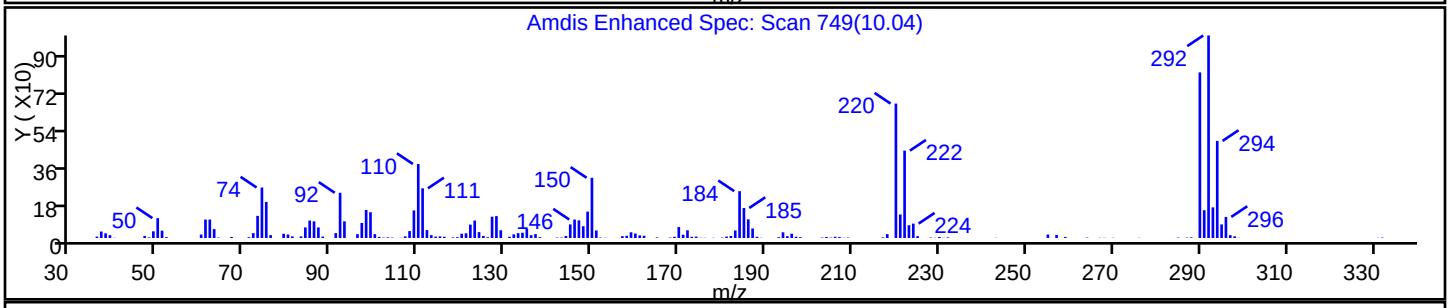
Injection Vol: 1.0 ul Dil. Factor: 1.0000

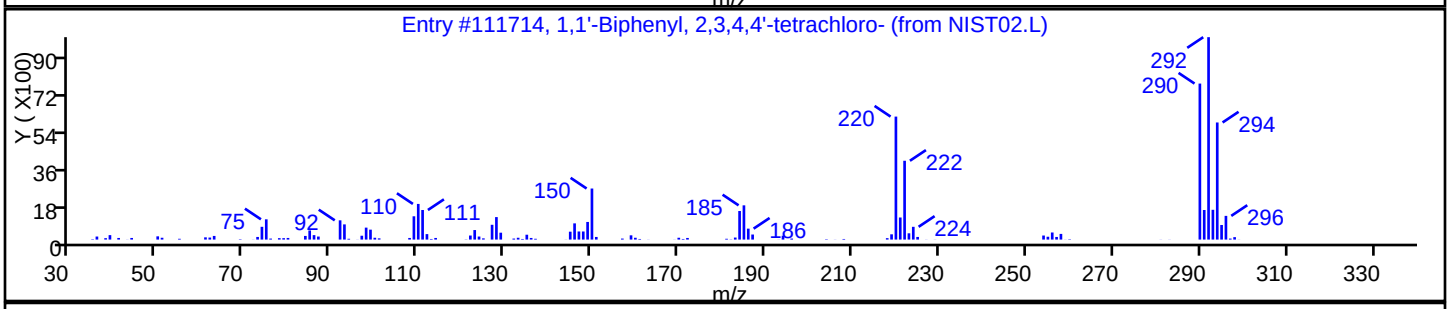
Method: 8270_4R Limit Group: SV 8270 ICAL

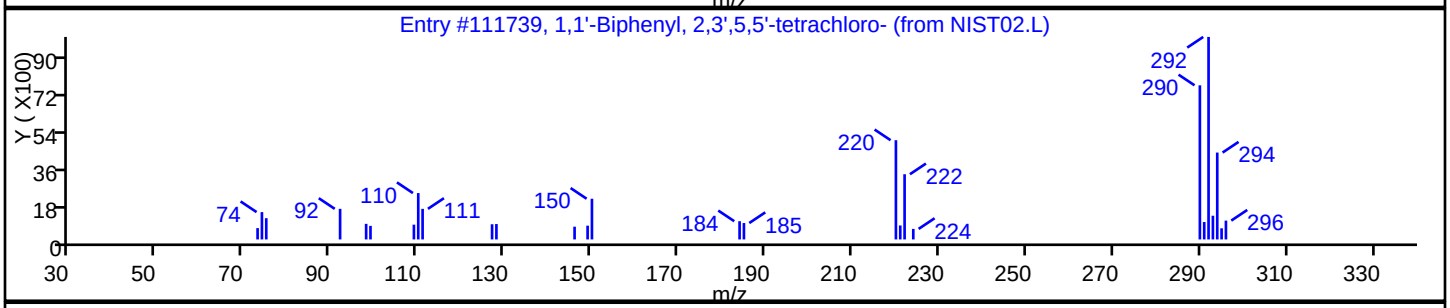
Column: Detector MS SCAN

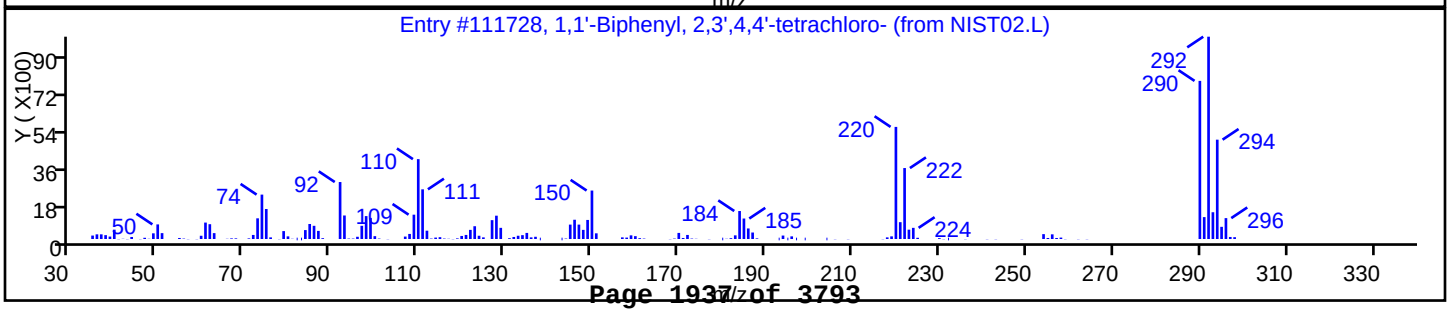
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,4,4'-tetrachloro-	33025-41-1	NIST02.L	111714	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.L	111739	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',4,4'-tetrachloro-	32598-10-0	NIST02.L	111728	C12H6Cl4	290	99











Report Date: 13-Mar-2014 10:52:47 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94426.D

Injection Date: 11-Mar-2014 13:17:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

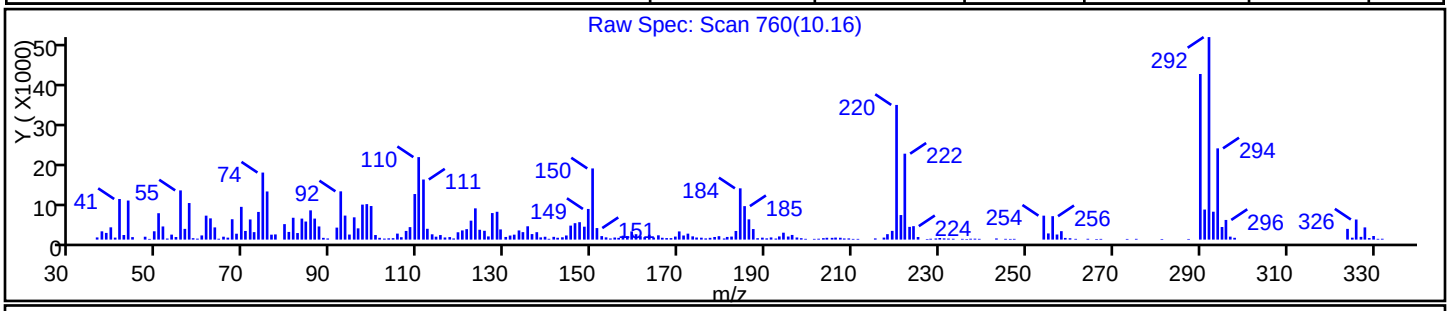
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

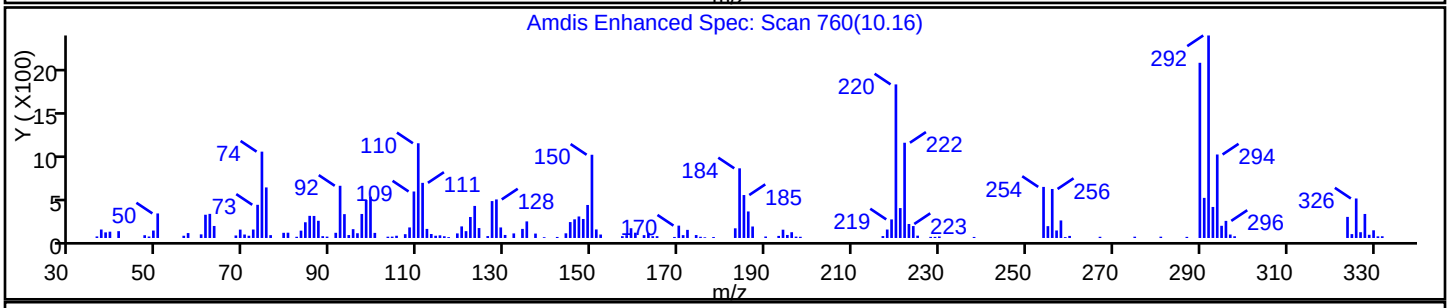
Injection Vol: 1.0 ul Dil. Factor: 1.0000

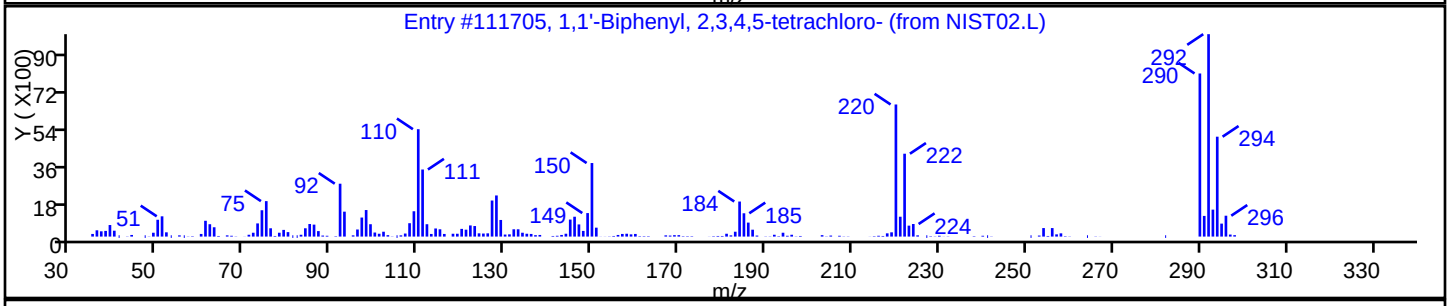
Method: 8270_4R Limit Group: SV 8270 ICAL

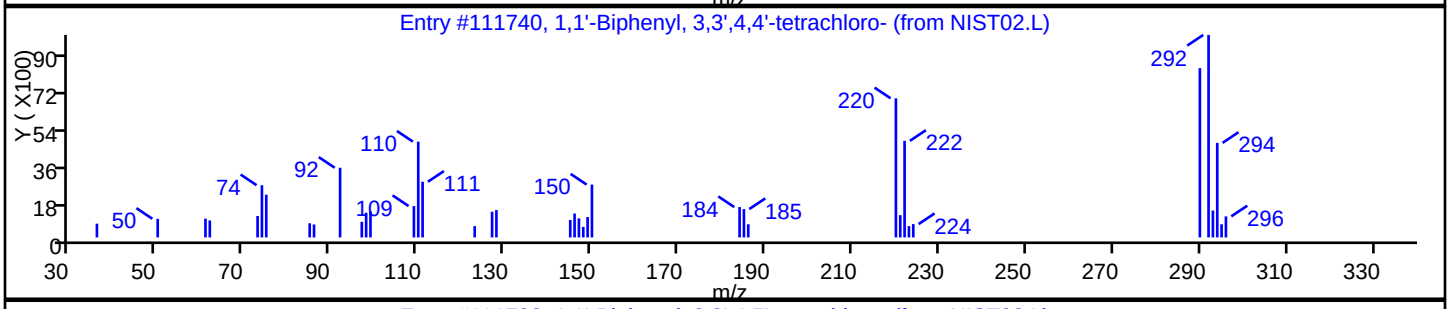
Column: Detector MS SCAN

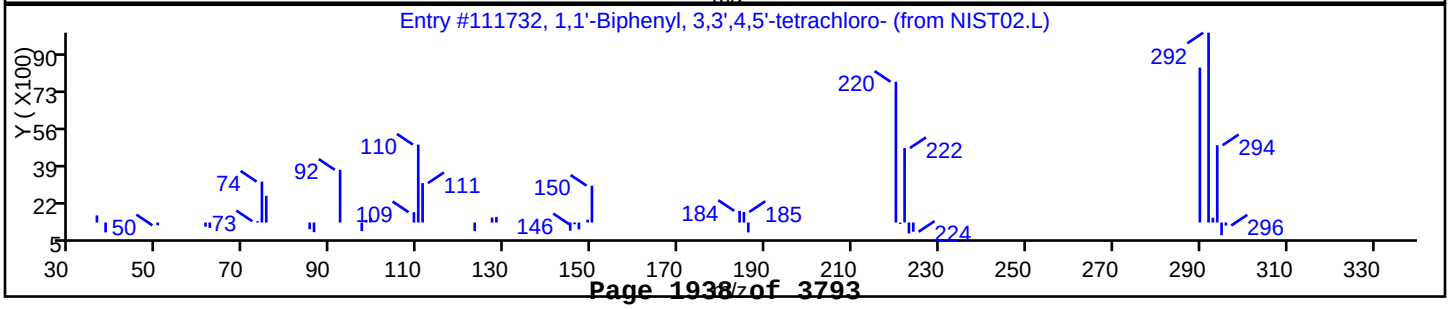
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,4,5-tetrachloro-	33284-53-6	NIST02.L	111705	C12H6Cl4	290	99
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111740	C12H6Cl4	290	99
1,1'-Biphenyl, 3,3',4,5'-tetrachloro-	41464-48-6	NIST02.L	111732	C12H6Cl4	290	99











Report Date: 13-Mar-2014 10:52:47 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94426.D

Injection Date: 11-Mar-2014 13:17:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

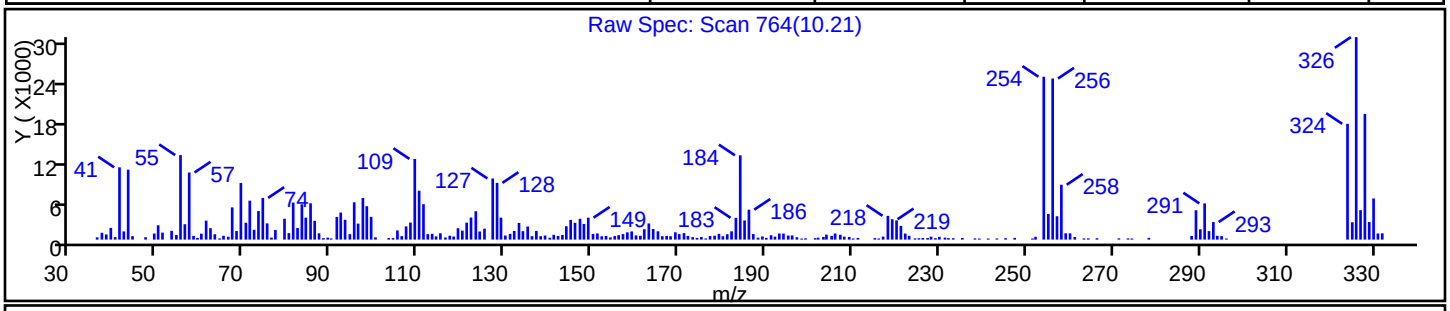
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

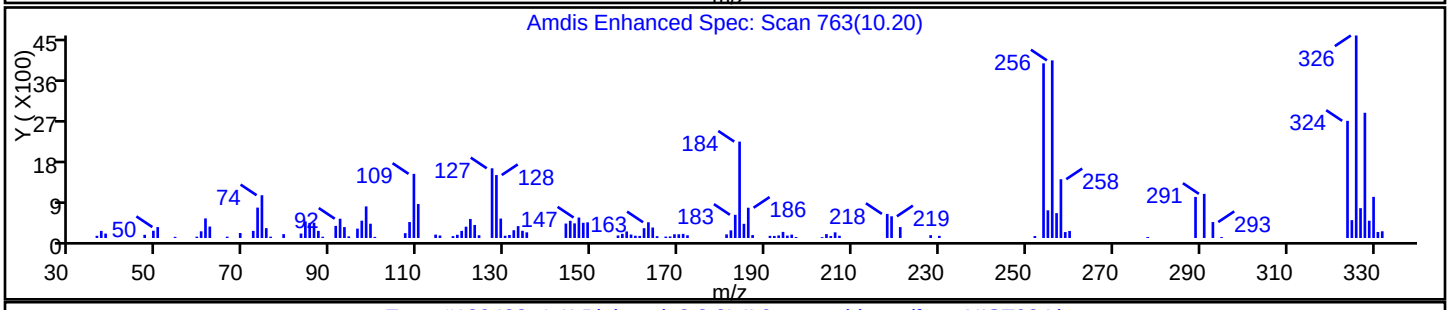
Injection Vol: 1.0 ul Dil. Factor: 1.0000

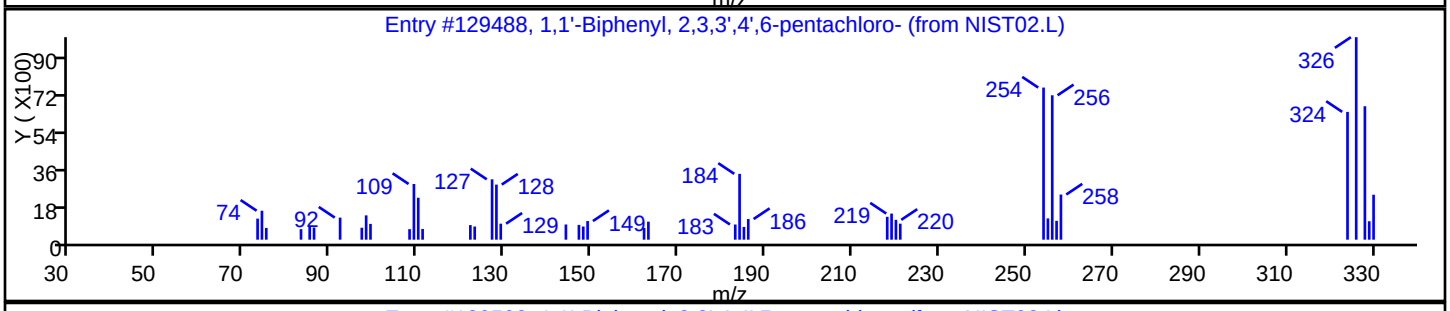
Method: 8270_4R Limit Group: SV 8270 ICAL

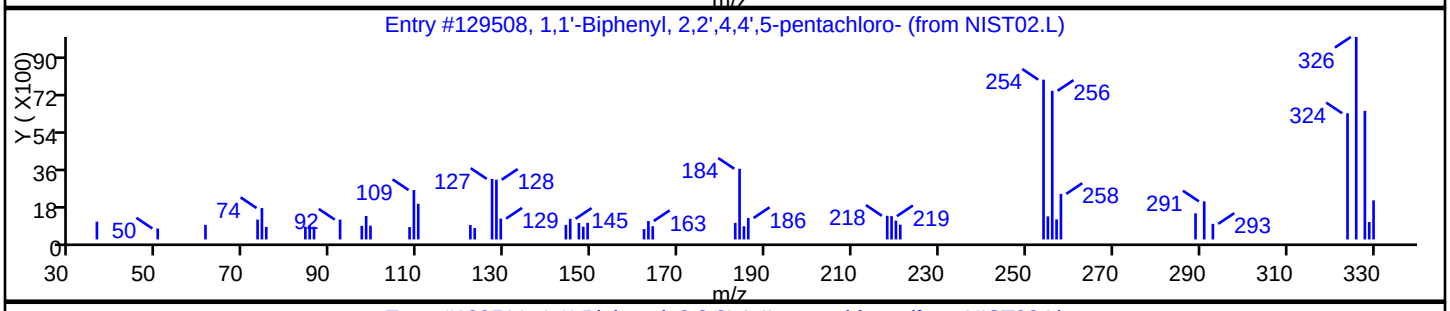
Column: Detector MS SCAN

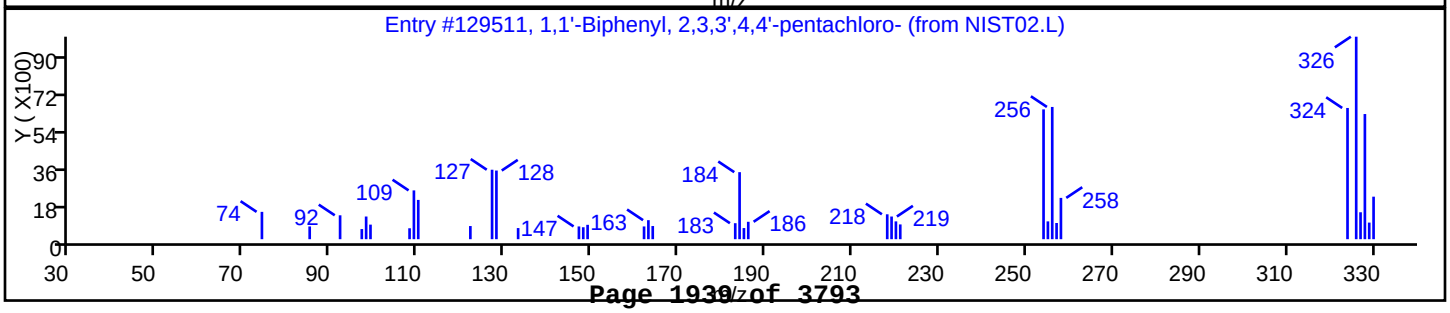
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,3',4',6-pentachloro-	38380-03-9	NIST02.L	129488	C12H5Cl5	324	99
1,1'-Biphenyl, 2,2',4,4',5-pentachloro-	38380-01-7	NIST02.L	129508	C12H5Cl5	324	99
1,1'-Biphenyl, 2,3,3',4,4'-pentachloro-	32598-14-4	NIST02.L	129511	C12H5Cl5	324	99











Report Date: 13-Mar-2014 10:52:47 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94426.D

Injection Date: 11-Mar-2014 13:17:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

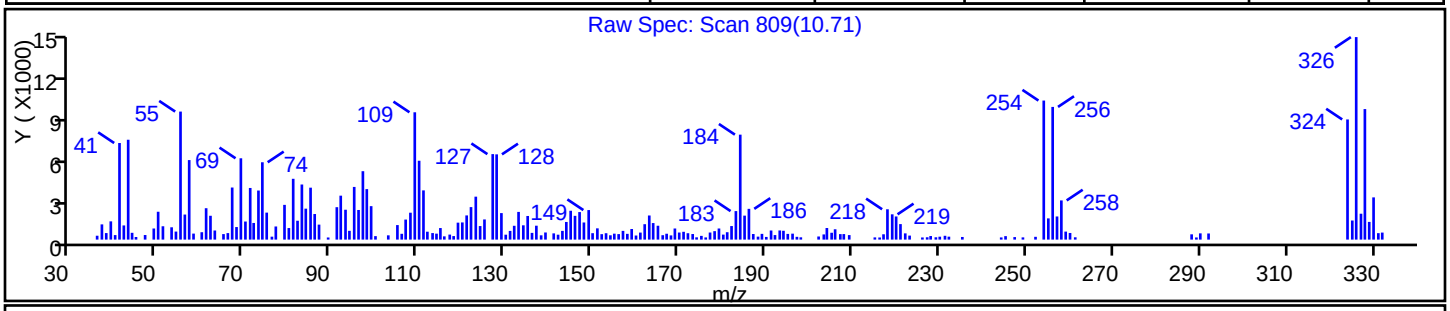
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

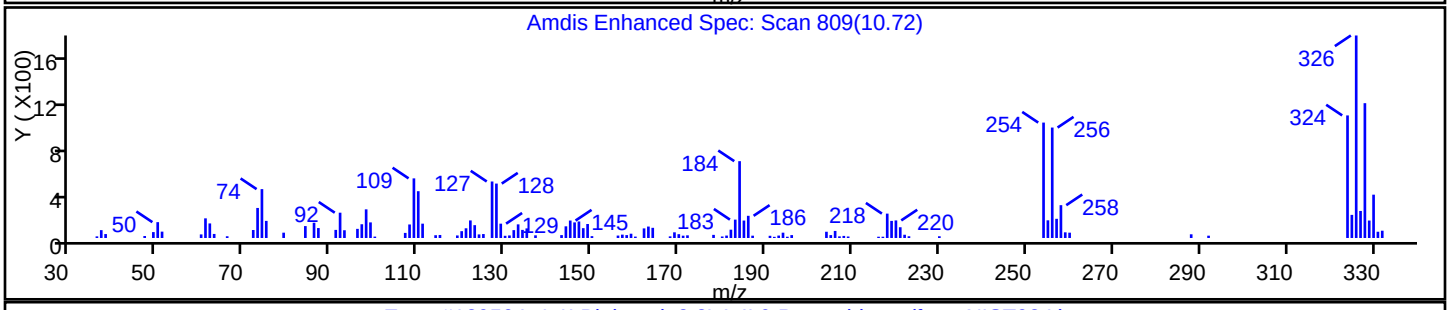
Injection Vol: 1.0 ul Dil. Factor: 1.0000

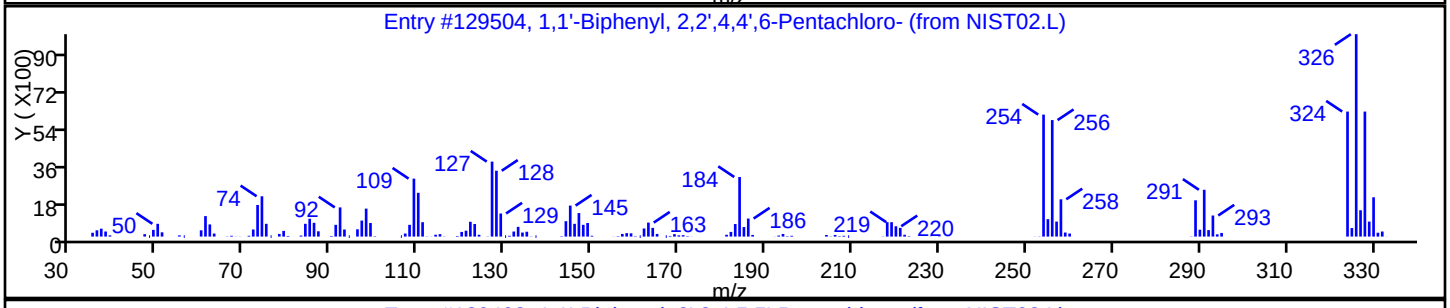
Method: 8270_4R Limit Group: SV 8270 ICAL

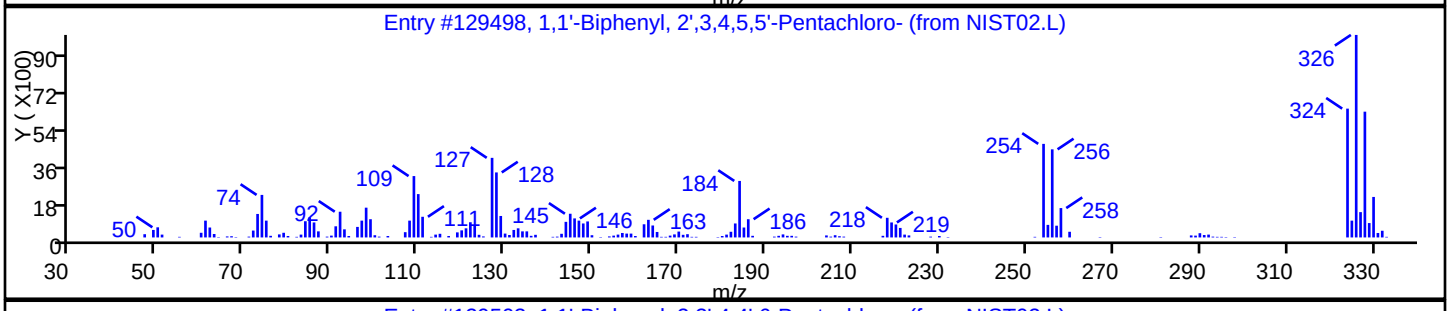
Column: Detector MS SCAN

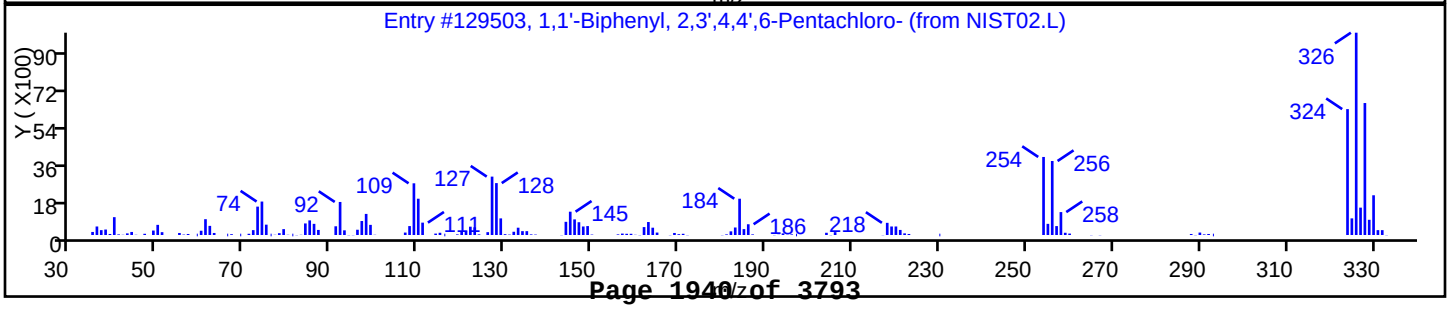
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',4,4',6-Pentachloro-	39485-83-1	NIST02.L	129504	C12H5Cl5	324	99
1,1'-Biphenyl, 2',3,4,5,5'-Pentachloro-	70424-70-3	NIST02.L	129498	C12H5Cl5	324	98
1,1'-Biphenyl, 2,3',4,4',6-Pentachloro-	56558-17-9	NIST02.L	129503	C12H5Cl5	324	98











Report Date: 13-Mar-2014 10:52:47 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94426.D

Injection Date: 11-Mar-2014 13:17:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

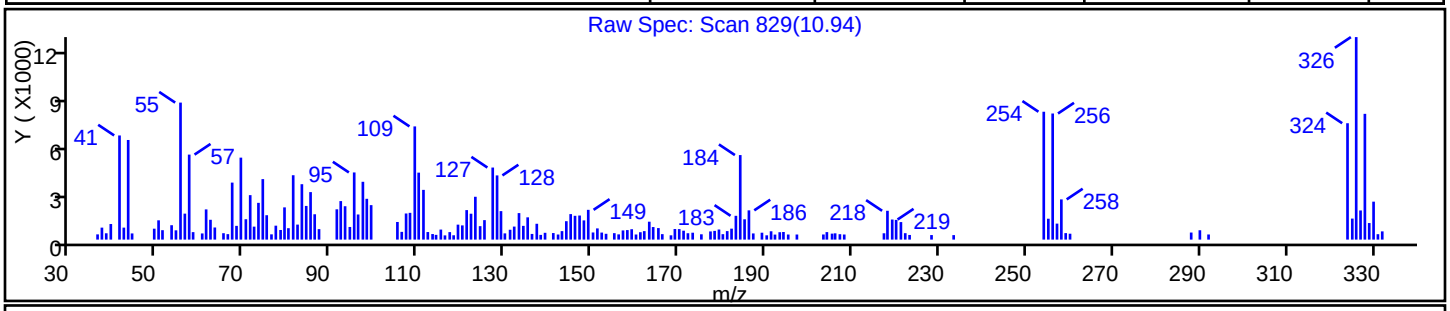
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

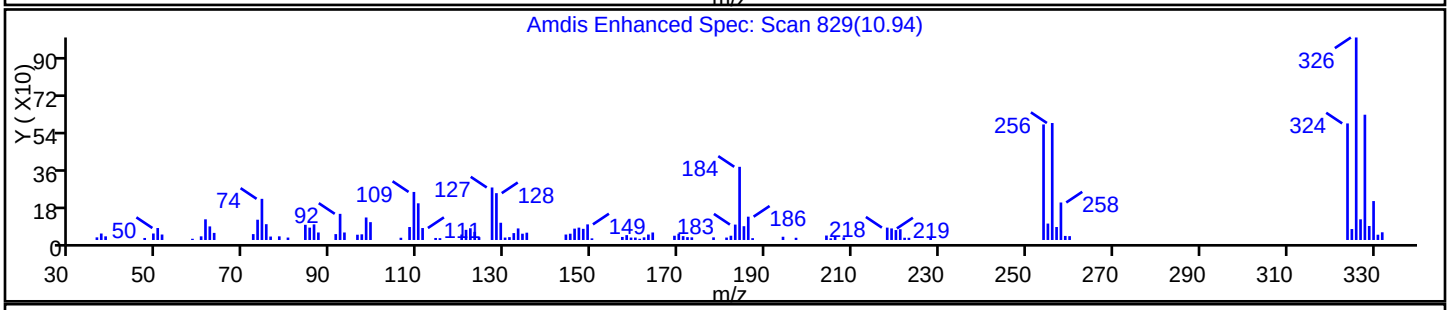
Injection Vol: 1.0 ul Dil. Factor: 1.0000

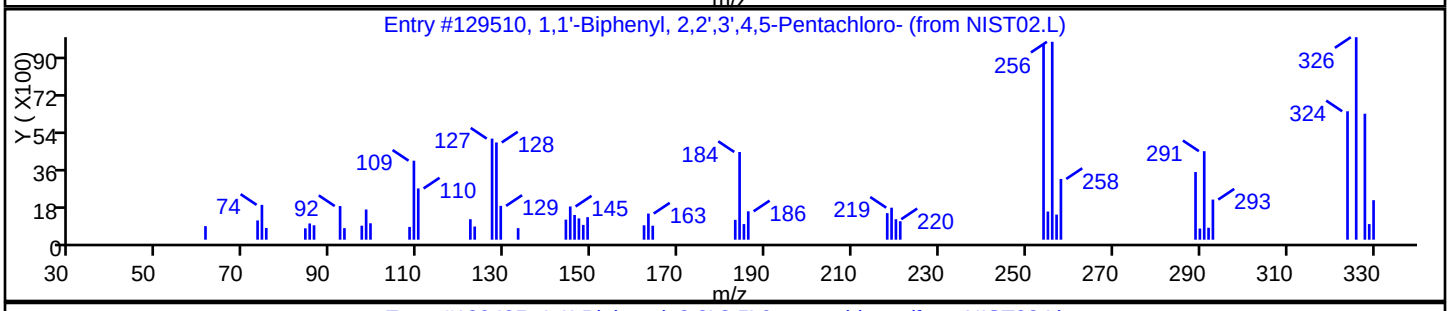
Method: 8270_4R Limit Group: SV 8270 ICAL

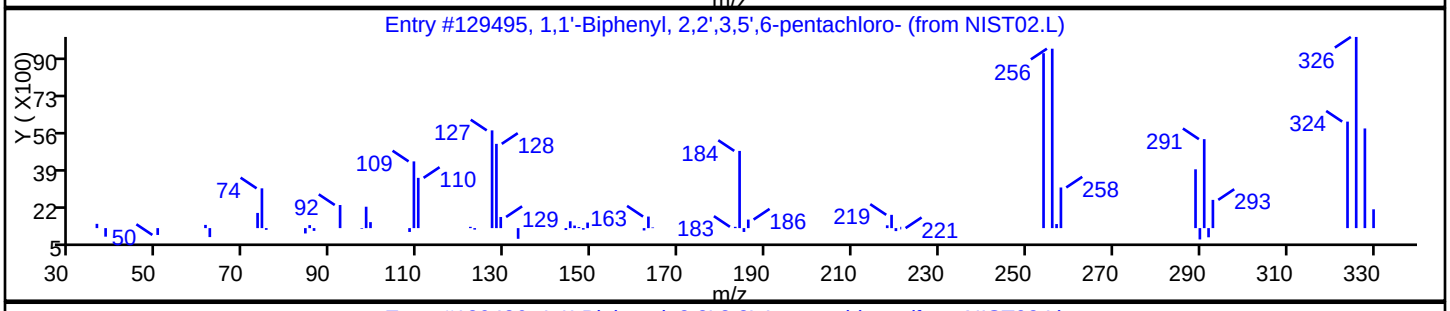
Column: Detector MS SCAN

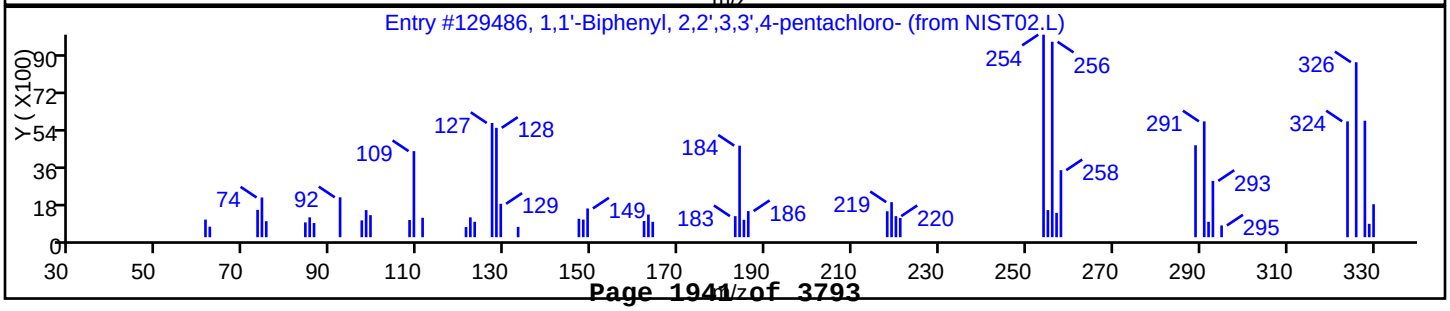
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',3',4,5-Pentachloro-	41464-51-1	NIST02.L	129510	C12H5Cl5	324	98
1,1'-Biphenyl, 2,2',3,5',6-pentachloro-	38379-99-6	NIST02.L	129495	C12H5Cl5	324	98
1,1'-Biphenyl, 2,2',3,3',4-pentachloro-	52663-62-4	NIST02.L	129486	C12H5Cl5	324	98











Report Date: 13-Mar-2014 10:52:47 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94426.D

Injection Date: 11-Mar-2014 13:17:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-6-A Lab Sample ID: 460-72174-6

Client ID: PMP-4SW-VS

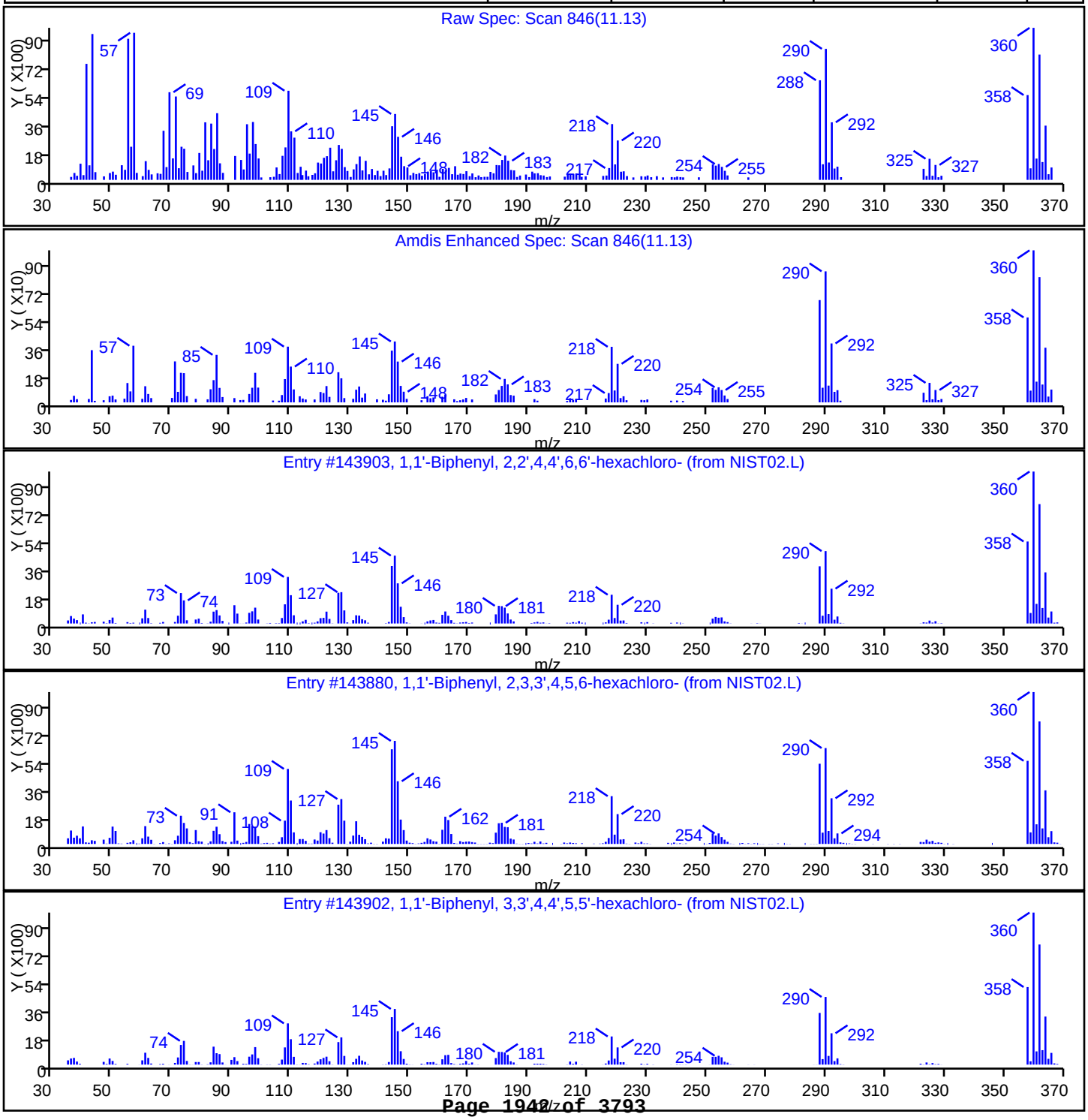
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',4,4',6,6'-hexachloro	33979-03-2	NIST02.L	143903	C12H4Cl6	358	99
1,1'-Biphenyl, 2,3,3',4,5,6-hexachloro-	41411-62-5	NIST02.L	143880	C12H4Cl6	358	99
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.L	143902	C12H4Cl6	358	98



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-4SW-VD | Lab Sample ID: 460-72174-7

Matrix: Solid | Lab File ID: U94412.D

Analysis Method: 8270C | Date Collected: 03/06/2014 10:10

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.01(g) | Date Analyzed: 03/11/2014 06:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	46	U	340	46
95-57-8	2-Chlorophenol	45	U	340	45
95-48-7	2-Methylphenol	59	U	340	59
106-44-5	4-Methylphenol	68	U	340	68
100-52-7	Benzaldehyde	41	U	340	41
98-86-2	Acetophenone	53	U	340	53
111-44-4	Bis(2-chloroethyl)ether	4.7	U	34	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	340	38
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	34	5.8
98-95-3	Nitrobenzene	4.9	U *	34	4.9
67-72-1	Hexachloroethane	3.8	U	34	3.8
78-59-1	Isophorone	42	U	340	42
88-75-5	2-Nitrophenol	39	U	340	39
105-67-9	2,4-Dimethylphenol	85	U	340	85
120-83-2	2,4-Dichlorophenol	51	U	340	51
111-91-1	Bis(2-chloroethoxy)methane	45	U	340	45
91-20-3	Naphthalene	40	U	340	40
106-47-8	4-Chloroaniline	91	U	340	91
87-68-3	Hexachlorobutadiene	8.4	U	70	8.4
105-60-2	Caprolactam	80	U	340	80
59-50-7	4-Chloro-3-methylphenol	52	U	340	52
91-57-6	2-Methylnaphthalene	44	U	340	44
118-74-1	Hexachlorobenzene	4.7	U	34	4.7
77-47-4	Hexachlorocyclopentadiene	41	U	340	41
88-06-2	2,4,6-Trichlorophenol	40	U	340	40
95-95-4	2,4,5-Trichlorophenol	45	U	340	45
92-52-4	Diphenyl	46	U	340	46
91-58-7	2-Chloronaphthalene	39	U	340	39
88-74-4	2-Nitroaniline	140	U	700	140
606-20-2	2,6-Dinitrotoluene	10	U	70	10
131-11-3	Dimethyl phthalate	41	U	340	41
208-96-8	Acenaphthylene	41	U	340	41
99-09-2	3-Nitroaniline	120	U	700	120
83-32-9	Acenaphthene	50	U	340	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-4SW-VD | Lab Sample ID: 460-72174-7

Matrix: Solid | Lab File ID: U94412.D

Analysis Method: 8270C | Date Collected: 03/06/2014 10:10

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.01(g) | Date Analyzed: 03/11/2014 06:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1000	220
51-28-5	2,4-Dinitrophenol	200	U	1000	200
132-64-9	Dibenzofuran	40	U	340	40
84-66-2	Diethyl phthalate	41	U	340	41
86-73-7	Fluorene	44	U	340	44
206-44-0	Fluoranthene	46	U	340	46
84-74-2	Di-n-butyl phthalate	43	U	340	43
121-14-2	2,4-Dinitrotoluene	11	U	70	11
7005-72-3	4-Chlorophenyl phenyl ether	40	U	340	40
100-01-6	4-Nitroaniline	110	U	700	110
534-52-1	4,6-Dinitro-2-methylphenol	94	U	1000	94
101-55-3	4-Bromophenyl phenyl ether	34	U	340	34
1912-24-9	Atrazine	53	U	340	53
120-12-7	Anthracene	42	U	340	42
86-74-8	Carbazole	41	U	340	41
85-01-8	Phenanthrene	44	U	340	44
87-86-5	Pentachlorophenol	100	U	1000	100
129-00-0	Pyrene	29	U	340	29
218-01-9	Chrysene	40	U	340	40
207-08-9	Benzo[k]fluoranthene	2.6	U	34	2.6
191-24-2	Benzo[g,h,i]perylene	26	U	340	26
205-99-2	Benzo[b]fluoranthene	2.2	U	34	2.2
50-32-8	Benzo[a]pyrene	2.4	U	34	2.4
56-55-3	Benzo[a]anthracene	2.4	U	34	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	340	34
85-68-7	Butyl benzyl phthalate	32	U	340	32
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	340	110
117-84-0	Di-n-octyl phthalate	22	U	340	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.4	U	34	6.4
53-70-3	Dibenz(a,h)anthracene	4.4	U	34	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	700	120
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	340	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-4SW-VD Lab Sample ID: 460-72174-7

Matrix: Solid Lab File ID: U94412.D

Analysis Method: 8270C Date Collected: 03/06/2014 10:10

Extract. Method: 3541 Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.01(g) Date Analyzed: 03/11/2014 06:47

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	69		40-106
4165-62-2	Phenol-d5	87		44-104
1718-51-0	Terphenyl-d14	101		41-145
118-79-6	2,4,6-Tribromophenol	85		19-114
367-12-4	2-Fluorophenol	71		39-103
321-60-8	2-Fluorobiphenyl	91		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-4SW-VD Lab Sample ID: 460-72174-7

Matrix: Solid Lab File ID: U94412.D

Analysis Method: 8270C Date Collected: 03/06/2014 10:10

Extract. Method: 3541 Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.01(g) Date Analyzed: 03/11/2014 06:47

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 620

CAS NO.	COMPOUND NAME	RT	RESULT	Q
88-73-3	Benzene, 1-chloro-2-nitro-	6.04	620	J N

Report Date: 13-Mar-2014 09:44:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94412.D
Lims ID: 460-72174-E-7-A Lab Sample ID: 460-72174-7
Client ID: PMP-4SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 06:47:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-009
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 09:44:32 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 13-Mar-2014 09:44:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.140	3.127	0.013	86	179442	35.5	
5 Benzaldehyde	77	3.980	3.977	0.003	54	982	0.2036	
$ 6 Phenol-d5	99	4.050	4.071	-0.021	70	264453	43.3	
* 13 1,4-Dichlorobenzene-d4	152	4.422	4.430	-0.008	98	115532	40.0	
$ 25 Nitrobenzene-d5	82	4.968	4.990	-0.022	93	214401	34.6	
* 35 Naphthalene-d8	136	5.692	5.701	-0.009	100	503135	40.0	
36 Naphthalene	128	5.715	5.724	-0.009	52	2700	0.2088	
41 2-Methylnaphthalene	142	6.405	6.412	-0.007	59	1612	0.2185	
42 1-Methylnaphthalene	142	6.498	6.517	-0.019	1	683	0.1071	
$ 48 2-Fluorobiphenyl	172	6.777	6.785	-0.008	98	371553	45.3	
55 1,3-Dimethylnaphthalene	156	7.104	7.123	-0.019	64	1433	0.2672	
* 61 Acenaphthene-d10	164	7.440	7.451	-0.011	93	240254	40.0	
$ 76 2,4,6-Tribromophenol	330	8.223	8.230	-0.007	94	39355	42.6	
* 83 Phenanthrene-d10	188	8.899	8.917	-0.018	99	425582	40.0	
$ 91 Terphenyl-d14	244	10.474	10.483	-0.009	96	277761	50.4	
* 96 Chrysene-d12	240	11.672	11.690	-0.018	95	237569	40.0	
* 103 Perylene-d12	264	13.599	13.619	-0.020	97	188437	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94412.D
Lims ID: 460-72174-E-7-A Lab Sample ID: 460-72174-7
Client ID: PMP-4SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 06:47:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-009
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 09:44:32 Calib Date: 27-Feb-2014 14:00:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 13-Mar-2014 09:44:32

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	88-73-3	Benzene, 1-chloro-2-nitro-						
6.042	264892	8.96	35	96	27936	C6H4ClNO2	157	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 35 Naphthalene-d8	5.692	1182124	40.0

QC Flag Legend

Processing Flags

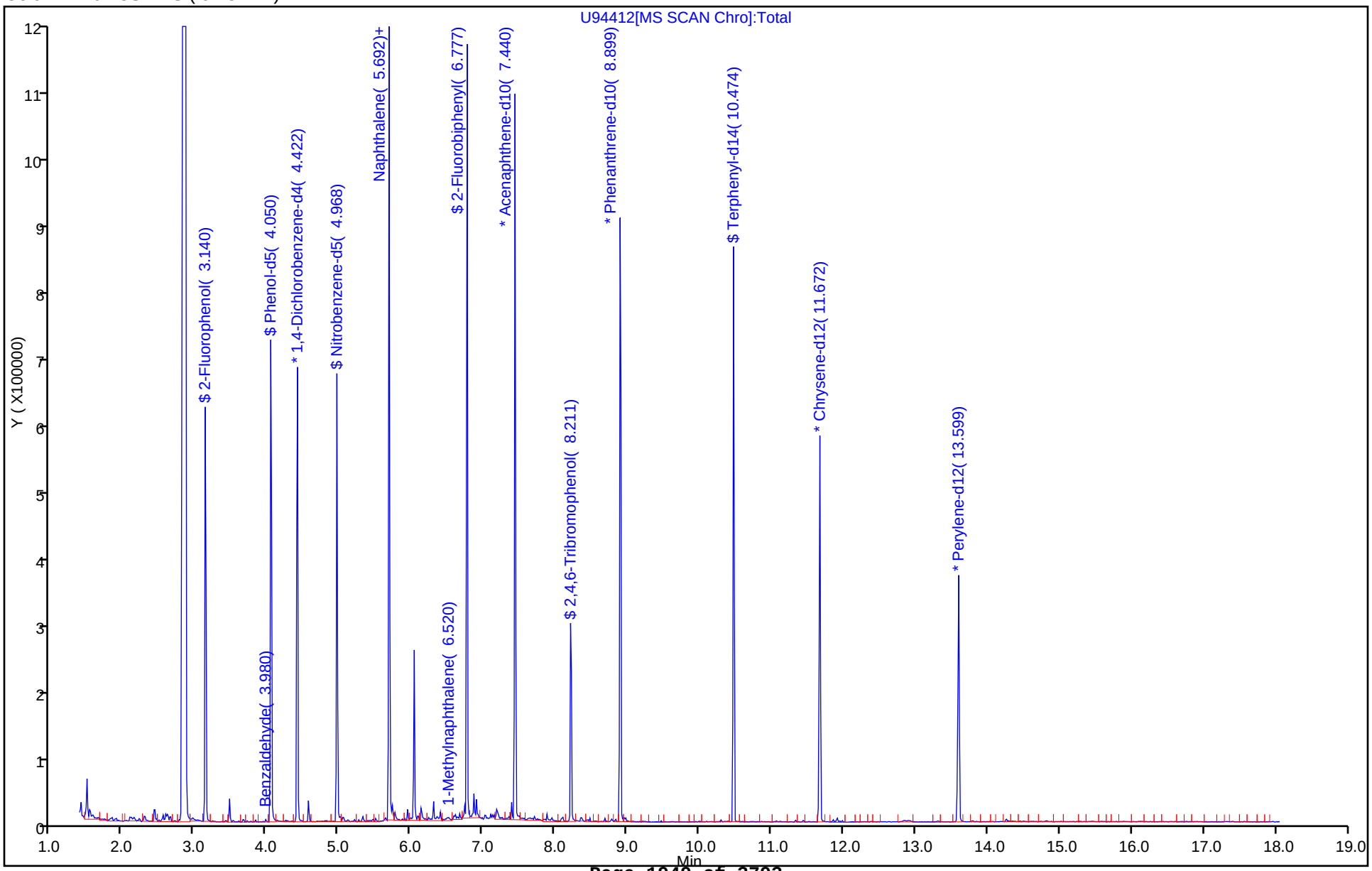
Report Date: 13-Mar-2014 09:44:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94412.D

Injection Date:	11-Mar-2014 06:47:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-72174-E-7-A	Lab Sample ID:	460-72174-7	Worklist Smp#:	9
Client ID:	PMP-4SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270_4R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 13-Mar-2014 09:44:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94412.D

Injection Date: 11-Mar-2014 06:47:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-7-A Lab Sample ID: 460-72174-7

Client ID: PMP-4SW-VD

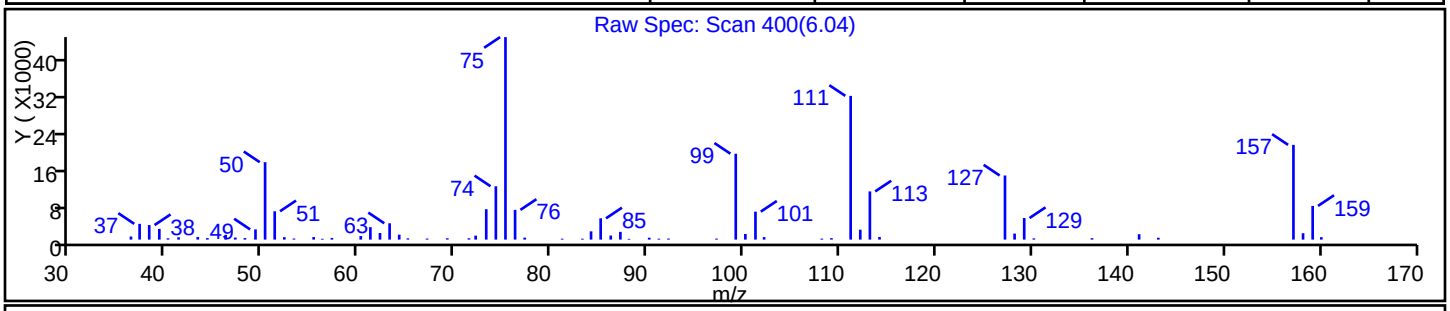
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9

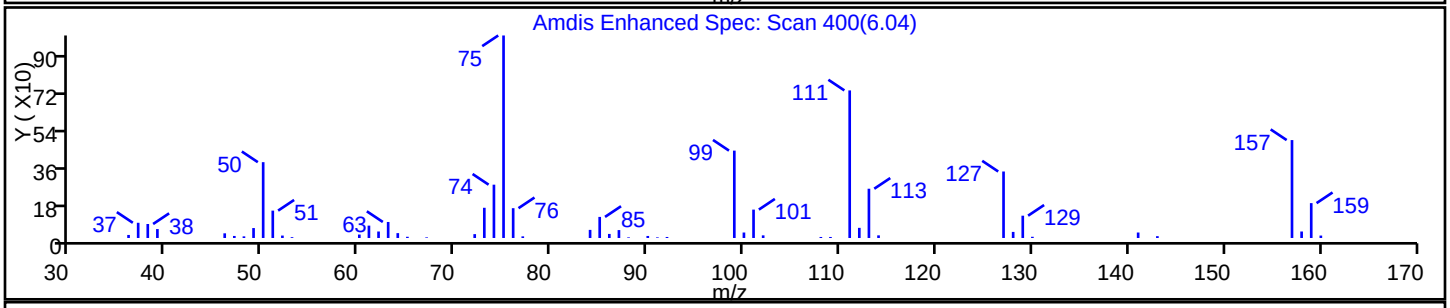
Injection Vol: 1.0 ul Dil. Factor: 1.0000

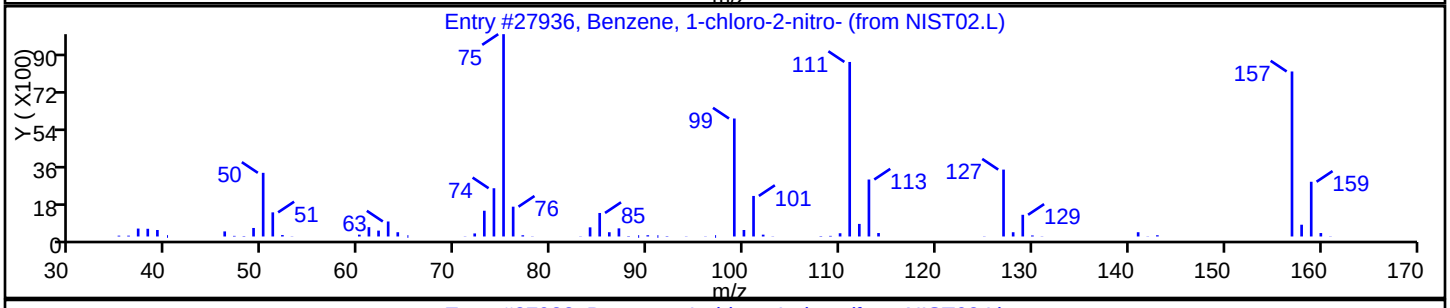
Method: 8270_4R Limit Group: SV 8270 ICAL

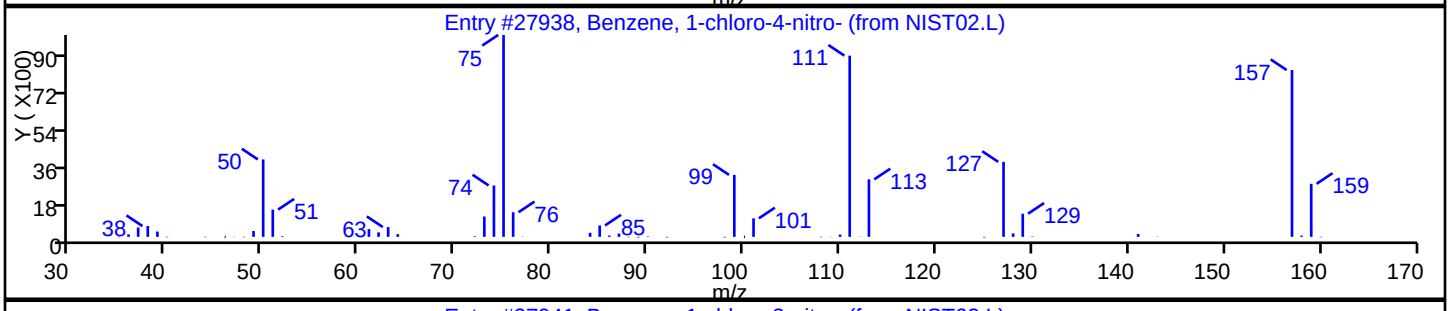
Column: Detector MS SCAN

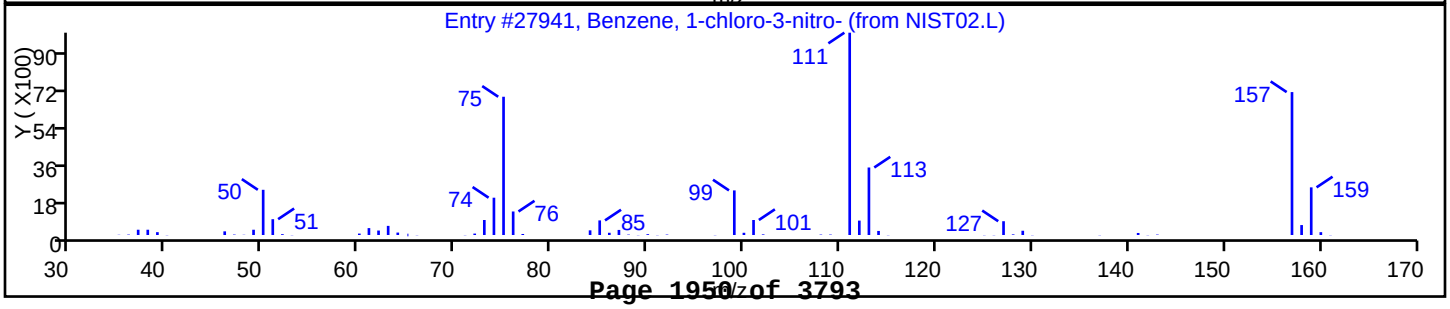
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.L	27936	C6H4ClNO2	157	96
Benzene, 1-chloro-4-nitro-	100-00-5	NIST02.L	27938	C6H4ClNO2	157	95
Benzene, 1-chloro-3-nitro-	121-73-3	NIST02.L	27941	C6H4ClNO2	157	94











FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-VS | Lab Sample ID: 460-72174-8

Matrix: Solid | Lab File ID: U94427.D

Analysis Method: 8270C | Date Collected: 03/06/2014 10:20

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) | Date Analyzed: 03/11/2014 13:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	48	U	350	48
95-57-8	2-Chlorophenol	47	U	350	47
95-48-7	2-Methylphenol	60	U	350	60
106-44-5	4-Methylphenol	70	U	350	70
100-52-7	Benzaldehyde	42	U	350	42
98-86-2	Acetophenone	54	U	350	54
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.9	U	35	5.9
98-95-3	Nitrobenzene	5.0	U *	35	5.0
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	43	U	350	43
88-75-5	2-Nitrophenol	40	U	350	40
105-67-9	2,4-Dimethylphenol	87	U	350	87
120-83-2	2,4-Dichlorophenol	52	U	350	52
111-91-1	Bis(2-chloroethoxy)methane	46	U	350	46
91-20-3	Naphthalene	41	U	350	41
106-47-8	4-Chloroaniline	94	U	350	94
87-68-3	Hexachlorobutadiene	8.6	U	72	8.6
105-60-2	Caprolactam	82	U	350	82
59-50-7	4-Chloro-3-methylphenol	53	U	350	53
91-57-6	2-Methylnaphthalene	46	U	350	46
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	42	U	350	42
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	46	U	350	46
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	40	U	350	40
88-74-4	2-Nitroaniline	150	U	720	150
606-20-2	2,6-Dinitrotoluene	11	U	72	11
131-11-3	Dimethyl phthalate	42	U	350	42
208-96-8	Acenaphthylene	42	U	350	42
99-09-2	3-Nitroaniline	130	U	720	130
83-32-9	Acenaphthene	52	U	350	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-VS | Lab Sample ID: 460-72174-8

Matrix: Solid | Lab File ID: U94427.D

Analysis Method: 8270C | Date Collected: 03/06/2014 10:20

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) | Date Analyzed: 03/11/2014 13:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	42	U	350	42
84-66-2	Diethyl phthalate	42	U	350	42
86-73-7	Fluorene	45	U	350	45
206-44-0	Fluoranthene	47	U	350	47
84-74-2	Di-n-butyl phthalate	44	U	350	44
121-14-2	2,4-Dinitrotoluene	12	U	72	12
7005-72-3	4-Chlorophenyl phenyl ether	42	U	350	42
100-01-6	4-Nitroaniline	110	U	720	110
534-52-1	4,6-Dinitro-2-methylphenol	97	U	1100	97
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	55	U	350	55
120-12-7	Anthracene	43	U	350	43
86-74-8	Carbazole	42	U	350	42
85-01-8	Phenanthrene	45	U	350	45
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	30	U	350	30
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.7	U	35	2.7
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.5	U	35	2.5
86-30-6	N-Nitrosodiphenylamine	35	U	350	35
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	23	U	350	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.6	U	35	6.6
53-70-3	Dibenz(a,h)anthracene	4.5	U	35	4.5
91-94-1	3,3'-Dichlorobenzidine	120	U	720	120
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U	350	48
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	350	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-VS | Lab Sample ID: 460-72174-8

Matrix: Solid | Lab File ID: U94427.D

Analysis Method: 8270C | Date Collected: 03/06/2014 10:20

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) | Date Analyzed: 03/11/2014 13:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	59		40-106
4165-62-2	Phenol-d5	80		44-104
1718-51-0	Terphenyl-d14	90		41-145
118-79-6	2,4,6-Tribromophenol	88		19-114
367-12-4	2-Fluorophenol	63		39-103
321-60-8	2-Fluorobiphenyl	82		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-VS | Lab Sample ID: 460-72174-8

Matrix: Solid | Lab File ID: U94427.D

Analysis Method: 8270C | Date Collected: 03/06/2014 10:20

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) | Date Analyzed: 03/11/2014 13:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 39630

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	2.87	30000	J
100-00-5	Benzene, 1-chloro-4-nitro-	6.05	620	J N
74645-98-0	Dodecane, 2,7,10-trimethyl-	8.37	350	J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	9.00	490	J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	9.25	1400	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	9.39	420	J N
32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	9.52	710	J N
41464-40-8	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	9.55	600	J N
41464-40-8	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	9.68	890	J N
32598-11-1	1,1'-Biphenyl, 2,3',4',5-tetrachloro-	9.78	970	J N
2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	9.97	520	J N
2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	10.03	1200	J N
52663-58-8	1,1'-Biphenyl, 2,3,4',6-tetrachloro-	10.16	690	J N
38380-03-9	1,1'-Biphenyl, 2,3,3',4',6-pentachloro-	10.20	310	J N
6971-40-0	17-Pentatriacontene	12.38	460	J N

Report Date: 13-Mar-2014 11:08:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94427.D
Lims ID: 460-72174-E-8-A Lab Sample ID: 460-72174-8
Client ID: PMP-22SW-VS
Sample Type: Client
Inject. Date: 11-Mar-2014 13:40:30 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-024
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 11:08:05 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 13-Mar-2014 11:08:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.139	3.127	0.012	84	187564	31.6	
5 Benzaldehyde	77	3.986	3.977	0.009	33	636	0.1123	
$ 6 Phenol-d5	99	4.056	4.071	-0.015	72	288142	40.2	
* 13 1,4-Dichlorobenzene-d4	152	4.418	4.430	-0.012	96	135626	40.0	
$ 25 Nitrobenzene-d5	82	4.965	4.990	-0.025	94	212742	29.3	
* 35 Naphthalene-d8	136	5.696	5.701	-0.005	100	589019	40.0	
36 Naphthalene	128	5.719	5.724	-0.005	49	4375	0.2889	
41 2-Methylnaphthalene	142	6.407	6.412	-0.005	71	2557	0.2961	
$ 48 2-Fluorobiphenyl	172	6.779	6.785	-0.006	98	312688	40.8	
* 61 Acenaphthene-d10	164	7.439	7.451	-0.012	92	224802	40.0	
$ 76 2,4,6-Tribromophenol	330	8.221	8.230	-0.009	94	38074	44.1	
* 83 Phenanthrene-d10	188	8.908	8.917	-0.009	99	288044	40.0	
$ 91 Terphenyl-d14	244	10.471	10.483	-0.012	96	187893	44.9	
* 96 Chrysene-d12	240	11.672	11.690	-0.018	96	180042	40.0	
* 103 Perylene-d12	264	13.605	13.619	-0.014	98	205407	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94427.D
Lims ID: 460-72174-E-8-A Lab Sample ID: 460-72174-8
Client ID: PMP-22SW-VS
Sample Type: Client
Inject. Date: 11-Mar-2014 13:40:30 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-024
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 11:08:05 Calib Date: 27-Feb-2014 14:00:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 13-Mar-2014 11:08:05

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
2.871	10140660	417.5	13					
	100-00-5	Benzene, 1-chloro-4-nitro-						
6.047	295444	8.66	35	97	27933	C6H4ClNO2	157	
	74645-98-0	Dodecane, 2,7,10-trimethyl-						
8.372	102403	4.95	83	91	64587	C15H32	212	
	38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-						
9.001	142954	6.91	83	98	91793	C12H7Cl3	256	M
	38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-						
9.247	414021	20.0	83	98	91793	C12H7Cl3	256	M
	16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-						
9.387	120727	5.84	83	98	91798	C12H7Cl3	256	M
	32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-						
9.515	205127	9.92	83	99	111742	C12H6Cl4	290	M
	41464-40-8	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-						
9.550	172641	8.35	83	99	111721	C12H6Cl4	290	
	41464-40-8	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-						
9.677	257612	12.5	83	99	111721	C12H6Cl4	290	M
	32598-11-1	1,1'-Biphenyl, 2,3',4',5-tetrachloro-						
9.782	281985	13.6	83	99	111737	C12H6Cl4	290	
	2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-						
9.969	149572	7.23	83	99	111724	C12H6Cl4	290	
	2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-						
10.028	350339	16.9	83	99	111744	C12H6Cl4	290	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	52663-58-8	1,1'-Biphenyl, 2,3,4',6-tetrachloro-						
10.156	198432	9.60	83	99	111709	C12H6Cl4	290	
	38380-03-9	1,1'-Biphenyl, 2,3,3',4',6-pentachloro-						
10.203	90683	4.39	83	98	129488	C12H5Cl5	324	
	6971-40-0	17-Pentatriacontene						
12.382	87094	6.37	96	91	168066	C35H70	491	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	4.418	971625	40.0
* 35 Naphthalene-d8	5.696	1365371	40.0
* 83 Phenanthrene-d10	8.896	827056	40.0
* 96 Chrysene-d12	11.672	546612	40.0

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

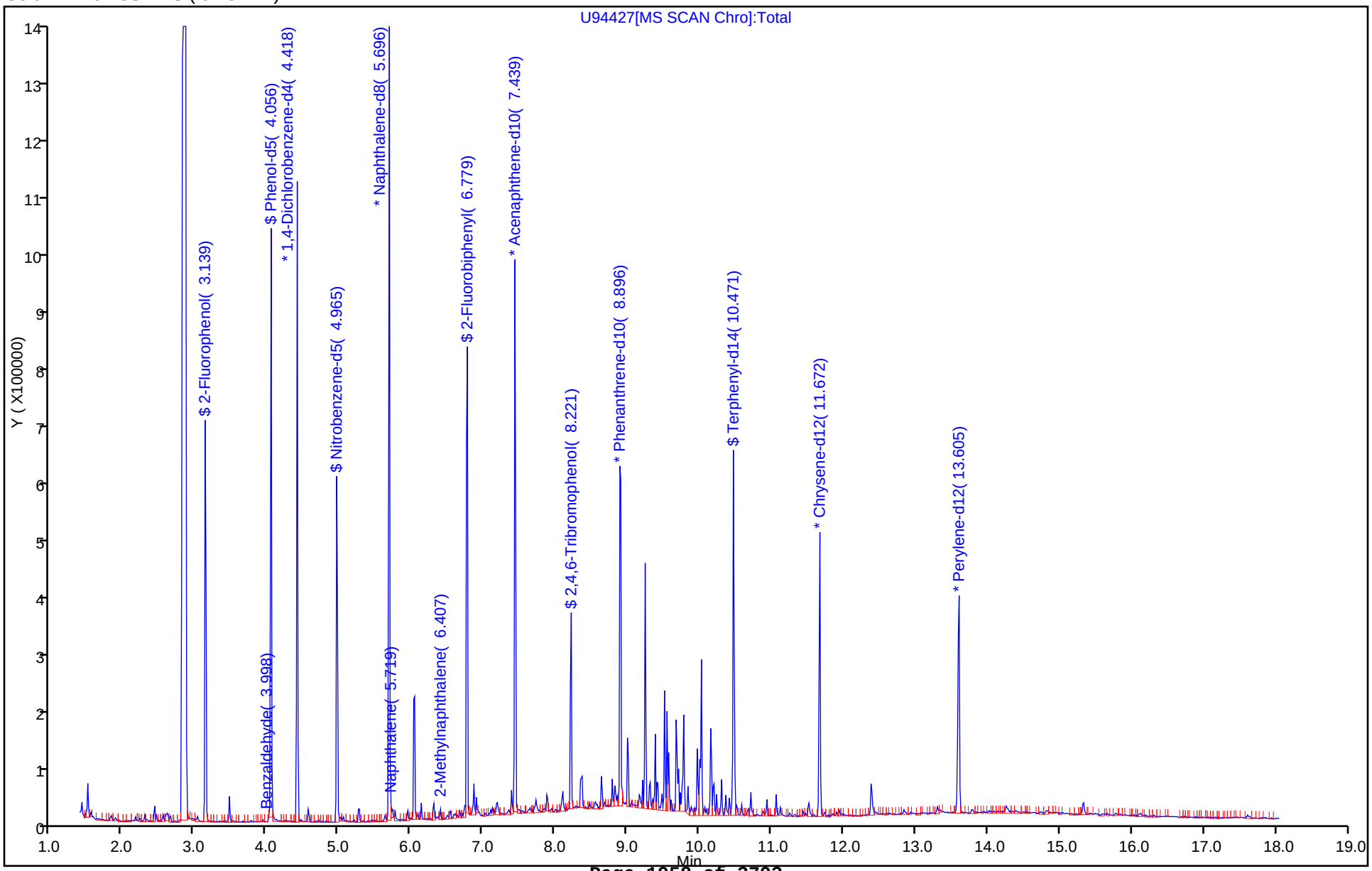
Report Date: 13-Mar-2014 11:08:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94427.D

Injection Date:	11-Mar-2014 13:40:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-72174-E-8-A	Lab Sample ID:	460-72174-8	Worklist Smp#:	24
Client ID:	PMP-22SW-VS				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8270_4R	Limit Group:	SV 8270 ICAL		

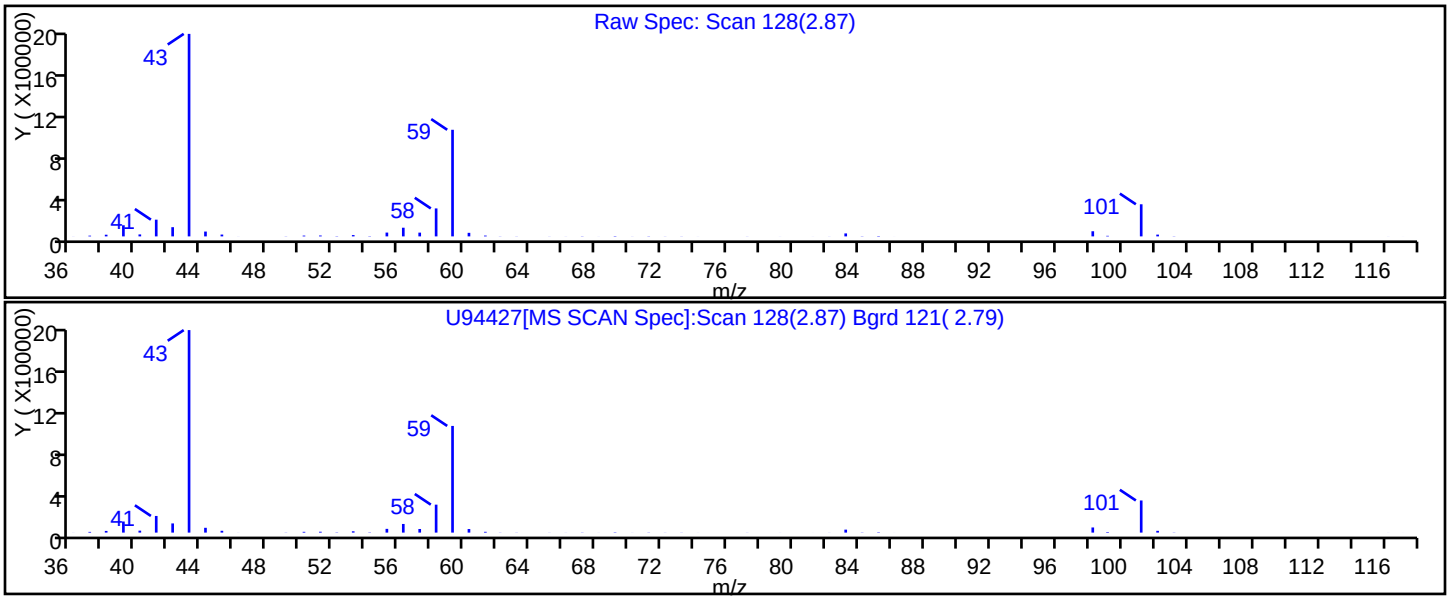
Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 13-Mar-2014 11:08:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94427.D				
Injection Date:	11-Mar-2014 13:40:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-8-A	Lab Sample ID:	460-72174-8		
Client ID:	PMP-22SW-VS				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Solvent:	Number of Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 13-Mar-2014 11:08:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94427.D

Injection Date: 11-Mar-2014 13:40:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-8-A Lab Sample ID: 460-72174-8

Client ID: PMP-22SW-VS

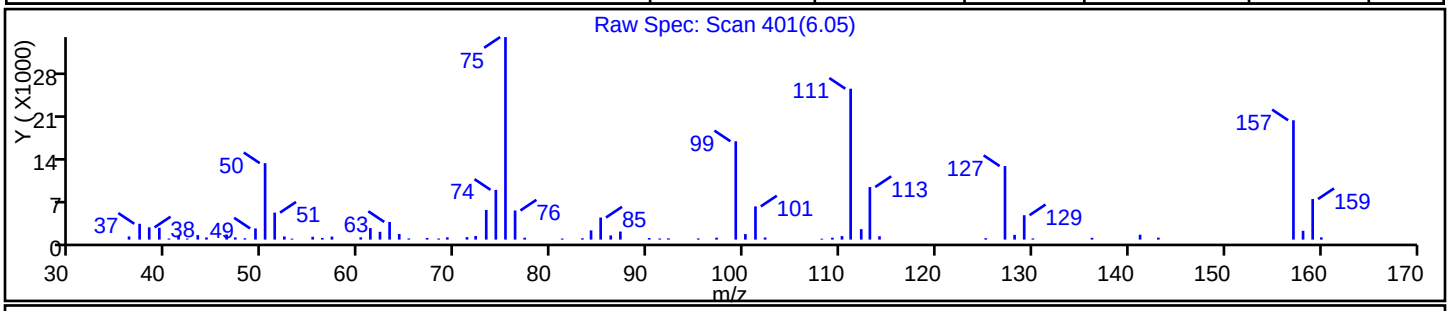
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

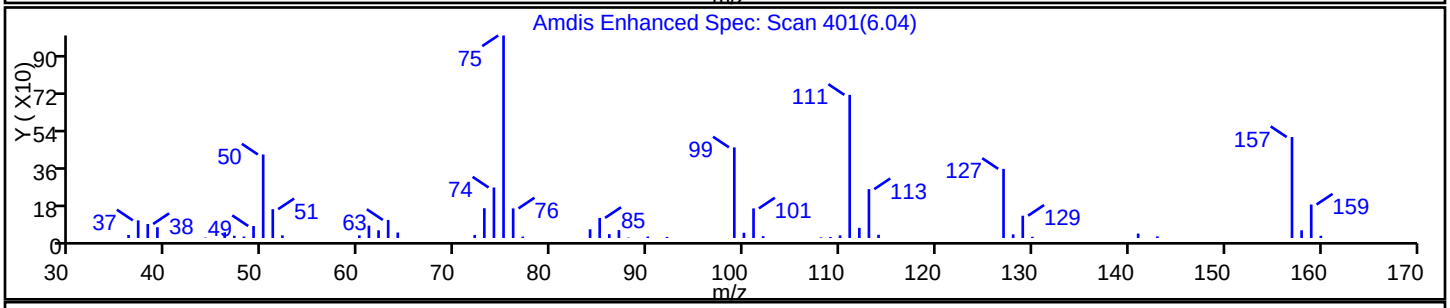
Injection Vol: 1.0 ul Dil. Factor: 1.0000

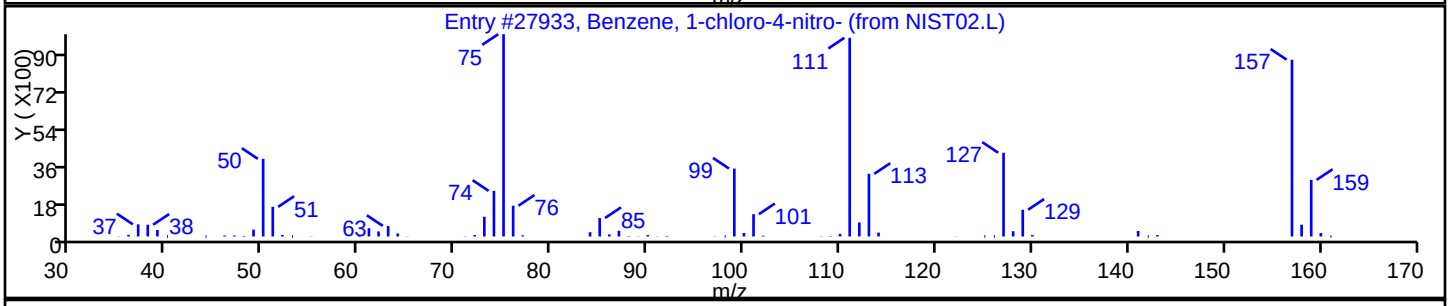
Method: 8270_4R Limit Group: SV 8270 ICAL

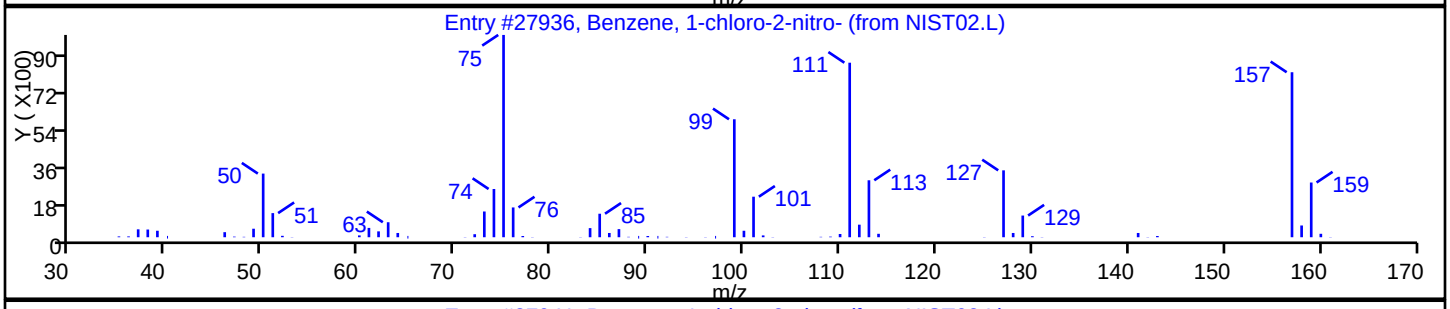
Column: Detector MS SCAN

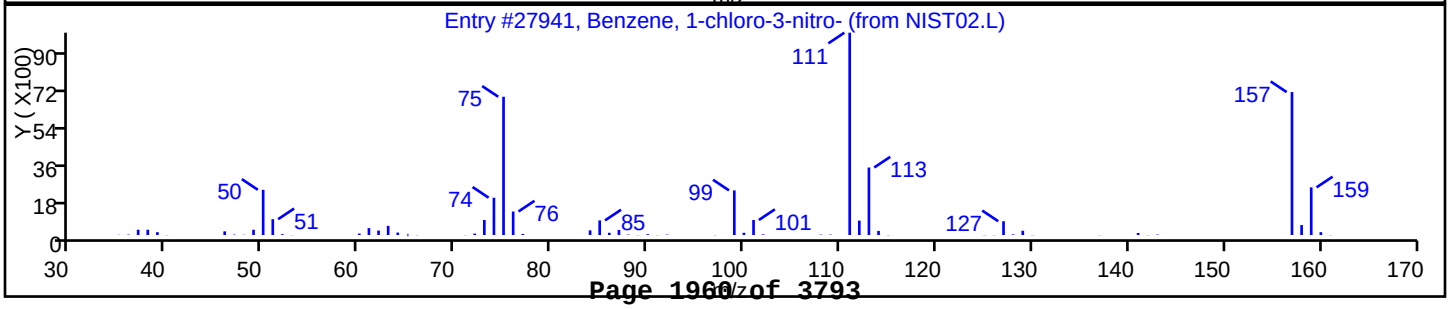
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-chloro-4-nitro-	100-00-5	NIST02.L	27933	C6H4ClNO2	157	97
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.L	27936	C6H4ClNO2	157	96
Benzene, 1-chloro-3-nitro-	121-73-3	NIST02.L	27941	C6H4ClNO2	157	94











Report Date: 13-Mar-2014 11:08:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94427.D

Injection Date: 11-Mar-2014 13:40:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-8-A Lab Sample ID: 460-72174-8

Client ID: PMP-22SW-VS

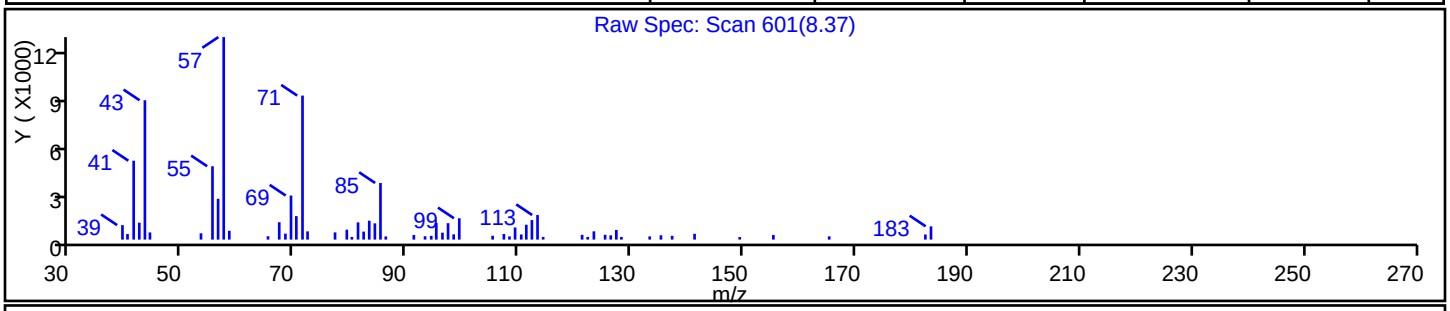
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

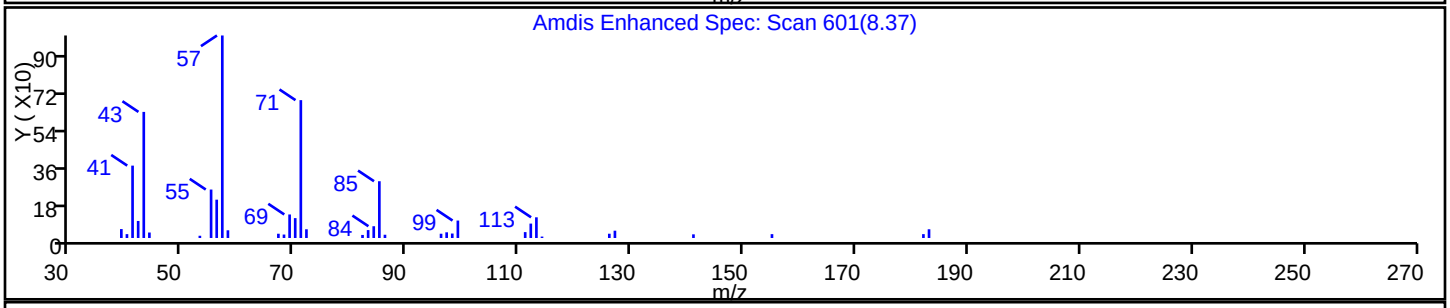
Injection Vol: 1.0 ul Dil. Factor: 1.0000

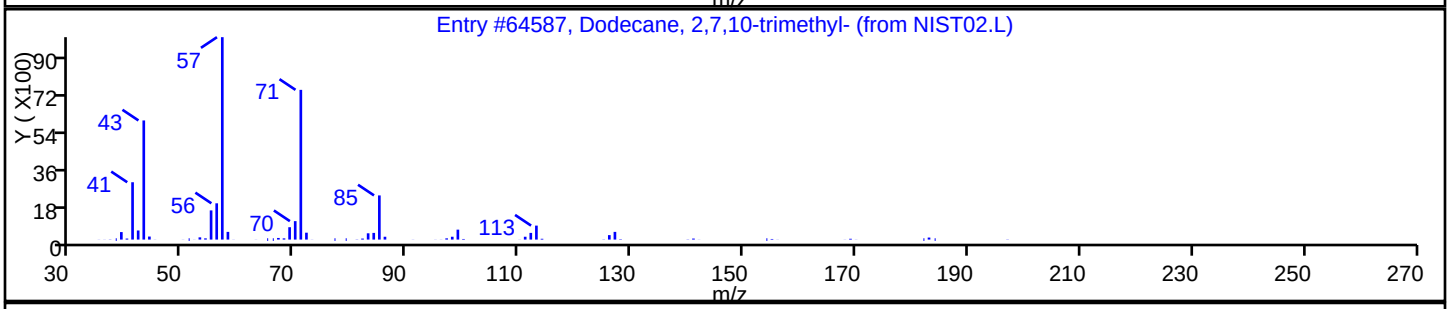
Method: 8270_4R Limit Group: SV 8270 ICAL

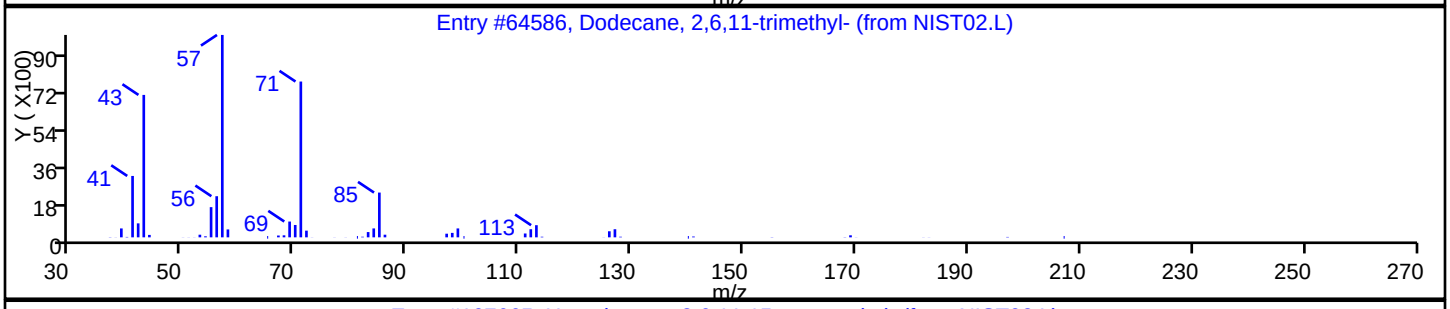
Column: Detector MS SCAN

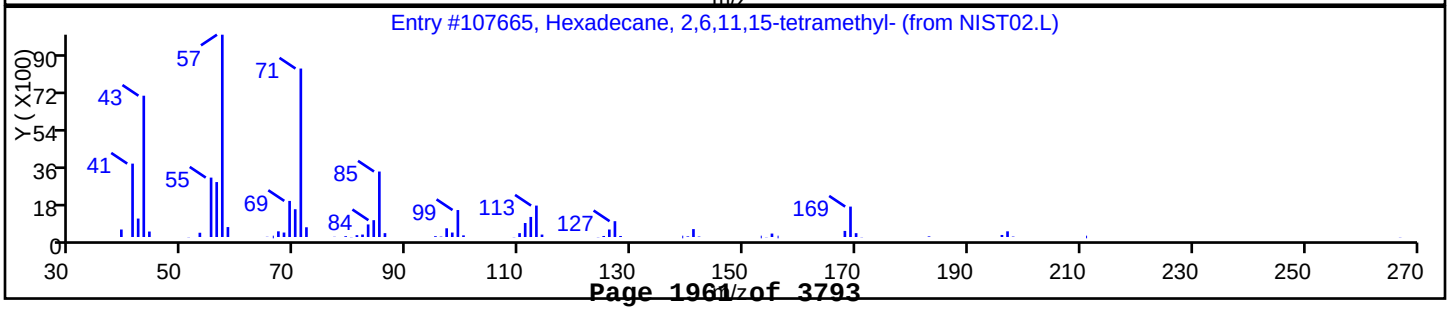
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	91
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64586	C15H32	212	90
Hexadecane, 2,6,11,15-tetramethyl-	504-44-9	NIST02.L	107665	C20H42	282	83











Report Date: 13-Mar-2014 11:08:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94427.D

Injection Date: 11-Mar-2014 13:40:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-8-A Lab Sample ID: 460-72174-8

Client ID: PMP-22SW-VS

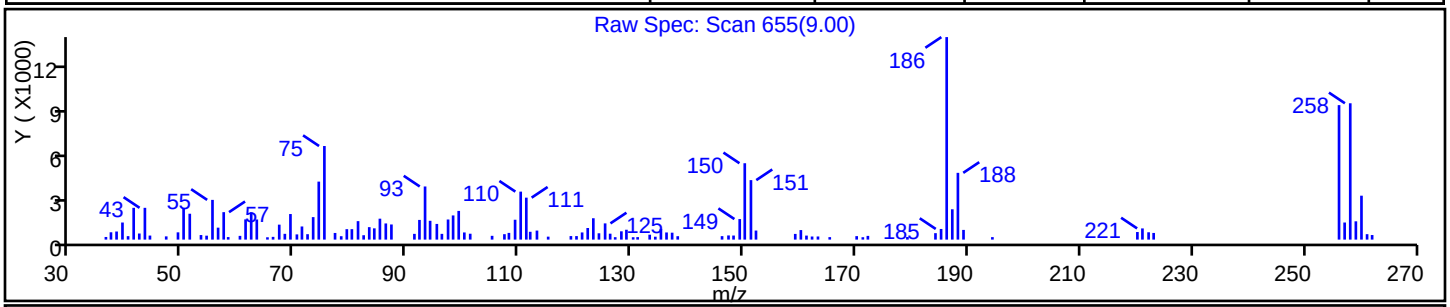
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

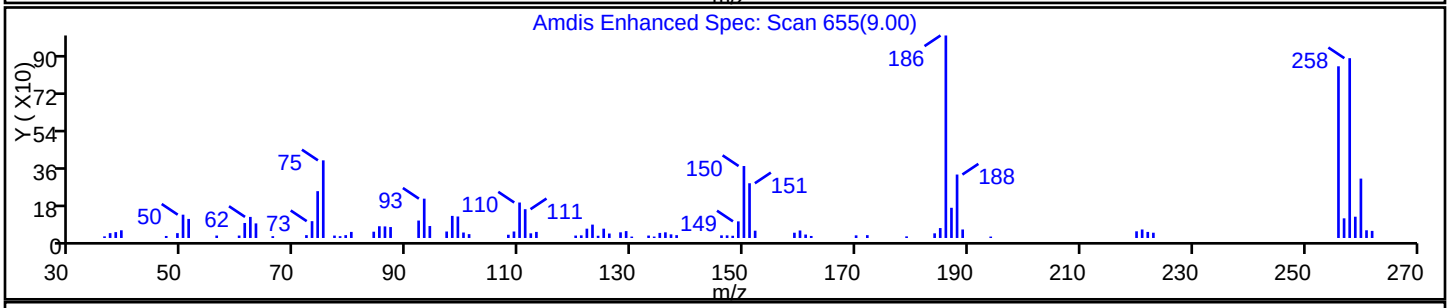
Injection Vol: 1.0 ul Dil. Factor: 1.0000

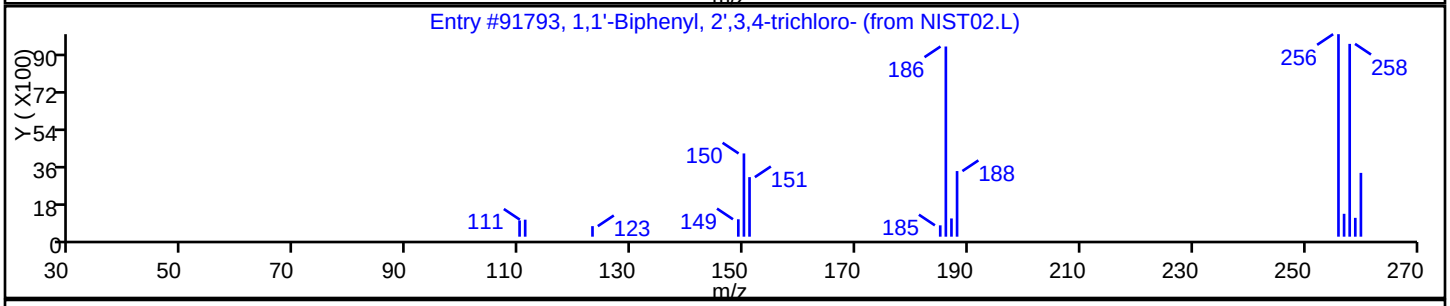
Method: 8270_4R Limit Group: SV 8270 ICAL

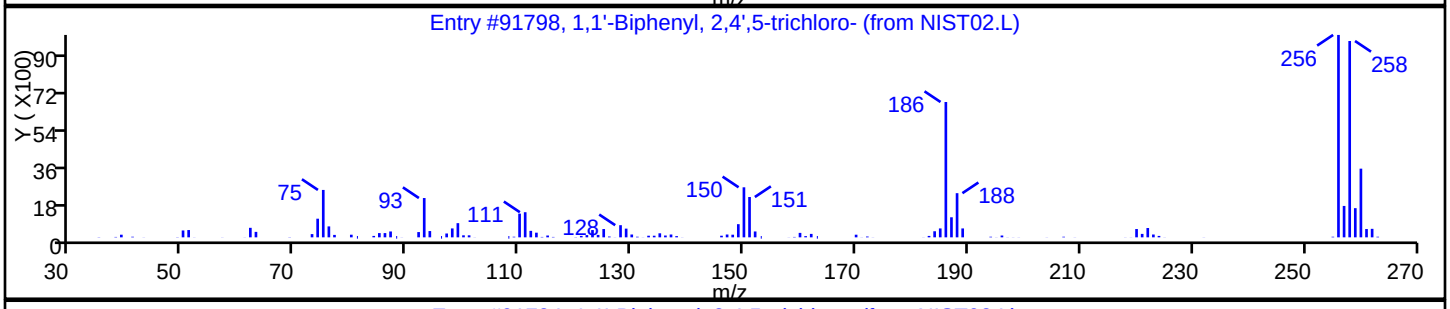
Column: Detector MS SCAN

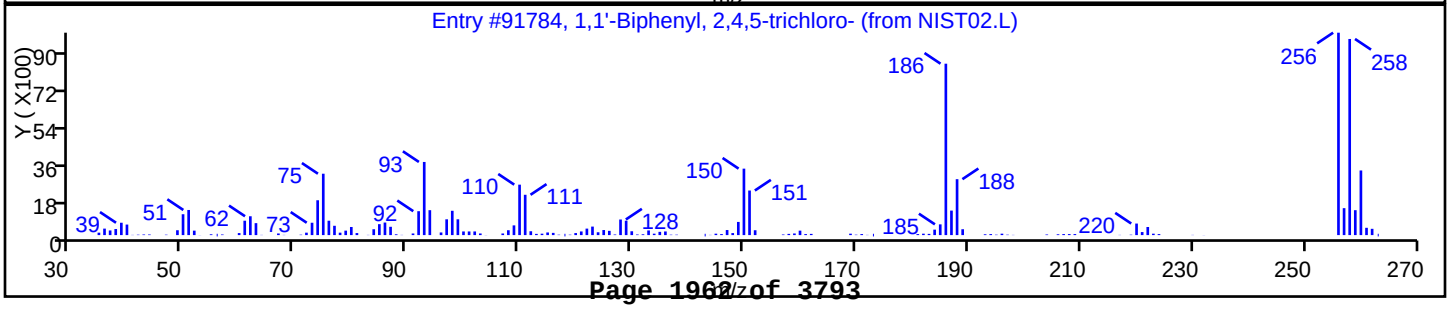
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	98
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91798	C12H7Cl3	256	96
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.L	91784	C12H7Cl3	256	93











Report Date: 13-Mar-2014 11:08:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94427.D

Injection Date: 11-Mar-2014 13:40:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-8-A Lab Sample ID: 460-72174-8

Client ID: PMP-22SW-VS

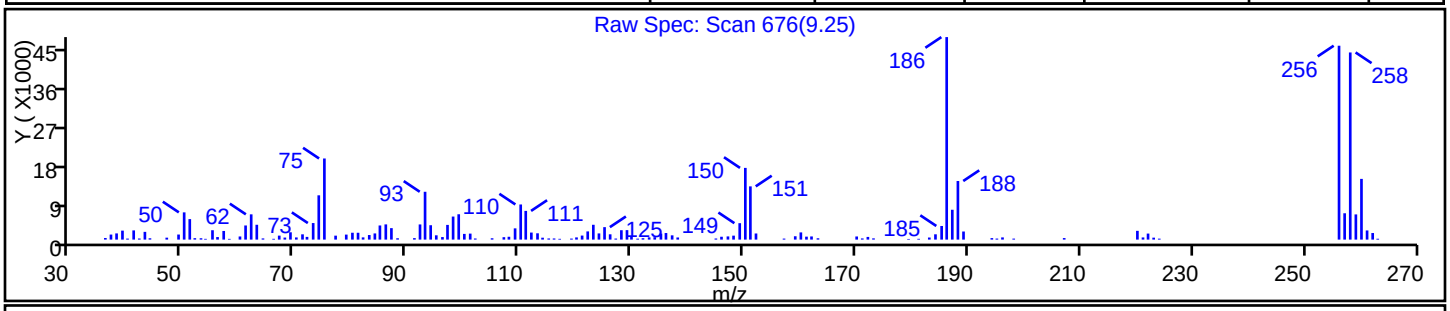
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

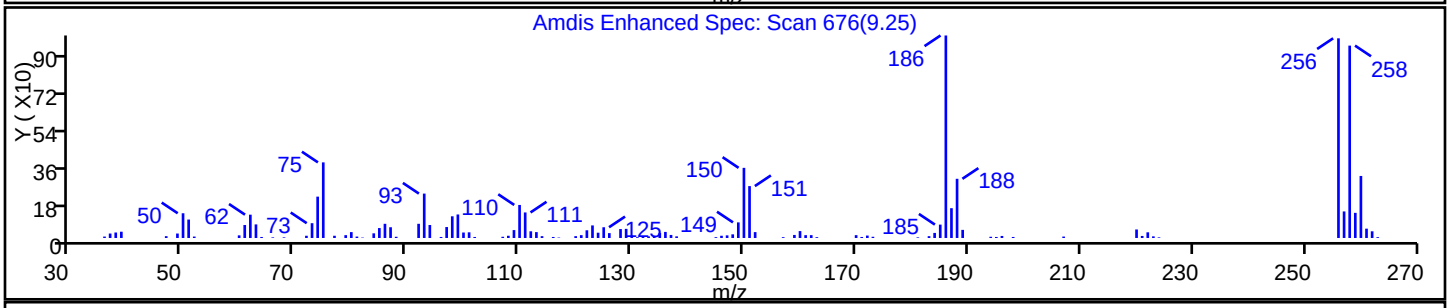
Injection Vol: 1.0 ul Dil. Factor: 1.0000

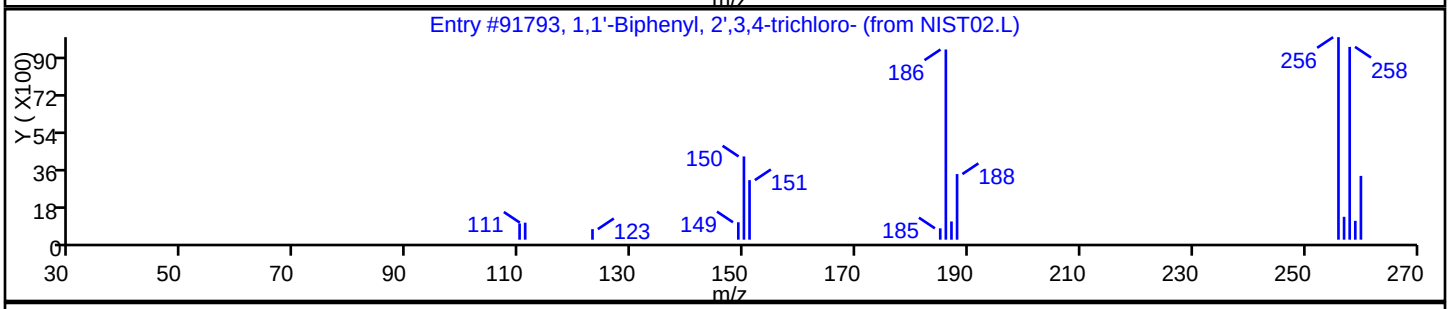
Method: 8270_4R Limit Group: SV 8270 ICAL

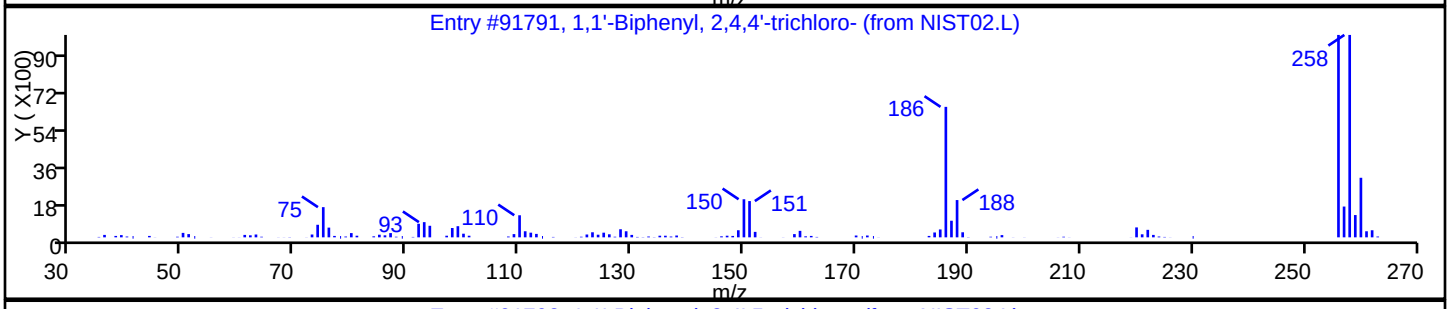
Column: Detector MS SCAN

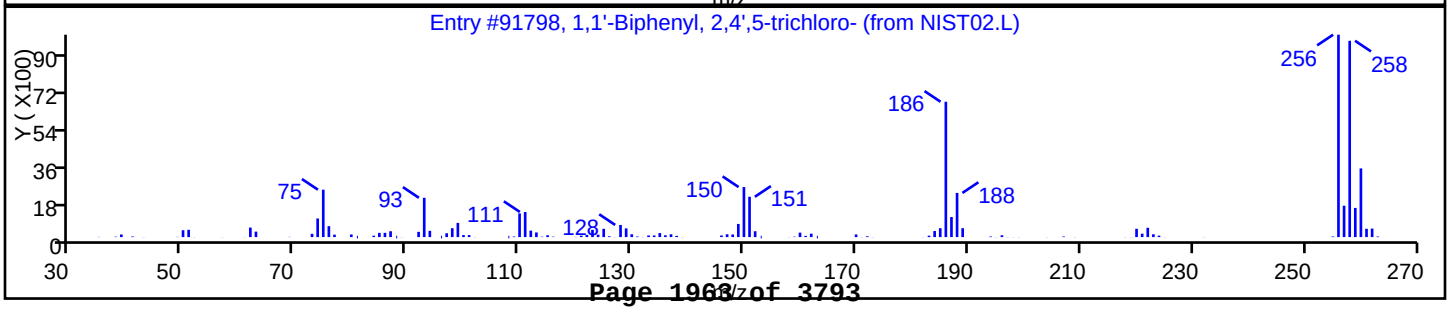
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	98
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	96
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91798	C12H7Cl3	256	95











Report Date: 13-Mar-2014 11:08:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94427.D

Injection Date: 11-Mar-2014 13:40:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-8-A Lab Sample ID: 460-72174-8

Client ID: PMP-22SW-VS

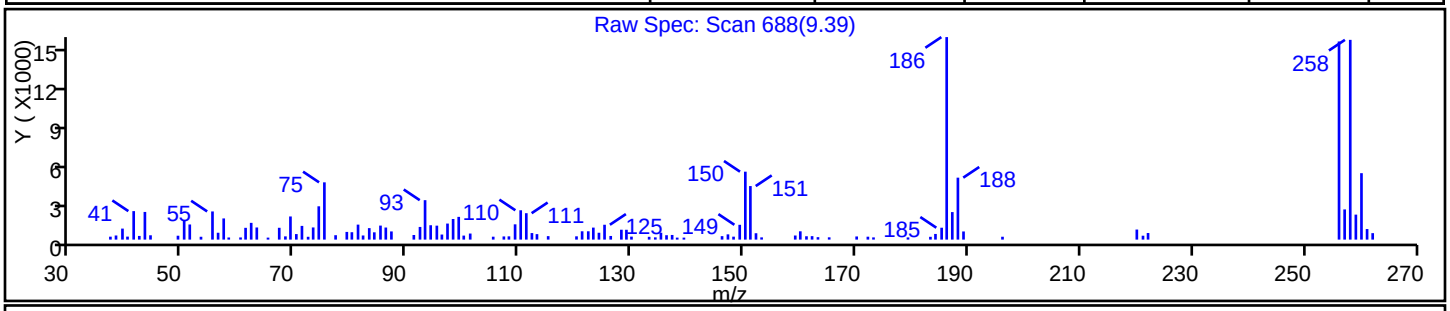
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

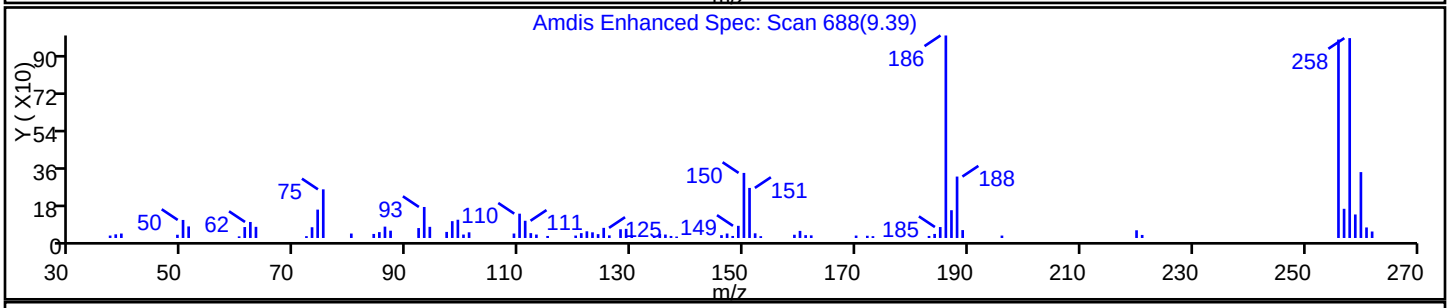
Injection Vol: 1.0 ul Dil. Factor: 1.0000

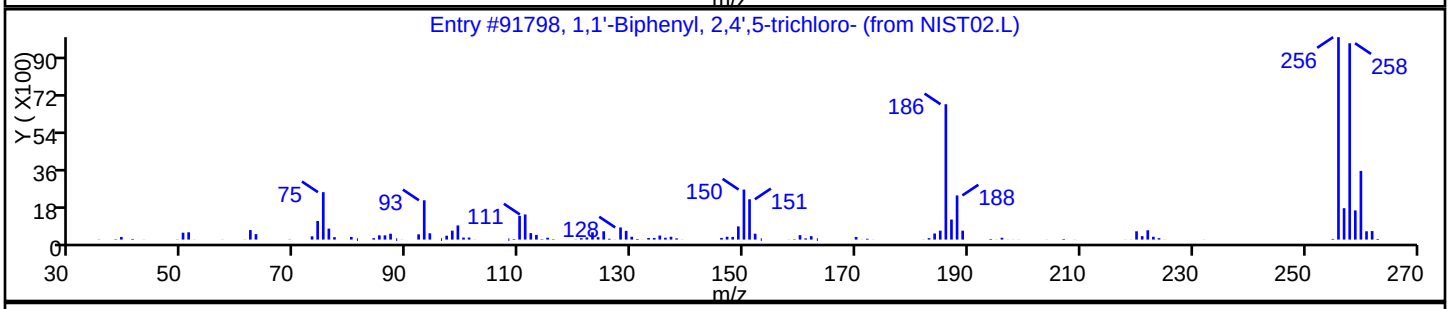
Method: 8270_4R Limit Group: SV 8270 ICAL

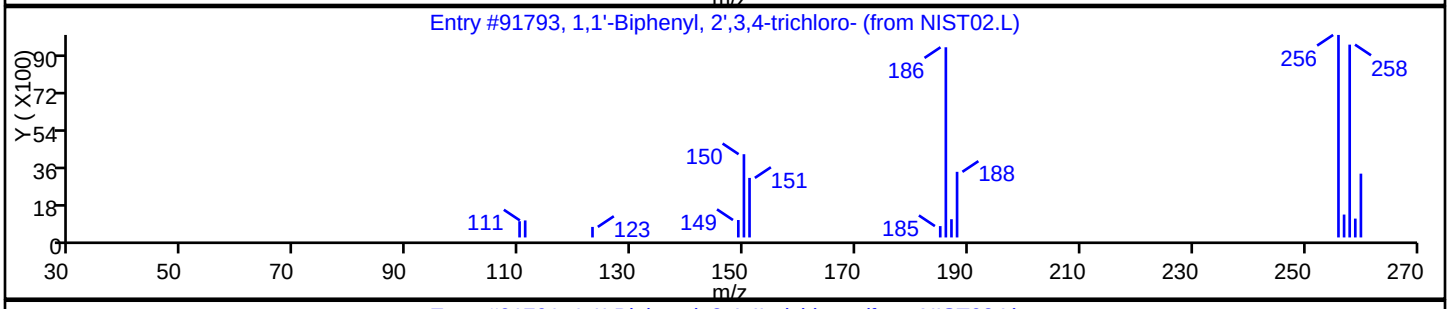
Column: Detector MS SCAN

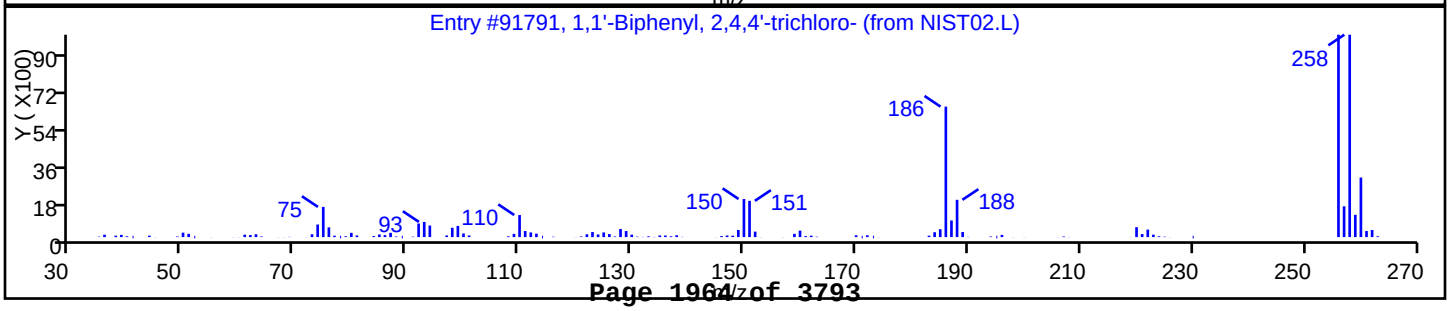
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91798	C12H7Cl3	256	98
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	96
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	96











Report Date: 13-Mar-2014 11:08:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94427.D

Injection Date: 11-Mar-2014 13:40:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-8-A Lab Sample ID: 460-72174-8

Client ID: PMP-22SW-VS

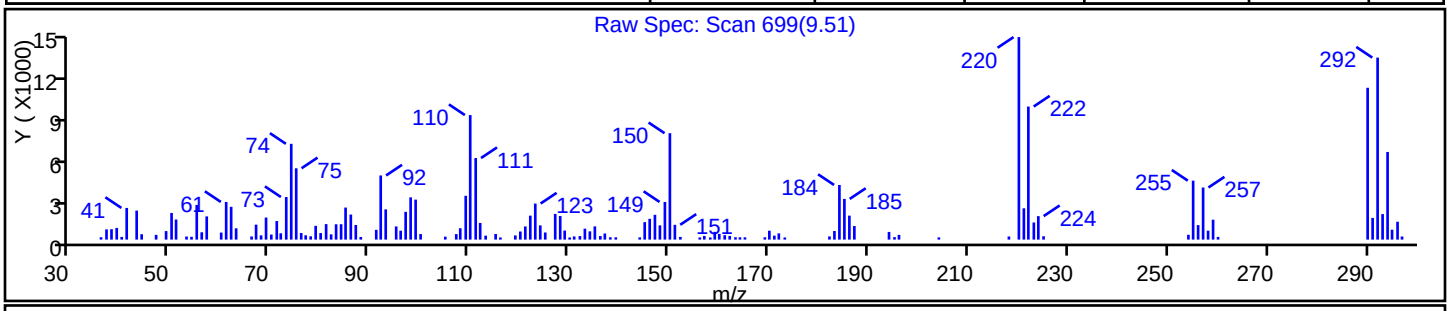
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

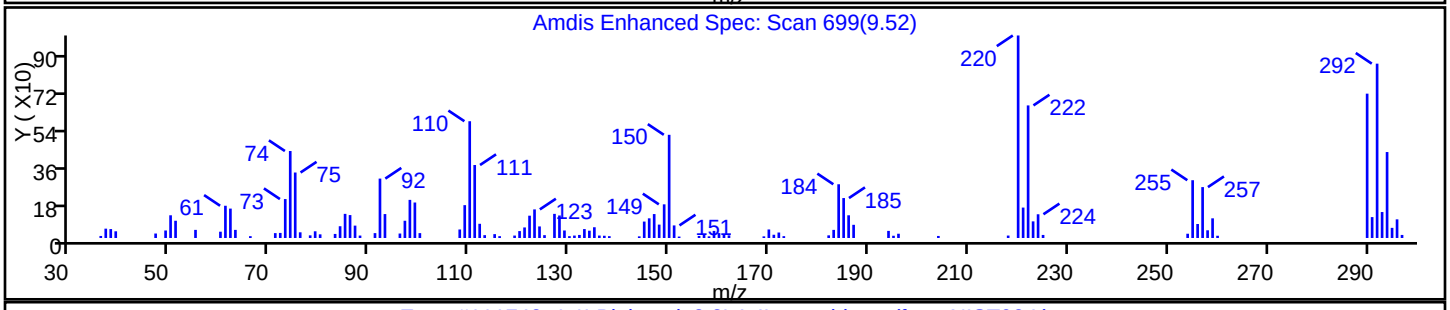
Injection Vol: 1.0 ul Dil. Factor: 1.0000

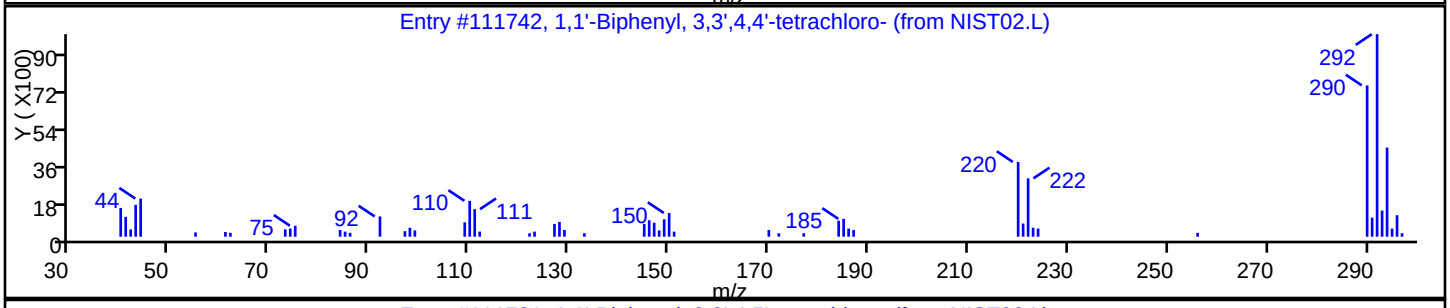
Method: 8270_4R Limit Group: SV 8270 ICAL

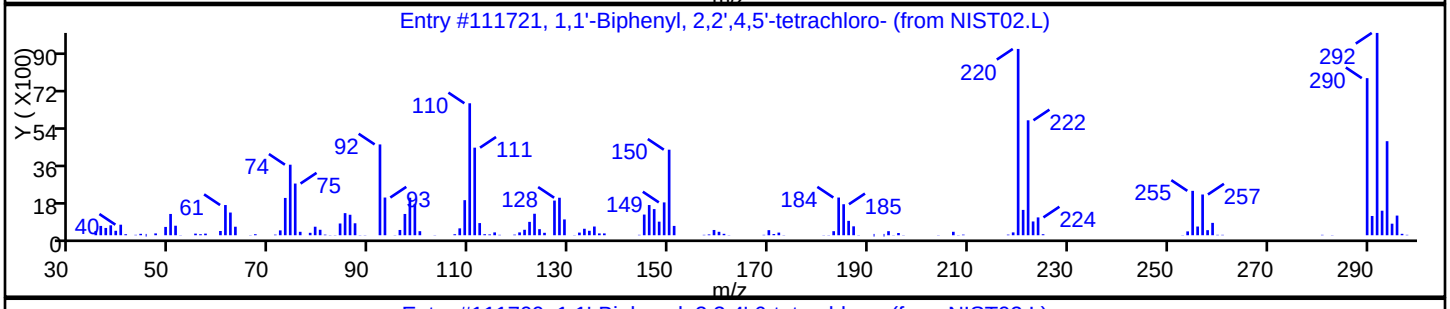
Column: Detector MS SCAN

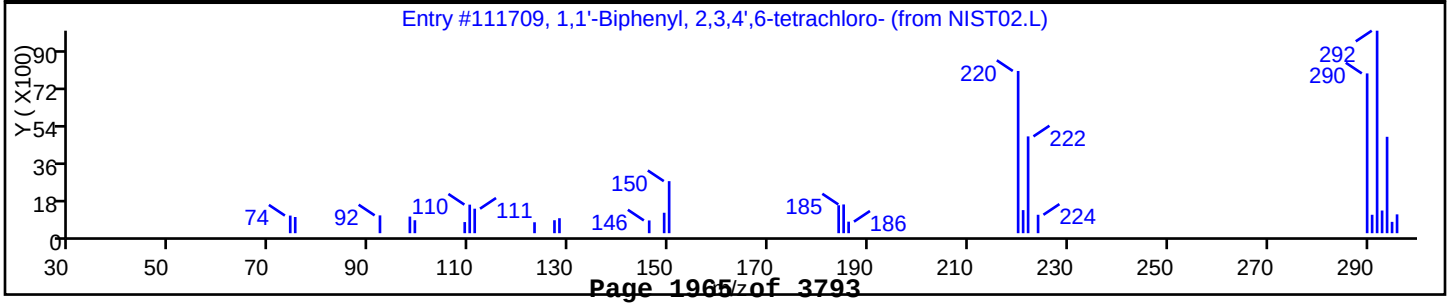
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	41464-40-8	NIST02.L	111721	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	C12H6Cl4	290	98











Report Date: 13-Mar-2014 11:08:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94427.D

Injection Date: 11-Mar-2014 13:40:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-8-A Lab Sample ID: 460-72174-8

Client ID: PMP-22SW-VS

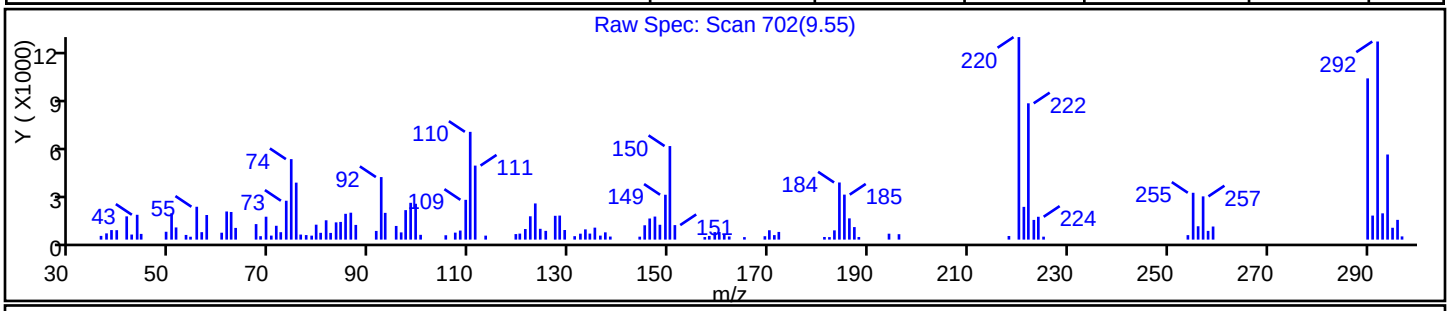
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

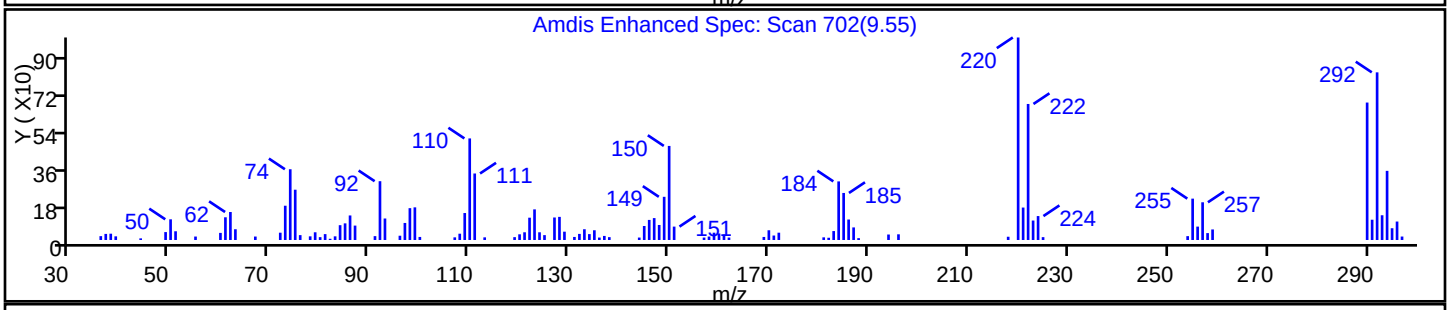
Injection Vol: 1.0 ul Dil. Factor: 1.0000

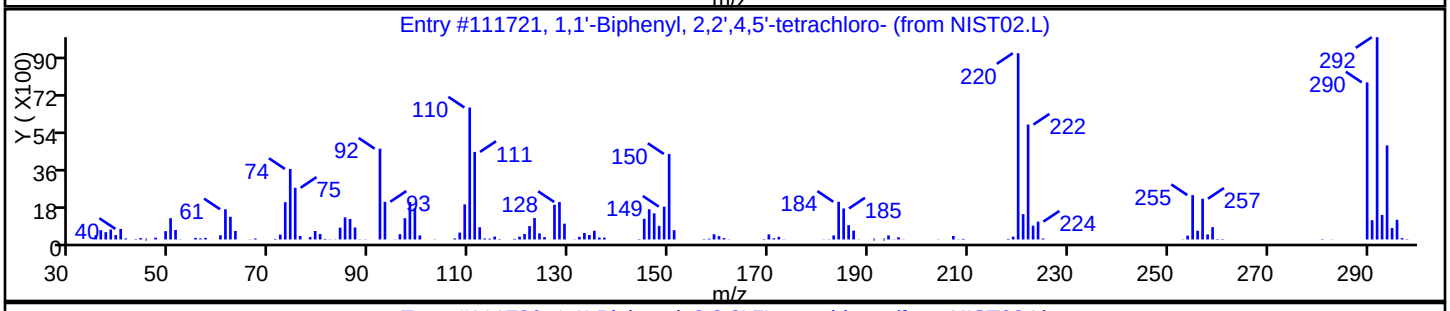
Method: 8270_4R Limit Group: SV 8270 ICAL

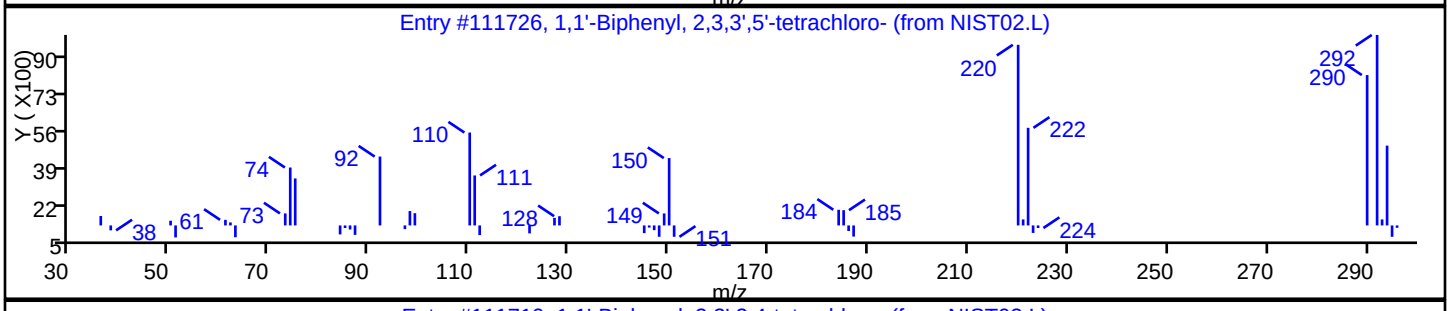
Column: Detector MS SCAN

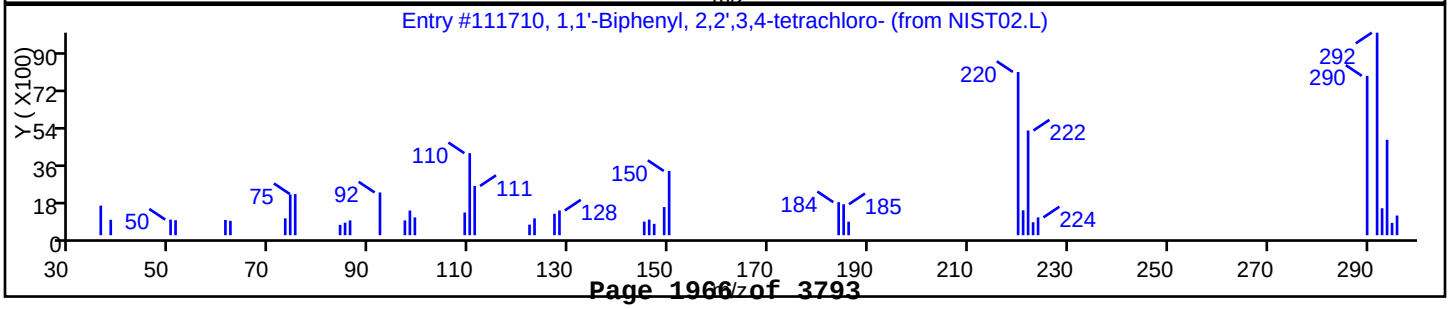
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	41464-40-8	NIST02.L	111721	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3,3',5'-tetrachloro-	41464-49-7	NIST02.L	111726	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',3,4-tetrachloro-	52663-59-9	NIST02.L	111710	C12H6Cl4	290	99











Report Date: 13-Mar-2014 11:08:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94427.D

Injection Date: 11-Mar-2014 13:40:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-8-A Lab Sample ID: 460-72174-8

Client ID: PMP-22SW-VS

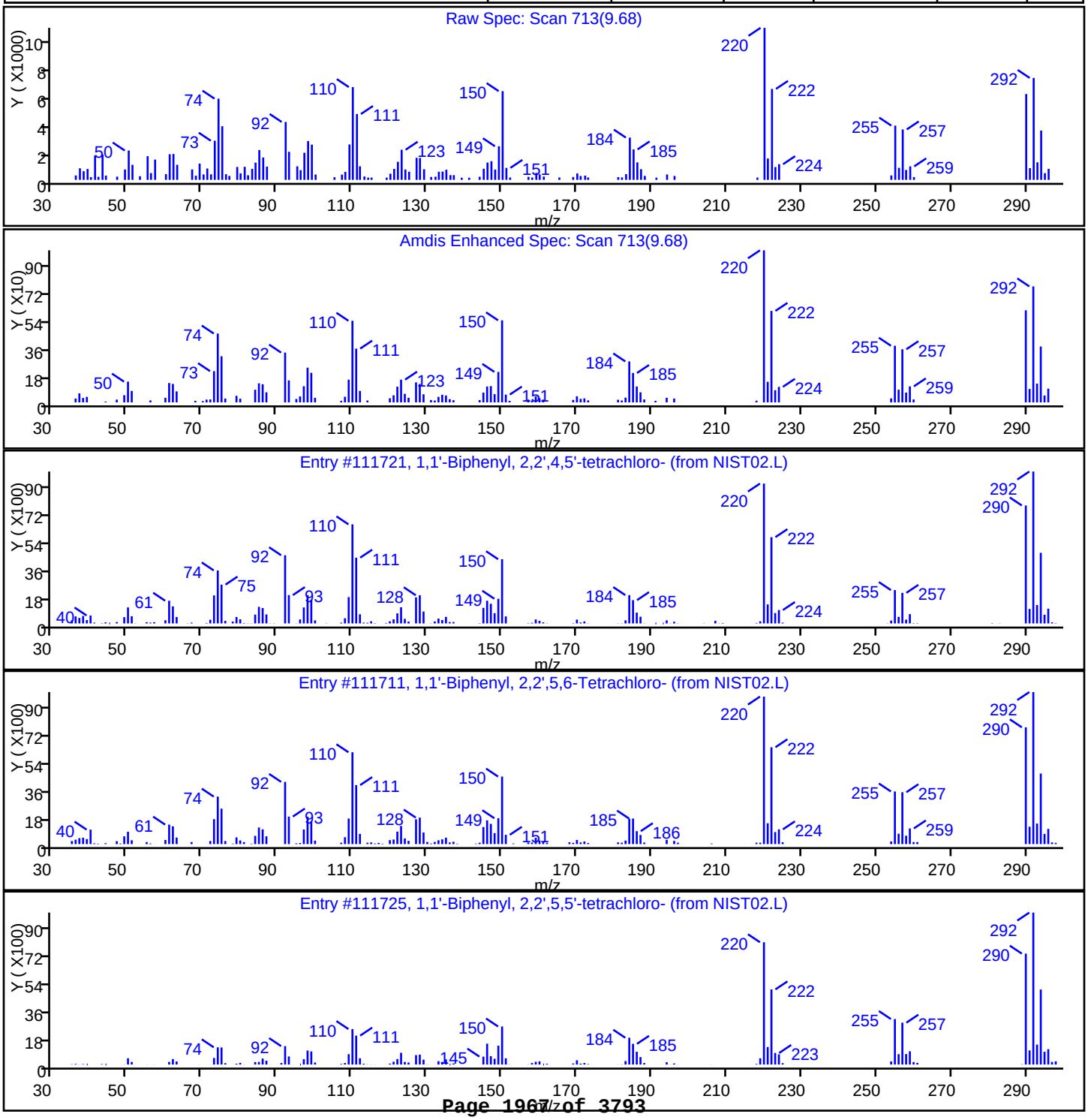
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	41464-40-8	NIST02.L	111721	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	41464-41-9	NIST02.L	111711	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	35693-99-3	NIST02.L	111725	C12H6Cl4	290	99



Report Date: 13-Mar-2014 11:08:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94427.D

Injection Date: 11-Mar-2014 13:40:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-8-A Lab Sample ID: 460-72174-8

Client ID: PMP-22SW-VS

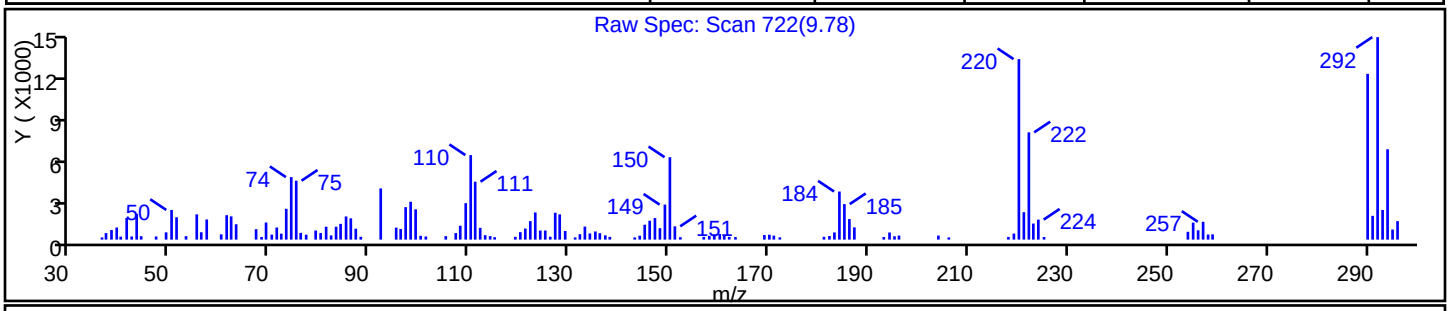
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

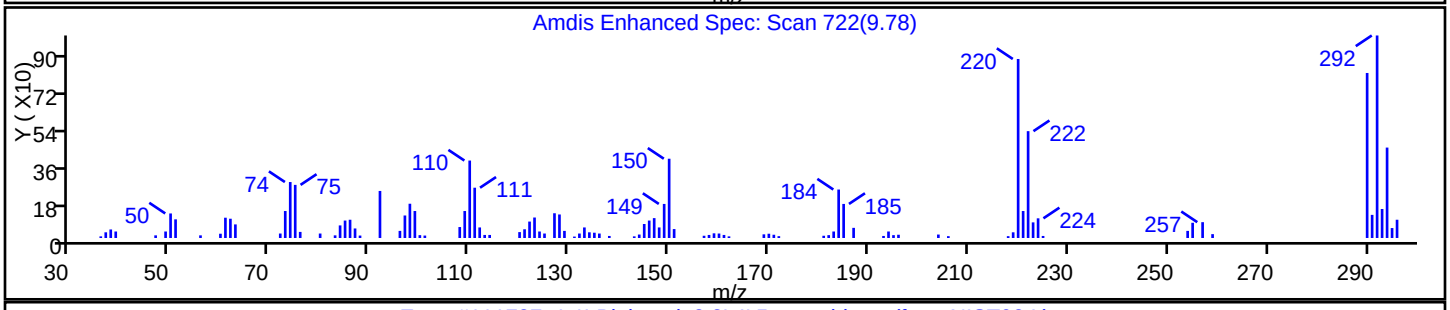
Injection Vol: 1.0 ul Dil. Factor: 1.0000

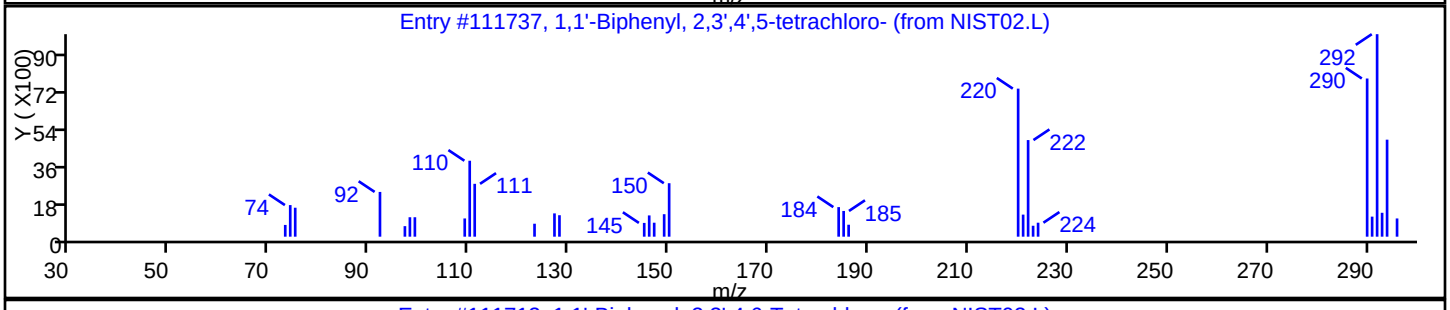
Method: 8270_4R Limit Group: SV 8270 ICAL

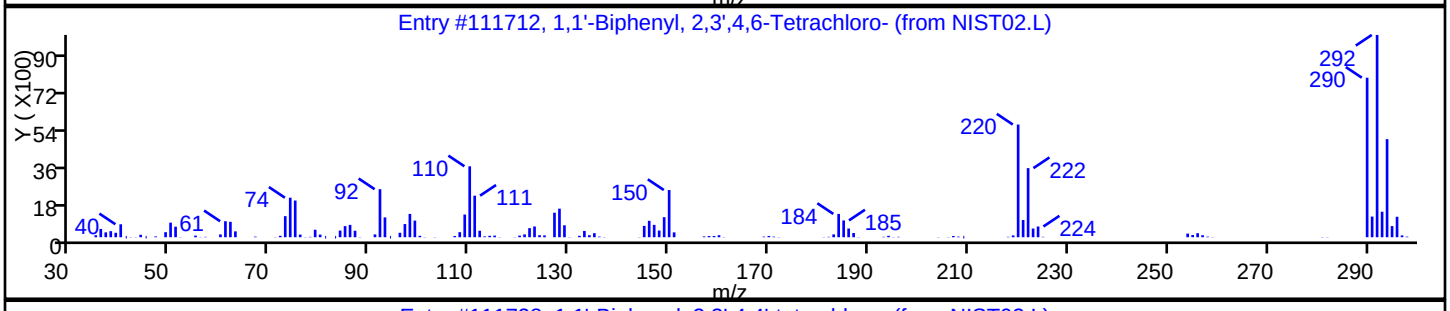
Column: Detector MS SCAN

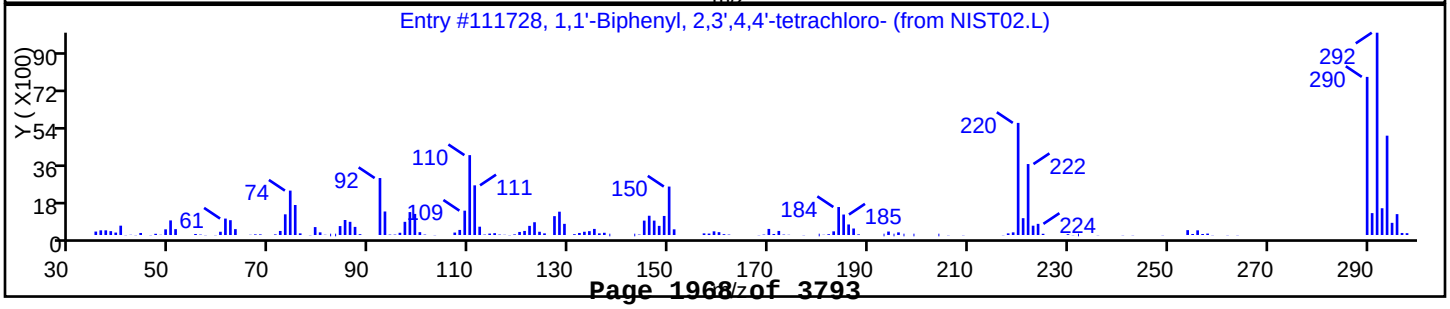
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3',4',5-tetrachloro-	32598-11-1	NIST02.L	111737	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',4,6-Tetrachloro-	60233-24-1	NIST02.L	111712	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',4,4'-tetrachloro-	32598-10-0	NIST02.L	111728	C12H6Cl4	290	99











Report Date: 13-Mar-2014 11:08:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94427.D

Injection Date: 11-Mar-2014 13:40:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-8-A Lab Sample ID: 460-72174-8

Client ID: PMP-22SW-VS

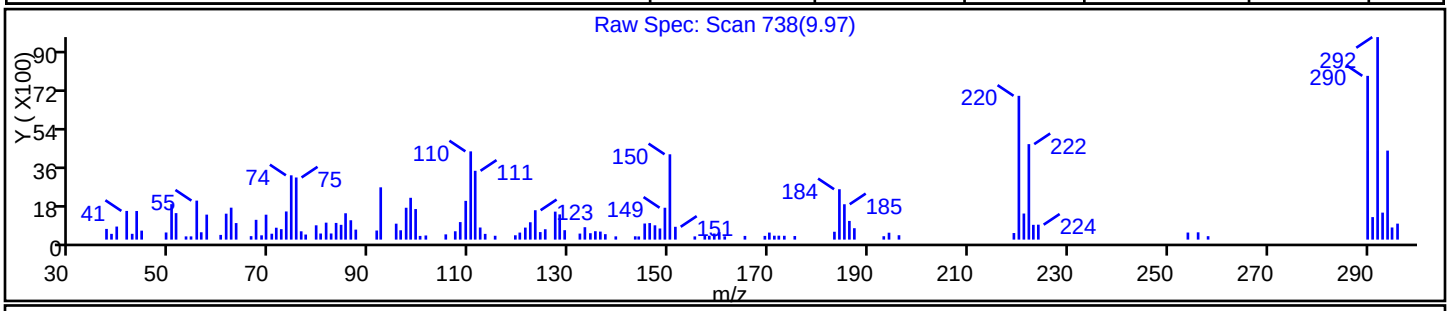
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

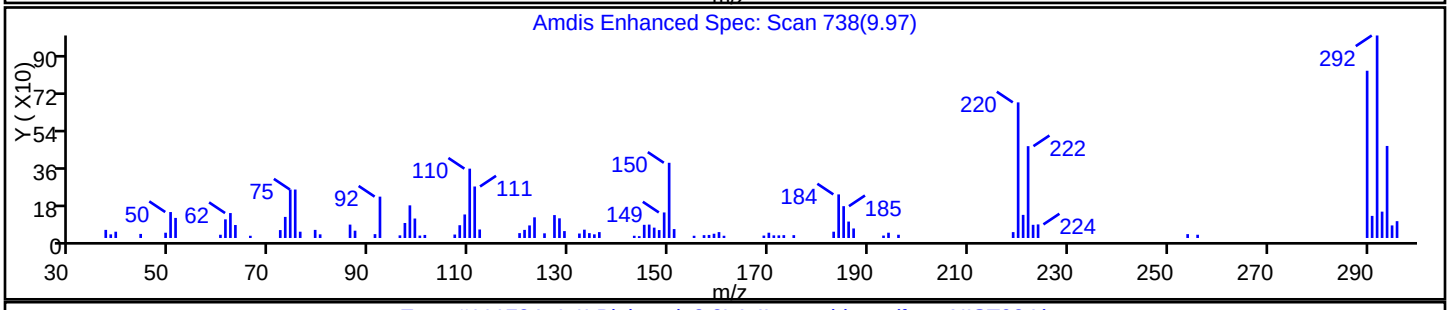
Injection Vol: 1.0 ul Dil. Factor: 1.0000

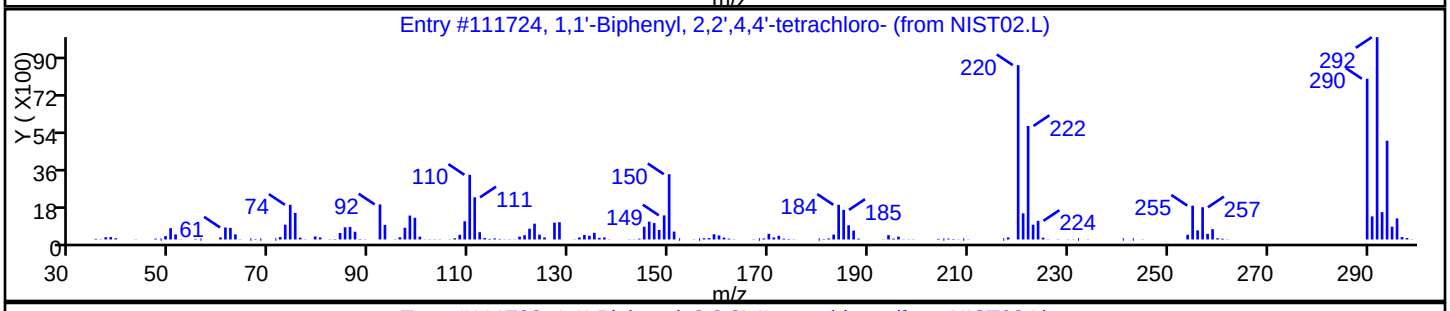
Method: 8270_4R Limit Group: SV 8270 ICAL

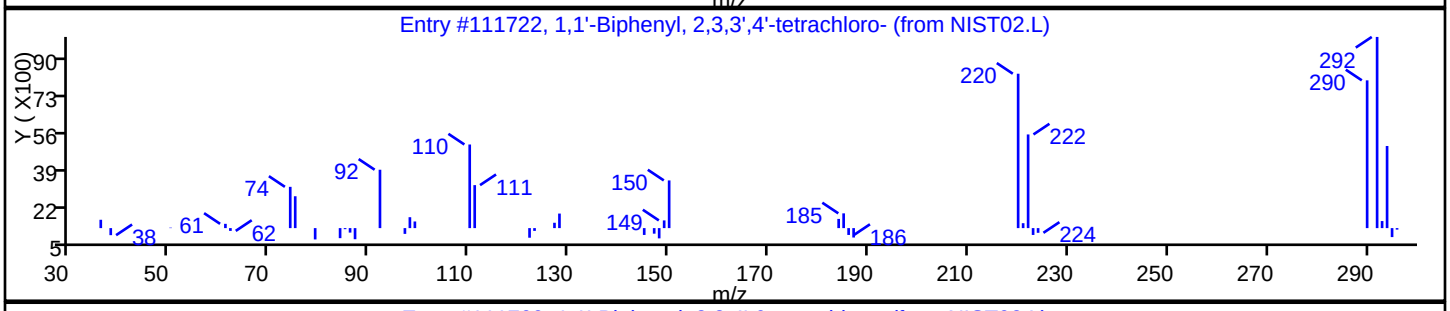
Column: Detector MS SCAN

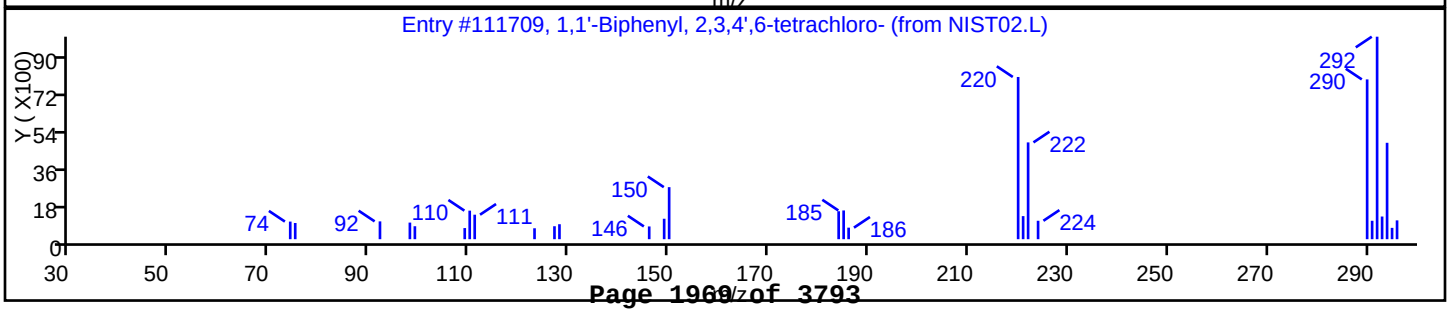
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	2437-79-8	NIST02.L	111724	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3,3',4'-tetrachloro-	41464-43-1	NIST02.L	111722	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	C12H6Cl4	290	99











Report Date: 13-Mar-2014 11:08:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94427.D

Injection Date: 11-Mar-2014 13:40:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-8-A Lab Sample ID: 460-72174-8

Client ID: PMP-22SW-VS

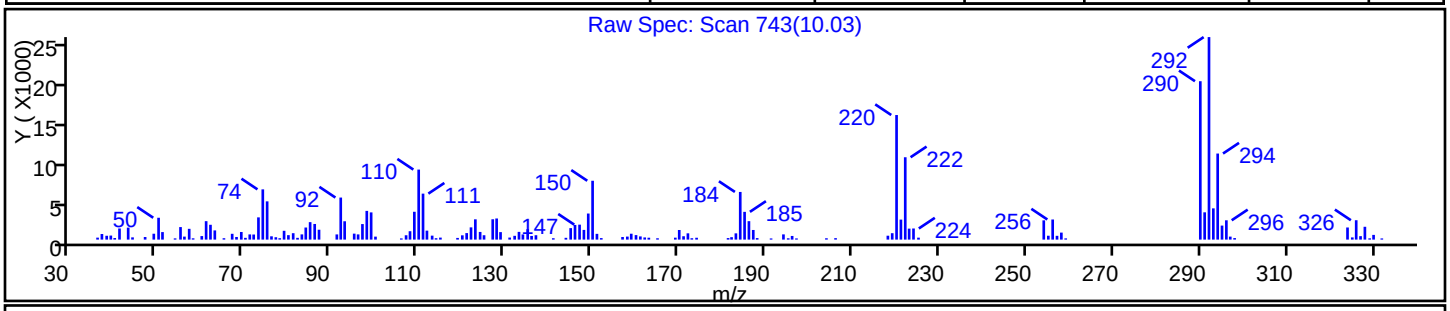
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

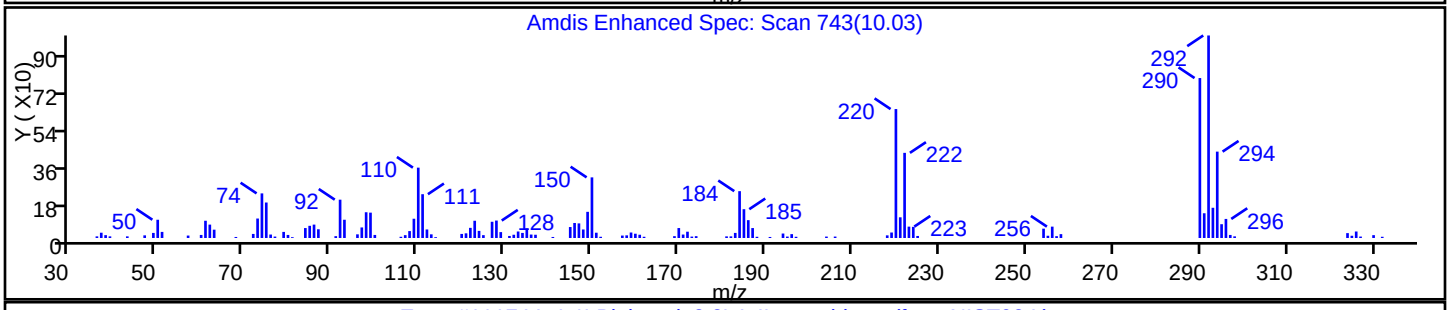
Injection Vol: 1.0 ul Dil. Factor: 1.0000

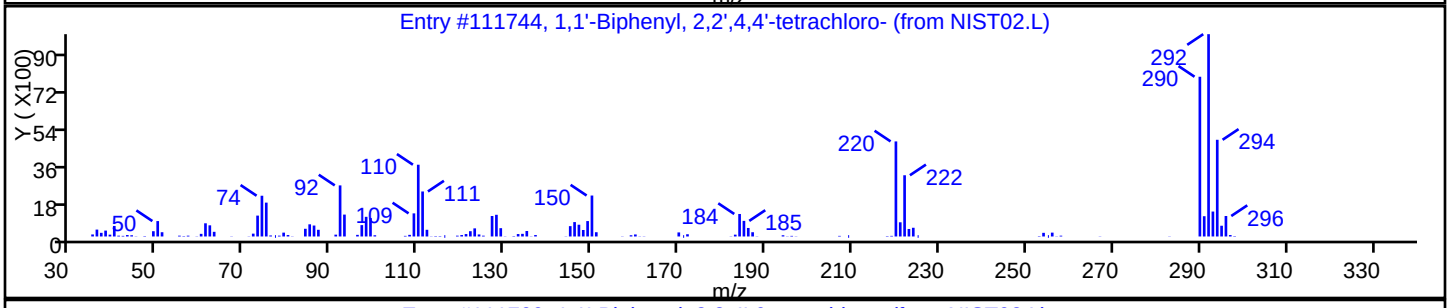
Method: 8270_4R Limit Group: SV 8270 ICAL

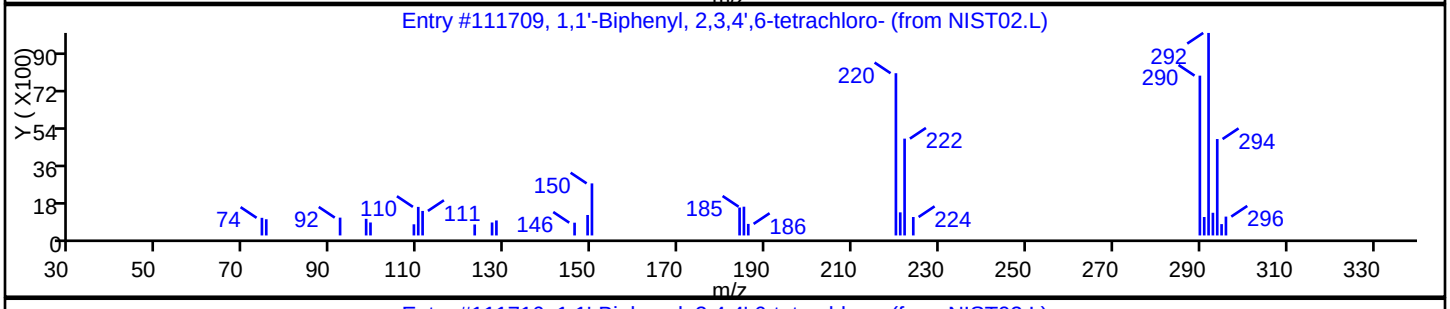
Column: Detector MS SCAN

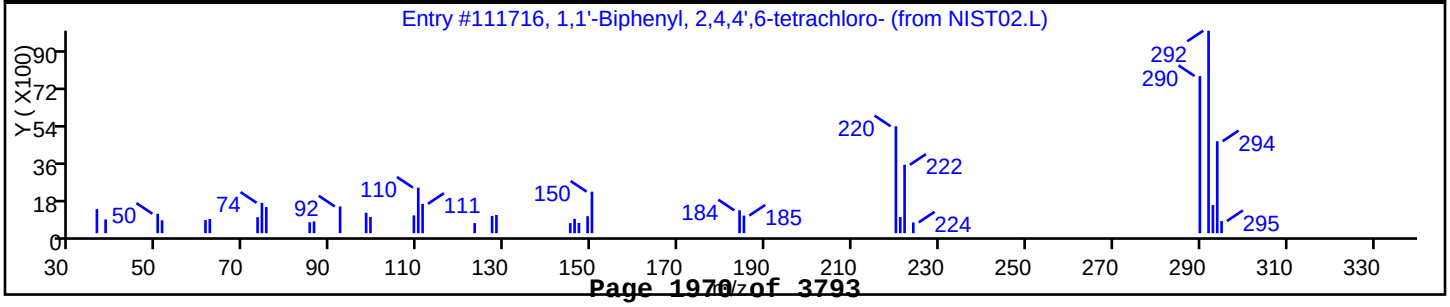
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	2437-79-8	NIST02.L	111744	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	C12H6Cl4	290	99
1,1'-Biphenyl, 2,4,4',6-tetrachloro-	32598-12-2	NIST02.L	111716	C12H6Cl4	290	99











Report Date: 13-Mar-2014 11:08:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94427.D

Injection Date: 11-Mar-2014 13:40:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-8-A Lab Sample ID: 460-72174-8

Client ID: PMP-22SW-VS

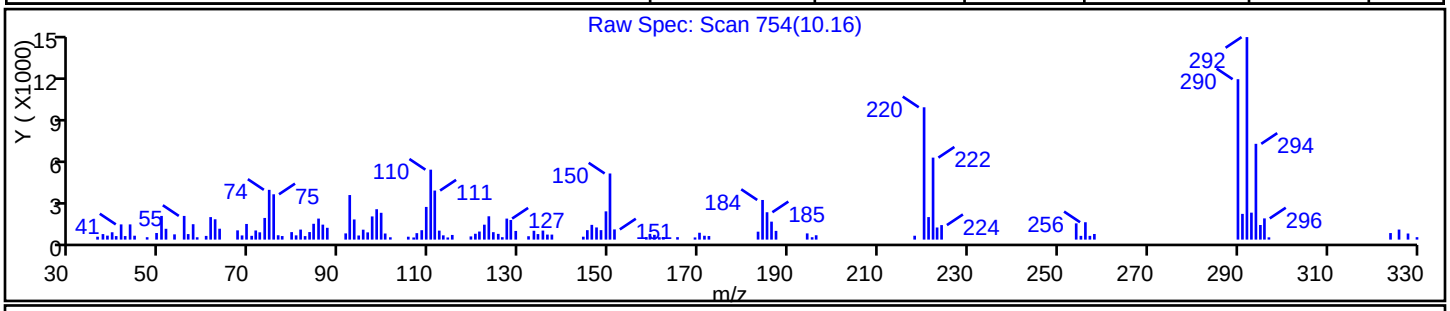
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

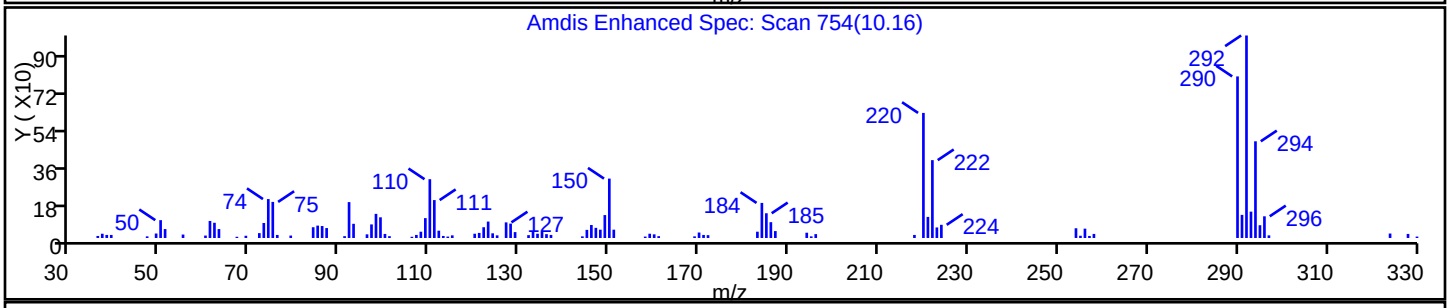
Injection Vol: 1.0 ul Dil. Factor: 1.0000

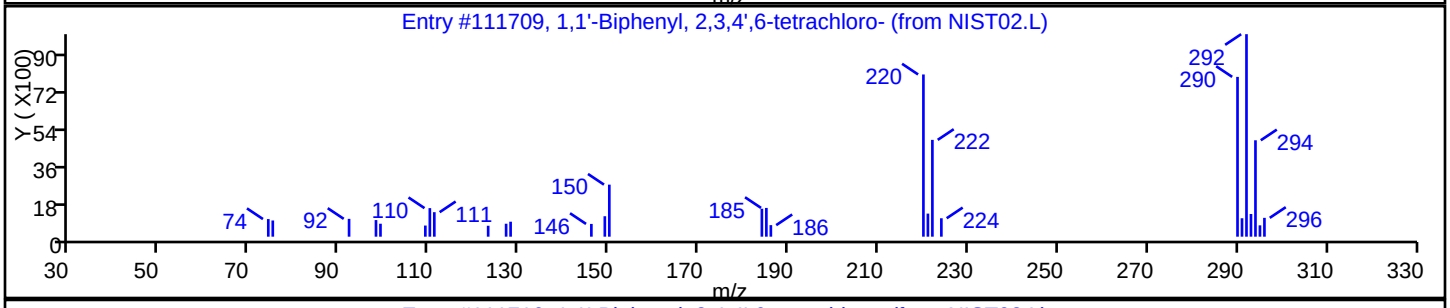
Method: 8270_4R Limit Group: SV 8270 ICAL

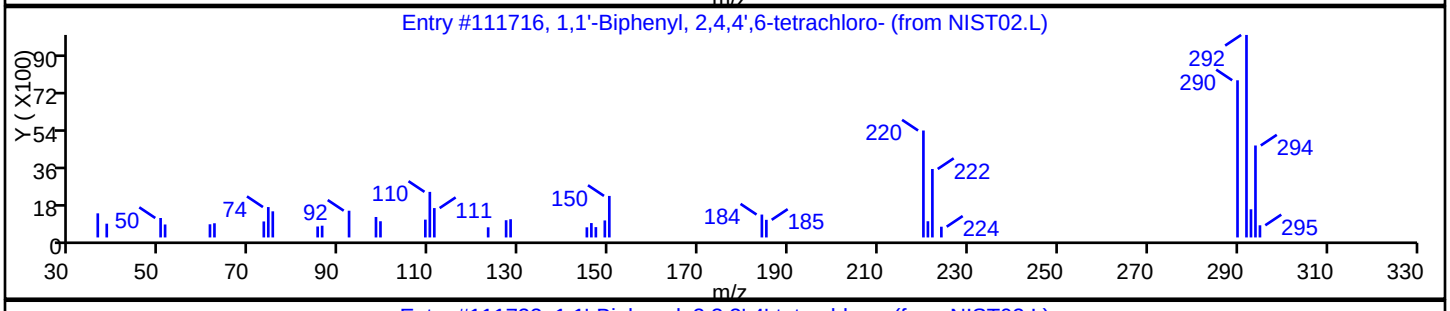
Column: Detector MS SCAN

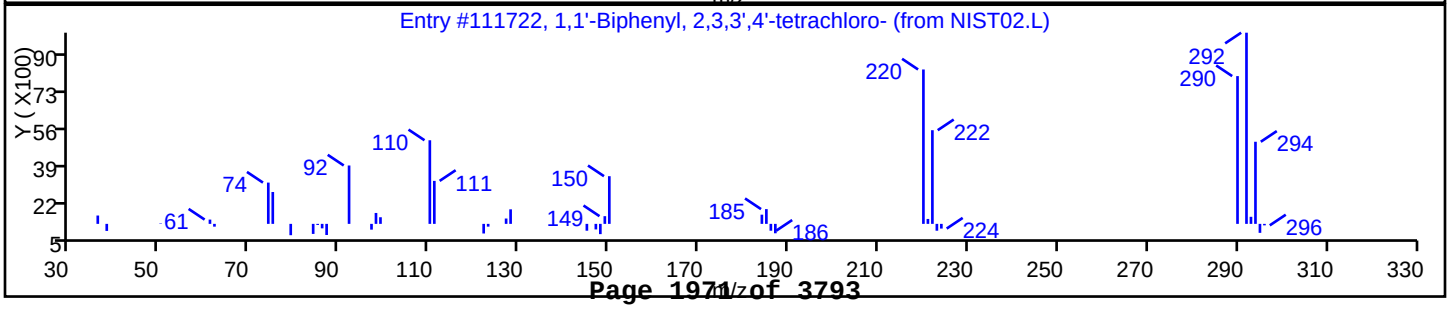
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	C12H6Cl4	290	99
1,1'-Biphenyl, 2,4,4',6-tetrachloro-	32598-12-2	NIST02.L	111716	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3,3',4'-tetrachloro-	41464-43-1	NIST02.L	111722	C12H6Cl4	290	99











Report Date: 13-Mar-2014 11:08:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94427.D

Injection Date: 11-Mar-2014 13:40:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-8-A Lab Sample ID: 460-72174-8

Client ID: PMP-22SW-VS

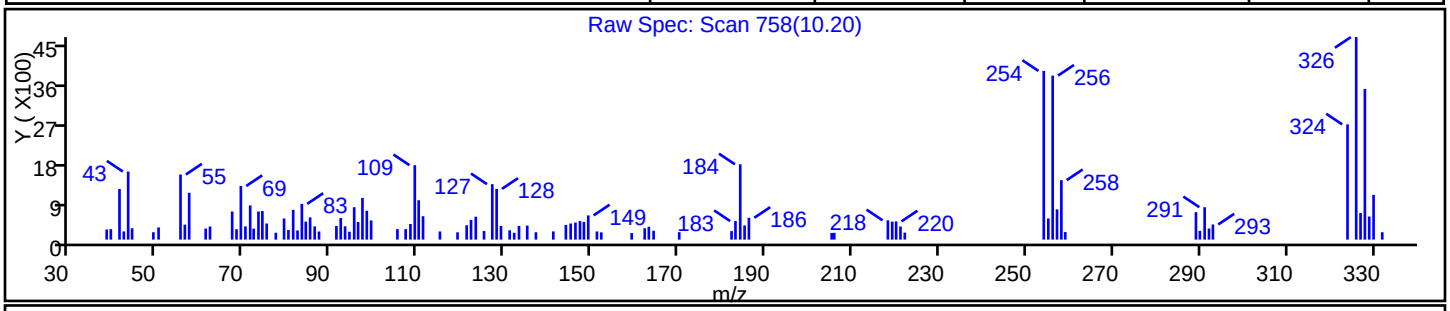
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

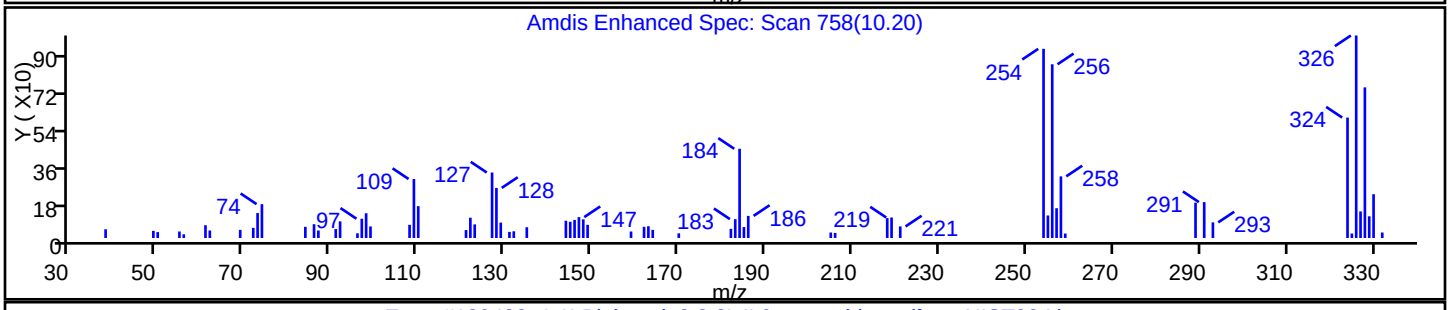
Injection Vol: 1.0 ul Dil. Factor: 1.0000

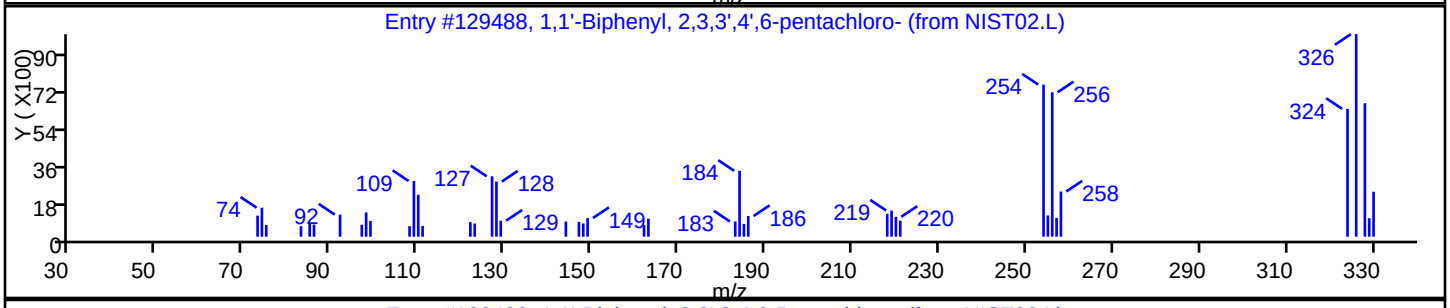
Method: 8270_4R Limit Group: SV 8270 ICAL

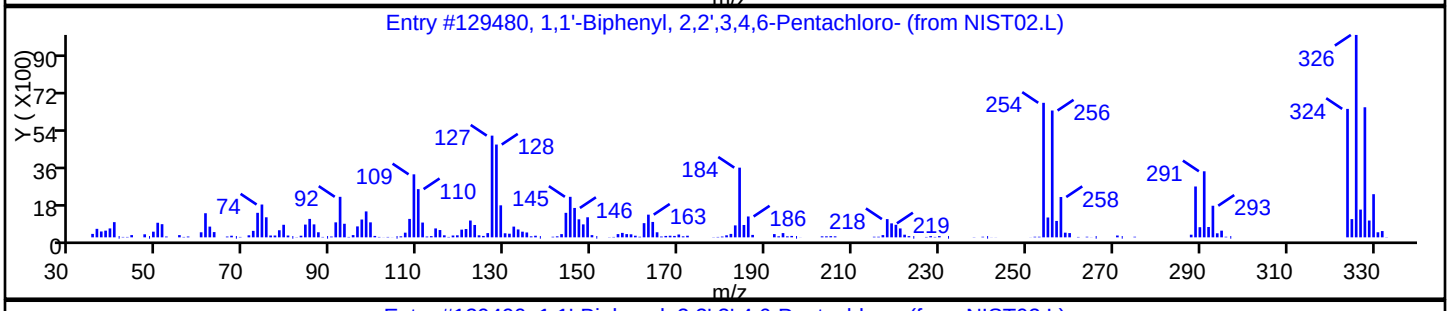
Column: Detector MS SCAN

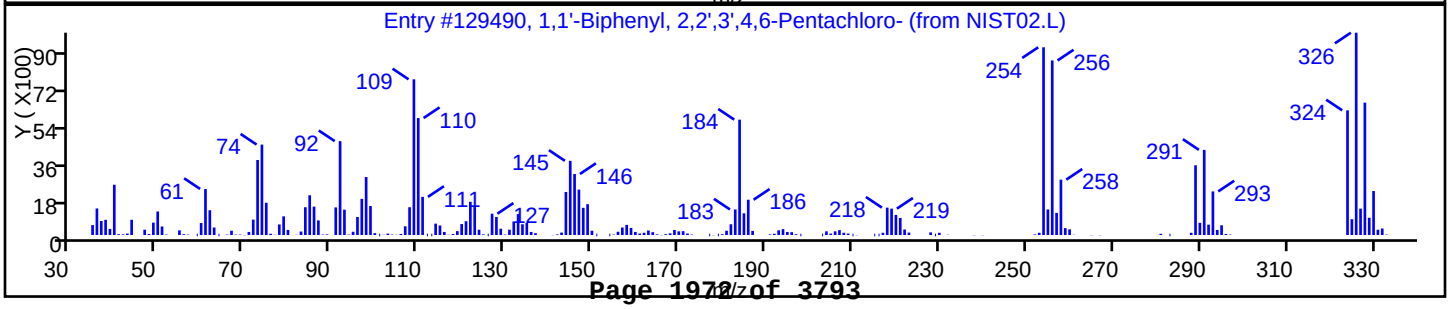
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,3',4',6-pentachloro-	38380-03-9	NIST02.L	129488	C12H5Cl5	324	98
1,1'-Biphenyl, 2,2',3,4,6-Pentachloro-	55215-17-3	NIST02.L	129480	C12H5Cl5	324	95
1,1'-Biphenyl, 2,2',3',4,6-Pentachloro-	60233-25-2	NIST02.L	129490	C12H5Cl5	324	95











Report Date: 13-Mar-2014 11:08:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94427.D

Injection Date: 11-Mar-2014 13:40:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-8-A Lab Sample ID: 460-72174-8

Client ID: PMP-22SW-VS

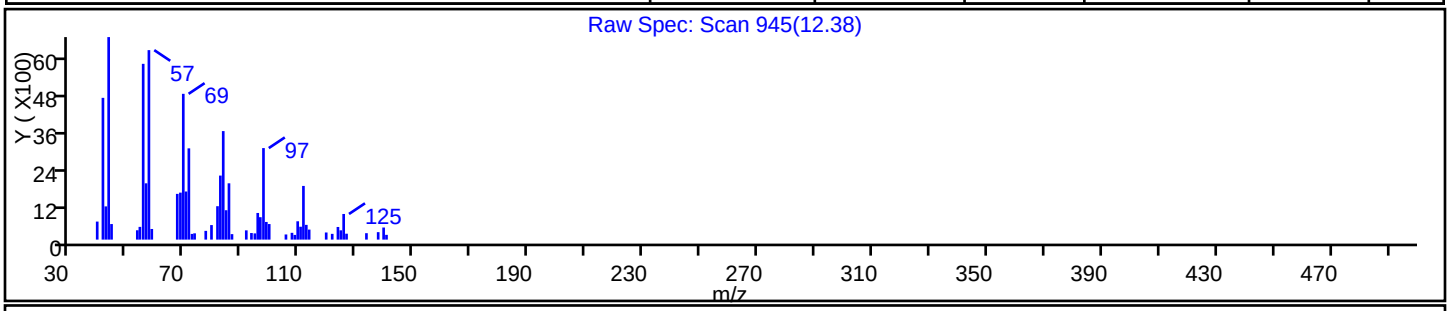
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

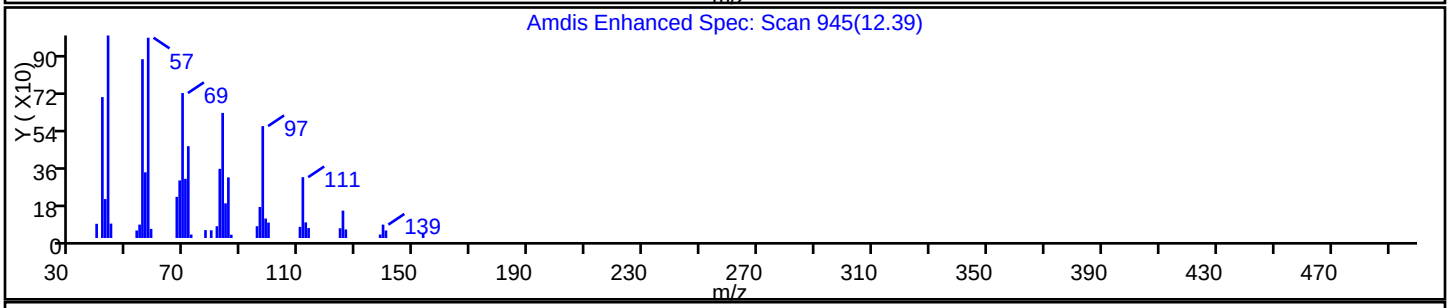
Injection Vol: 1.0 ul Dil. Factor: 1.0000

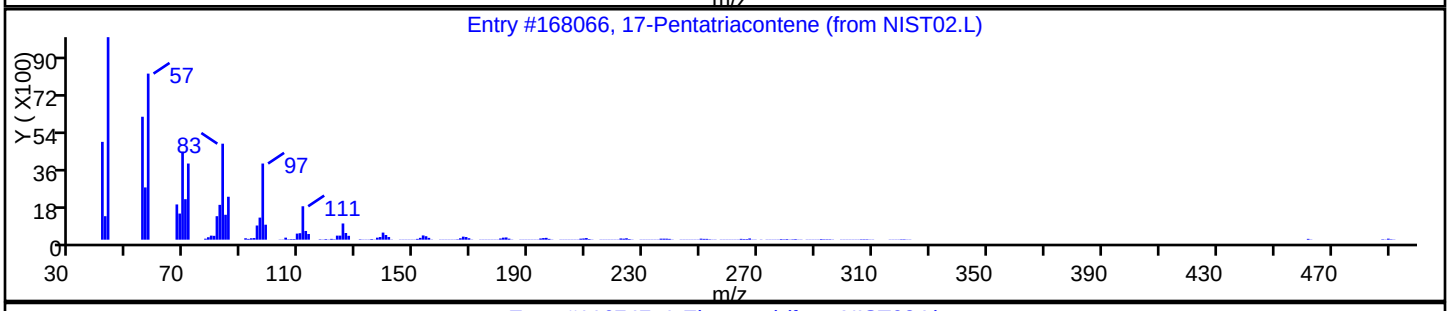
Method: 8270_4R Limit Group: SV 8270 ICAL

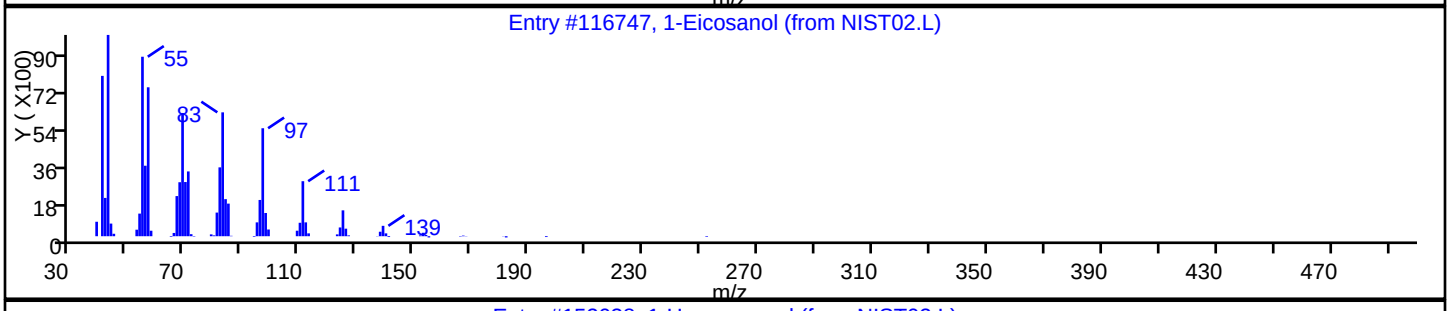
Column: Detector MS SCAN

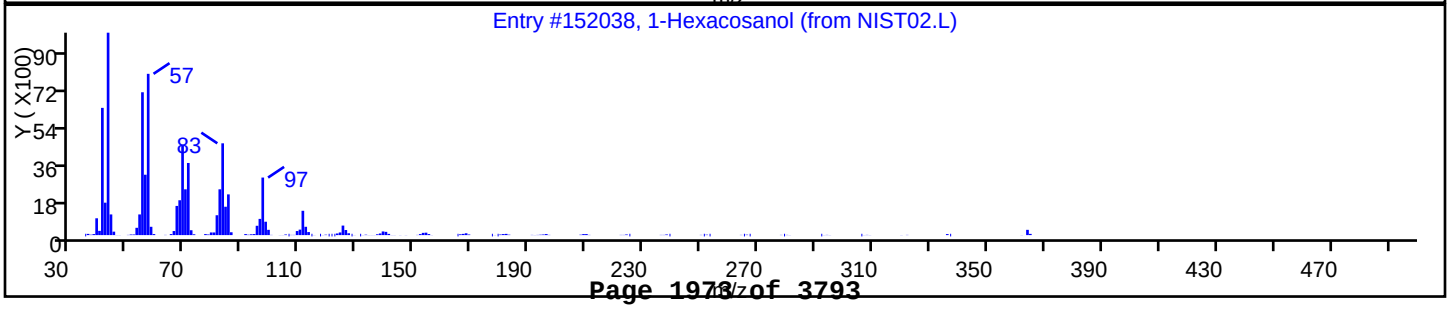
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
17-Pentatriacontene	6971-40-0	NIST02.L	168066	C35H70	491	91
1-Eicosanol	629-96-9	NIST02.L	116747	C20H42O	298	87
1-Hexacosanol	506-52-5	NIST02.L	152038	C26H54O	382	83











FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-VD | Lab Sample ID: 460-72174-9

Matrix: Solid | Lab File ID: U94413.D

Analysis Method: 8270C | Date Collected: 03/06/2014 10:25

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.00(g) | Date Analyzed: 03/11/2014 07:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	59	U	350	59
106-44-5	4-Methylphenol	68	U	350	68
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	53	U	350	53
111-44-4	Bis(2-chloroethyl)ether	4.7	U	35	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	350	38
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	35	5.8
98-95-3	Nitrobenzene	4.9	U *	35	4.9
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	42	U	350	42
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	86	U	350	86
120-83-2	2,4-Dichlorophenol	51	U	350	51
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
91-20-3	Naphthalene	40	U	350	40
106-47-8	4-Chloroaniline	92	U	350	92
87-68-3	Hexachlorobutadiene	8.5	U	70	8.5
105-60-2	Caprolactam	80	U	350	80
59-50-7	4-Chloro-3-methylphenol	52	U	350	52
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	45	U	350	45
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	150	U	700	150
606-20-2	2,6-Dinitrotoluene	10	U	70	10
131-11-3	Dimethyl phthalate	41	U	350	41
208-96-8	Acenaphthylene	41	U	350	41
99-09-2	3-Nitroaniline	120	U	700	120
83-32-9	Acenaphthene	51	U	350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-VD | Lab Sample ID: 460-72174-9

Matrix: Solid | Lab File ID: U94413.D

Analysis Method: 8270C | Date Collected: 03/06/2014 10:25

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.00(g) | Date Analyzed: 03/11/2014 07:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1100	220
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	41	U	350	41
86-73-7	Fluorene	44	U	350	44
206-44-0	Fluoranthene	46	U	350	46
84-74-2	Di-n-butyl phthalate	43	U	350	43
121-14-2	2,4-Dinitrotoluene	11	U	70	11
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	700	110
534-52-1	4,6-Dinitro-2-methylphenol	95	U	1100	95
101-55-3	4-Bromophenyl phenyl ether	34	U	350	34
1912-24-9	Atrazine	54	U	350	54
120-12-7	Anthracene	42	U	350	42
86-74-8	Carbazole	41	U	350	41
85-01-8	Phenanthrene	44	U	350	44
87-86-5	Pentachlorophenol	100	U	1100	100
129-00-0	Pyrene	29	U	350	29
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.6	U	35	2.6
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	350	34
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	22	U	350	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	700	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	350	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-VD Lab Sample ID: 460-72174-9

Matrix: Solid Lab File ID: U94413.D

Analysis Method: 8270C Date Collected: 03/06/2014 10:25

Extract. Method: 3541 Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.00(g) Date Analyzed: 03/11/2014 07:09

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	68		40-106
4165-62-2	Phenol-d5	88		44-104
1718-51-0	Terphenyl-d14	104		41-145
118-79-6	2,4,6-Tribromophenol	95		19-114
367-12-4	2-Fluorophenol	77		39-103
321-60-8	2-Fluorobiphenyl	73		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-VD Lab Sample ID: 460-72174-9

Matrix: Solid Lab File ID: U94413.D

Analysis Method: 8270C Date Collected: 03/06/2014 10:25

Extract. Method: 3541 Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.00(g) Date Analyzed: 03/11/2014 07:09

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 550

CAS NO.	COMPOUND NAME	RT	RESULT	Q
88-73-3	Benzene, 1-chloro-2-nitro-	6.05	550	J N

Report Date: 13-Mar-2014 09:45:47 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94413.D
Lims ID: 460-72174-E-9-A Lab Sample ID: 460-72174-9
Client ID: PMP-22SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 07:09:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-010
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 09:45:47 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 13-Mar-2014 09:45:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.165	3.127	0.038	90	186943	38.7	
5 Benzaldehyde	77	3.987	3.977	0.010	66	1319	0.2861	
$ 6 Phenol-d5	99	4.056	4.071	-0.015	71	257402	44.1	
* 13 1,4-Dichlorobenzene-d4	152	4.416	4.430	-0.014	94	110400	40.0	
$ 25 Nitrobenzene-d5	82	4.971	4.990	-0.019	92	210830	34.1	
* 35 Naphthalene-d8	136	5.694	5.701	-0.007	100	501443	40.0	
41 2-Methylnaphthalene	142	6.407	6.412	-0.005	66	1919	0.2610	
$ 48 2-Fluorobiphenyl	172	6.780	6.785	-0.005	98	316930	36.4	
* 61 Acenaphthene-d10	164	7.446	7.451	-0.005	92	255293	40.0	
$ 76 2,4,6-Tribromophenol	330	8.215	8.230	-0.015	80	46848	47.7	
* 83 Phenanthrene-d10	188	8.901	8.917	-0.016	99	385511	40.0	
$ 91 Terphenyl-d14	244	10.478	10.483	-0.005	98	284672	51.8	
* 96 Chrysene-d12	240	11.676	11.690	-0.014	98	236676	40.0	
* 103 Perylene-d12	264	13.600	13.619	-0.019	97	183805	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94413.D				
Lims ID:	460-72174-E-9-A	Lab Sample ID:	460-72174-9		
Client ID:	PMP-22SW-VD				
Sample Type:	Client				
Inject. Date:	11-Mar-2014 07:09:30	ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0010686-010				
Operator ID:		Instrument ID:	CBNAMS4		
Method:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m				
Limit Group:	SV 8270 ICAL				
Last Update:	13-Mar-2014 09:45:47	Calib Date:	27-Feb-2014 14:00:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK003				
First Level Reviewer: szczecha		Date:	13-Mar-2014 09:45:47		

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
88-73-3	Benzene, 1-chloro-2-nitro-							
6.045	239680	7.89	35	96	27936	C6H4ClNO2	157	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 35 Naphthalene-d8	5.694	1215808	40.0

QC Flag Legend

Processing Flags

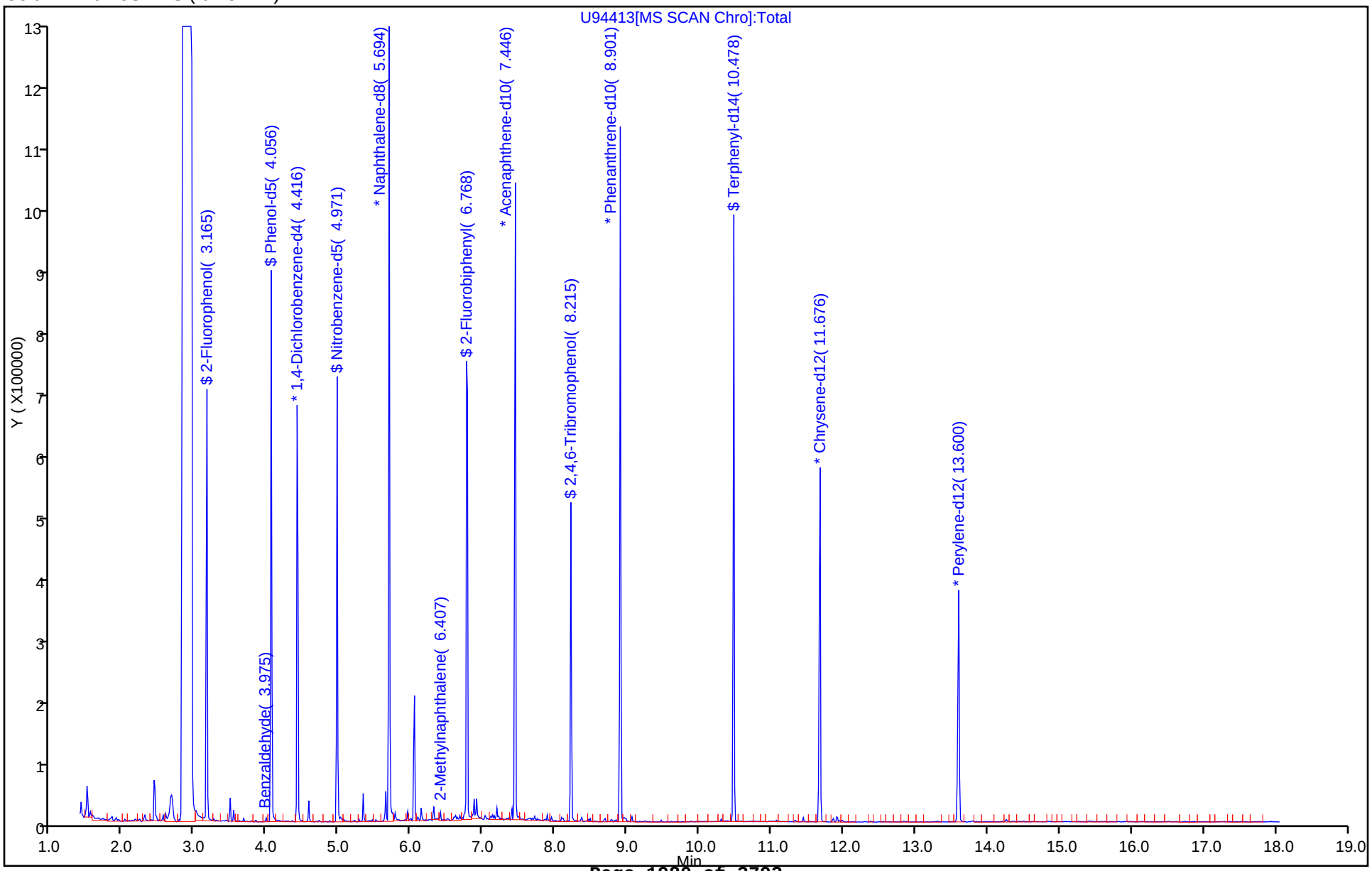
Report Date: 13-Mar-2014 09:45:47 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94413.D

Injection Date:	11-Mar-2014 07:09:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-72174-E-9-A	Lab Sample ID:	460-72174-9	Worklist Smp#:	10
Client ID:	PMP-22SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270_4R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 13-Mar-2014 09:45:47 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94413.D

Injection Date: 11-Mar-2014 07:09:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-9-A Lab Sample ID: 460-72174-9

Client ID: PMP-22SW-VD

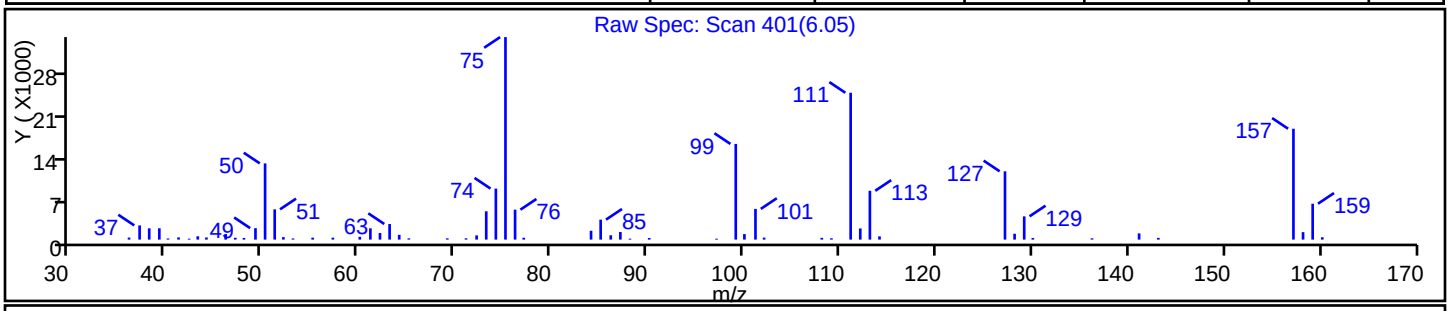
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10

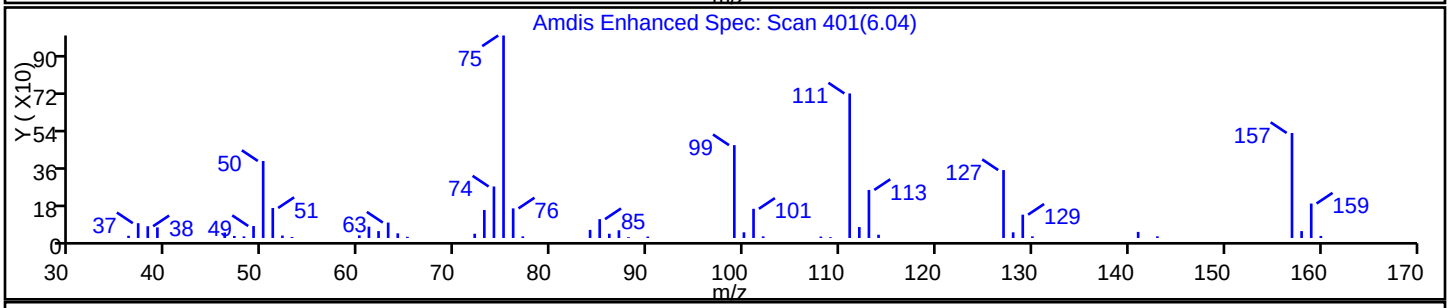
Injection Vol: 1.0 ul Dil. Factor: 1.0000

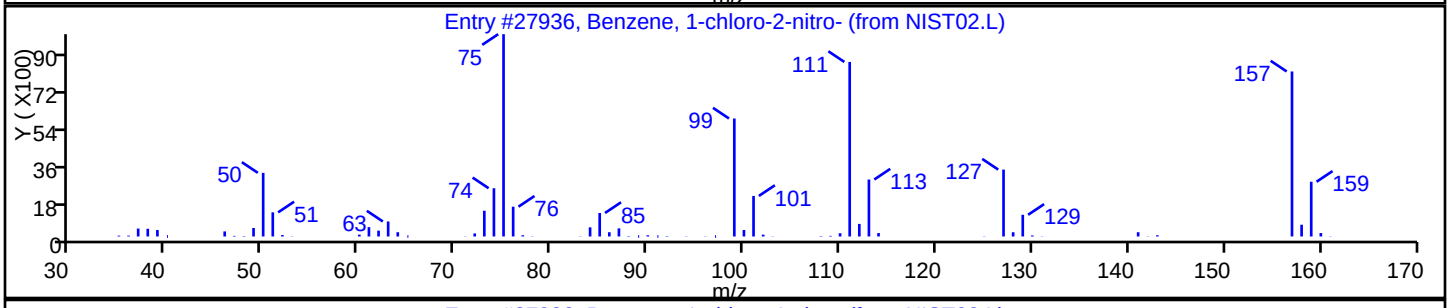
Method: 8270_4R Limit Group: SV 8270 ICAL

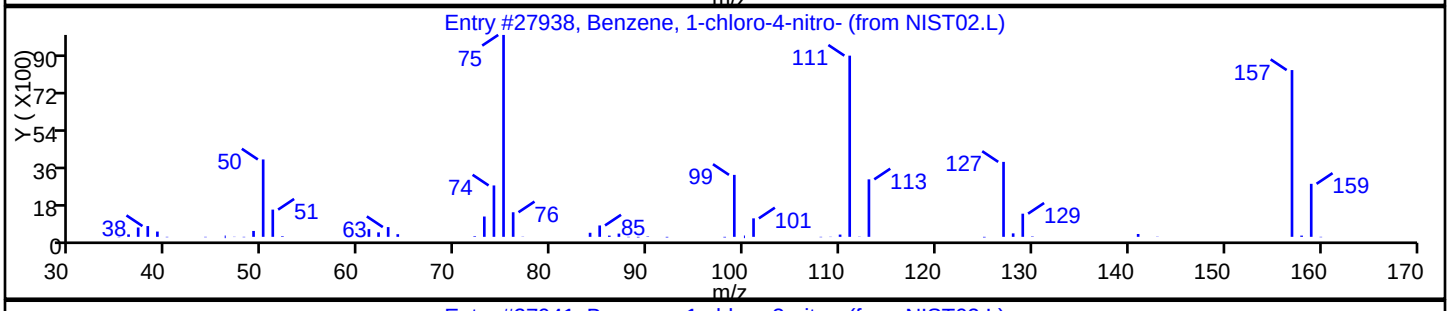
Column: Detector MS SCAN

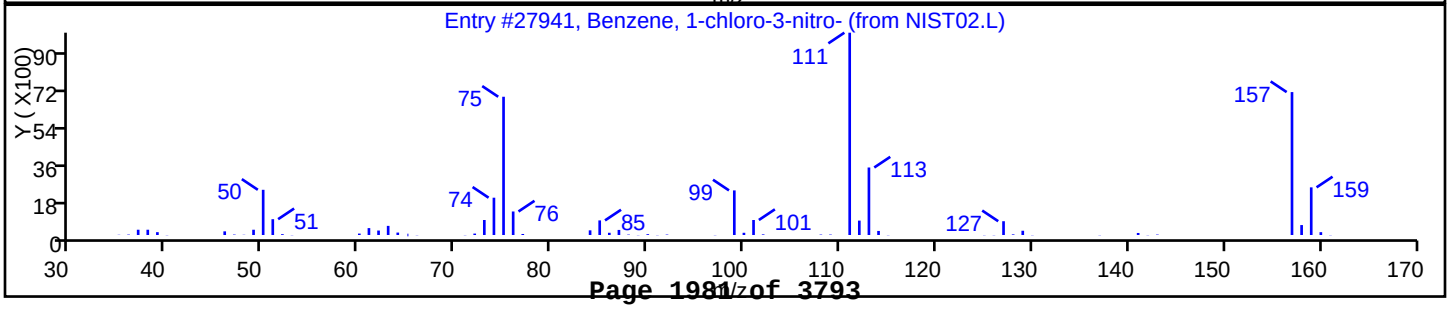
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.L	27936	C6H4ClNO2	157	96
Benzene, 1-chloro-4-nitro-	100-00-5	NIST02.L	27938	C6H4ClNO2	157	95
Benzene, 1-chloro-3-nitro-	121-73-3	NIST02.L	27941	C6H4ClNO2	157	94











FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-WT | Lab Sample ID: 460-72174-10

Matrix: Solid | Lab File ID: U94414.D

Analysis Method: 8270C | Date Collected: 03/06/2014 10:30

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.04(g) | Date Analyzed: 03/11/2014 07:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	50	U	370	50
95-57-8	2-Chlorophenol	49	U	370	49
95-48-7	2-Methylphenol	63	U	370	63
106-44-5	4-Methylphenol	73	U	370	73
100-52-7	Benzaldehyde	44	U	370	44
98-86-2	Acetophenone	57	U	370	57
111-44-4	Bis(2-chloroethyl)ether	5.0	U	37	5.0
108-60-1	2,2'-oxybis[1-chloropropane]	41	U	370	41
621-64-7	N-Nitrosodi-n-propylamine	6.2	U	37	6.2
98-95-3	Nitrobenzene	5.3	U *	37	5.3
67-72-1	Hexachloroethane	4.1	U	37	4.1
78-59-1	Isophorone	45	U	370	45
88-75-5	2-Nitrophenol	41	U	370	41
105-67-9	2,4-Dimethylphenol	91	U	370	91
120-83-2	2,4-Dichlorophenol	54	U	370	54
111-91-1	Bis(2-chloroethoxy)methane	48	U	370	48
91-20-3	Naphthalene	43	U	370	43
106-47-8	4-Chloroaniline	98	U	370	98
87-68-3	Hexachlorobutadiene	9.0	U	75	9.0
105-60-2	Caprolactam	85	U	370	85
59-50-7	4-Chloro-3-methylphenol	56	U	370	56
91-57-6	2-Methylnaphthalene	48	U	370	48
118-74-1	Hexachlorobenzene	5.1	U	37	5.1
77-47-4	Hexachlorocyclopentadiene	44	U	370	44
88-06-2	2,4,6-Trichlorophenol	43	U	370	43
95-95-4	2,4,5-Trichlorophenol	48	U	370	48
92-52-4	Diphenyl	50	U	370	50
91-58-7	2-Chloronaphthalene	41	U	370	41
88-74-4	2-Nitroaniline	150	U	750	150
606-20-2	2,6-Dinitrotoluene	11	U	75	11
131-11-3	Dimethyl phthalate	44	U	370	44
208-96-8	Acenaphthylene	44	U	370	44
99-09-2	3-Nitroaniline	130	U	750	130
83-32-9	Acenaphthene	54	U	370	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-WT | Lab Sample ID: 460-72174-10

Matrix: Solid | Lab File ID: U94414.D

Analysis Method: 8270C | Date Collected: 03/06/2014 10:30

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.04(g) | Date Analyzed: 03/11/2014 07:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	43	U	370	43
84-66-2	Diethyl phthalate	44	U	370	44
86-73-7	Fluorene	47	U	370	47
206-44-0	Fluoranthene	49	U	370	49
84-74-2	Di-n-butyl phthalate	46	U	370	46
121-14-2	2,4-Dinitrotoluene	12	U	75	12
7005-72-3	4-Chlorophenyl phenyl ether	43	U	370	43
100-01-6	4-Nitroaniline	120	U	750	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	37	U	370	37
1912-24-9	Atrazine	57	U	370	57
120-12-7	Anthracene	45	U	370	45
86-74-8	Carbazole	44	U	370	44
85-01-8	Phenanthrene	47	U	370	47
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	31	U	370	31
218-01-9	Chrysene	43	U	370	43
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
191-24-2	Benzo[g,h,i]perylene	27	U	370	27
205-99-2	Benzo[b]fluoranthene	2.3	U	37	2.3
50-32-8	Benzo[a]pyrene	2.6	U	37	2.6
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
86-30-6	N-Nitrosodiphenylamine	36	U	370	36
85-68-7	Butyl benzyl phthalate	34	U	370	34
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
117-84-0	Di-n-octyl phthalate	24	U	370	24
193-39-5	Indeno[1,2,3-cd]pyrene	6.9	U	37	6.9
53-70-3	Dibenz(a,h)anthracene	4.7	U	37	4.7
91-94-1	3,3'-Dichlorobenzidine	130	U	750	130
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	370	50
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	370	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-WT | Lab Sample ID: 460-72174-10

Matrix: Solid | Lab File ID: U94414.D

Analysis Method: 8270C | Date Collected: 03/06/2014 10:30

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.04(g) | Date Analyzed: 03/11/2014 07:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	51		40-106
4165-62-2	Phenol-d5	78		44-104
1718-51-0	Terphenyl-d14	104		41-145
118-79-6	2,4,6-Tribromophenol	88		19-114
367-12-4	2-Fluorophenol	63		39-103
321-60-8	2-Fluorobiphenyl	61		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-WT | Lab Sample ID: 460-72174-10

Matrix: Solid | Lab File ID: U94414.D

Analysis Method: 8270C | Date Collected: 03/06/2014 10:30

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.04(g) | Date Analyzed: 03/11/2014 07:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 340

CAS NO.	COMPOUND NAME	RT	RESULT	Q
88-73-3	Benzene, 1-chloro-2-nitro-	6.03	340	J N

Report Date: 13-Mar-2014 09:47:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94414.D
Lims ID: 460-72174-E-10-A Lab Sample ID: 460-72174-10
Client ID: PMP-22SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 07:32:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-011
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 09:47:17 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 13-Mar-2014 09:47:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.146	3.127	0.019	90	159342	31.3	
$ 6 Phenol-d5	99	4.053	4.071	-0.018	68	241013	39.2	
* 13 1,4-Dichlorobenzene-d4	152	4.416	4.430	-0.014	96	116469	40.0	
$ 25 Nitrobenzene-d5	82	4.974	4.990	-0.016	90	175820	25.5	
* 35 Naphthalene-d8	136	5.696	5.701	-0.005	100	559706	40.0	
41 2-Methylnaphthalene	142	6.408	6.412	-0.004	29	937	0.1142	
$ 48 2-Fluorobiphenyl	172	6.770	6.785	-0.015	97	294753	30.3	
* 61 Acenaphthene-d10	164	7.445	7.451	-0.006	92	285019	40.0	
$ 76 2,4,6-Tribromophenol	330	8.215	8.230	-0.015	80	47966	43.8	
* 83 Phenanthrene-d10	188	8.904	8.917	-0.013	99	421319	40.0	
$ 91 Terphenyl-d14	244	10.473	10.483	-0.010	97	282960	52.2	
* 96 Chrysene-d12	240	11.671	11.690	-0.019	95	233627	40.0	
* 103 Perylene-d12	264	13.600	13.619	-0.019	97	201282	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94414.D				
Lims ID:	460-72174-E-10-A	Lab Sample ID:	460-72174-10		
Client ID:	PMP-22SW-WT				
Sample Type:	Client				
Inject. Date:	11-Mar-2014 07:32:30	ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0010686-011				
Operator ID:		Instrument ID:	CBNAMS4		
Method:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m				
Limit Group:	SV 8270 ICAL				
Last Update:	13-Mar-2014 09:47:17	Calib Date:	27-Feb-2014 14:00:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK003				
First Level Reviewer: szczecha		Date:	13-Mar-2014 09:47:17		

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	88-73-3	Benzene, 1-chloro-2-nitro-						
6.034	146958	4.61	35	96	27936	C6H4ClNO2	157	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 35 Naphthalene-d8	5.696	1274185	40.0

QC Flag Legend

Processing Flags

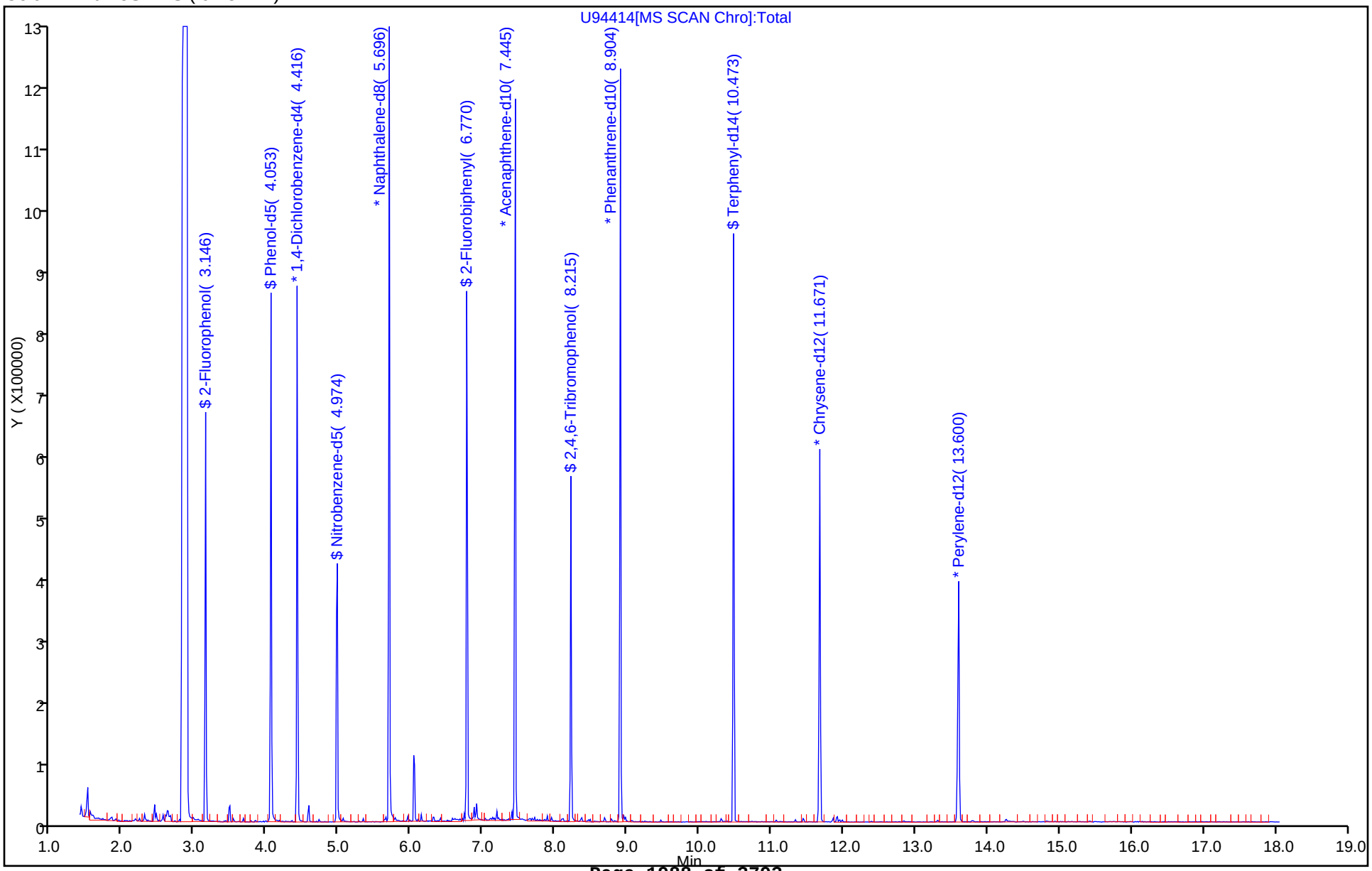
Report Date: 13-Mar-2014 09:47:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94414.D

Injection Date:	11-Mar-2014 07:32:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-72174-E-10-A	Lab Sample ID:	460-72174-10	Worklist Smp#:	11
Client ID:	PMP-22SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8270_4R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 13-Mar-2014 09:47:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94414.D

Injection Date: 11-Mar-2014 07:32:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-10-A Lab Sample ID: 460-72174-10

Client ID: PMP-22SW-WT

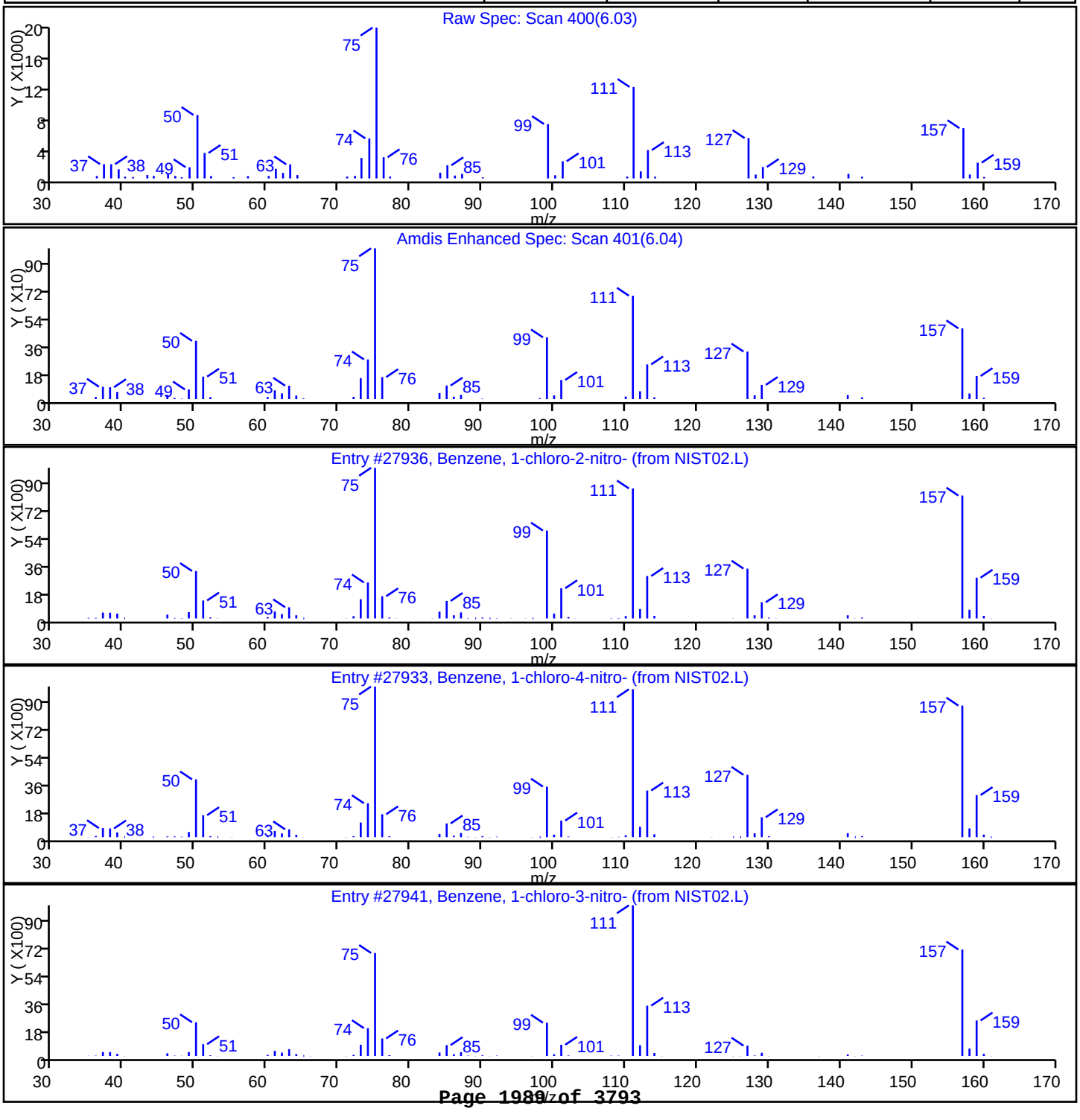
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.L	27936	C6H4ClNO2	157	96
Benzene, 1-chloro-4-nitro-	100-00-5	NIST02.L	27933	C6H4ClNO2	157	95
Benzene, 1-chloro-3-nitro-	121-73-3	NIST02.L	27941	C6H4ClNO2	157	94



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-WT | Lab Sample ID: 460-72174-11

Matrix: Solid | Lab File ID: U94425.D

Analysis Method: 8270C | Date Collected: 03/06/2014 10:55

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.01(g) | Date Analyzed: 03/11/2014 12:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	60	U	350	60
106-44-5	4-Methylphenol	69	U	350	69
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	54	U	350	54
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.9	U	35	5.9
98-95-3	Nitrobenzene	5.0	U *	35	5.0
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	43	U	350	43
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	87	U	350	87
120-83-2	2,4-Dichlorophenol	52	U	350	52
111-91-1	Bis(2-chloroethoxy)methane	46	U	350	46
91-20-3	Naphthalene	41	U	350	41
106-47-8	4-Chloroaniline	93	U	350	93
87-68-3	Hexachlorobutadiene	8.6	U	71	8.6
105-60-2	Caprolactam	81	U	350	81
59-50-7	4-Chloro-3-methylphenol	53	U	350	53
91-57-6	2-Methylnaphthalene	220	J	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	46	U	350	46
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	150	U	710	150
606-20-2	2,6-Dinitrotoluene	11	U	71	11
131-11-3	Dimethyl phthalate	42	U	350	42
208-96-8	Acenaphthylene	42	U	350	42
99-09-2	3-Nitroaniline	120	U	710	120
83-32-9	Acenaphthene	320	J	350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-WT | Lab Sample ID: 460-72174-11

Matrix: Solid | Lab File ID: U94425.D

Analysis Method: 8270C | Date Collected: 03/06/2014 10:55

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.01(g) | Date Analyzed: 03/11/2014 12:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	42	U	350	42
86-73-7	Fluorene	45	U	350	45
206-44-0	Fluoranthene	77	J	350	47
84-74-2	Di-n-butyl phthalate	44	U	350	44
121-14-2	2,4-Dinitrotoluene	12	U	71	12
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
534-52-1	4,6-Dinitro-2-methylphenol	96	U	1100	96
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	55	U	350	55
120-12-7	Anthracene	43	U	350	43
86-74-8	Carbazole	42	U	350	42
85-01-8	Phenanthrene	630		350	45
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	170	J	350	30
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.7	U	35	2.7
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.5	U	35	2.5
86-30-6	N-Nitrosodiphenylamine	35	U	350	35
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	23	U	350	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.6	U	35	6.6
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	710	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	350	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-WT | Lab Sample ID: 460-72174-11

Matrix: Solid | Lab File ID: U94425.D

Analysis Method: 8270C | Date Collected: 03/06/2014 10:55

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.01(g) | Date Analyzed: 03/11/2014 12:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	74		40-106
4165-62-2	Phenol-d5	77		44-104
1718-51-0	Terphenyl-d14	86		41-145
118-79-6	2,4,6-Tribromophenol	86		19-114
367-12-4	2-Fluorophenol	68		39-103
321-60-8	2-Fluorobiphenyl	94		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-WT | Lab Sample ID: 460-72174-11

Matrix: Solid | Lab File ID: U94425.D

Analysis Method: 8270C | Date Collected: 03/06/2014 10:55

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.01(g) | Date Analyzed: 03/11/2014 12:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 168800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
629-50-5	Tridecane	6.31	4300	J N
	Unknown	8.22	6600	J
54105-67-8	Heptadecane, 2,6-dimethyl-	8.42	39000	J N
34883-41-5	1,1'-Biphenyl, 3,5-dichloro-	8.51	5000	J N
	Unknown	8.59	14000	J
	Unknown	8.65	3700	J
	Unknown	8.67	3700	J
	Unknown	8.70	8700	J
629-78-7	Heptadecane	8.84	10000	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.87	16000	J N
	Unknown	9.13	4000	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	9.20	5100	J N
629-59-4	Tetradecane	9.25	3500	J N
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	9.28	7700	J N
613-12-7	Anthracene, 2-methyl-	9.43	7000	J N
832-69-9	Phenanthrene, 1-methyl-	9.54	8200	J N
	Unknown	9.63	9800	J
	Unknown	9.90	3600	J
629-94-7	Heneicosane	10.00	4100	J N
41464-42-0	1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	10.17	4800	J N

Report Date: 13-Mar-2014 11:03:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D
Lims ID: 460-72174-E-11-A Lab Sample ID: 460-72174-11
Client ID: PMP-5SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 12:54:30 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-022
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 11:02:00 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 13-Mar-2014 10:59:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.143	3.127	0.015	86	187991	33.9	
$ 6 Phenol-d5	99	4.054	4.071	-0.018	70	255985	38.3	
* 13 1,4-Dichlorobenzene-d4	152	4.415	4.430	-0.015	95	126586	40.0	
$ 25 Nitrobenzene-d5	82	4.972	4.990	-0.018	91	229474	36.9	
* 35 Naphthalene-d8	136	5.695	5.701	-0.006	99	504373	40.0	
41 2-Methylnaphthalene	142	6.416	6.412	0.004	39	22526	3.05	
$ 48 2-Fluorobiphenyl	172	6.783	6.785	-0.002	80	266649	47.2	
* 61 Acenaphthene-d10	164	7.455	7.451	0.004	85	165345	40.0	
62 Acenaphthene	154	7.489	7.485	0.004	40	20003	4.48	
$ 76 2,4,6-Tribromophenol	330	8.254	8.230	0.024	43	27280	42.9	
* 83 Phenanthrene-d10	188	8.941	8.917	0.024	82	236627	40.0	
84 Phenanthrene	178	8.963	8.940	0.023	66	58265	8.83	
88 Fluoranthene	202	10.115	10.099	0.016	59	5071	1.08	
90 Pyrene	202	10.329	10.333	-0.004	88	12696	2.33	
$ 91 Terphenyl-d14	244	10.487	10.483	0.004	98	172453	43.1	
* 96 Chrysene-d12	240	11.670	11.690	-0.020	95	172374	40.0	
* 103 Perylene-d12	264	13.605	13.619	-0.014	99	201270	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D
Lims ID: 460-72174-E-11-A Lab Sample ID: 460-72174-11
Client ID: PMP-5SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 12:54:30 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-022
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 11:02:00 Calib Date: 27-Feb-2014 14:00:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 13-Mar-2014 10:59:31

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	629-50-5 Tridecane							
6.313	2079515	61.0	35	90	45544	C13H28	184	
	Unknown							
8.220	2423862	92.4	83					
	54105-67-8 Heptadecane, 2,6-dimethyl-							
8.423	14500895	553.1	83	91	99490	C19H40	268	
	34883-41-5 1,1'-Biphenyl, 3,5-dichloro-							
8.512	1843466	70.3	83	93	70590	C12H8Cl2	222	M
	Unknown							
8.591	5142865	196.1	83					M
	Unknown							
8.648	1368726	52.2	83					M
	Unknown							
8.670	1369109	52.2	83					M
	Unknown							
8.704	3222985	122.9	83					M
	629-78-7 Heptadecane							
8.839	3800131	144.9	83	94	82608	C17H36	240	M
	638-36-8 Hexadecane, 2,6,10,14-tetramethyl-							
8.873	5773173	220.2	83	89	107669	C20H42	282	M
	Unknown							
9.132	1476196	56.3	83					M
	638-36-8 Hexadecane, 2,6,10,14-tetramethyl-							
9.200	1876255	71.6	83	87	107669	C20H42	282	M

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	629-59-4 Tetradecane							
9.245	1275453	48.6	83	91	55007	C14H30	198	M
	7012-37-5 1,1'-Biphenyl, 2,4,4'-trichloro-							
9.279	2847390	108.6	83	98	91791	C12H7Cl3	256	M
	613-12-7 Anthracene, 2-methyl-							
9.426	2577812	98.3	83	90	50612	C15H12	192	M
	832-69-9 Phenanthrene, 1-methyl-							
9.538	3015266	115.0	83	89	50623	C15H12	192	M
	Unknown							
9.629	3622697	138.2	83					
	Unknown							
9.900	1322079	50.4	83					M
	629-94-7 Heneicosane							
10.002	1510569	57.6	83	89	115569	C21H44	296	M
	41464-42-0 1,1'-Biphenyl, 2,3',5,5'-tetrachloro-							
10.171	1757020	67.0	83	99	111730	C12H6Cl4	290	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 35 Naphthalene-d8	5.695	1364251	40.0
* 83 Phenanthrene-d10	8.963	1048783	40.0

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

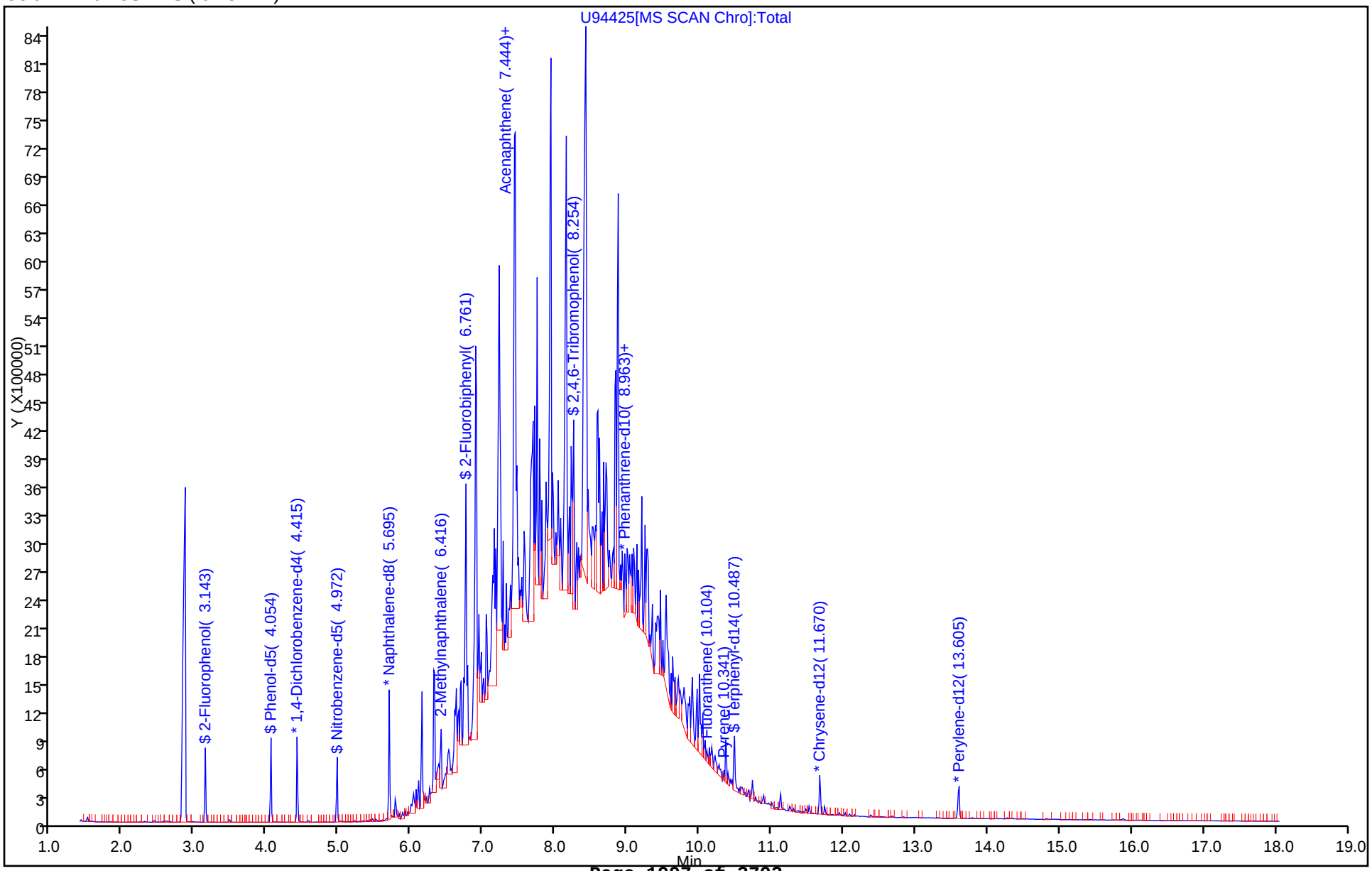
Report Date: 13-Mar-2014 11:03:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D

Injection Date:	11-Mar-2014 12:54:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-72174-E-11-A	Lab Sample ID:	460-72174-11	Worklist Smp#:	22
Client ID:	PMP-5SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8270_4R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

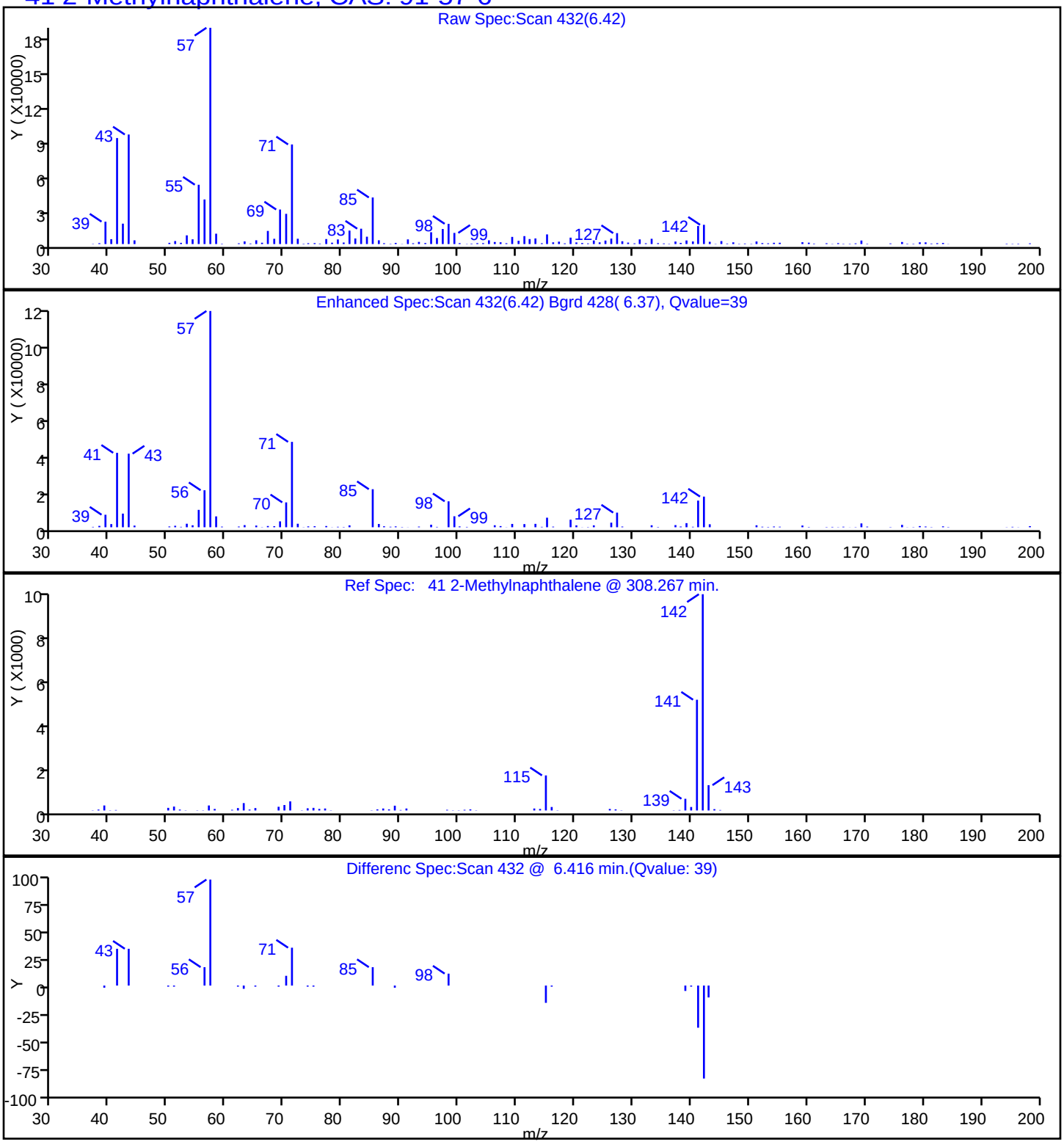


Report Date: 13-Mar-2014 11:03:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D				
Injection Date:	11-Mar-2014 12:54:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-11-A	Lab Sample ID:	460-72174-11		
Client ID:	PMP-5SW-WT				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

41 2-Methylnaphthalene, CAS: 91-57-6

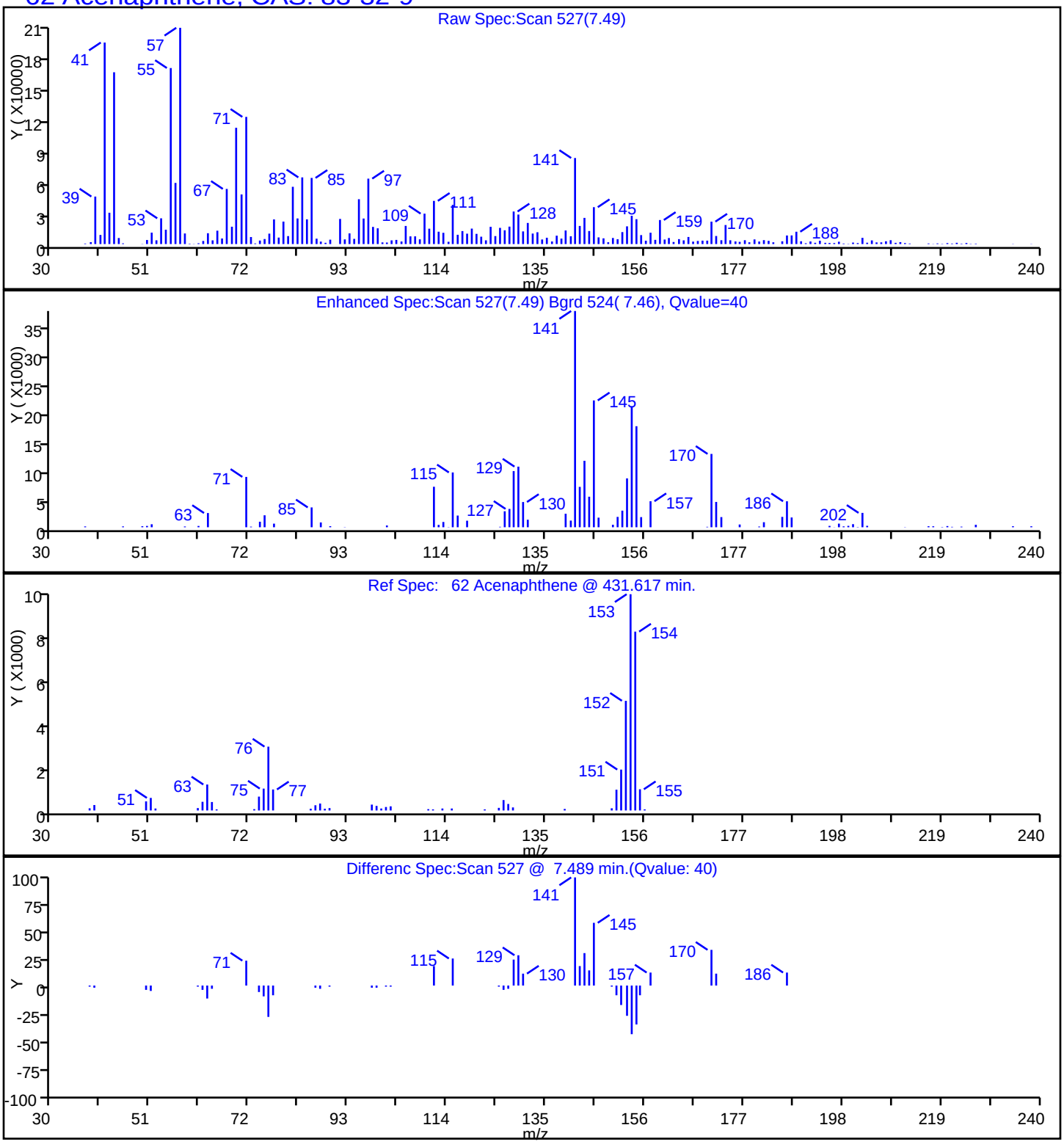


Report Date: 13-Mar-2014 11:03:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D				
Injection Date:	11-Mar-2014 12:54:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-11-A	Lab Sample ID:	460-72174-11		
Client ID:	PMP-5SW-WT				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthene, CAS: 83-32-9

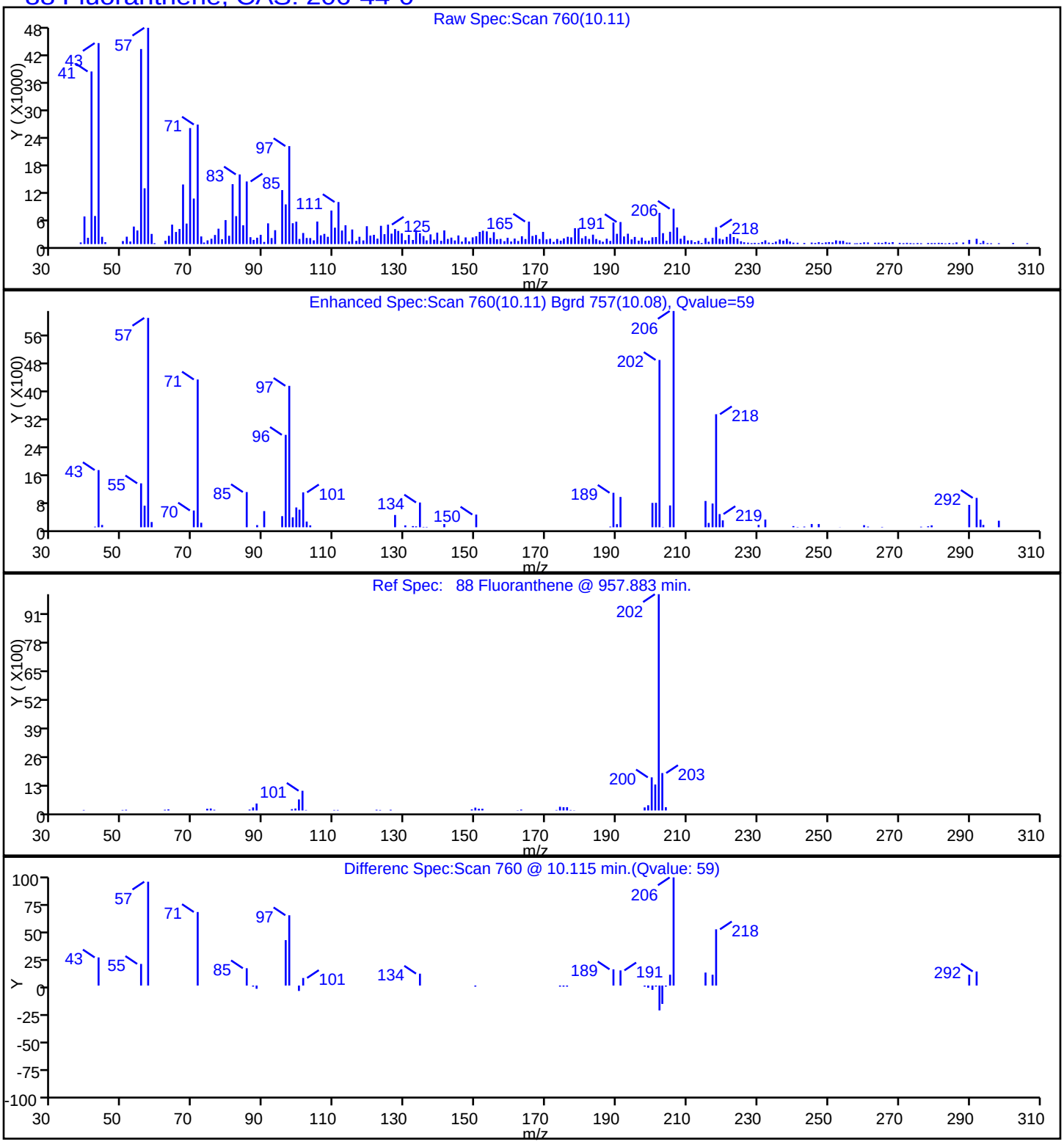


Report Date: 13-Mar-2014 11:03:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D				
Injection Date:	11-Mar-2014 12:54:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-11-A	Lab Sample ID:	460-72174-11		
Client ID:	PMP-5SW-WT				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

88 Fluoranthene, CAS: 206-44-0

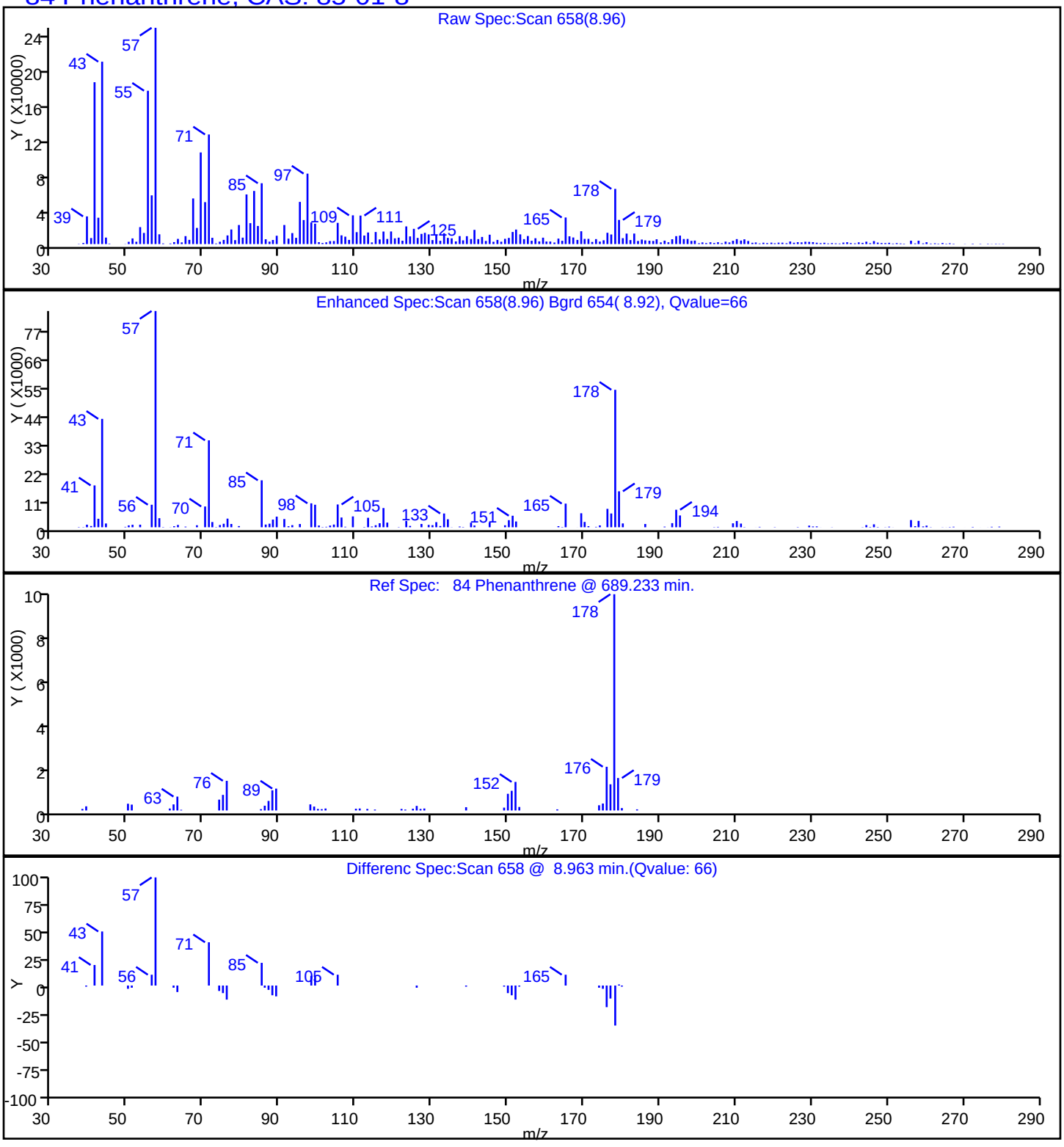


Report Date: 13-Mar-2014 11:03:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D				
Injection Date:	11-Mar-2014 12:54:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-11-A	Lab Sample ID:	460-72174-11		
Client ID:	PMP-5SW-WT				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

84 Phenanthrene, CAS: 85-01-8

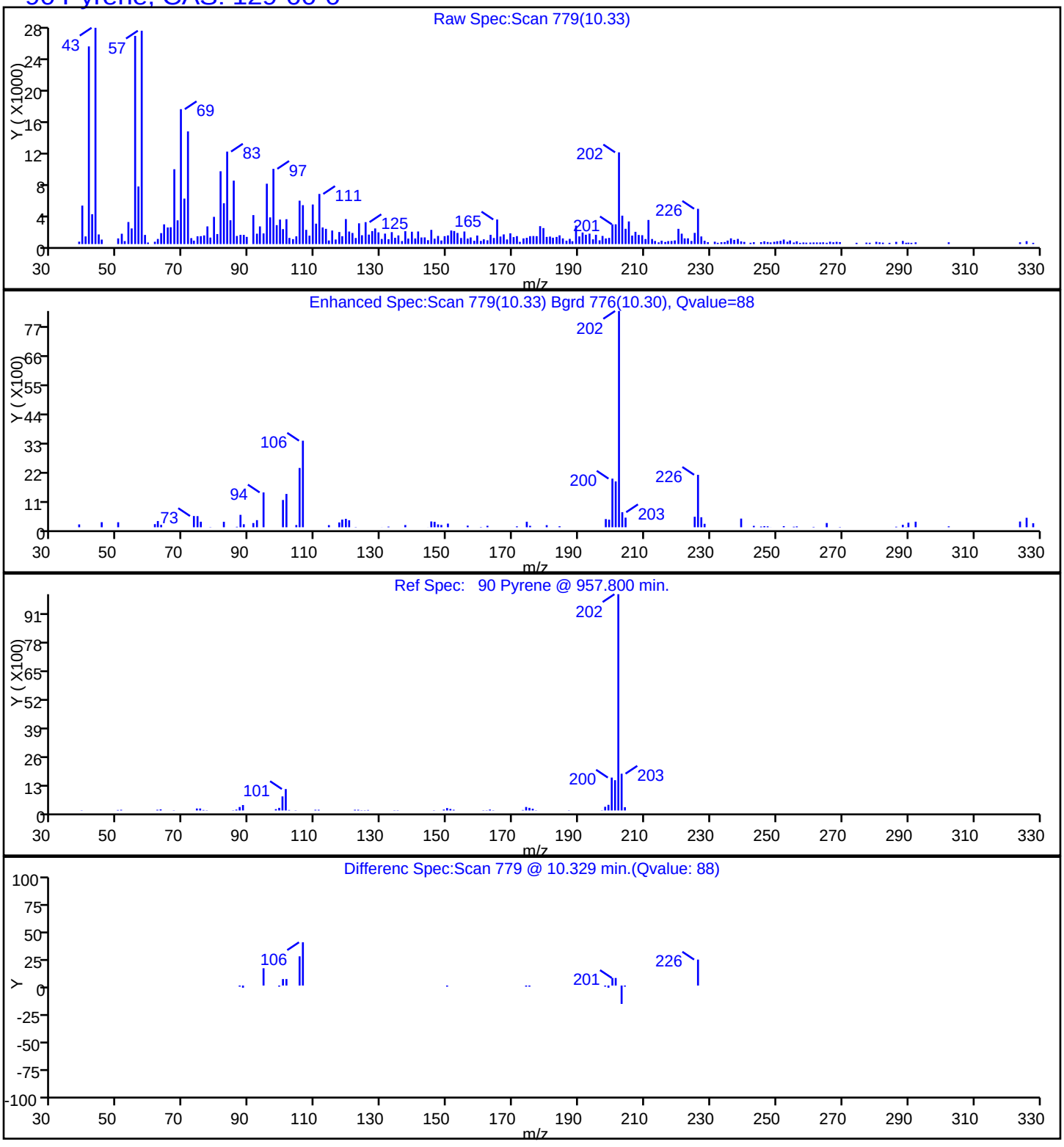


Report Date: 13-Mar-2014 11:03:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D				
Injection Date:	11-Mar-2014 12:54:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-11-A	Lab Sample ID:	460-72174-11		
Client ID:	PMP-5SW-WT				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Pyrene, CAS: 129-00-0



Report Date: 13-Mar-2014 11:03:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D

Injection Date: 11-Mar-2014 12:54:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-11-A Lab Sample ID: 460-72174-11

Client ID: PMP-5SW-WT

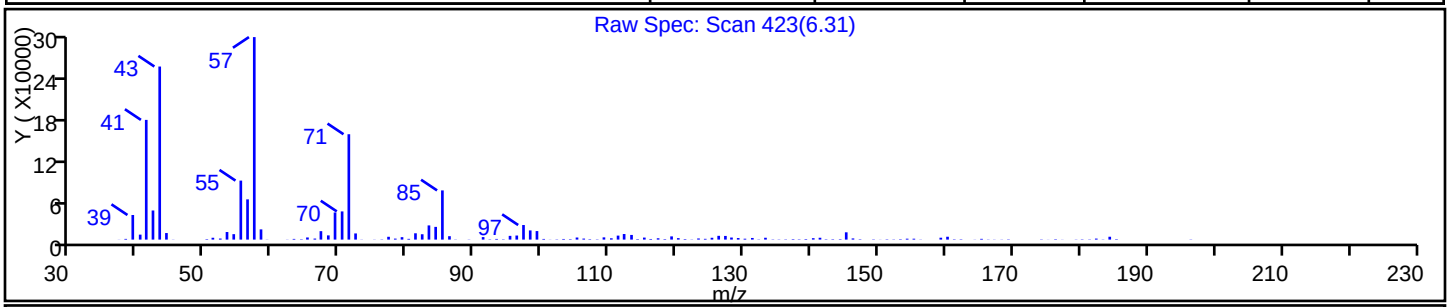
Operator ID: ALS Bottle#: 22 Worklist Smp#: 22

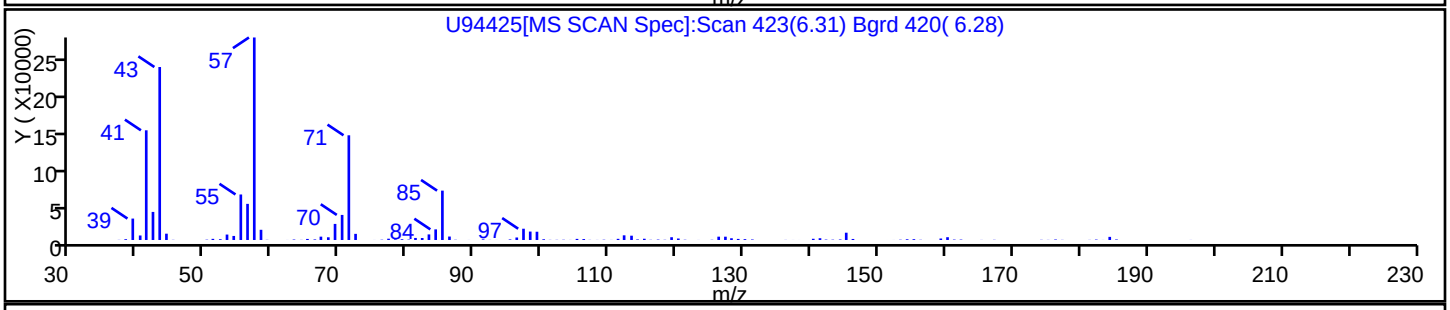
Injection Vol: 1.0 ul Dil. Factor: 1.0000

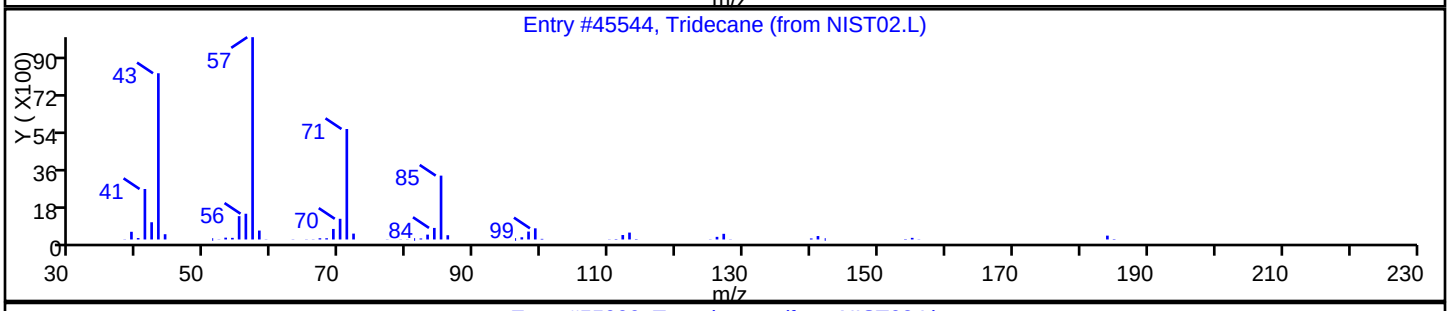
Method: 8270_4R Limit Group: SV 8270 ICAL

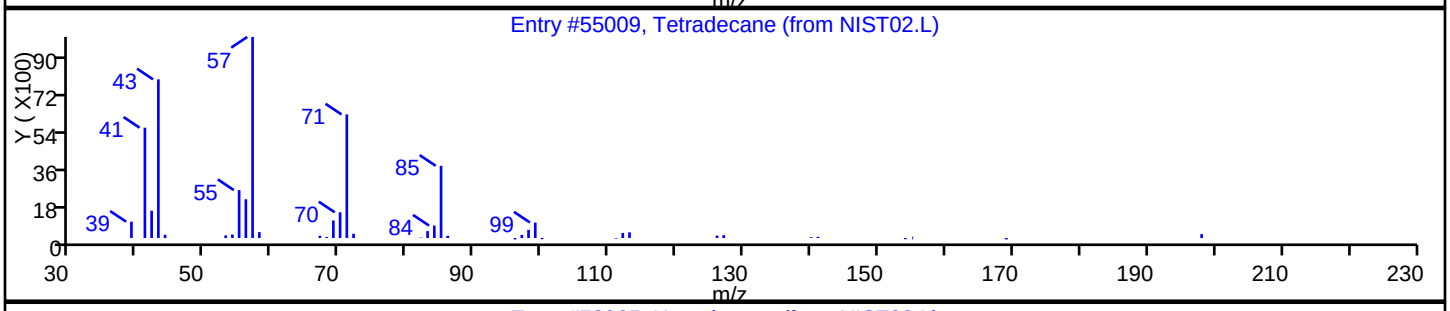
Column: Detector MS SCAN

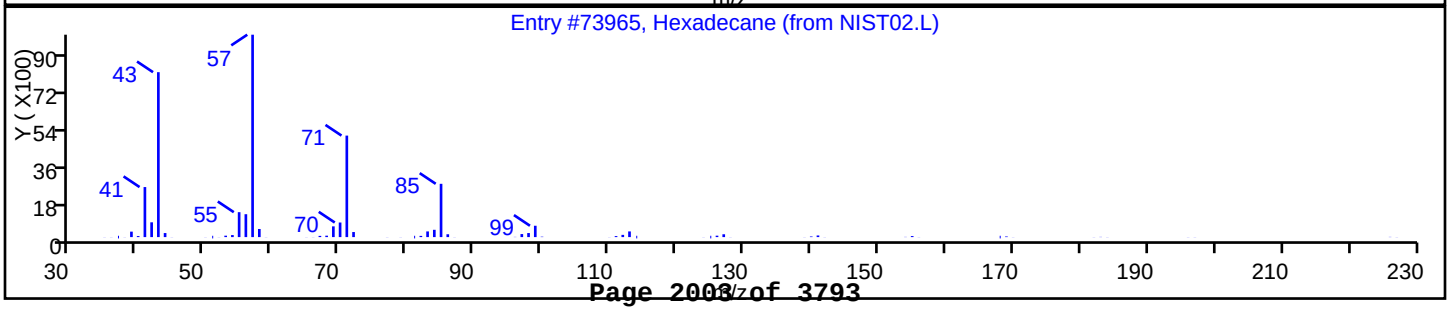
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tridecane	629-50-5	NIST02.L	45544	C13H28	184	90
Tetradecane	629-59-4	NIST02.L	55009	C14H30	198	86
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	80









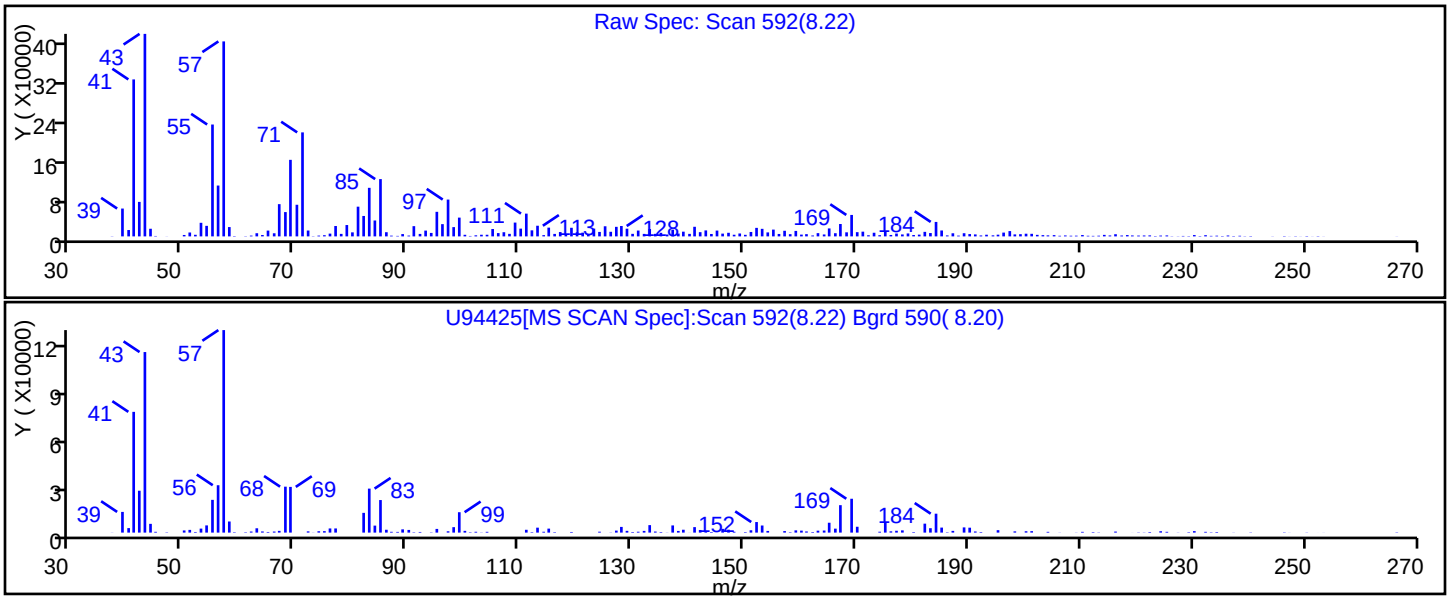


Report Date: 13-Mar-2014 11:03:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D

Injection Date:	11-Mar-2014 12:54:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-11-A	Lab Sample ID:	460-72174-11		
Client ID:	PMP-5SW-WT				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 13-Mar-2014 11:03:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D

Injection Date: 11-Mar-2014 12:54:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-11-A Lab Sample ID: 460-72174-11

Client ID: PMP-5SW-WT

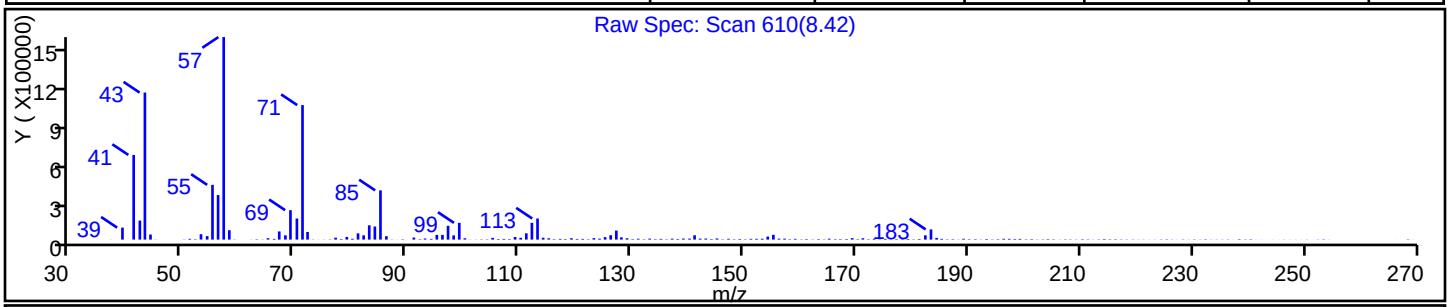
Operator ID: ALS Bottle#: 22 Worklist Smp#: 22

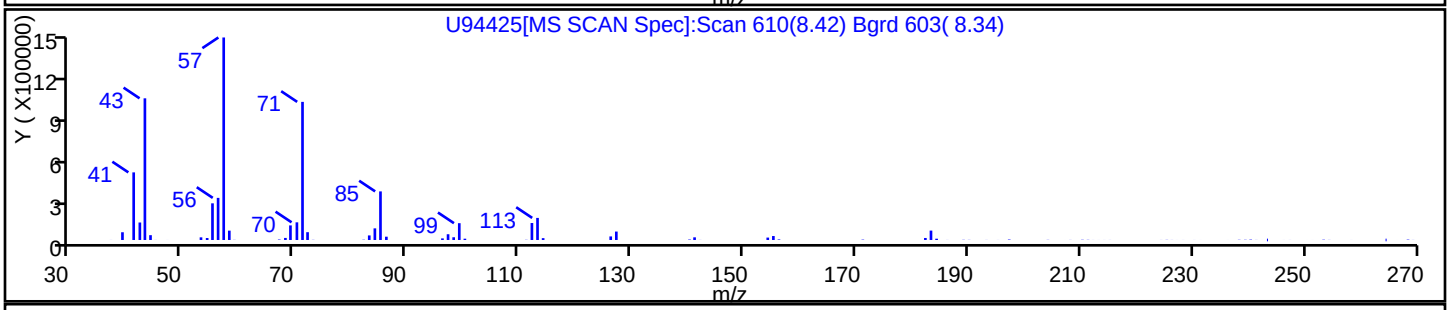
Injection Vol: 1.0 ul Dil. Factor: 1.0000

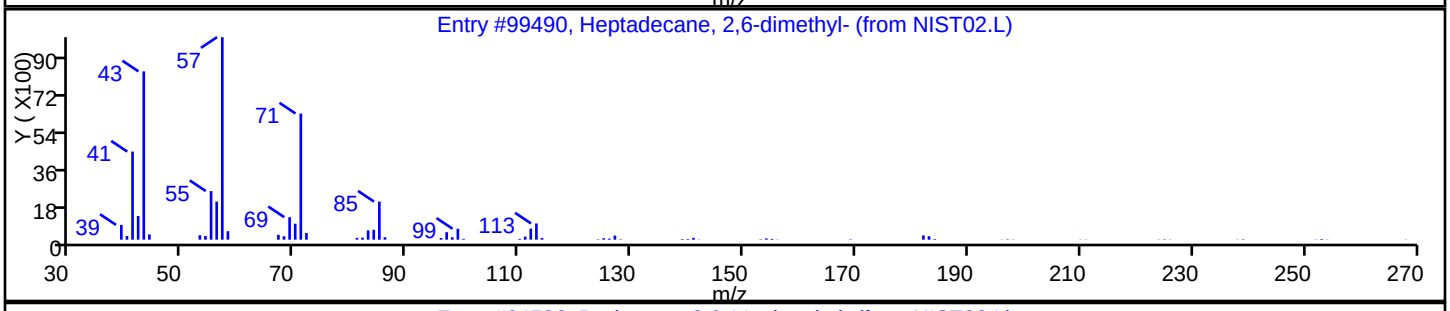
Method: 8270_4R Limit Group: SV 8270 ICAL

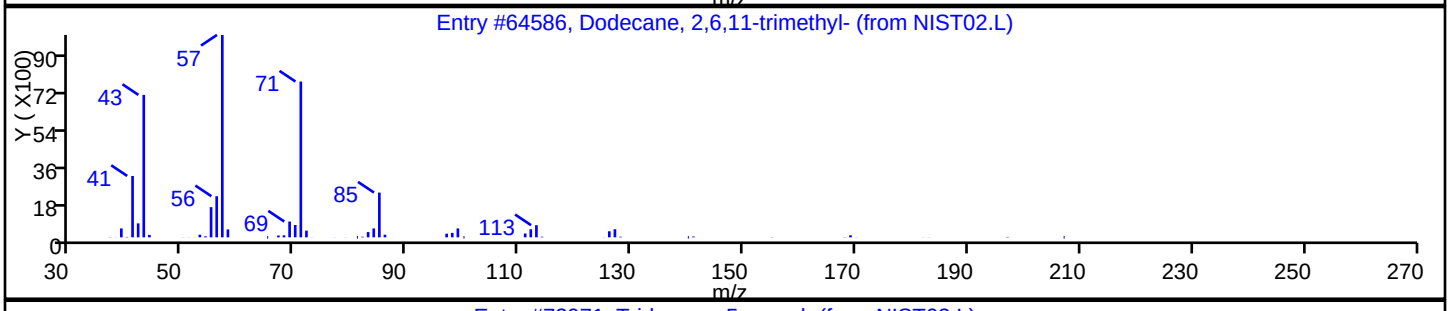
Column: Detector MS SCAN

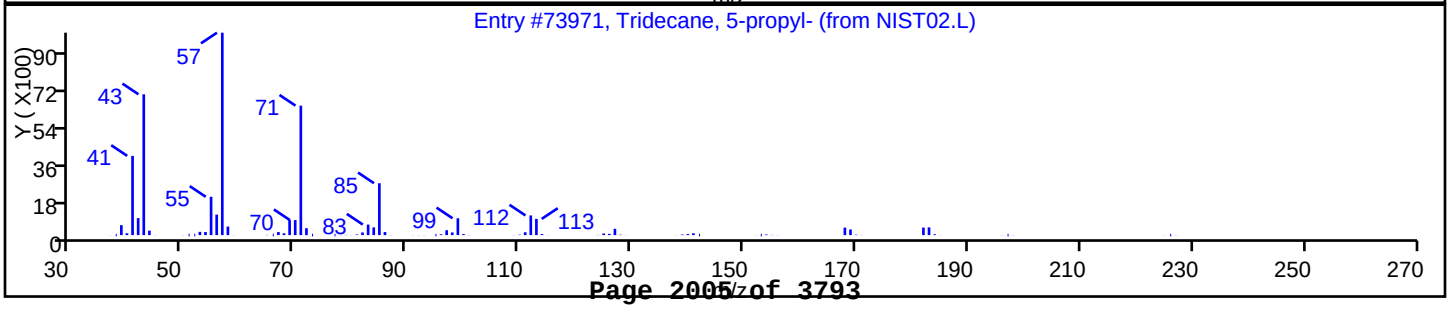
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	C19H40	268	91
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64586	C15H32	212	83
Tridecane, 5-propyl-	55045-11-9	NIST02.L	73971	C16H34	226	80











Report Date: 13-Mar-2014 11:03:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D

Injection Date: 11-Mar-2014 12:54:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-11-A Lab Sample ID: 460-72174-11

Client ID: PMP-5SW-WT

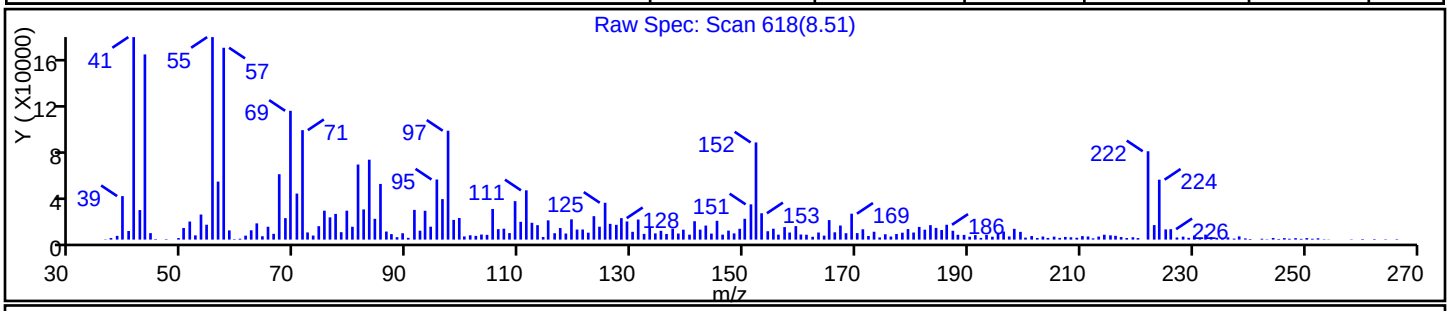
Operator ID: ALS Bottle#: 22 Worklist Smp#: 22

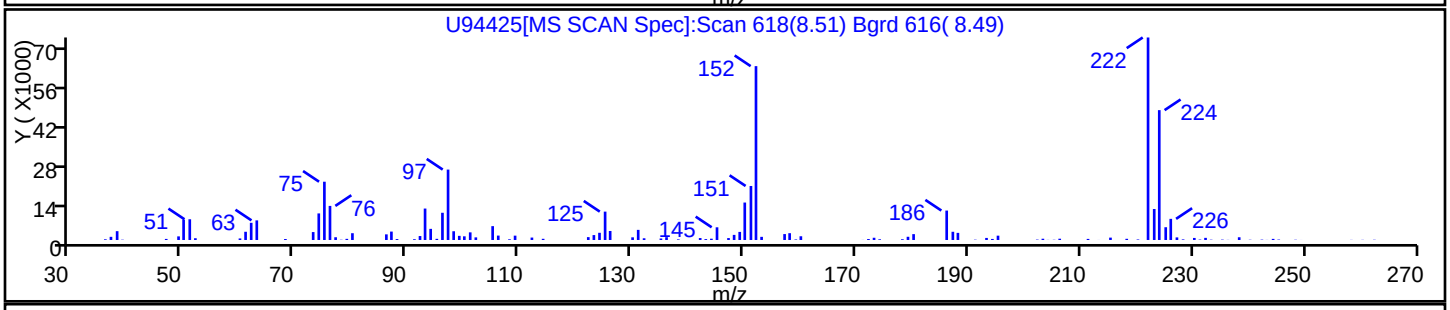
Injection Vol: 1.0 ul Dil. Factor: 1.0000

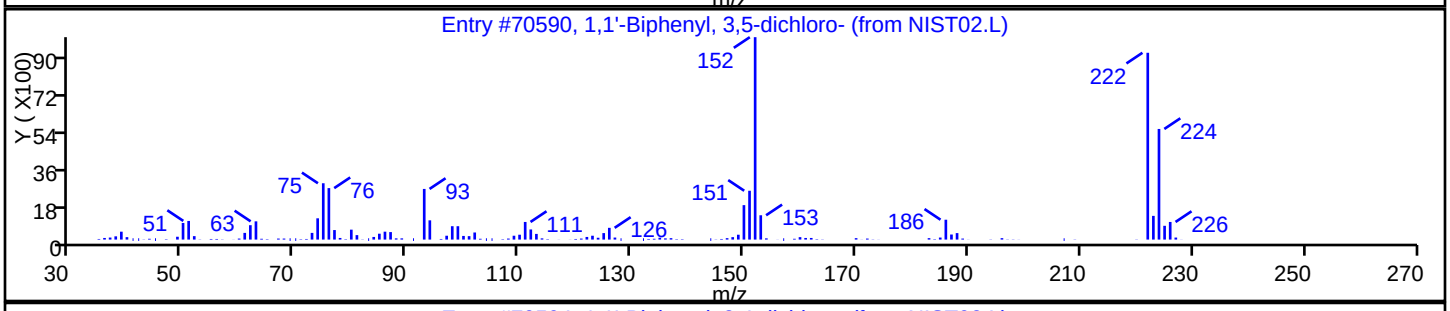
Method: 8270_4R Limit Group: SV 8270 ICAL

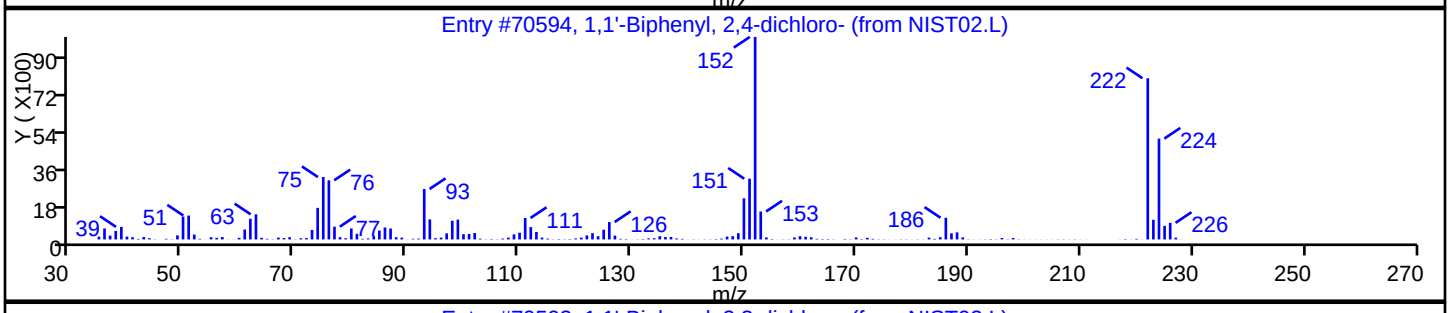
Column: Detector MS SCAN

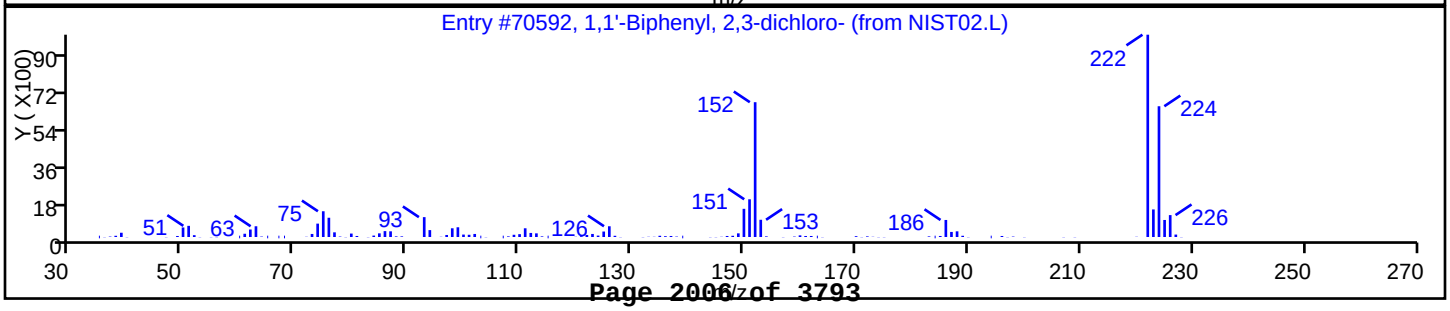
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 3,5-dichloro-	34883-41-5	NIST02.L	70590	C12H8Cl2	222	93
1,1'-Biphenyl, 2,4-dichloro-	33284-50-3	NIST02.L	70594	C12H8Cl2	222	93
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.L	70592	C12H8Cl2	222	93









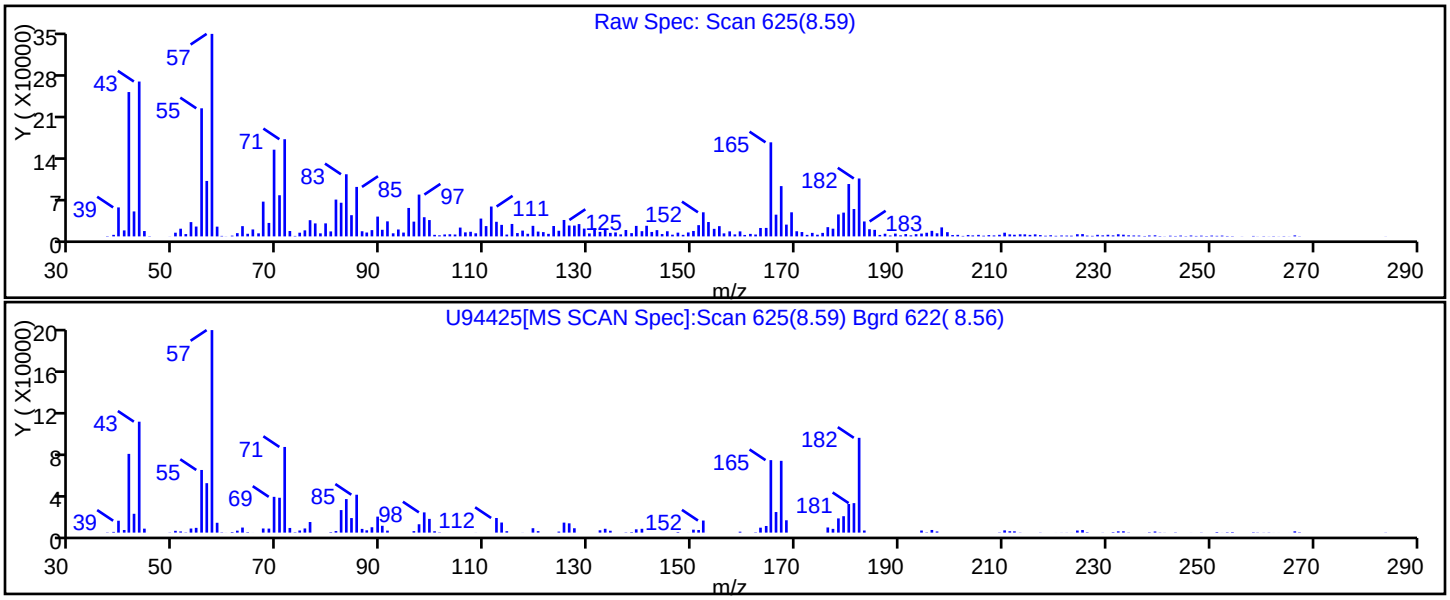


Report Date: 13-Mar-2014 11:03:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D

Injection Date:	11-Mar-2014 12:54:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-11-A	Lab Sample ID:	460-72174-11		
Client ID:	PMP-5SW-WT				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	No Library Matches Found above the Threshold: 80	Detector	MS SCAN		



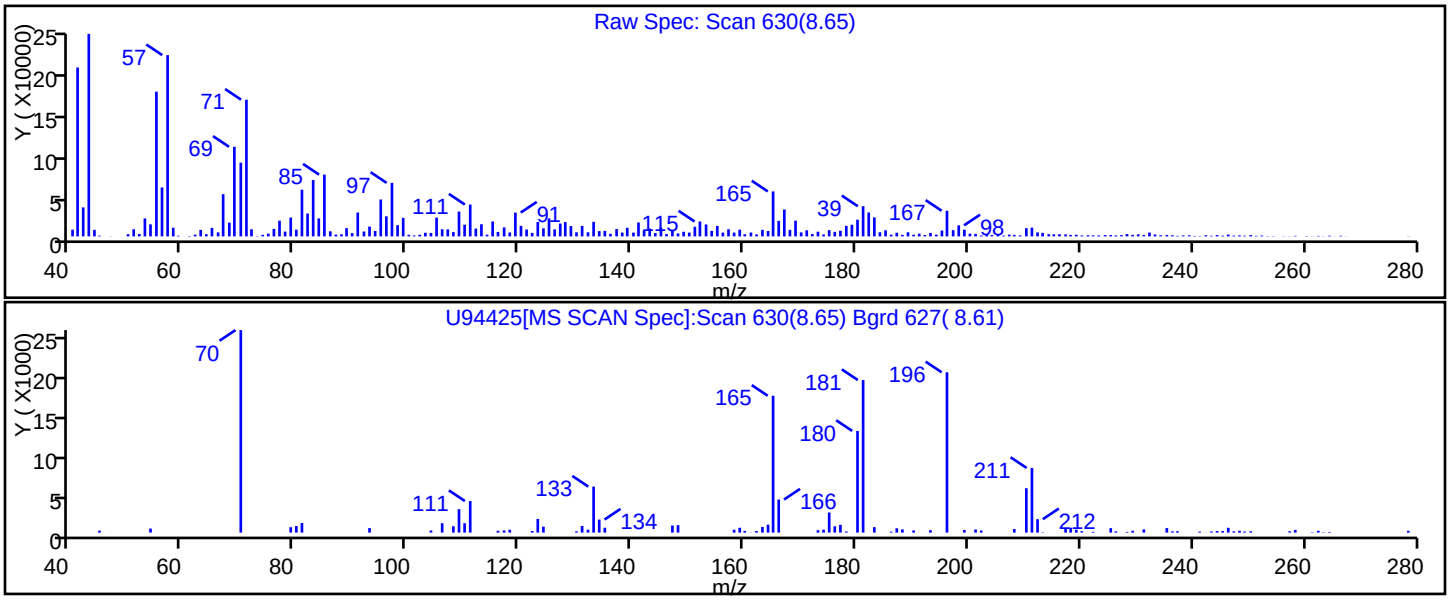
Report Date: 13-Mar-2014 11:03:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D

Injection Date:	11-Mar-2014 12:54:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-11-A	Lab Sample ID:	460-72174-11		
Client ID:	PMP-5SW-WT				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

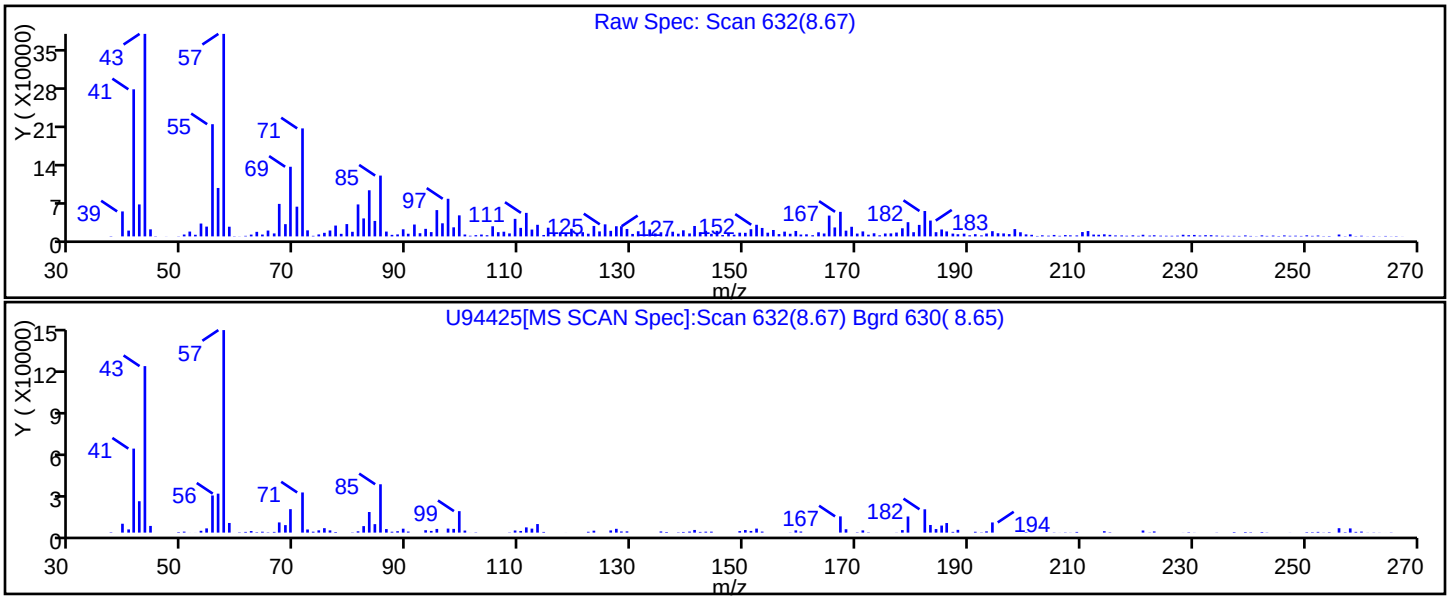


Report Date: 13-Mar-2014 11:03:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D

Injection Date:	11-Mar-2014 12:54:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-11-A	Lab Sample ID:	460-72174-11		
Client ID:	PMP-5SW-WT				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		

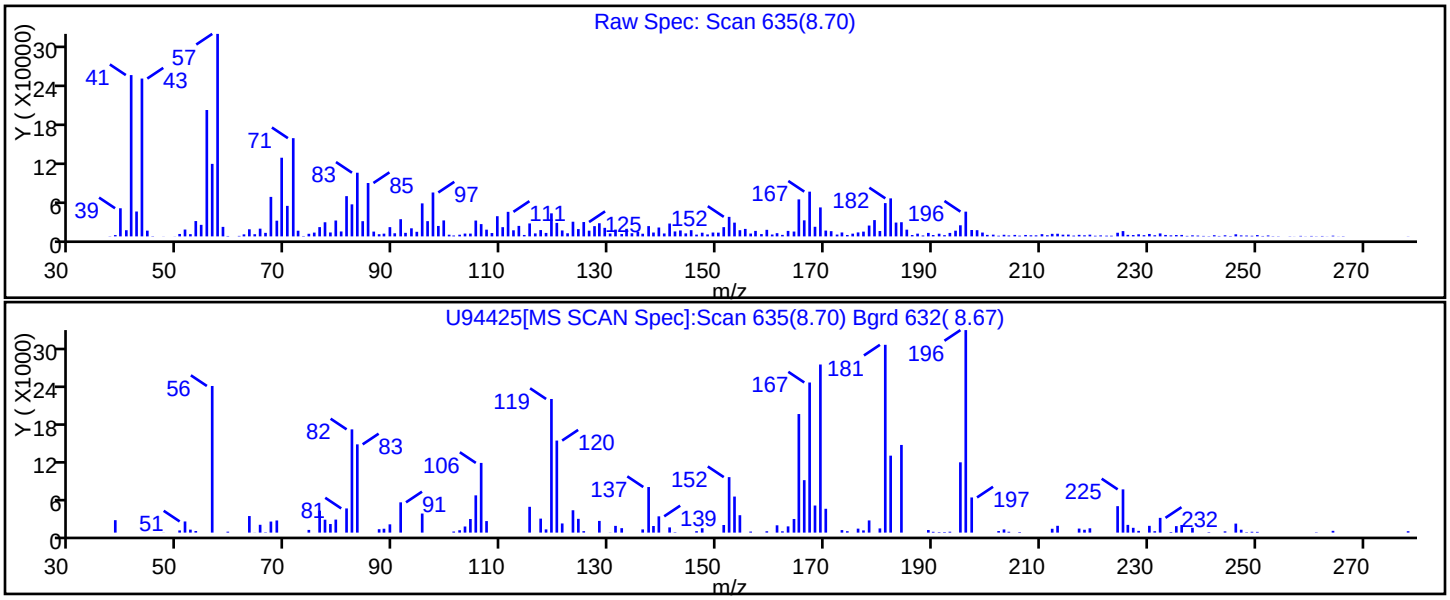


Report Date: 13-Mar-2014 11:03:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D

Injection Date:	11-Mar-2014 12:54:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-11-A	Lab Sample ID:	460-72174-11		
Client ID:	PMP-5SW-WT				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 13-Mar-2014 11:03:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D

Injection Date: 11-Mar-2014 12:54:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-11-A Lab Sample ID: 460-72174-11

Client ID: PMP-5SW-WT

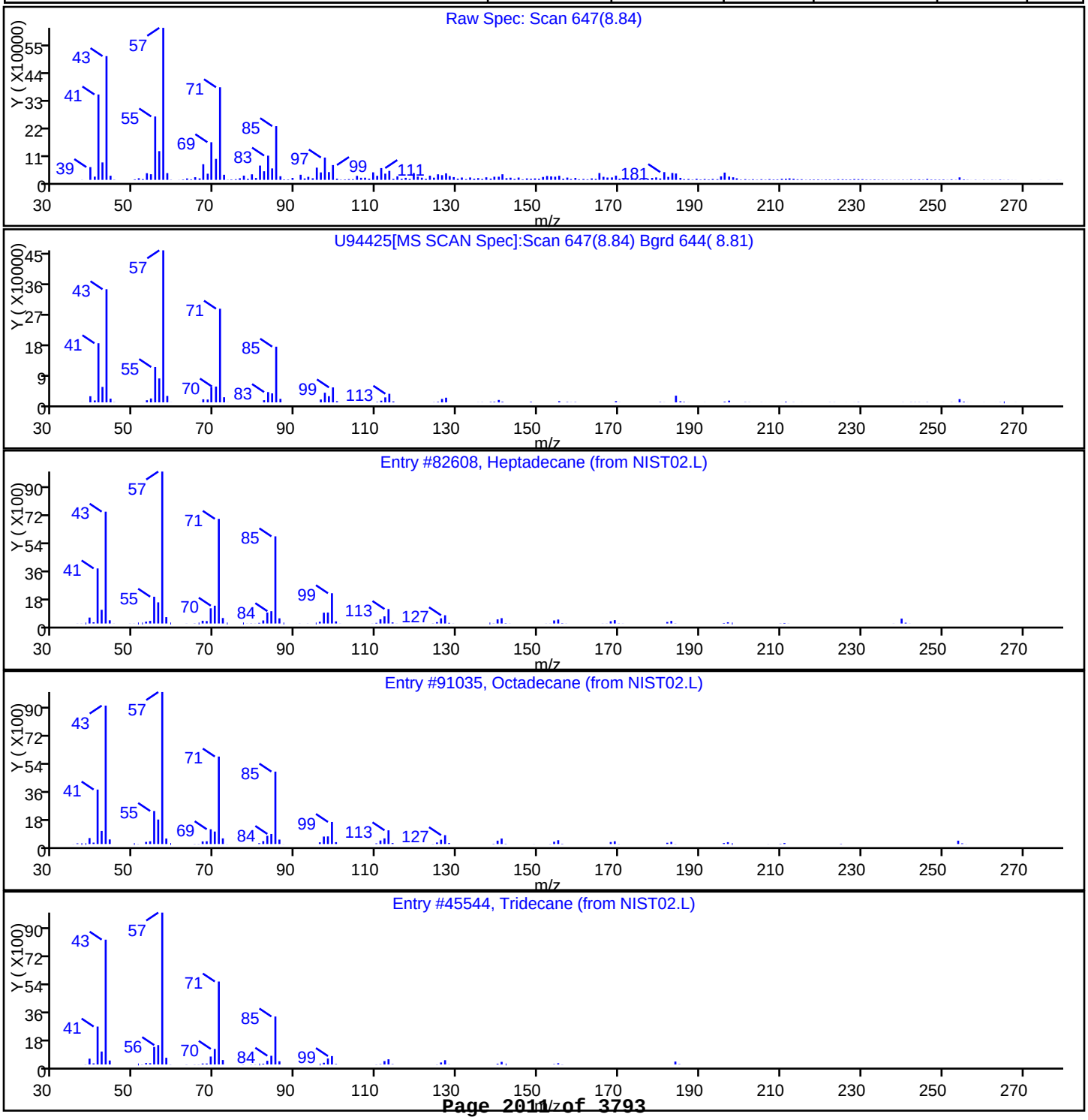
Operator ID: ALS Bottle#: 22 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptadecane	629-78-7	NIST02.L	82608	C17H36	240	94
Octadecane	593-45-3	NIST02.L	91035	C18H38	254	93
Tridecane	629-50-5	NIST02.L	45544	C13H28	184	91



Report Date: 13-Mar-2014 11:03:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D

Injection Date: 11-Mar-2014 12:54:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-11-A Lab Sample ID: 460-72174-11

Client ID: PMP-5SW-WT

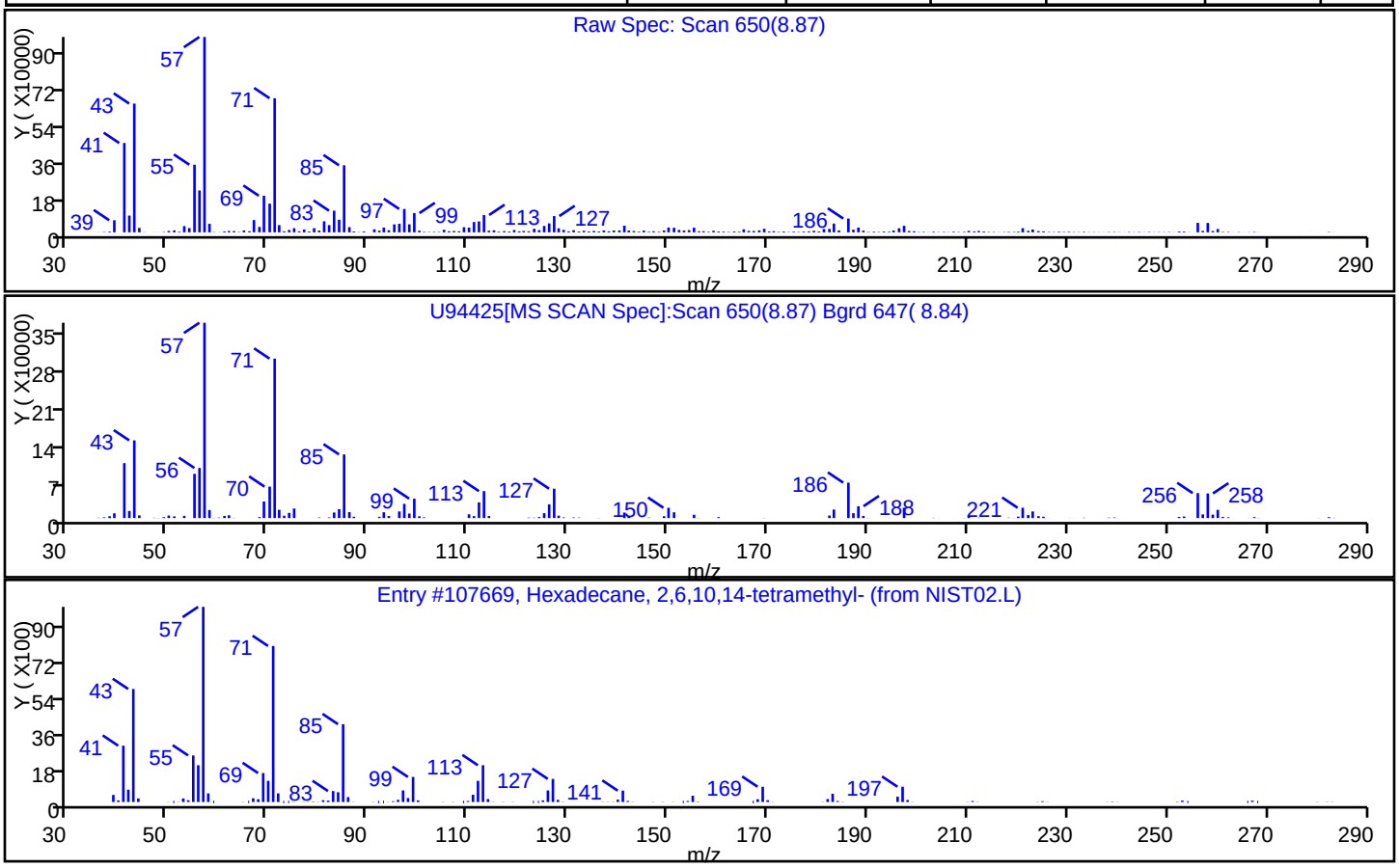
Operator ID: ALS Bottle#: 22 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

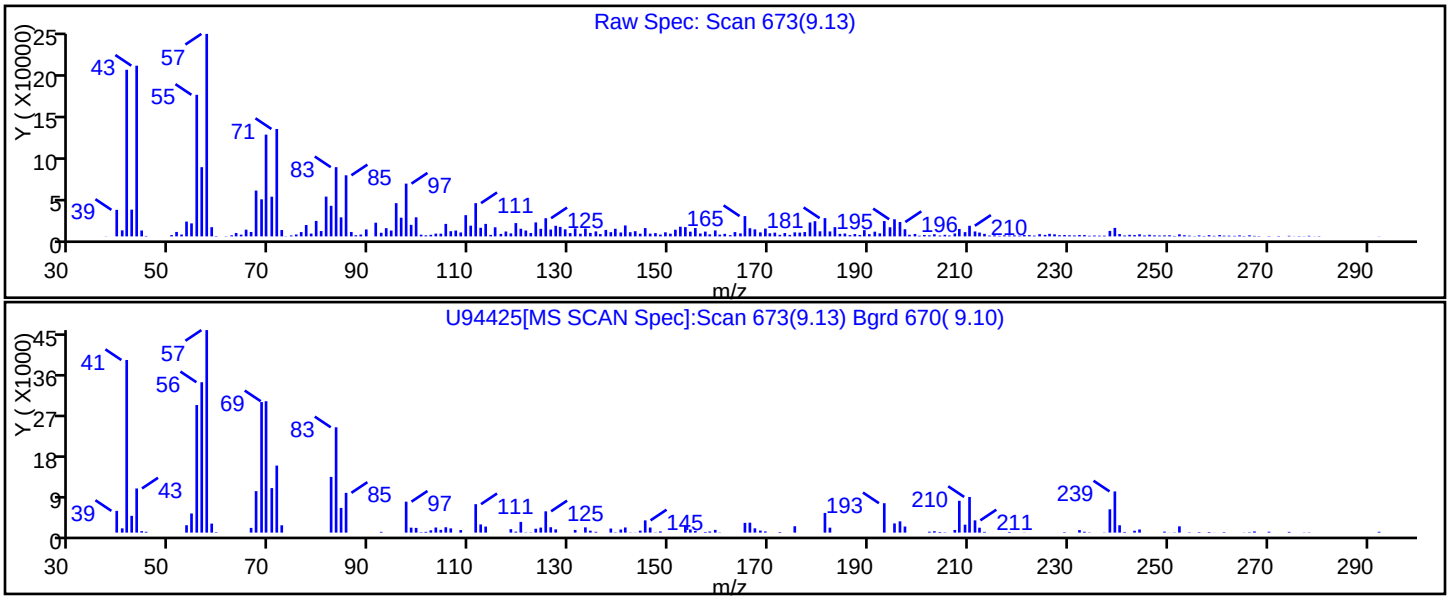
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107669	C20H42	282	89



Report Date: 13-Mar-2014 11:03:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D				
Injection Date:	11-Mar-2014 12:54:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-11-A	Lab Sample ID:	460-72174-11		
Client ID:	PMP-5SW-WT				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 13-Mar-2014 11:03:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D

Injection Date: 11-Mar-2014 12:54:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-11-A Lab Sample ID: 460-72174-11

Client ID: PMP-5SW-WT

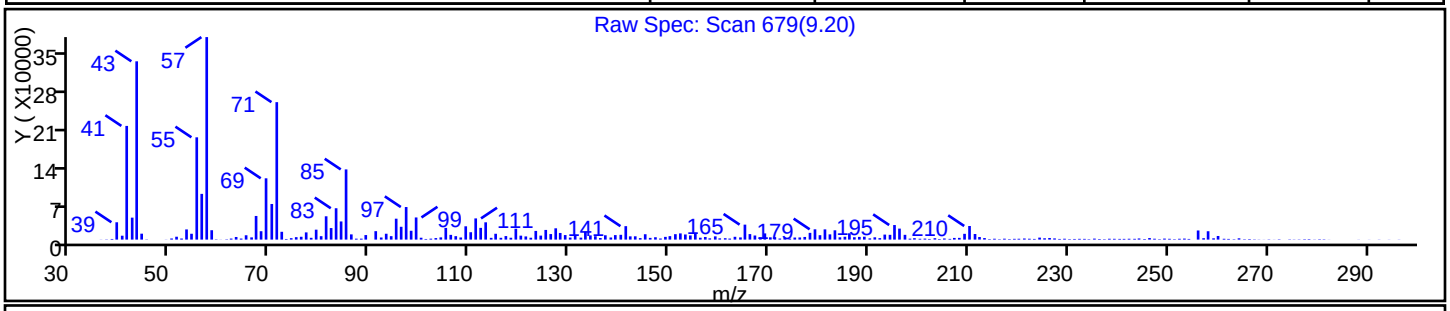
Operator ID: ALS Bottle#: 22 Worklist Smp#: 22

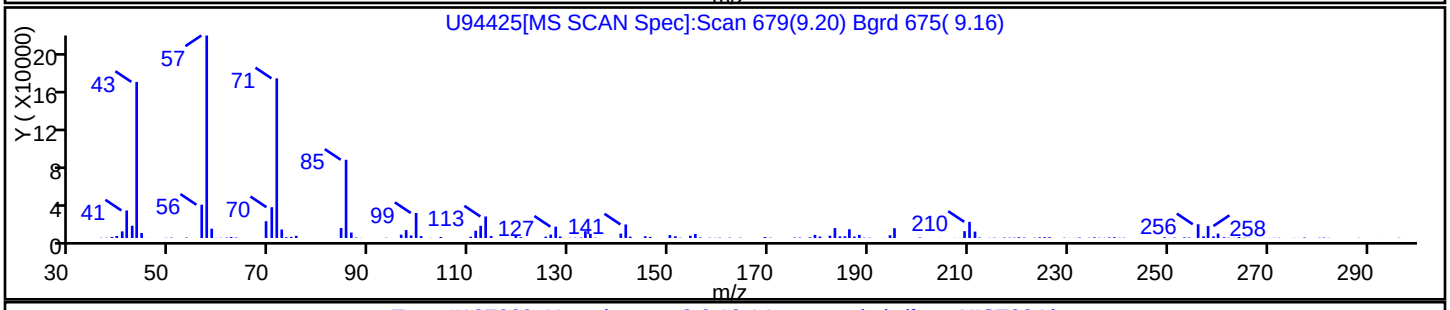
Injection Vol: 1.0 ul Dil. Factor: 1.0000

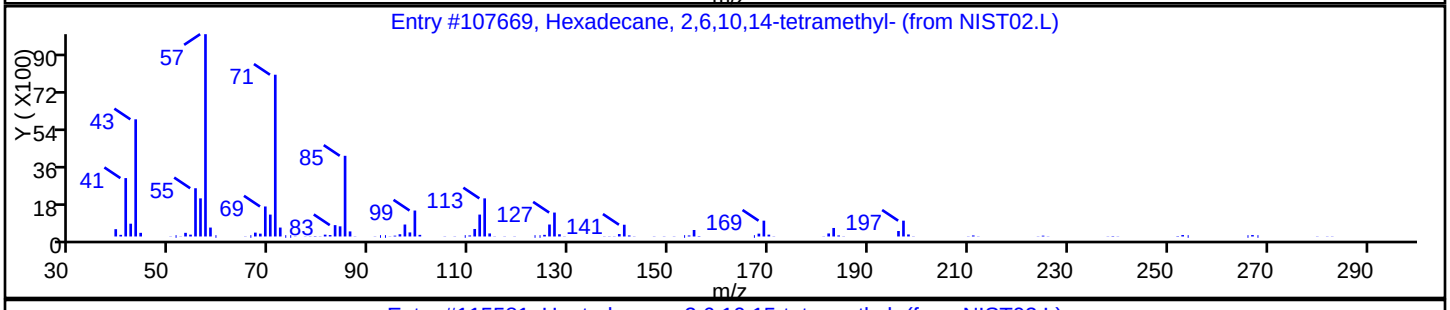
Method: 8270_4R Limit Group: SV 8270 ICAL

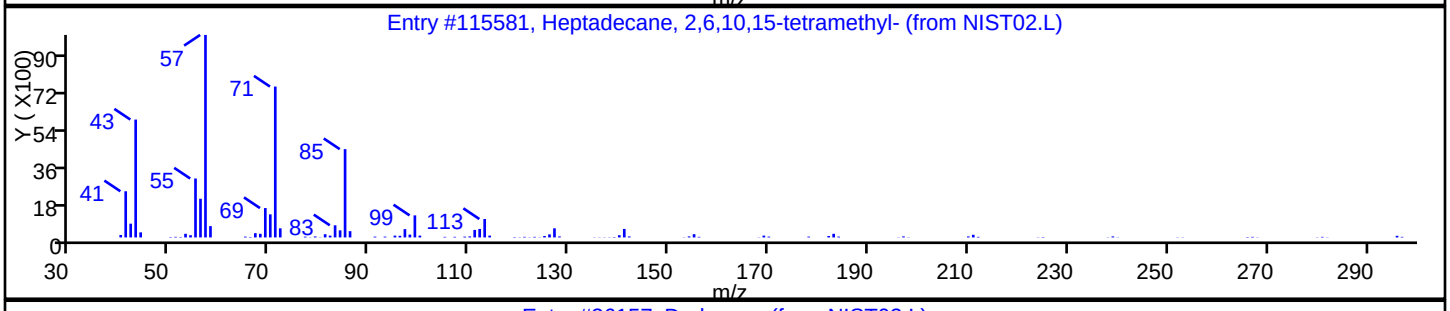
Column: Detector MS SCAN

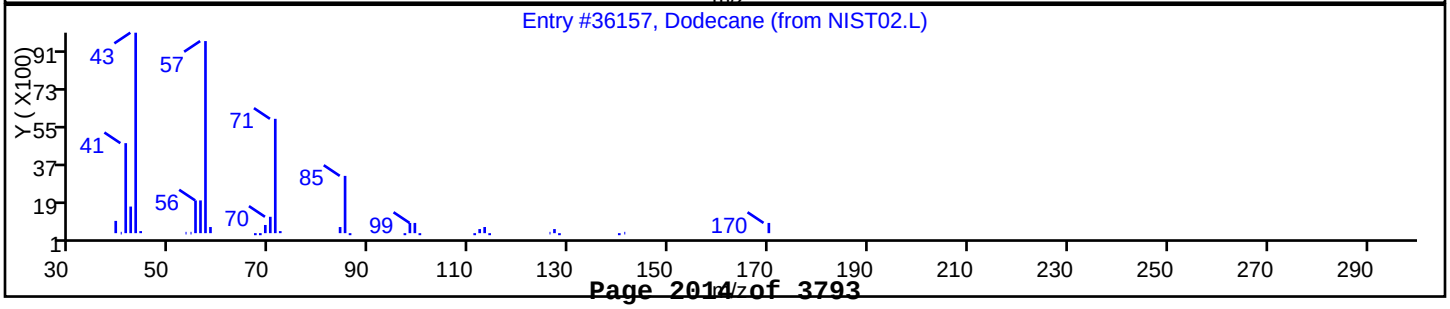
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107669	C20H42	282	87
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	C21H44	296	83
Dodecane	112-40-3	NIST02.L	36157	C12H26	170	83











Report Date: 13-Mar-2014 11:03:21 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D

Injection Date: 11-Mar-2014 12:54:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-11-A Lab Sample ID: 460-72174-11

Client ID: PMP-5SW-WT

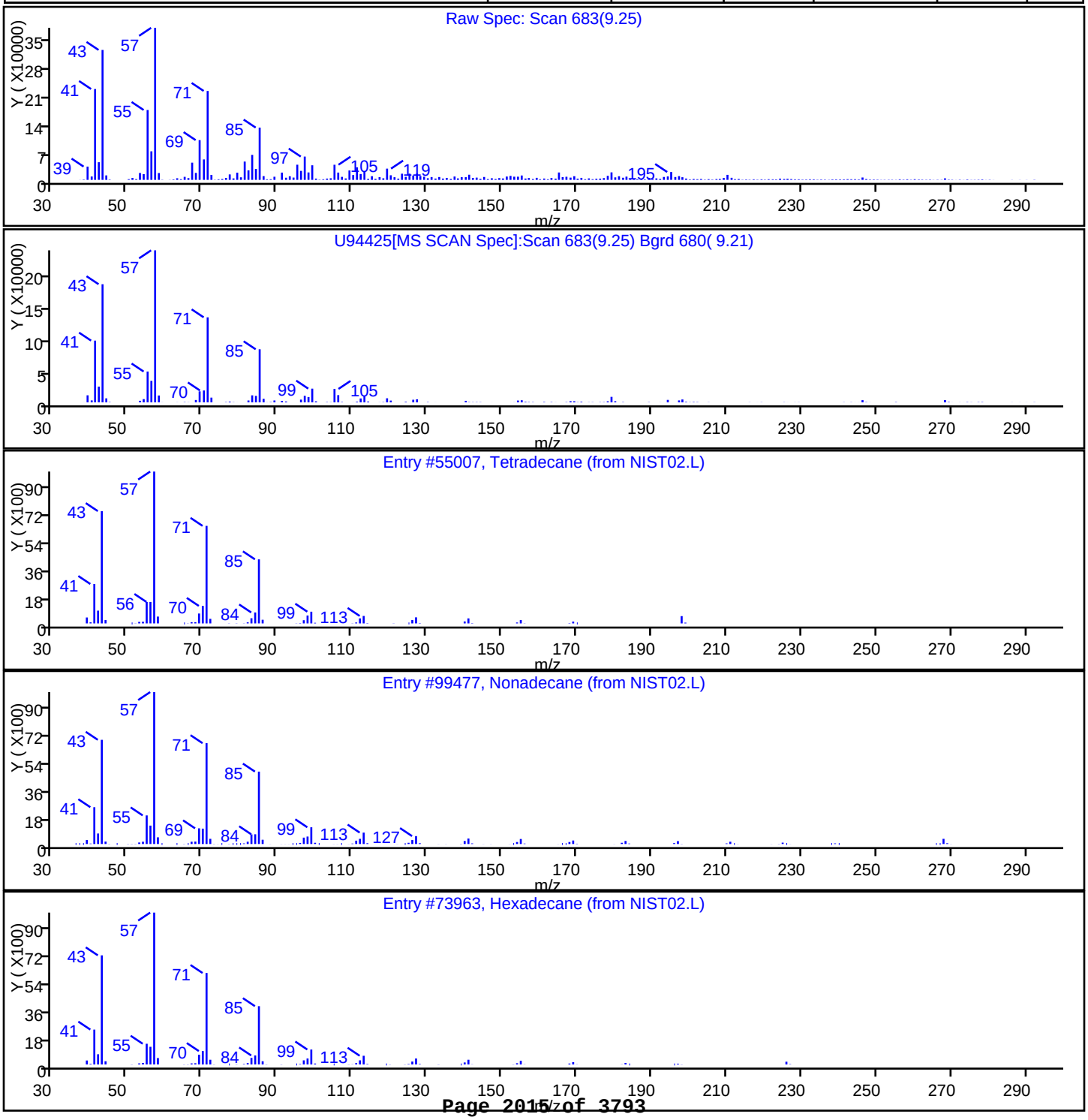
Operator ID: ALS Bottle#: 22 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetradecane	629-59-4	NIST02.L	55007	C14H30	198	91
Nonadecane	629-92-5	NIST02.L	99477	C19H40	268	91
Hexadecane	544-76-3	NIST02.L	73963	C16H34	226	87



Report Date: 13-Mar-2014 11:03:21 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D

Injection Date: 11-Mar-2014 12:54:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-11-A Lab Sample ID: 460-72174-11

Client ID: PMP-5SW-WT

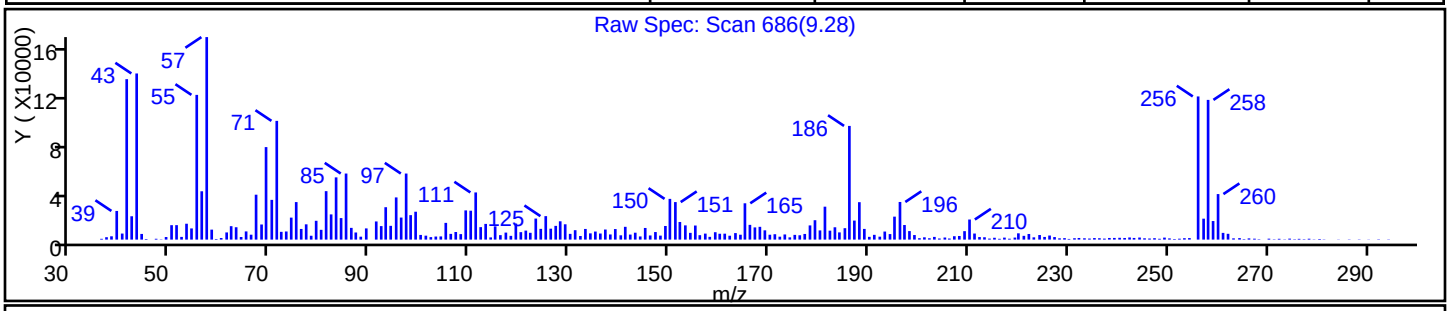
Operator ID: ALS Bottle#: 22 Worklist Smp#: 22

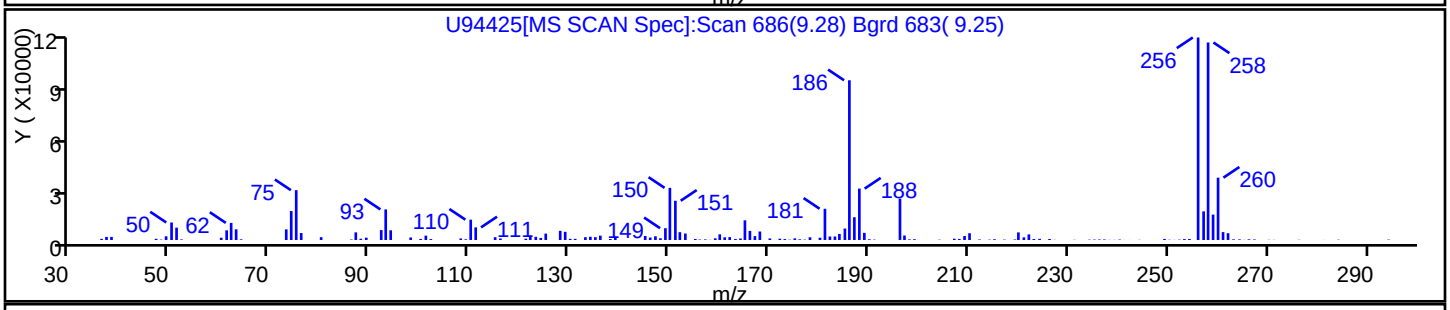
Injection Vol: 1.0 ul Dil. Factor: 1.0000

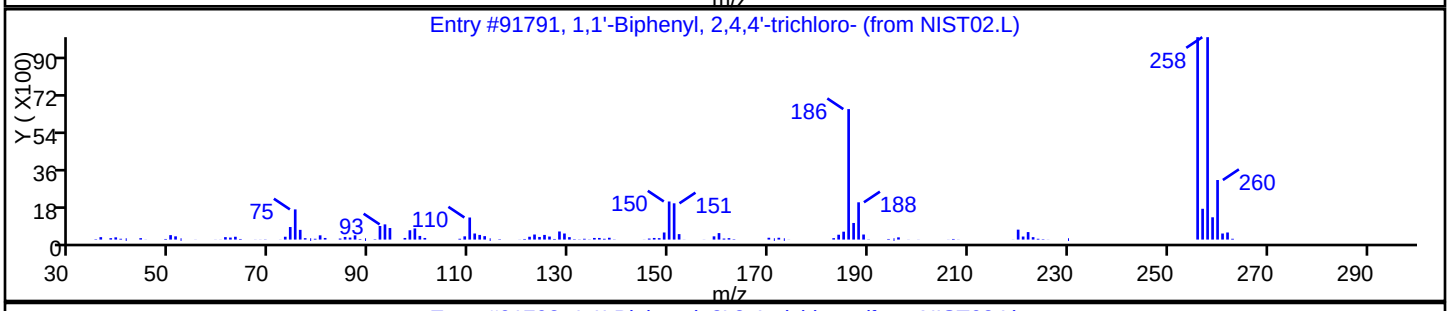
Method: 8270_4R Limit Group: SV 8270 ICAL

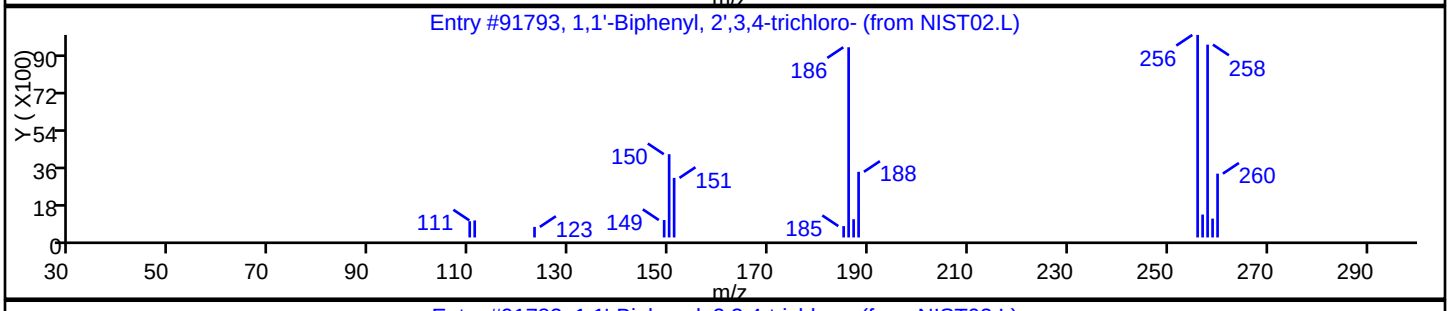
Column: Detector MS SCAN

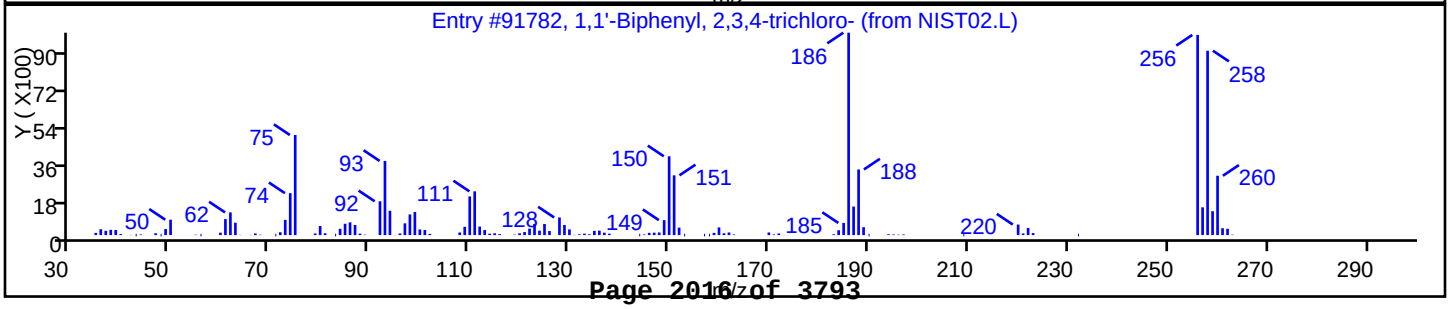
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	98
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	95
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	C12H7Cl3	256	95











Report Date: 13-Mar-2014 11:03:21 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D

Injection Date: 11-Mar-2014 12:54:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-11-A Lab Sample ID: 460-72174-11

Client ID: PMP-5SW-WT

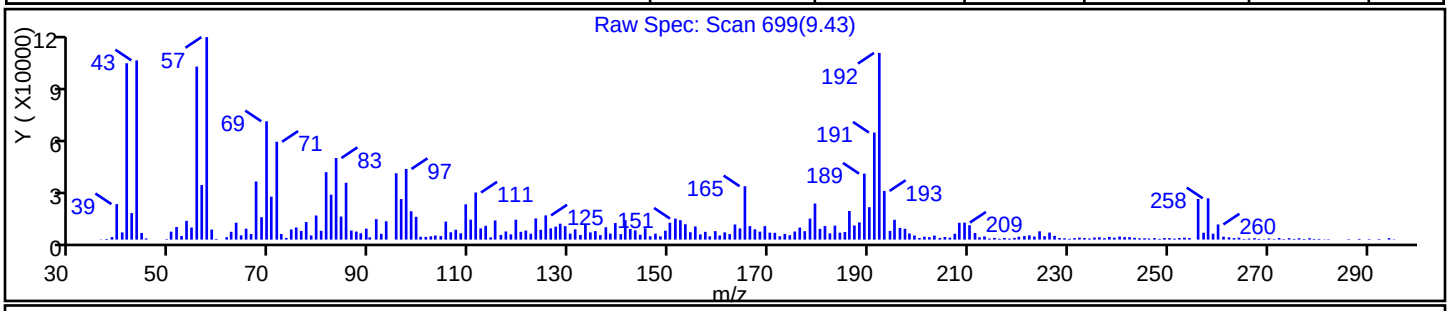
Operator ID: ALS Bottle#: 22 Worklist Smp#: 22

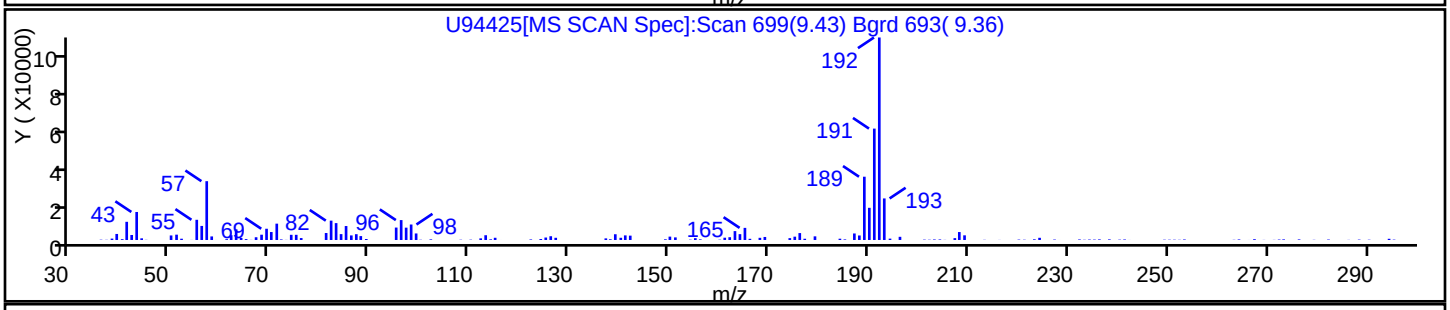
Injection Vol: 1.0 ul Dil. Factor: 1.0000

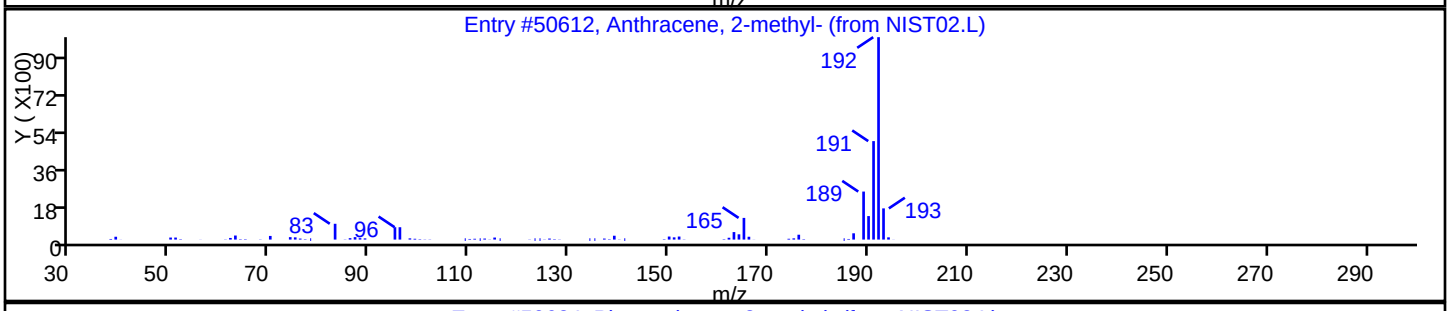
Method: 8270_4R Limit Group: SV 8270 ICAL

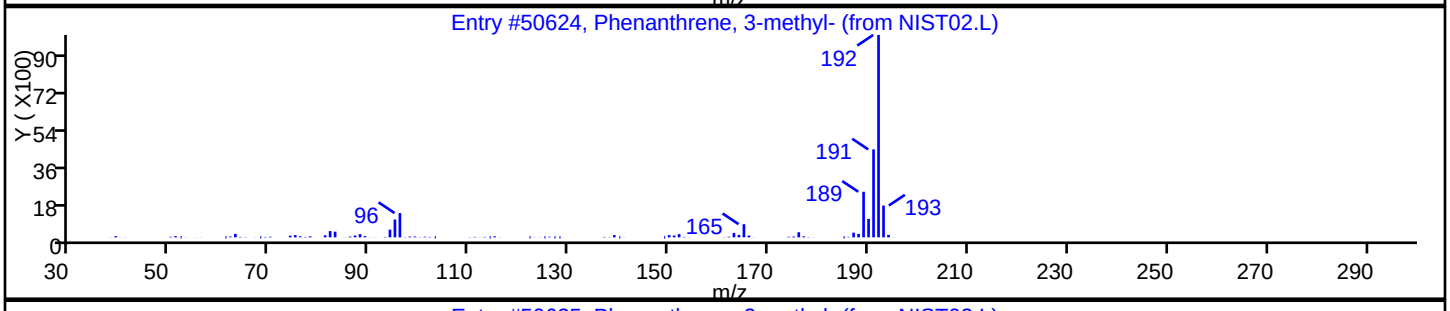
Column: Detector MS SCAN

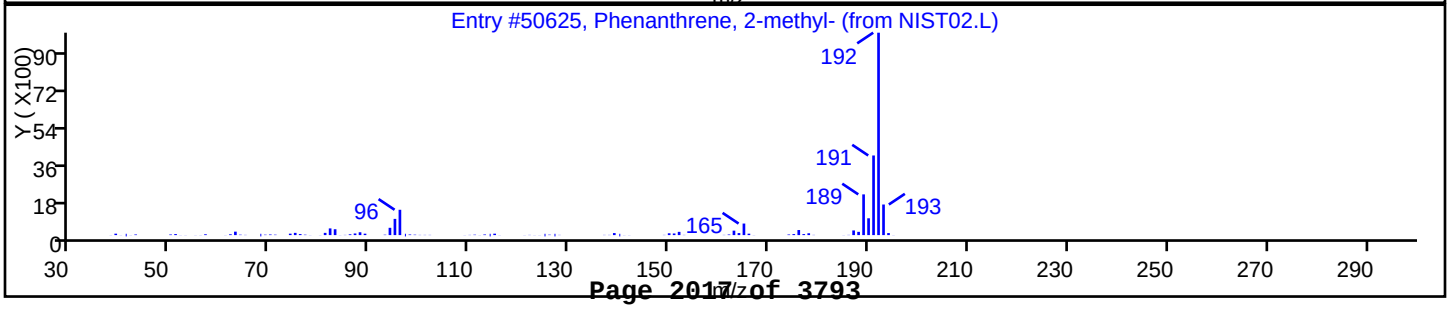
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Anthracene, 2-methyl-	613-12-7	NIST02.L	50612	C15H12	192	90
Phenanthrene, 3-methyl-	832-71-3	NIST02.L	50624	C15H12	192	83
Phenanthrene, 2-methyl-	2531-84-2	NIST02.L	50625	C15H12	192	83











Report Date: 13-Mar-2014 11:03:21 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D

Injection Date: 11-Mar-2014 12:54:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-11-A Lab Sample ID: 460-72174-11

Client ID: PMP-5SW-WT

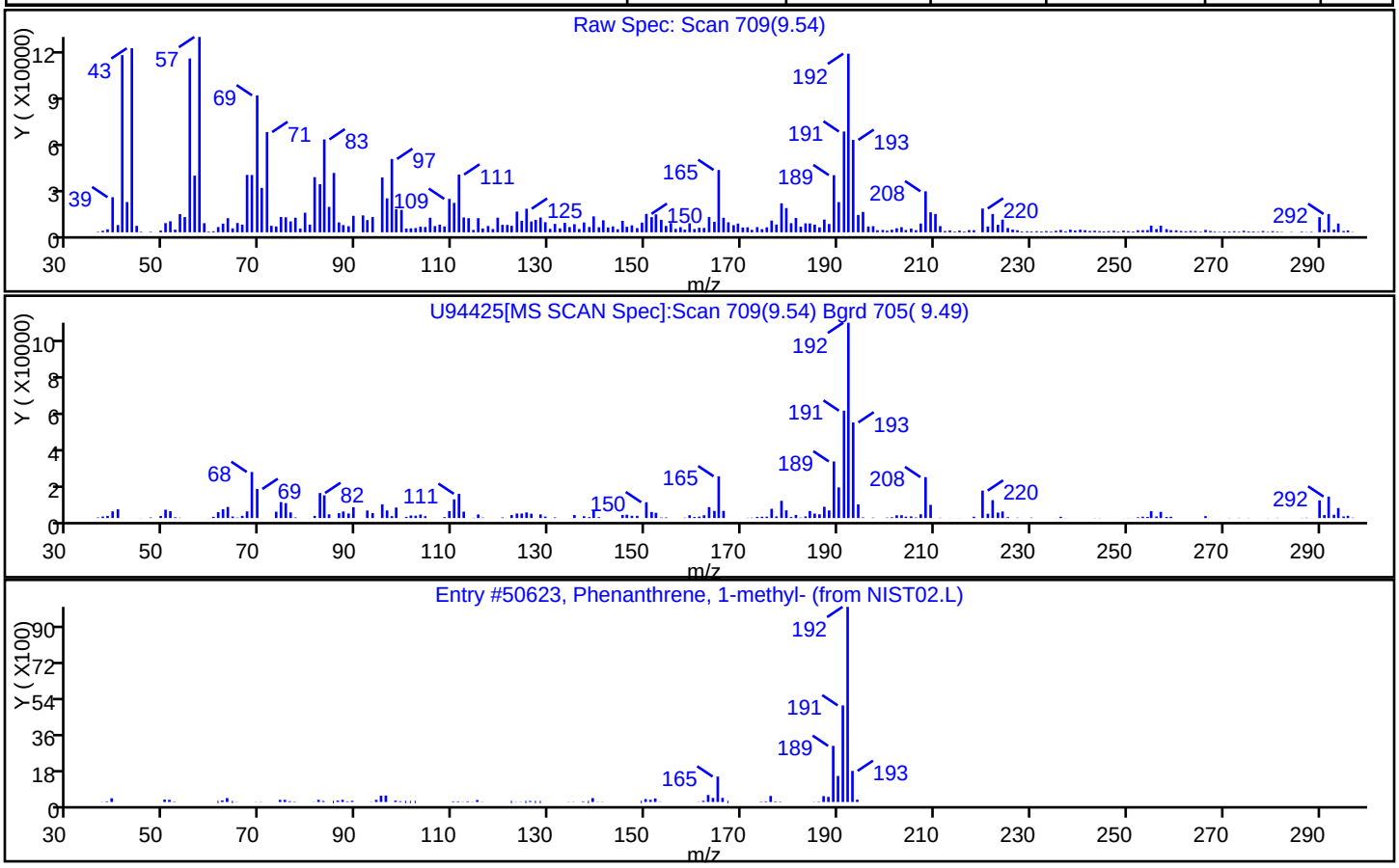
Operator ID: ALS Bottle#: 22 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Phenanthrene, 1-methyl-	832-69-9	NIST02.L	50623	C15H12	192	89



Report Date: 13-Mar-2014 11:03:21 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D

Injection Date: 11-Mar-2014 12:54:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-11-A Lab Sample ID: 460-72174-11

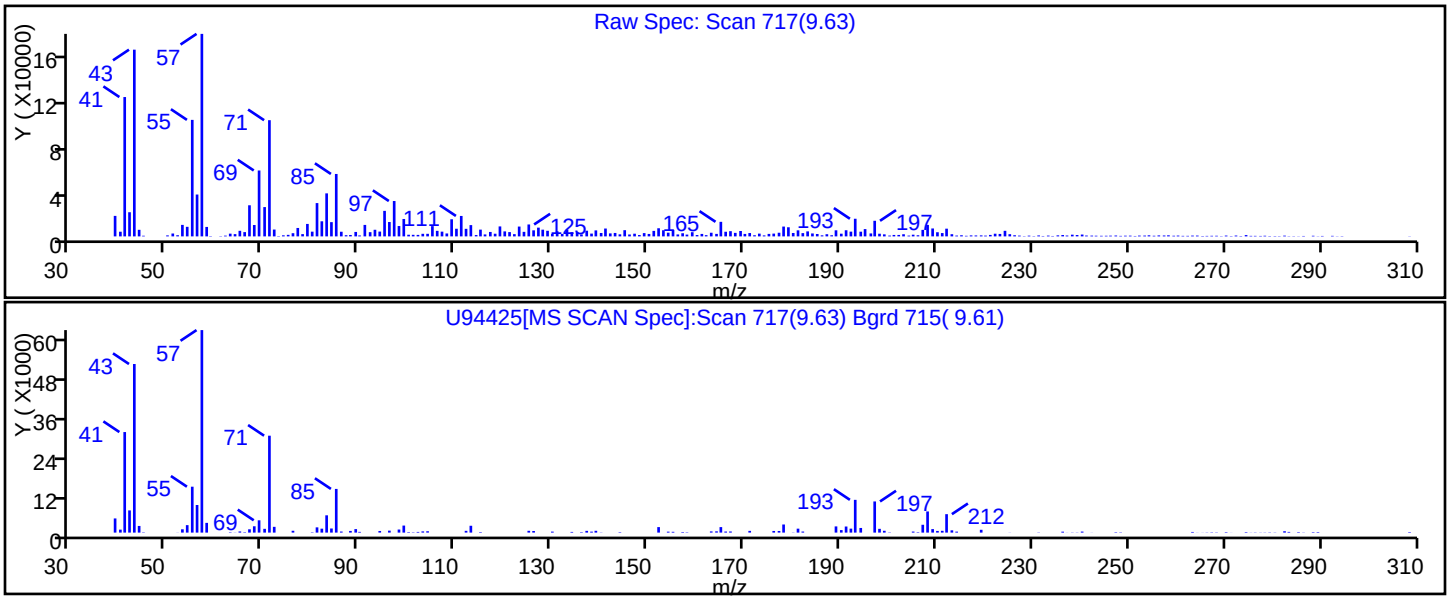
Client ID: PMP-5SW-WT

Operator ID: ALS Bottle#: 22 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

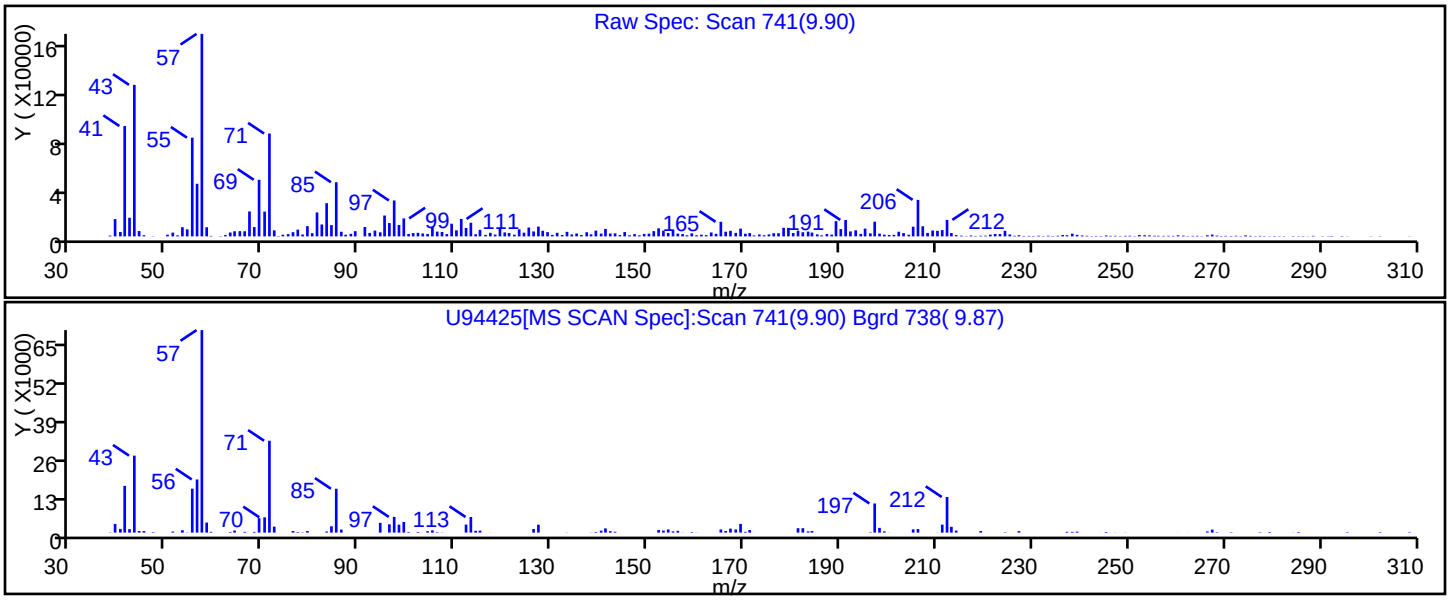
Solution Library Matches Found above the Threshold: 80 Detector MS SCAN



Report Date: 13-Mar-2014 11:03:21 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D				
Injection Date:	11-Mar-2014 12:54:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-11-A	Lab Sample ID:	460-72174-11		
Client ID:	PMP-5SW-WT				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 13-Mar-2014 11:03:21 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D

Injection Date: 11-Mar-2014 12:54:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-11-A Lab Sample ID: 460-72174-11

Client ID: PMP-5SW-WT

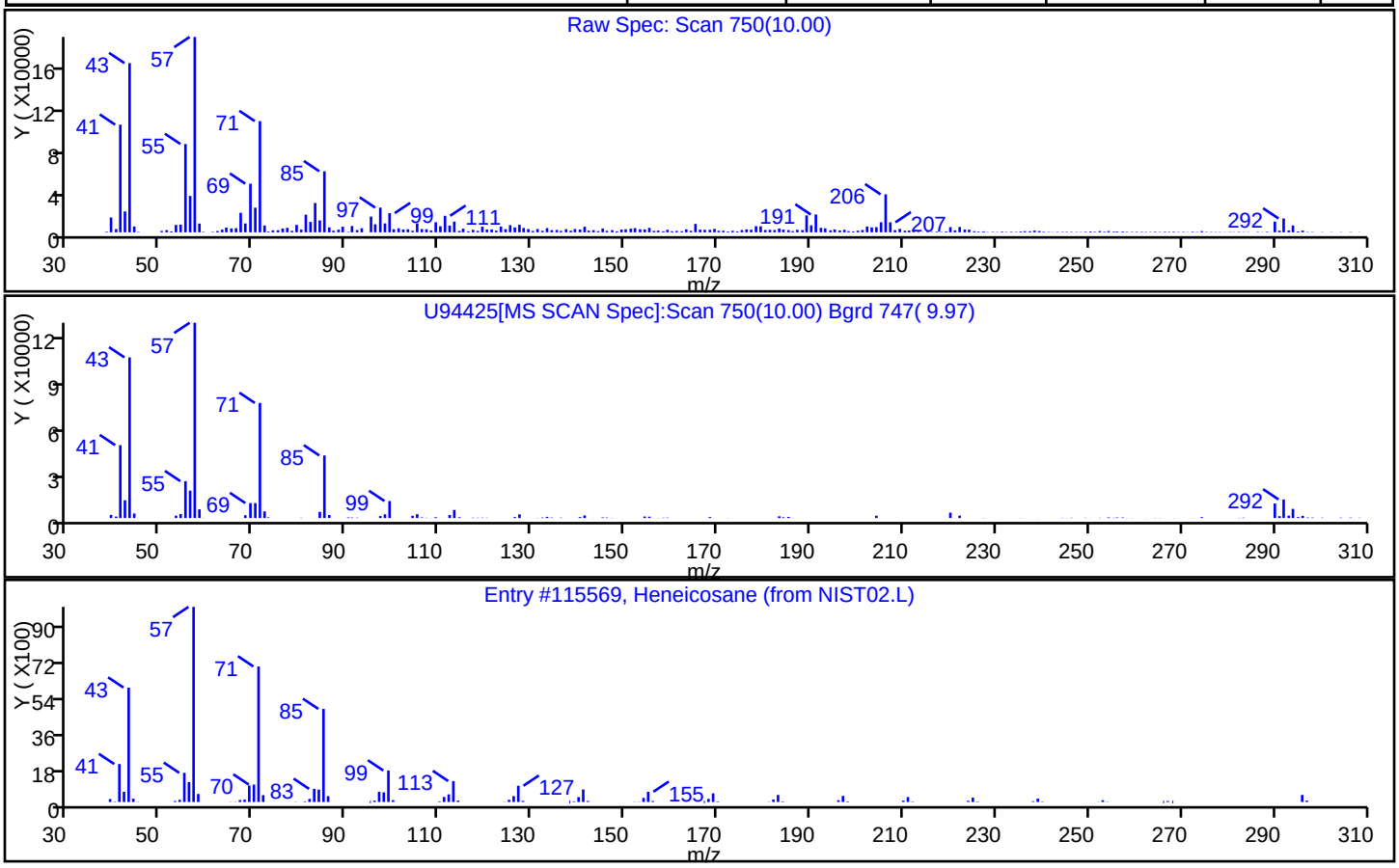
Operator ID: ALS Bottle#: 22 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heneicosane	629-94-7	NIST02.L	115569	C21H44	296	89



Report Date: 13-Mar-2014 11:03:21 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94425.D

Injection Date: 11-Mar-2014 12:54:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-11-A Lab Sample ID: 460-72174-11

Client ID: PMP-5SW-WT

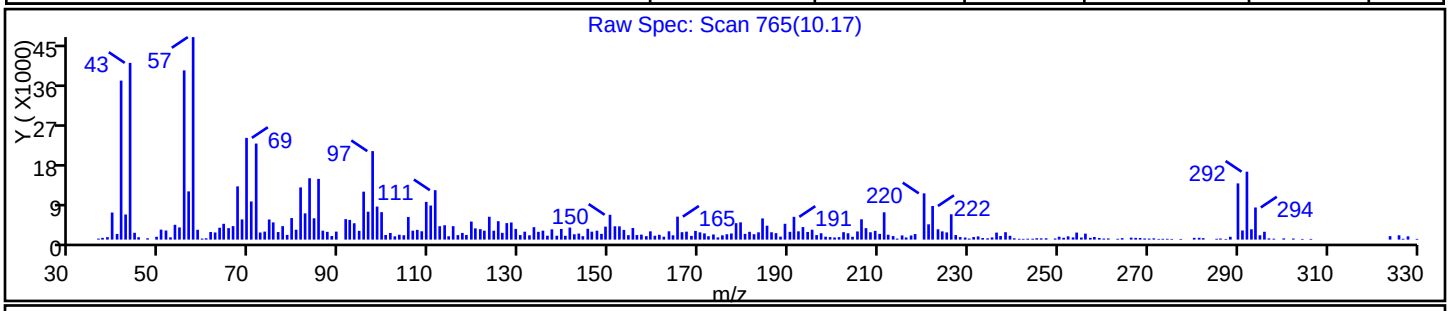
Operator ID: ALS Bottle#: 22 Worklist Smp#: 22

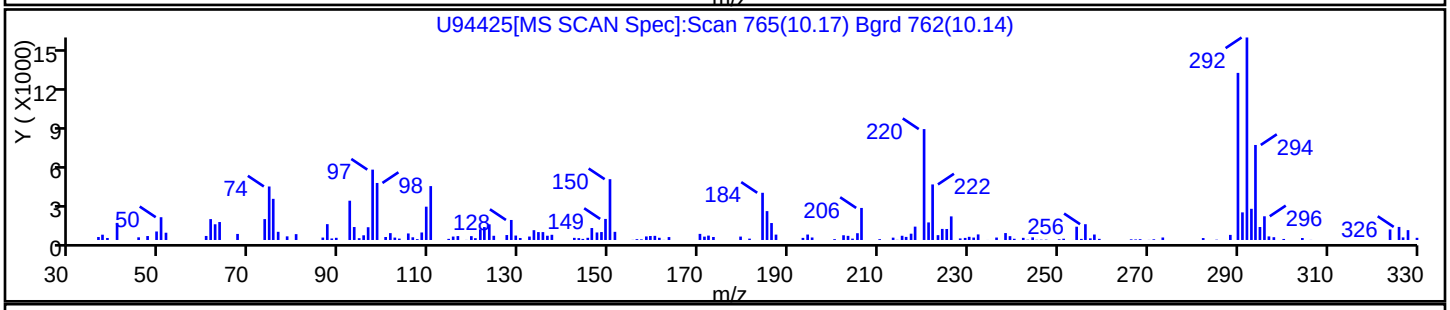
Injection Vol: 1.0 ul Dil. Factor: 1.0000

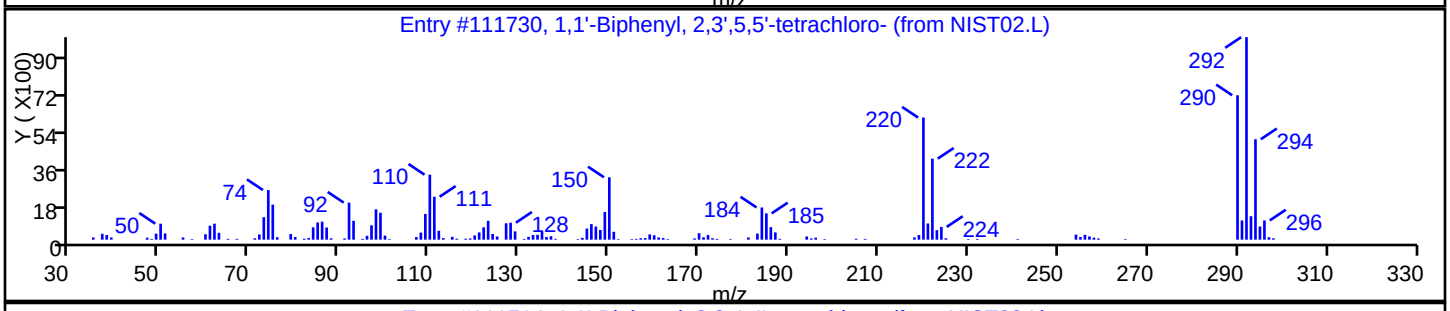
Method: 8270_4R Limit Group: SV 8270 ICAL

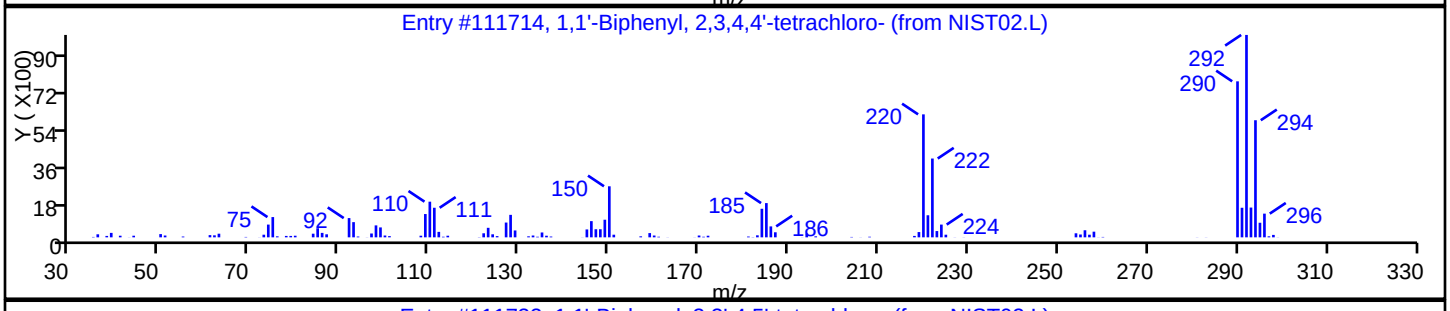
Column: Detector MS SCAN

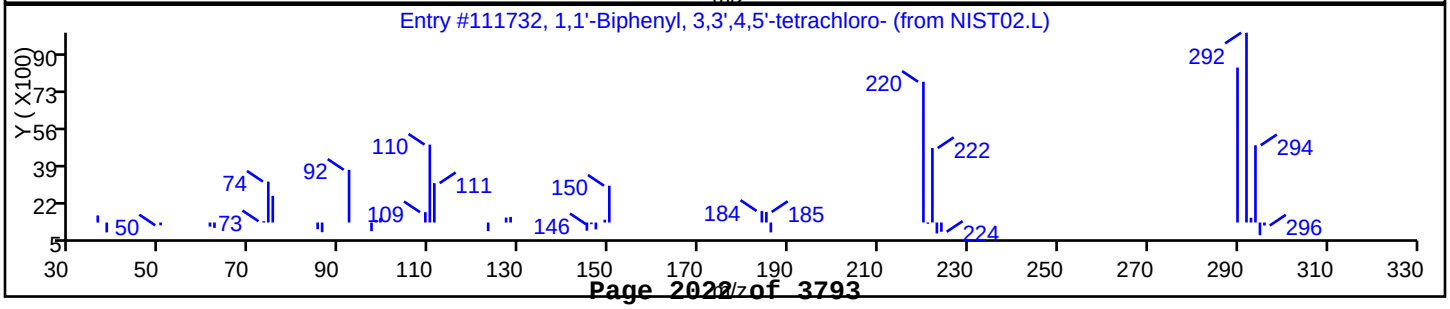
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.L	111730	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3,4,4'-tetrachloro-	33025-41-1	NIST02.L	111714	C12H6Cl4	290	99
1,1'-Biphenyl, 3,3',4,5'-tetrachloro-	41464-48-6	NIST02.L	111732	C12H6Cl4	290	99











FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-SI | Lab Sample ID: 460-72174-12

Matrix: Solid | Lab File ID: U94415.D

Analysis Method: 8270C | Date Collected: 03/06/2014 11:00

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 09:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	51	U	380	51
95-57-8	2-Chlorophenol	50	U	380	50
95-48-7	2-Methylphenol	65	U	380	65
106-44-5	4-Methylphenol	75	U	380	75
100-52-7	Benzaldehyde	45	U	380	45
98-86-2	Acetophenone	59	U	380	59
111-44-4	Bis(2-chloroethyl)ether	5.2	U	38	5.2
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	380	42
621-64-7	N-Nitrosodi-n-propylamine	6.4	U	38	6.4
98-95-3	Nitrobenzene	5.4	U *	38	5.4
67-72-1	Hexachloroethane	4.2	U	38	4.2
78-59-1	Isophorone	46	U	380	46
88-75-5	2-Nitrophenol	43	U	380	43
105-67-9	2,4-Dimethylphenol	94	U	380	94
120-83-2	2,4-Dichlorophenol	56	U	380	56
111-91-1	Bis(2-chloroethoxy)methane	49	U	380	49
91-20-3	Naphthalene	44	U	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.3	U	77	9.3
105-60-2	Caprolactam	88	U	380	88
59-50-7	4-Chloro-3-methylphenol	58	U	380	58
91-57-6	2-Methylnaphthalene	190	J	380	49
118-74-1	Hexachlorobenzene	5.2	U	38	5.2
77-47-4	Hexachlorocyclopentadiene	45	U	380	45
88-06-2	2,4,6-Trichlorophenol	45	U	380	45
95-95-4	2,4,5-Trichlorophenol	49	U	380	49
92-52-4	Diphenyl	51	U	380	51
91-58-7	2-Chloronaphthalene	43	U	380	43
88-74-4	2-Nitroaniline	160	U	770	160
606-20-2	2,6-Dinitrotoluene	11	U	77	11
131-11-3	Dimethyl phthalate	45	U	380	45
208-96-8	Acenaphthylene	45	U	380	45
99-09-2	3-Nitroaniline	130	U	770	130
83-32-9	Acenaphthene	56	U	380	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-SI | Lab Sample ID: 460-72174-12

Matrix: Solid | Lab File ID: U94415.D

Analysis Method: 8270C | Date Collected: 03/06/2014 11:00

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 09:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	45	U	380	45
84-66-2	Diethyl phthalate	45	U	380	45
86-73-7	Fluorene	49	U	380	49
206-44-0	Fluoranthene	60	J	380	51
84-74-2	Di-n-butyl phthalate	47	U	380	47
121-14-2	2,4-Dinitrotoluene	13	U	77	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	380	45
100-01-6	4-Nitroaniline	120	U	770	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1200	100
101-55-3	4-Bromophenyl phenyl ether	38	U	380	38
1912-24-9	Atrazine	59	U	380	59
120-12-7	Anthracene	46	U	380	46
86-74-8	Carbazole	45	U	380	45
85-01-8	Phenanthrene	1400		380	49
87-86-5	Pentachlorophenol	110	U	1200	110
129-00-0	Pyrene	130	J	380	32
218-01-9	Chrysene	44	U	380	44
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.7	U	38	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	380	38
85-68-7	Butyl benzyl phthalate	35	U	380	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	24	U	380	24
193-39-5	Indeno[1,2,3-cd]pyrene	7.1	U	38	7.1
53-70-3	Dibenz(a,h)anthracene	4.8	U	38	4.8
91-94-1	3,3'-Dichlorobenzidine	130	U	770	130
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	380	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-SI | Lab Sample ID: 460-72174-12

Matrix: Solid | Lab File ID: U94415.D

Analysis Method: 8270C | Date Collected: 03/06/2014 11:00

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 09:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	71		40-106
4165-62-2	Phenol-d5	79		44-104
1718-51-0	Terphenyl-d14	83		41-145
118-79-6	2,4,6-Tribromophenol	109		19-114
367-12-4	2-Fluorophenol	68		39-103
321-60-8	2-Fluorobiphenyl	81		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-SI | Lab Sample ID: 460-72174-12

Matrix: Solid | Lab File ID: U94415.D

Analysis Method: 8270C | Date Collected: 03/06/2014 11:00

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 09:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 56400

CAS NO.	COMPOUND NAME	RT	RESULT	Q
62108-25-2	Decane, 2,6,7-trimethyl-	6.16	3500	J N
629-50-5	Tridecane	6.33	4400	J N
1560-96-9	Tridecane, 2-methyl-	6.70	2000	J N
629-59-4	Tetradecane	6.91	2600	J N
575-37-1	Naphthalene, 1,7-dimethyl-	7.16	2500	J N
74645-98-0	Dodecane, 2,7,10-trimethyl-	7.22	3900	J N
	Unknown	7.75	3900	J
2245-38-7	Naphthalene, 1,6,7-trimethyl-	7.88	2100	J N
	Unknown alkane	7.97	1500	J
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.16	3900	J N
54105-67-8	Heptadecane, 2,6-dimethyl-	8.43	7600	J N
	Unknown	8.60	1800	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.88	4000	J N
31295-56-4	Dodecane, 2,6,11-trimethyl-	9.20	2000	J N
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	9.28	1600	J N
2531-84-2	Phenanthrene, 2-methyl-	9.46	2100	J N
2531-84-2	Phenanthrene, 2-methyl-	9.54	1500	J N
38444-93-8	1,1'-Biphenyl, 2,2',3,3'-tetrachloro-	9.71	2300	J N
3674-66-6	Phenanthrene, 2,5-dimethyl-	9.97	1100	J N
	Unknown	10.59	2100	J

Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D
Lims ID: 460-72174-E-12-A Lab Sample ID: 460-72174-12
Client ID: PMP-5SW-SI
Sample Type: Client
Inject. Date: 11-Mar-2014 09:08:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-012
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 09:51:17 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 13-Mar-2014 09:51:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.143	3.127	0.016	86	170759	34.2	
$ 6 Phenol-d5	99	4.058	4.071	-0.013	71	238391	39.5	
* 13 1,4-Dichlorobenzene-d4	152	4.420	4.430	-0.010	94	114108	40.0	
$ 25 Nitrobenzene-d5	82	4.978	4.990	-0.012	89	200441	35.3	
* 35 Naphthalene-d8	136	5.702	5.701	0.001	99	461024	40.0	
41 2-Methylnaphthalene	142	6.421	6.412	0.009	42	16986	2.51	
$ 48 2-Fluorobiphenyl	172	6.787	6.785	0.002	81	232635	40.7	
* 61 Acenaphthene-d10	164	7.471	7.451	0.020	84	167365	40.0	
$ 76 2,4,6-Tribromophenol	330	8.257	8.230	0.027	52	35146	54.6	
* 83 Phenanthrene-d10	188	8.944	8.917	0.027	85	233252	40.0	
84 Phenanthrene	178	8.966	8.940	0.026	86	120493	18.5	
88 Fluoranthene	202	10.117	10.099	0.018	18	3644	0.7853	
90 Pyrene	202	10.342	10.333	0.009	92	8830	1.68	
$ 91 Terphenyl-d14	244	10.489	10.483	0.006	96	160054	41.4	
* 96 Chrysene-d12	240	11.690	11.690	0.0	98	166437	40.0	
* 103 Perylene-d12	264	13.612	13.619	-0.007	98	169364	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D
Lims ID: 460-72174-E-12-A Lab Sample ID: 460-72174-12
Client ID: PMP-5SW-SI
Sample Type: Client
Inject. Date: 11-Mar-2014 09:08:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-012
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 09:51:17 Calib Date: 27-Feb-2014 14:00:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 13-Mar-2014 09:51:17

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	62108-25-2 Decane, 2,6,7-trimethyl-							
6.156	1802249	45.3	35	90	45603	C13H28	184	M
	629-50-5 Tridecane							
6.329	2269465	57.1	35	93	45540	C13H28	184	
	1560-96-9 Tridecane, 2-methyl-							
6.697	4307060	25.4	61	93	55023	C14H30	198	
	629-59-4 Tetradecane							
6.910	5799569	34.2	61	95	55008	C14H30	198	
	575-37-1 Naphthalene, 1,7-dimethyl-							
7.157	5504945	32.5	61	98	27169	C12H12	156	
	74645-98-0 Dodecane, 2,7,10-trimethyl-							
7.224	8676902	51.2	61	86	64587	C15H32	212	
	Unknown							
7.751	8632123	50.9	61					
	2245-38-7 Naphthalene, 1,6,7-trimethyl-							
7.875	4734528	27.9	61	91	36213	C13H14	170	
	Unknown alkane							
7.965	3321007	19.6	61	0	0		0	
	3892-00-0 Pentadecane, 2,6,10-trimethyl-							
8.156	8583837	50.6	61	94	91053	C18H38	254	
	54105-67-8 Heptadecane, 2,6-dimethyl-							
8.426	14744874	99.4	83	95	99490	C19H40	268	
	Unknown							
8.595	3561228	24.0	83					

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	638-36-8	Hexadecane, 2,6,10,14-tetramethyl-						
8.876	7687209	51.8	83	94	107670	C20H42	282	
	31295-56-4	Dodecane, 2,6,11-trimethyl-						
9.203	3837729	25.9	83	90	64591	C15H32	212	
	7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-						
9.282	3171898	21.4	83	98	91791	C12H7Cl3	256	
	2531-84-2	Phenanthrene, 2-methyl-						
9.463	4104062	27.7	83	96	50626	C15H12	192	
	2531-84-2	Phenanthrene, 2-methyl-						
9.542	2959867	20.0	83	93	50627	C15H12	192	
	38444-93-8	1,1'-Biphenyl, 2,2',3,3'-tetrachloro-						
9.711	4416036	29.8	83	89	111734	C12H6Cl4	290	
	3674-66-6	Phenanthrene, 2,5-dimethyl-						
9.970	2165306	14.6	83	96	60352	C16H14	206	
		Unknown						
10.590	471339	27.6	96					

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 35 Naphthalene-d8	5.702	1590086	40.0
* 61 Acenaphthene-d10	7.437	6784641	40.0
* 83 Phenanthrene-d10	9.000	5933623	40.0
* 96 Chrysene-d12	11.678	683106	40.0

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

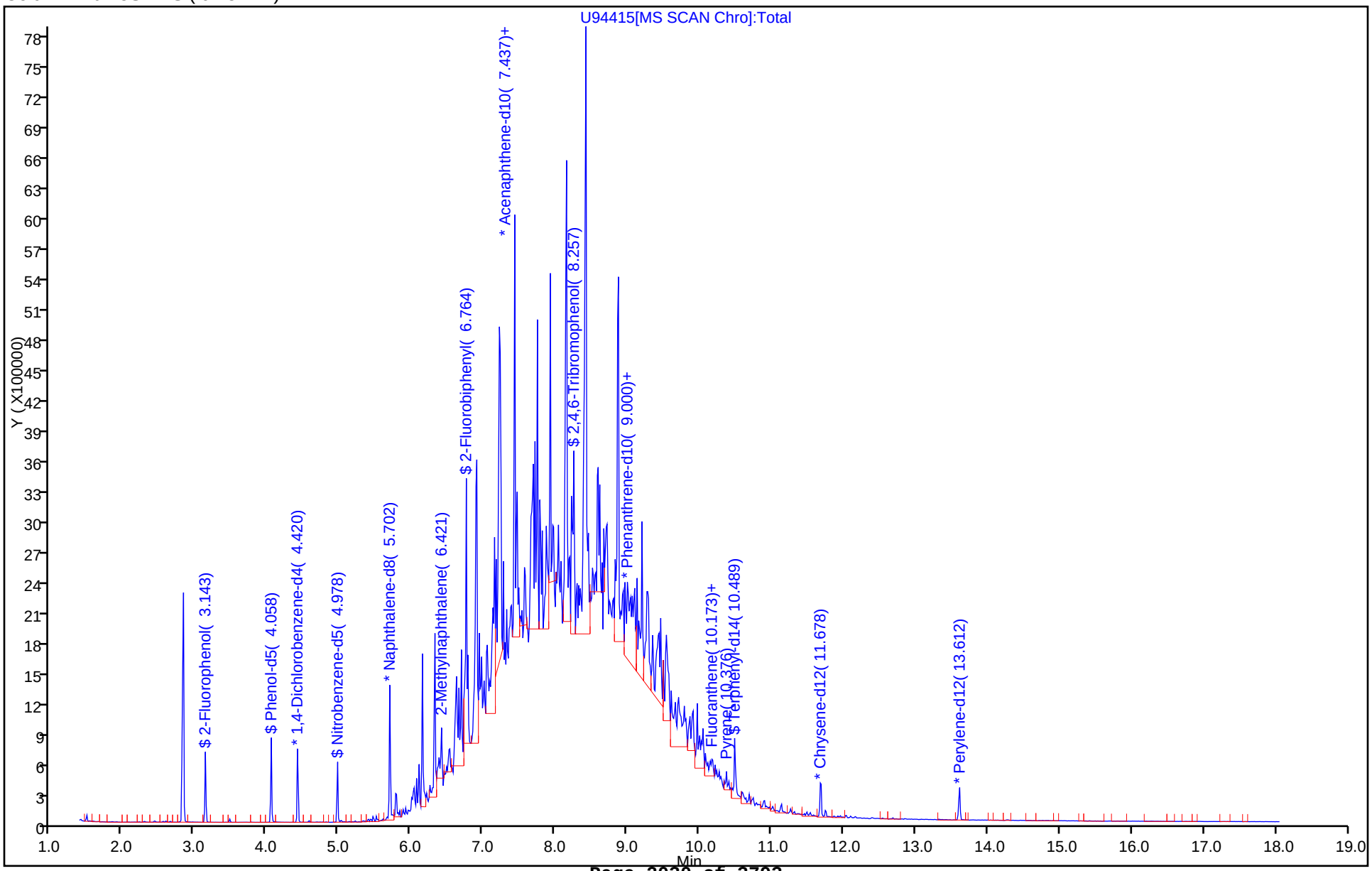
Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D

Injection Date:	11-Mar-2014 09:08:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-72174-E-12-A	Lab Sample ID:	460-72174-12	Worklist Smp#:	12
Client ID:	PMP-5SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8270_4R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

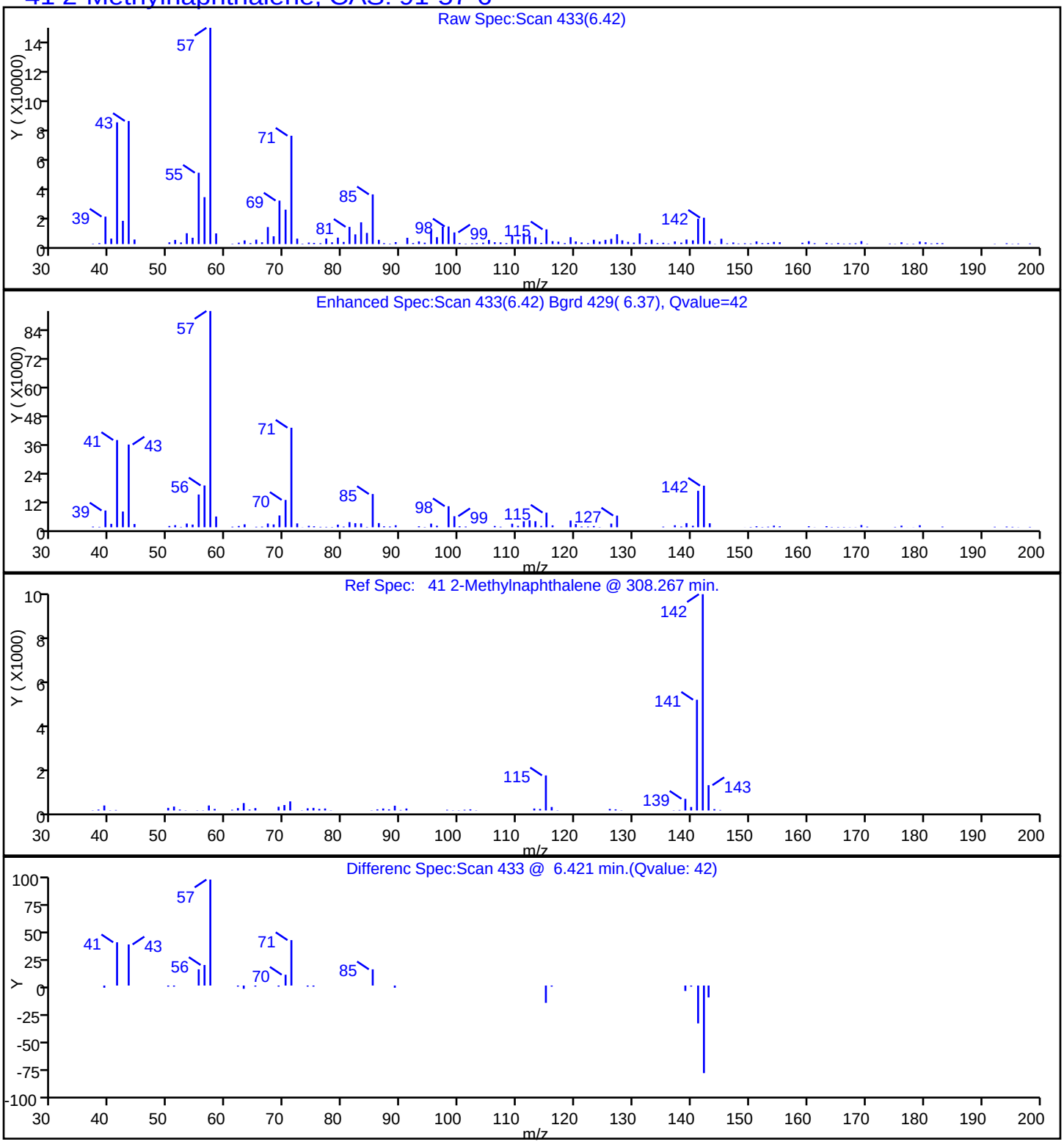


Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D				
Injection Date:	11-Mar-2014 09:08:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-12-A	Lab Sample ID:	460-72174-12		
Client ID:	PMP-5SW-SI				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

41 2-Methylnaphthalene, CAS: 91-57-6

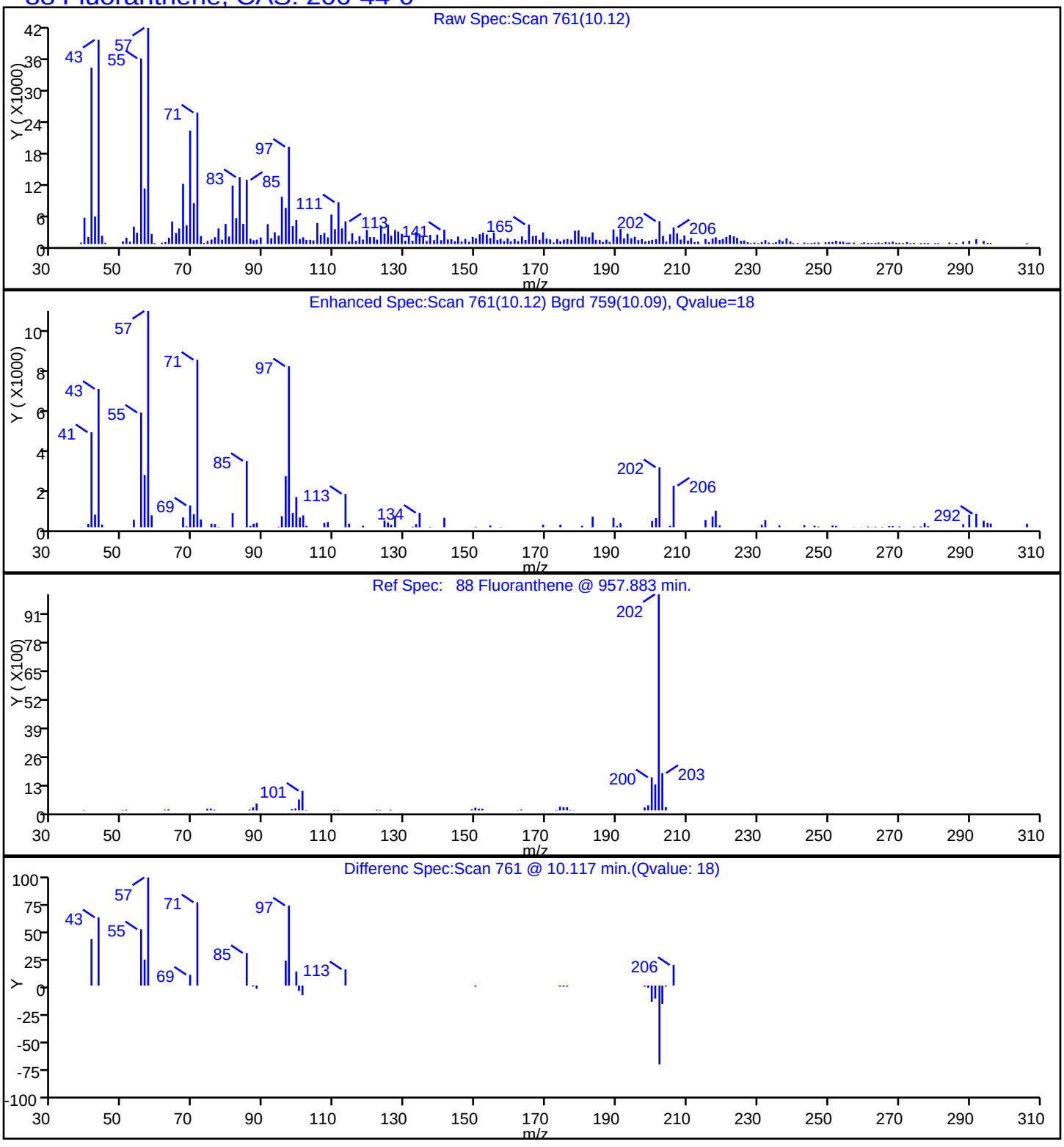


Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D				
Injection Date:	11-Mar-2014 09:08:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-12-A	Lab Sample ID:	460-72174-12		
Client ID:	PMP-5SW-SI				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

88 Fluoranthene, CAS: 206-44-0



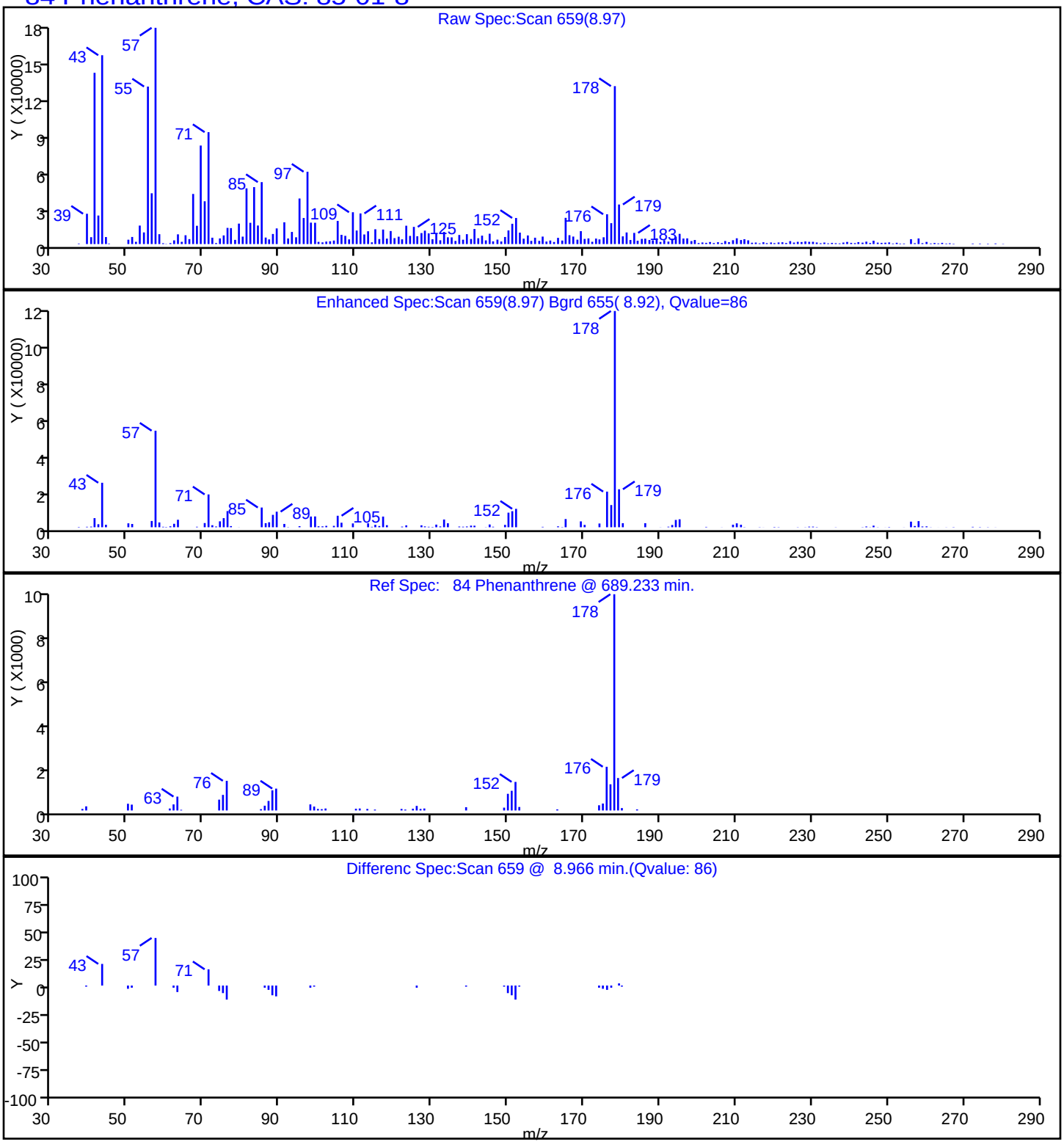
Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D

Injection Date:	11-Mar-2014 09:08:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-12-A	Lab Sample ID:	460-72174-12		
Client ID:	PMP-5SW-SI				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

84 Phenanthrene, CAS: 85-01-8



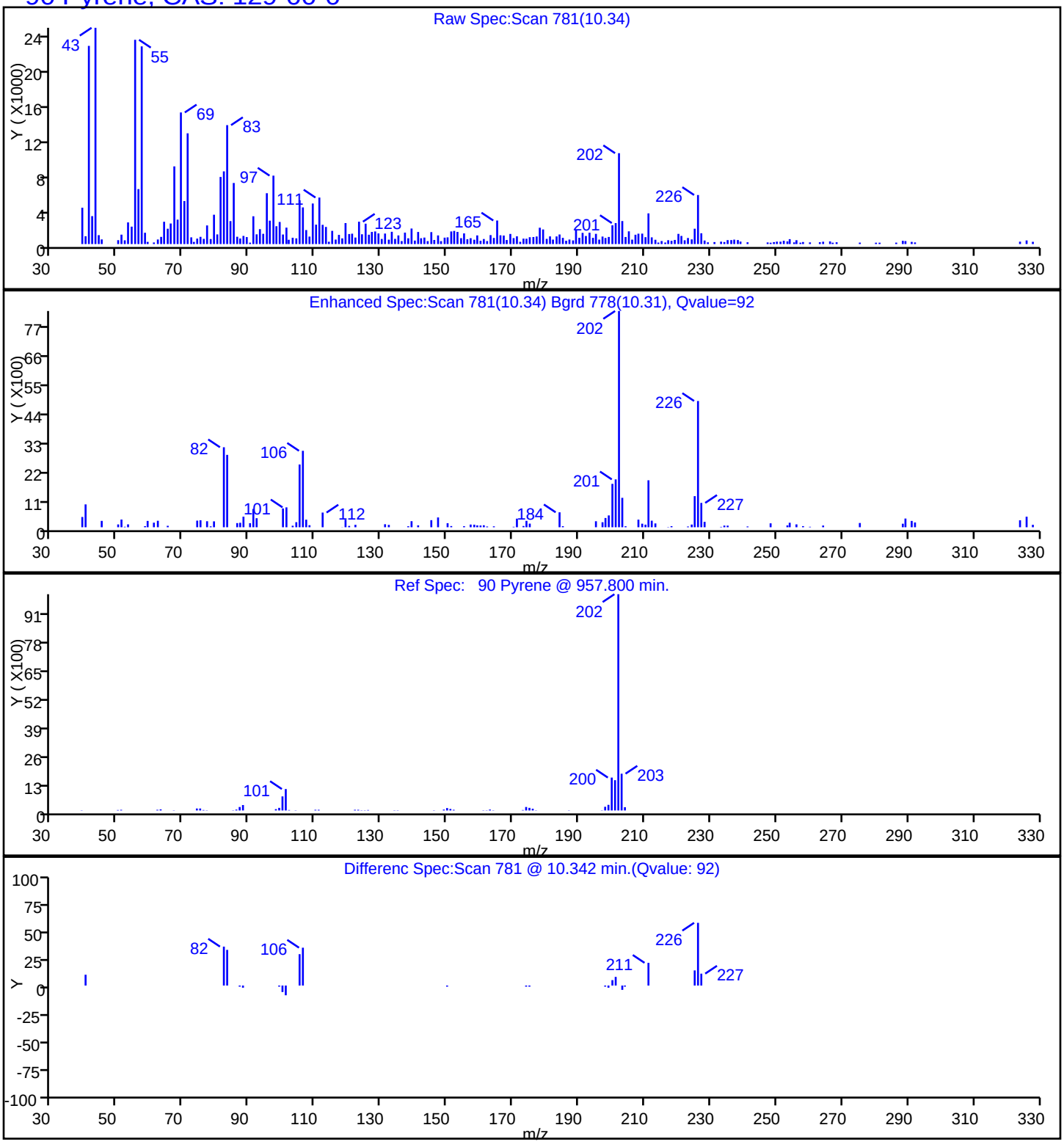
Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D

Injection Date:	11-Mar-2014 09:08:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-12-A	Lab Sample ID:	460-72174-12		
Client ID:	PMP-5SW-SI				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Pyrene, CAS: 129-00-0



Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D

Injection Date: 11-Mar-2014 09:08:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

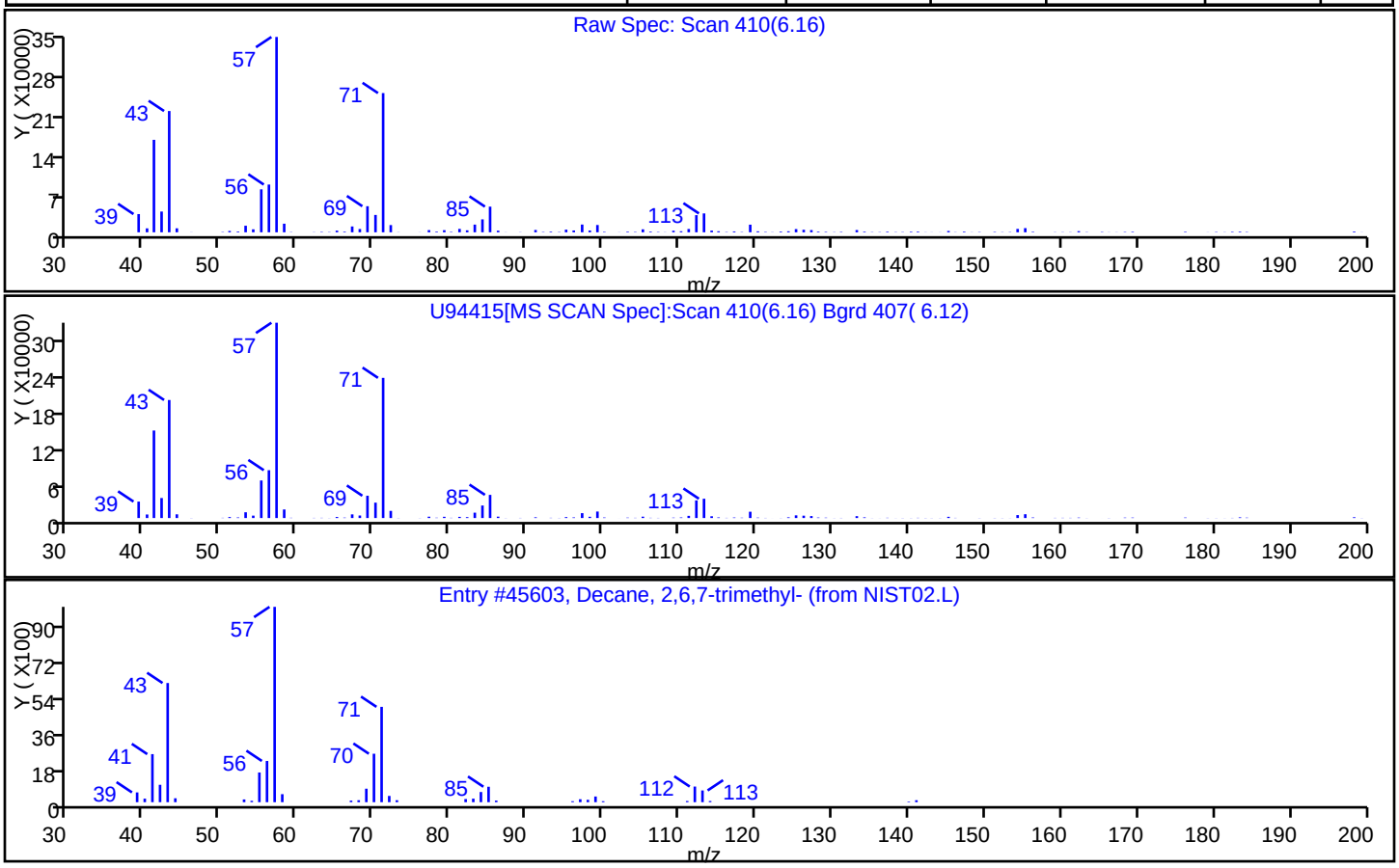
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decane, 2,6,7-trimethyl-	62108-25-2	NIST02.L	45603	C13H28	184	90



Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D

Injection Date: 11-Mar-2014 09:08:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

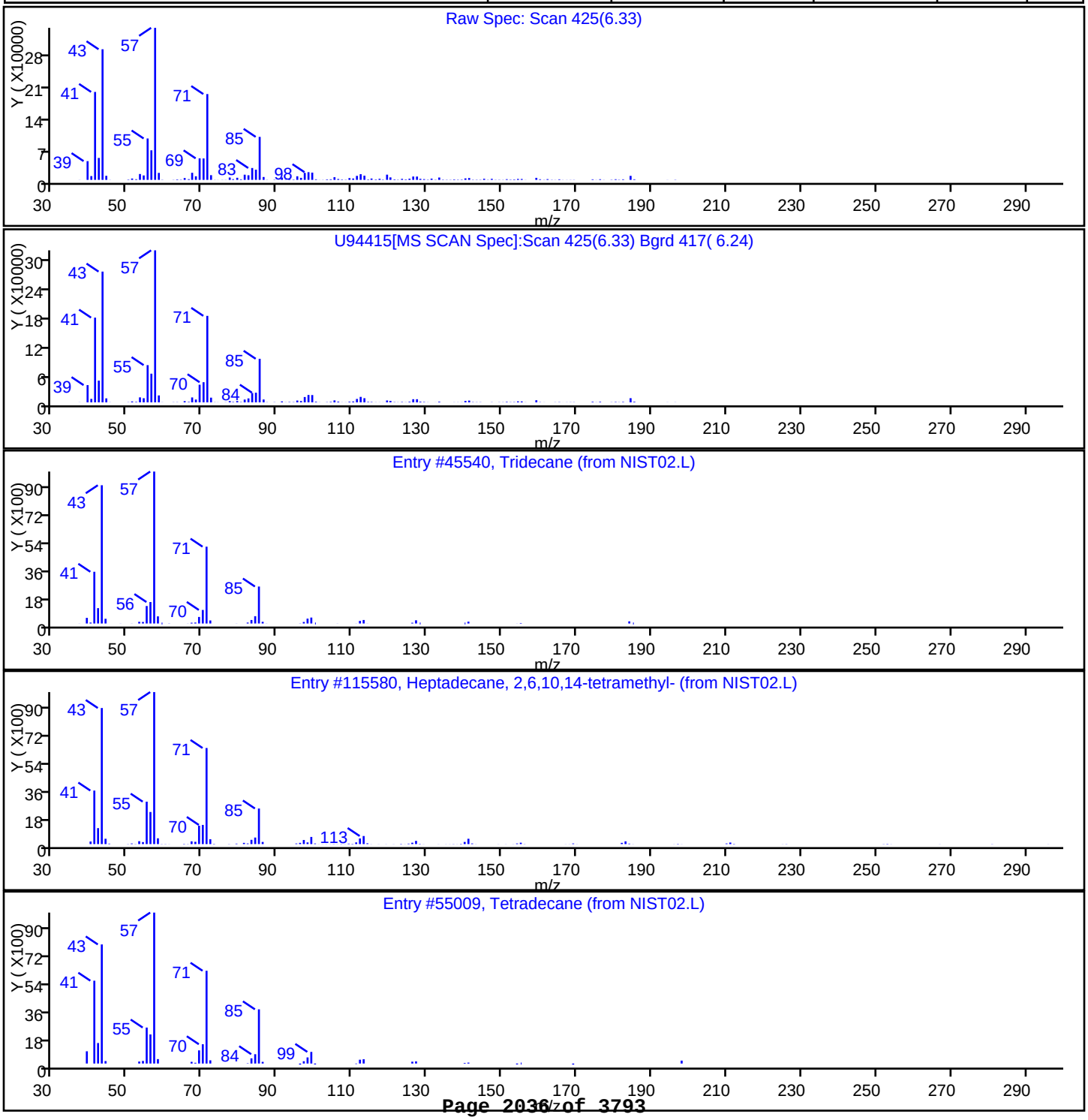
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tridecane	629-50-5	NIST02.L	45540	C13H28	184	93
Heptadecane, 2,6,10,14-tetramethyl-	18344-37-1	NIST02.L	115580	C21H44	296	86
Tetradecane	629-59-4	NIST02.L	55009	C14H30	198	86



Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D

Injection Date: 11-Mar-2014 09:08:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

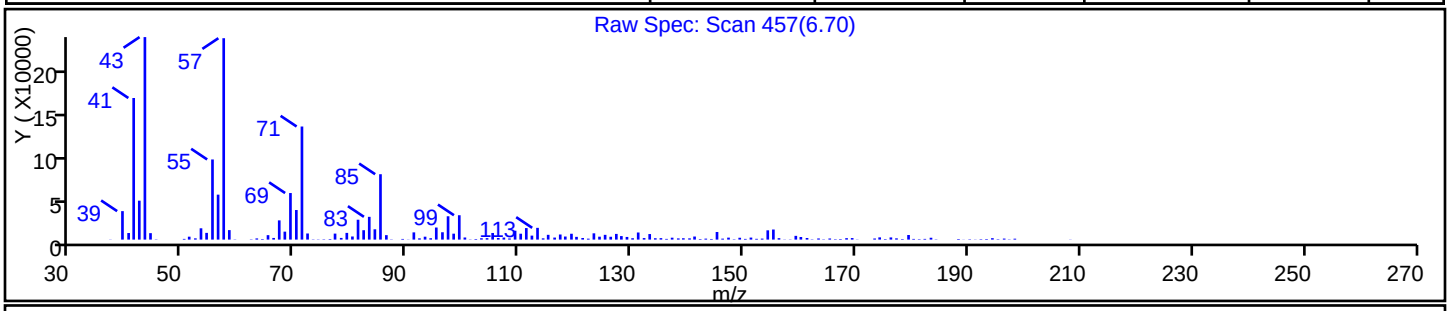
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12

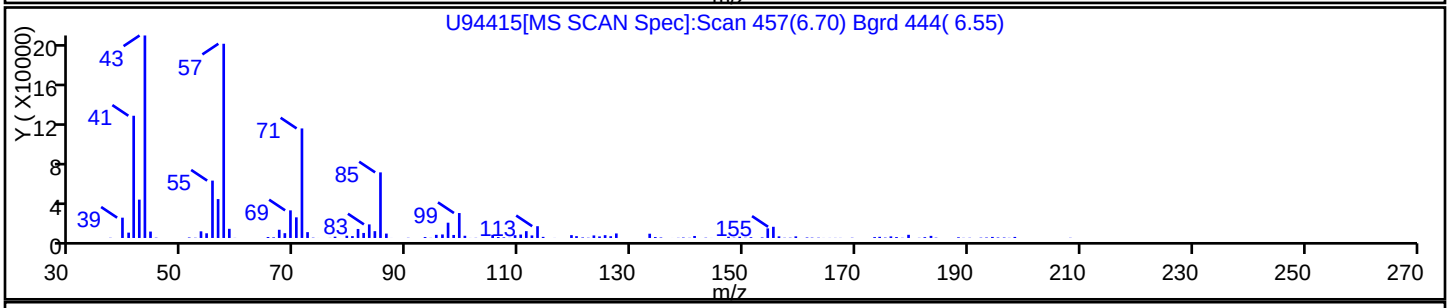
Injection Vol: 1.0 ul Dil. Factor: 1.0000

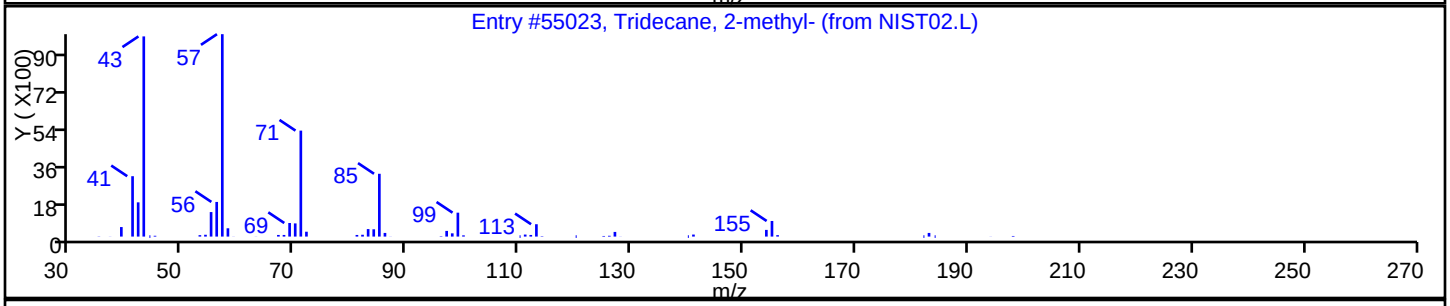
Method: 8270_4R Limit Group: SV 8270 ICAL

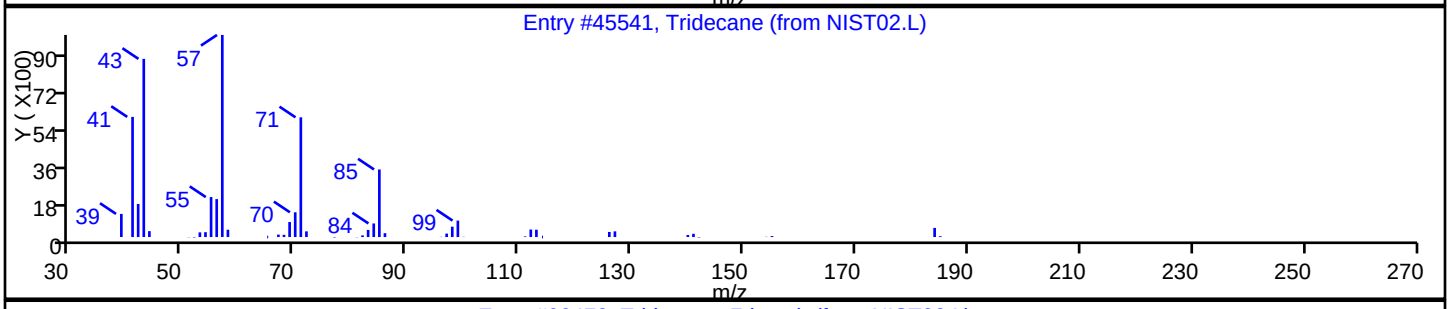
Column: Detector MS SCAN

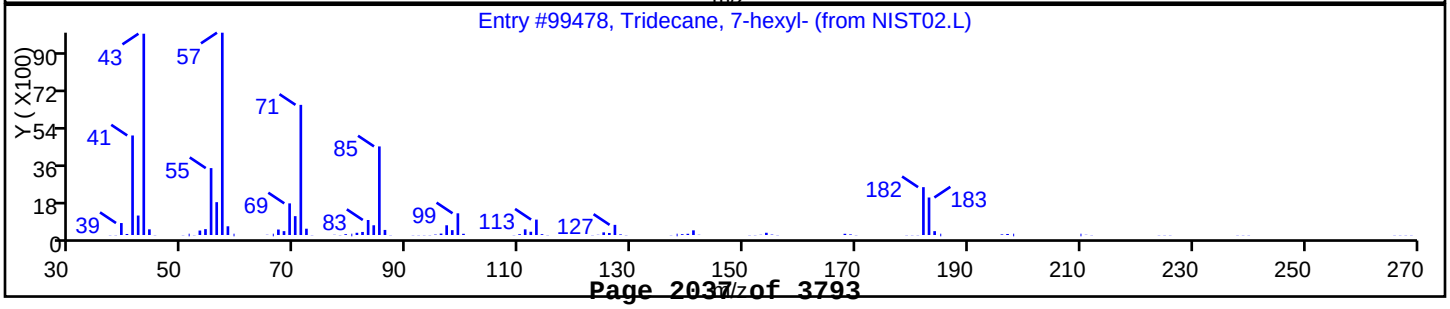
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tridecane, 2-methyl-	1560-96-9	NIST02.L	55023	C14H30	198	93
Tridecane	629-50-5	NIST02.L	45541	C13H28	184	87
Tridecane, 7-hexyl-	7225-66-3	NIST02.L	99478	C19H40	268	86











Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D

Injection Date: 11-Mar-2014 09:08:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

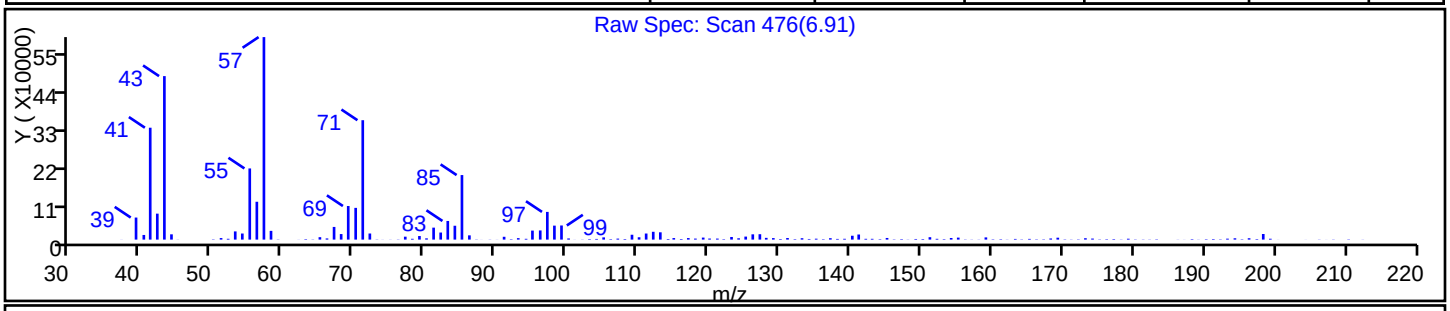
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12

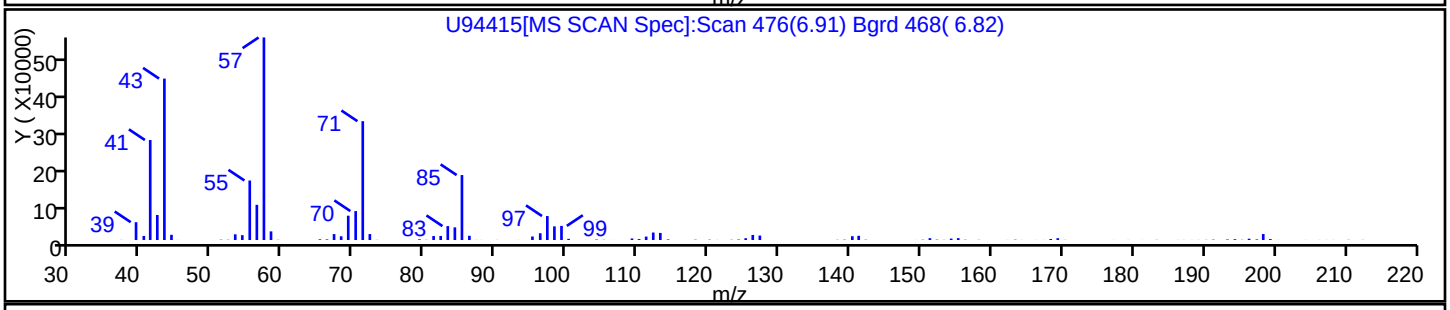
Injection Vol: 1.0 ul Dil. Factor: 1.0000

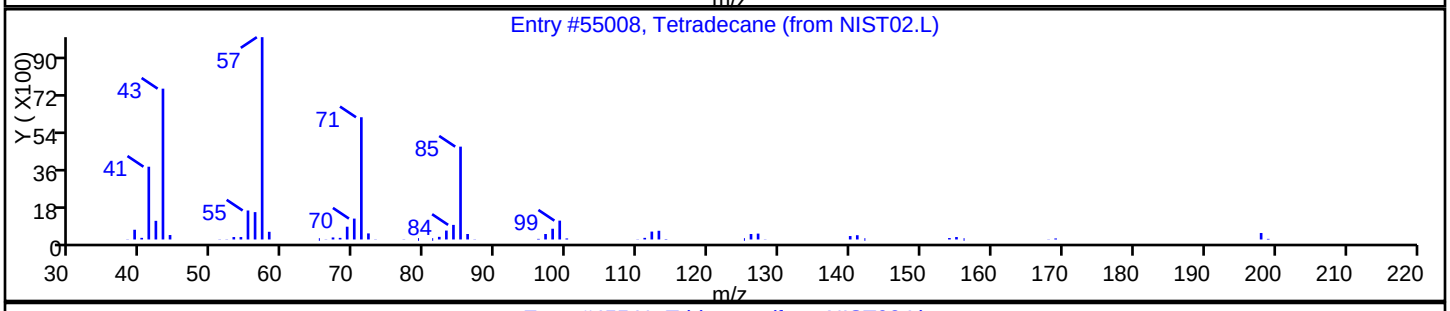
Method: 8270_4R Limit Group: SV 8270 ICAL

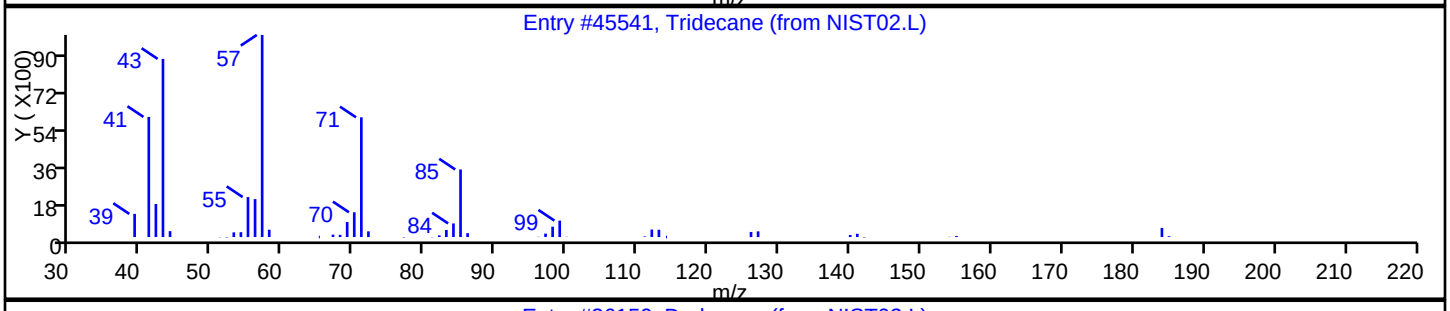
Column: Detector MS SCAN

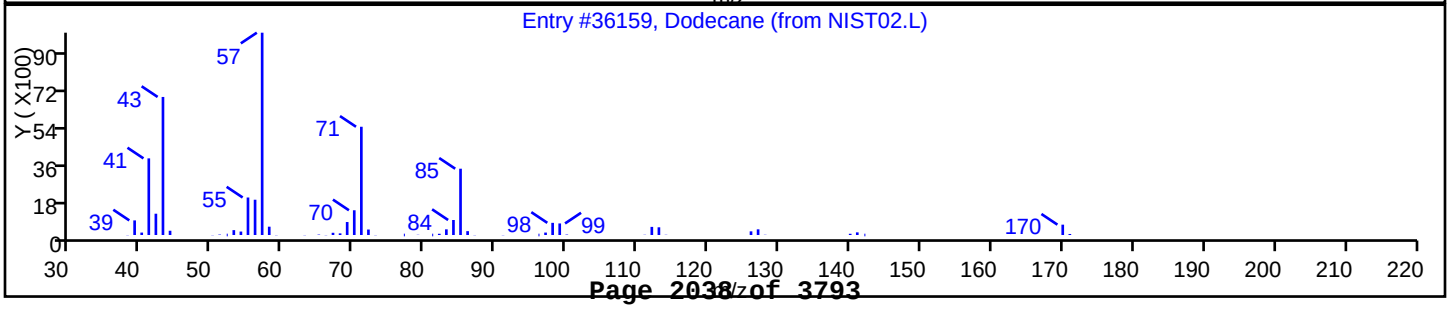
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetradecane	629-59-4	NIST02.L	55008	C14H30	198	95
Tridecane	629-50-5	NIST02.L	45541	C13H28	184	87
Dodecane	112-40-3	NIST02.L	36159	C12H26	170	86











Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D

Injection Date: 11-Mar-2014 09:08:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

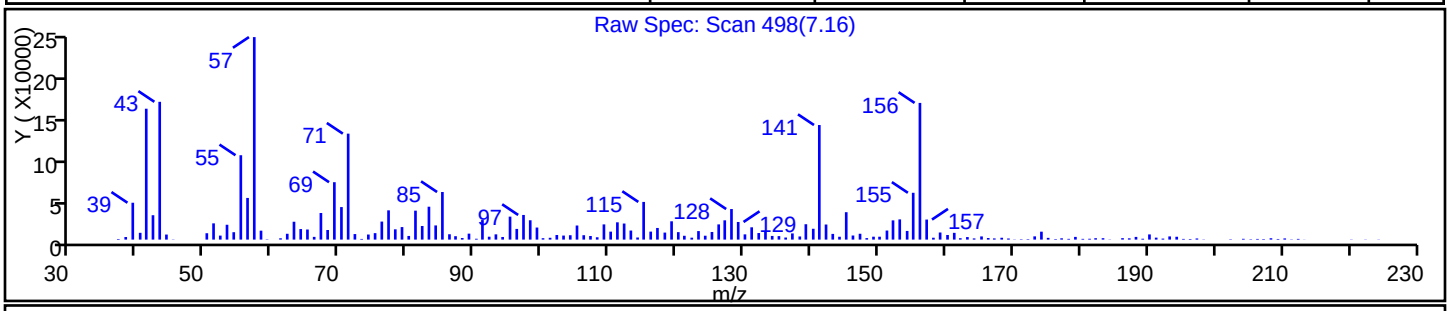
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12

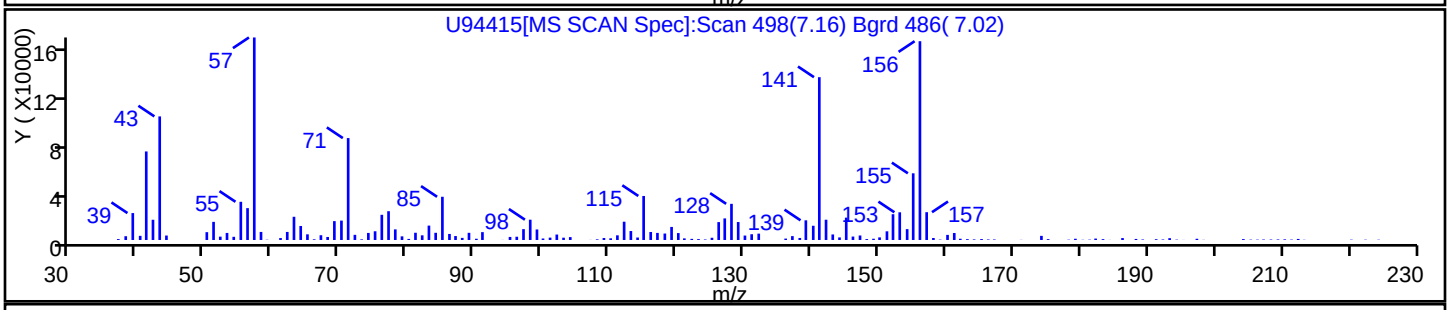
Injection Vol: 1.0 ul Dil. Factor: 1.0000

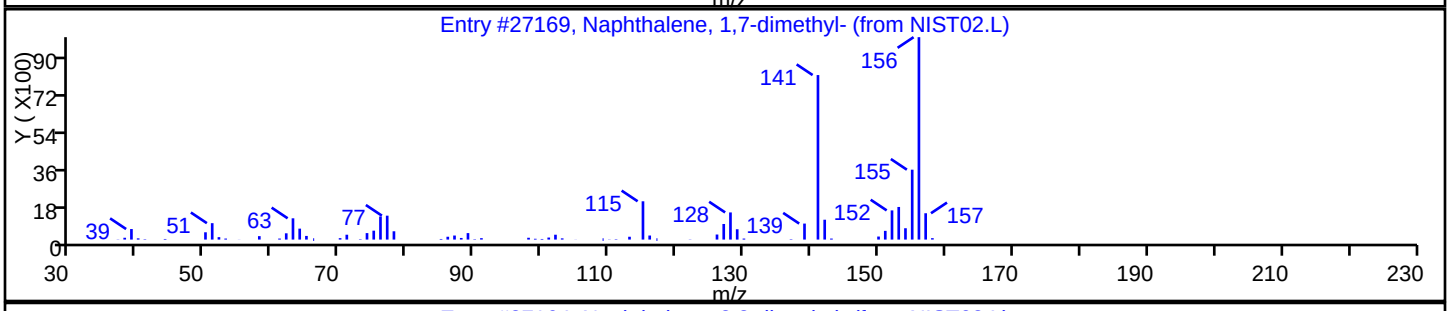
Method: 8270_4R Limit Group: SV 8270 ICAL

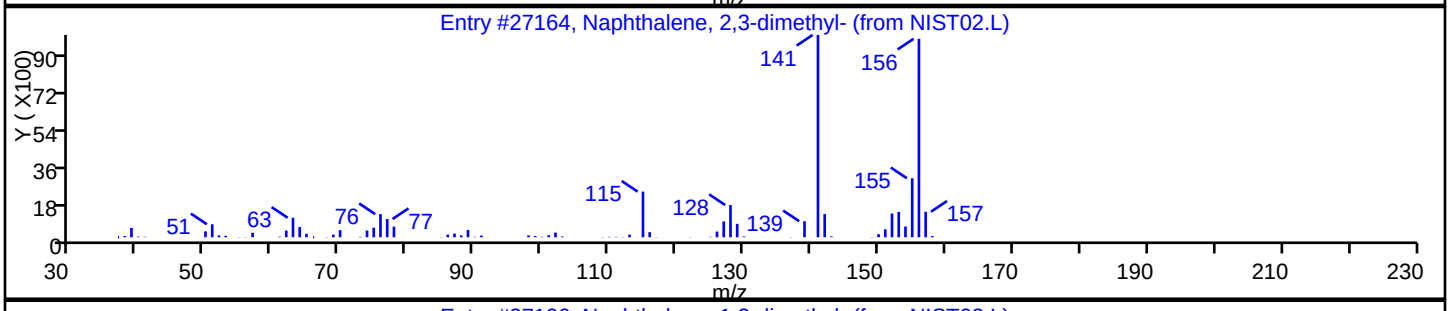
Column: Detector MS SCAN

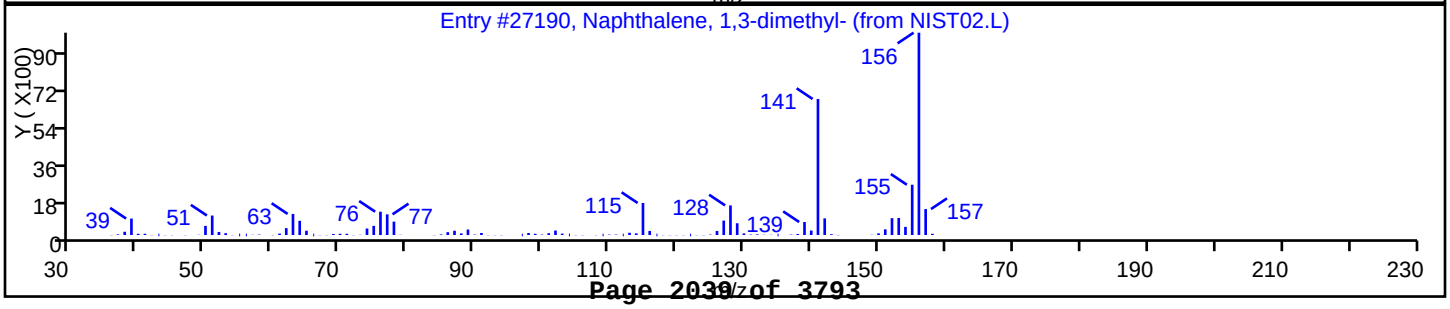
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,7-dimethyl-	575-37-1	NIST02.L	27169	C12H12	156	98
Naphthalene, 2,3-dimethyl-	581-40-8	NIST02.L	27164	C12H12	156	98
Naphthalene, 1,3-dimethyl-	575-41-7	NIST02.L	27190	C12H12	156	98











Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D

Injection Date: 11-Mar-2014 09:08:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

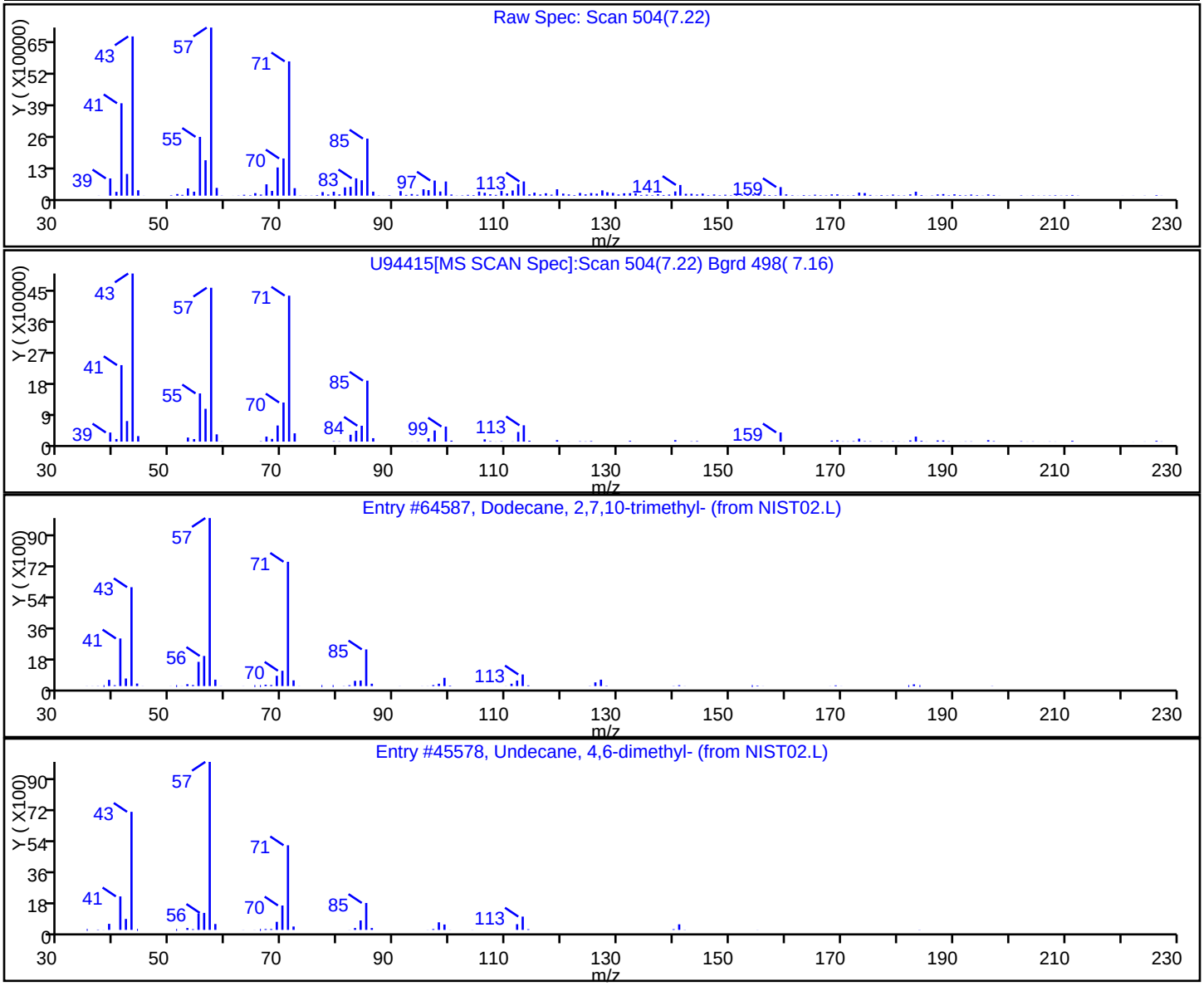
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	86
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.L	45578	C13H28	184	81



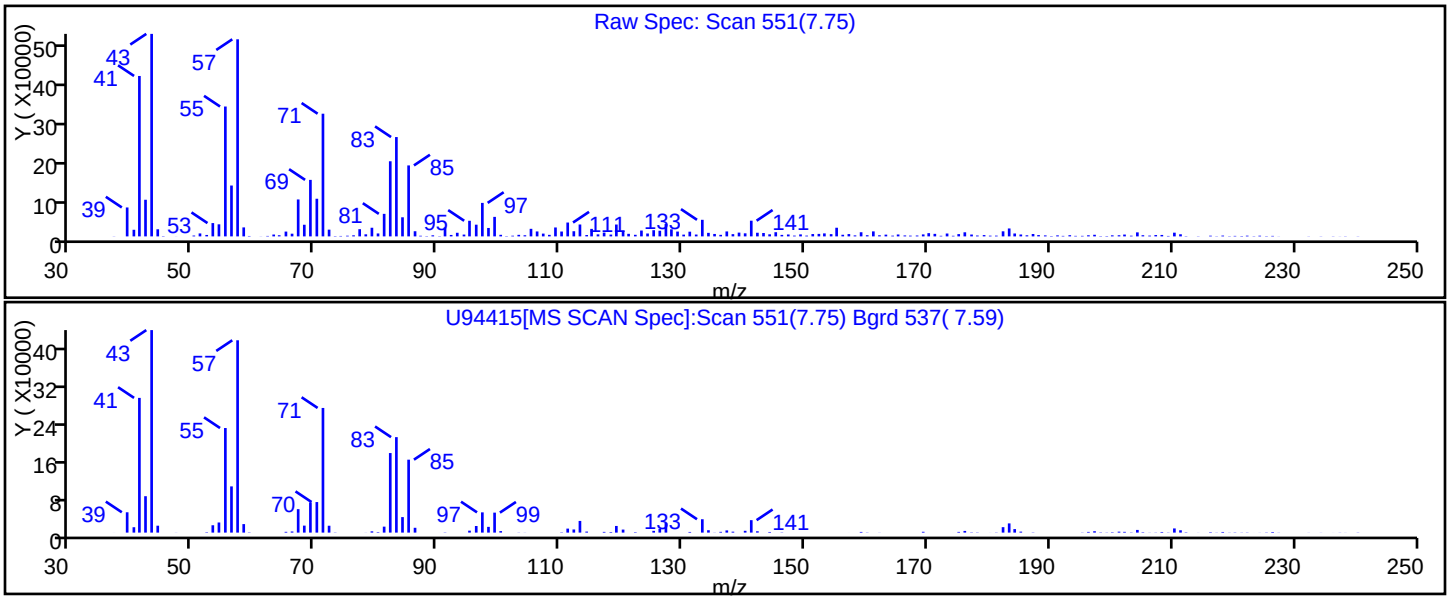
Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D

Injection Date:	11-Mar-2014 09:08:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-12-A	Lab Sample ID:	460-72174-12		
Client ID:	PMP-5SW-SI				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D

Injection Date: 11-Mar-2014 09:08:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

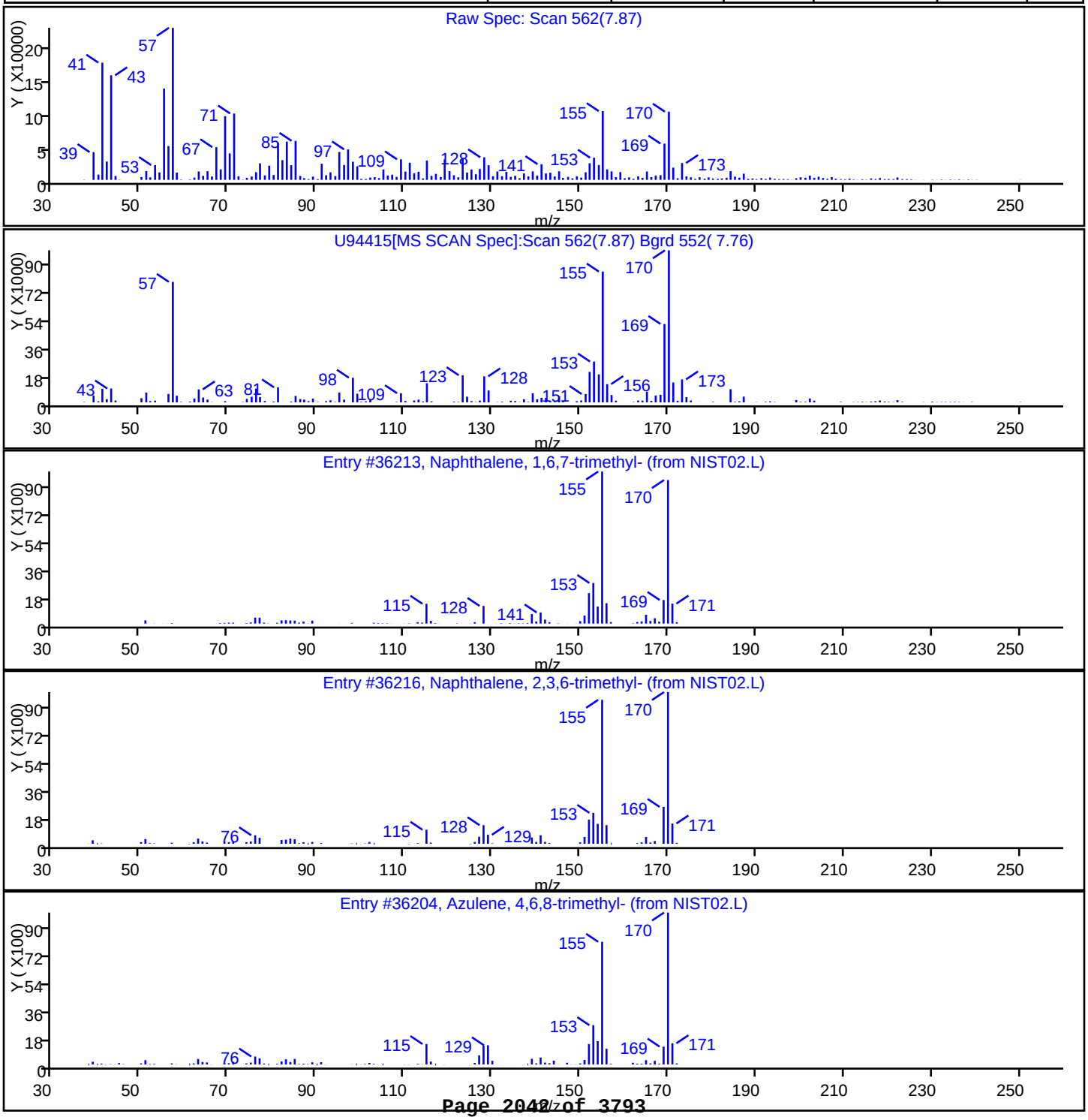
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36213	C13H14	170	91
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36216	C13H14	170	91
Azulene, 4,6,8-trimethyl-	941-81-1	NIST02.L	36204	C13H14	170	90



Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D

Injection Date: 11-Mar-2014 09:08:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

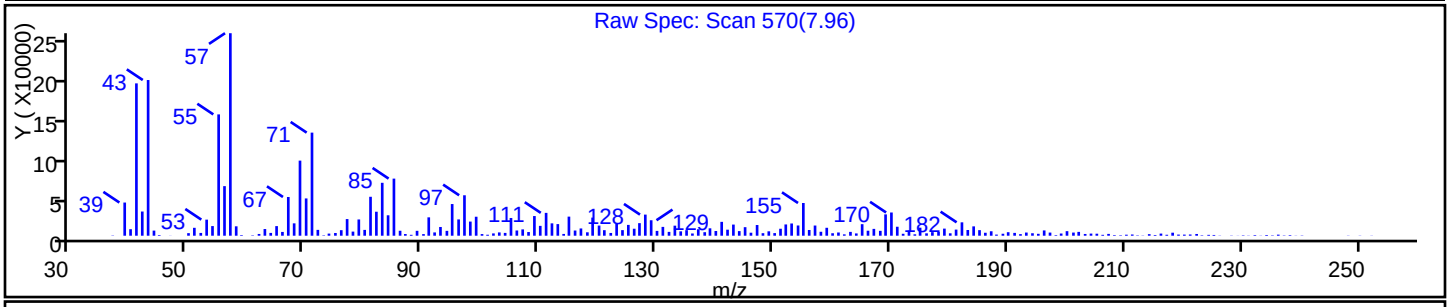
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12

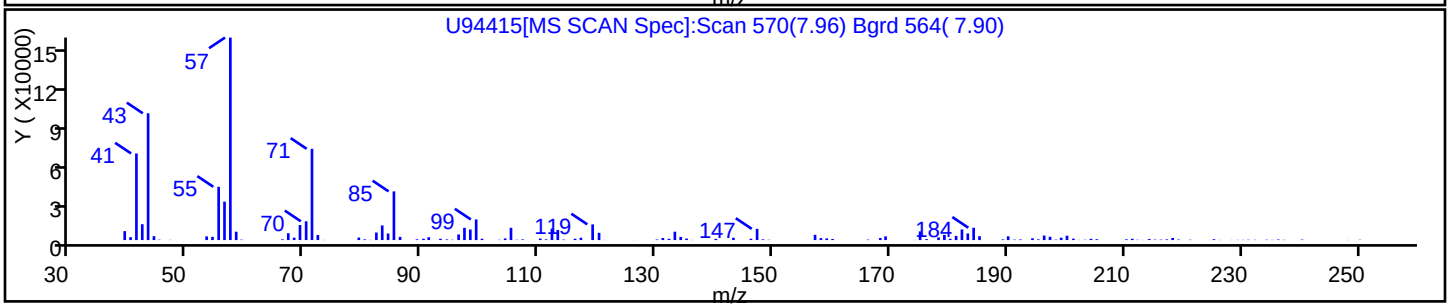
Injection Vol: 1.0 ul Dil. Factor: 1.0000

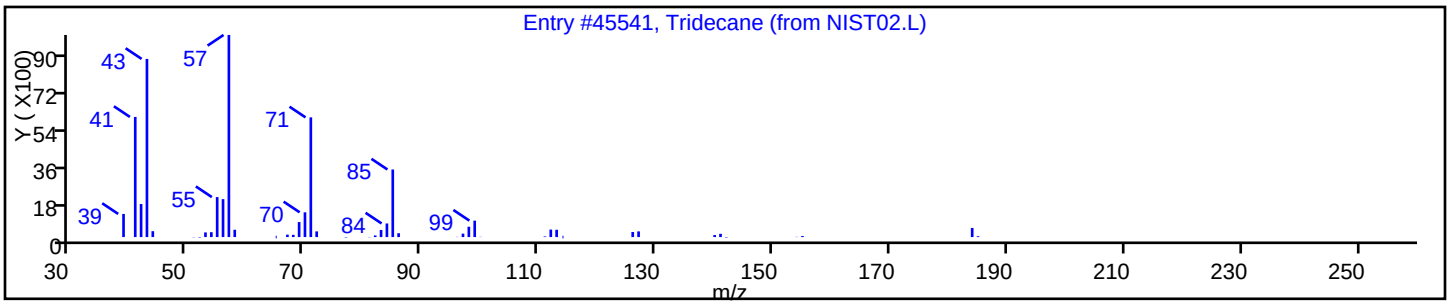
Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Tridecane	629-50-5	NIST02.L	45541	C13H28	184	81







Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D

Injection Date: 11-Mar-2014 09:08:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

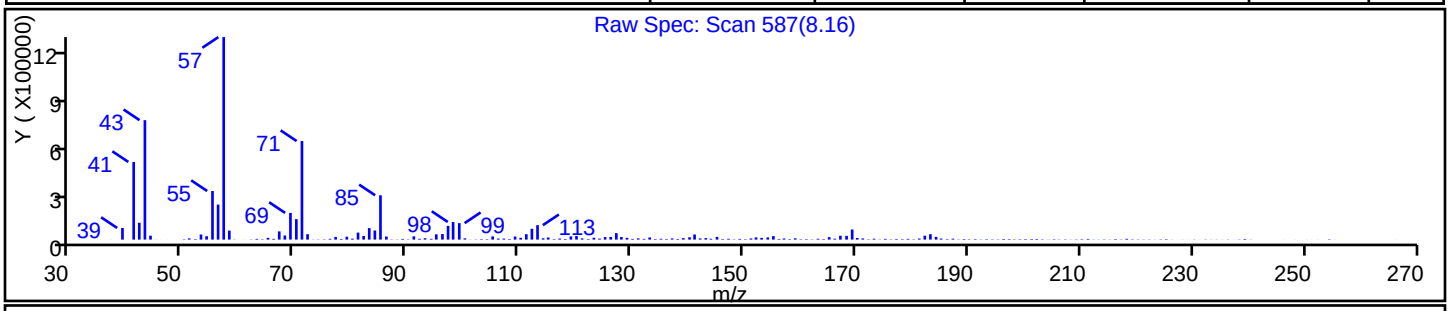
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12

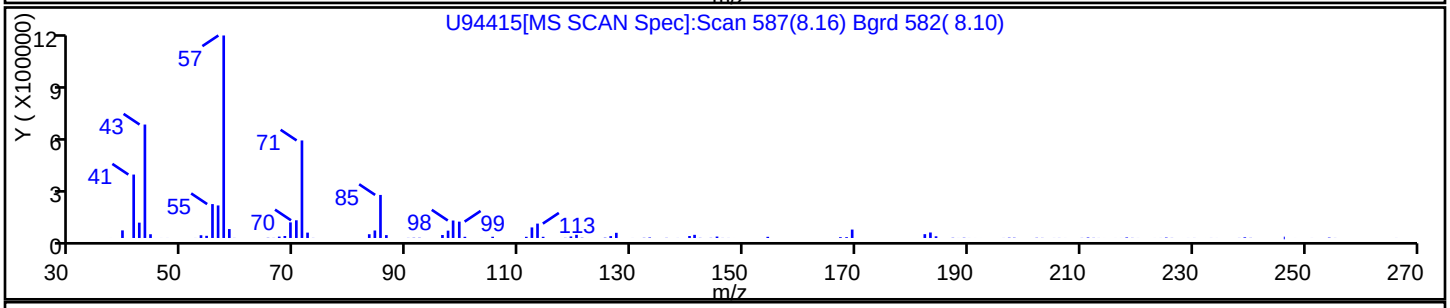
Injection Vol: 1.0 ul Dil. Factor: 1.0000

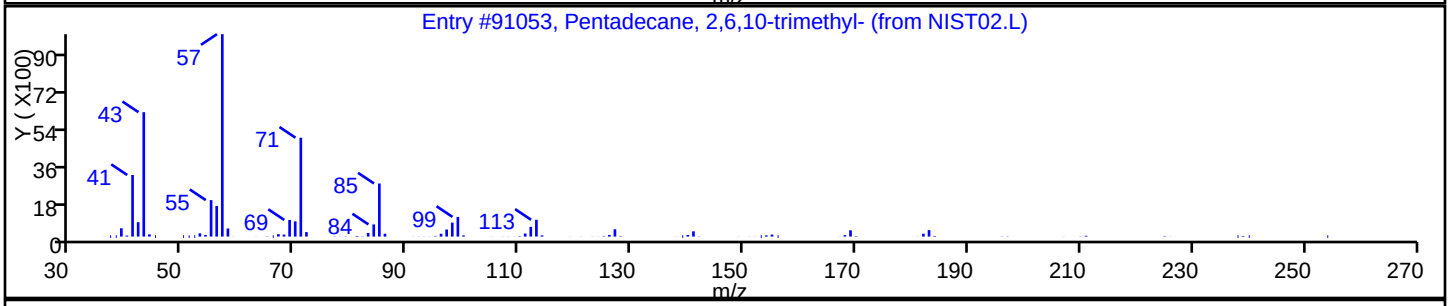
Method: 8270_4R Limit Group: SV 8270 ICAL

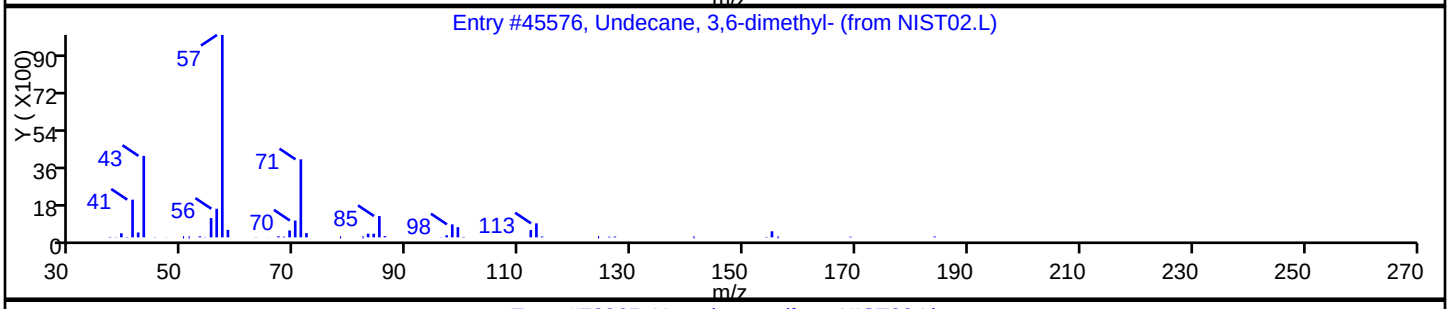
Column: Detector MS SCAN

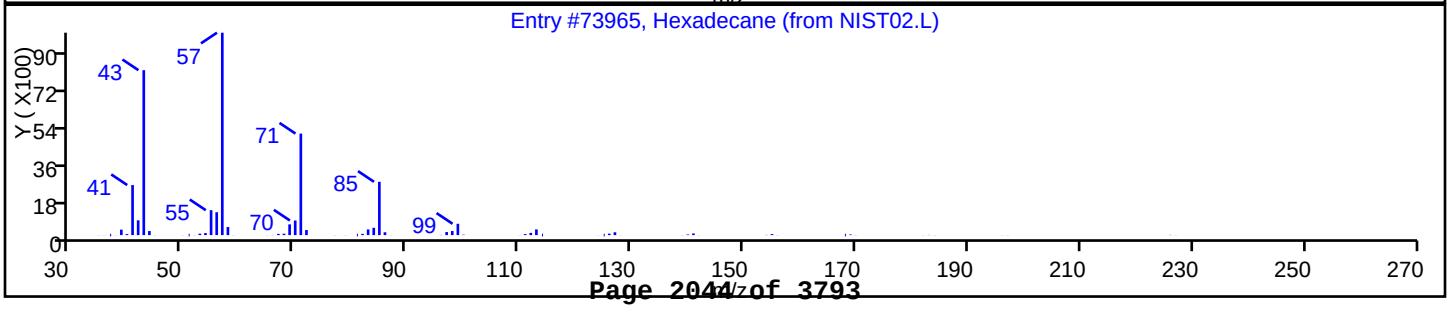
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	94
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.L	45576	C13H28	184	87
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	80











Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D

Injection Date: 11-Mar-2014 09:08:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

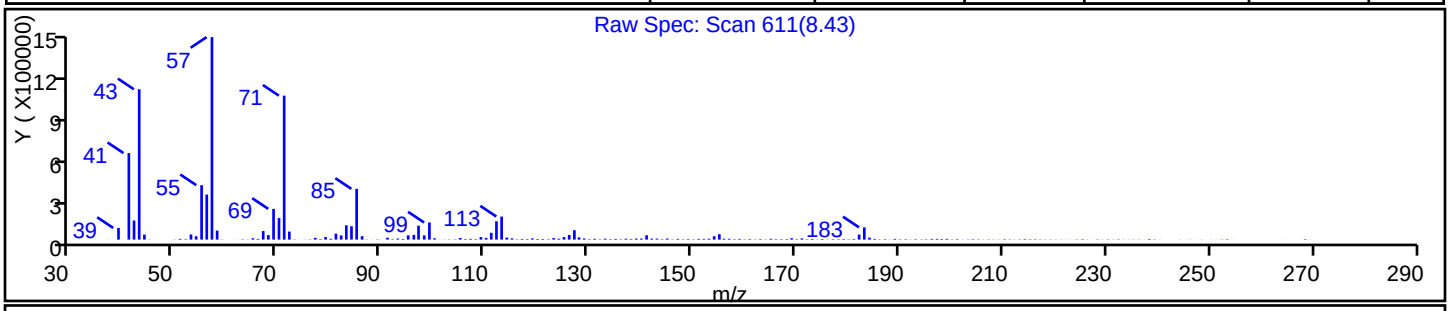
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12

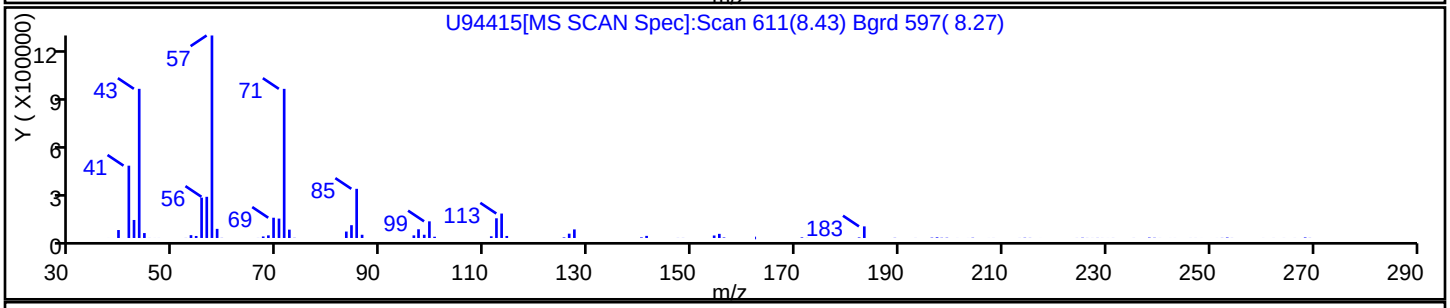
Injection Vol: 1.0 ul Dil. Factor: 1.0000

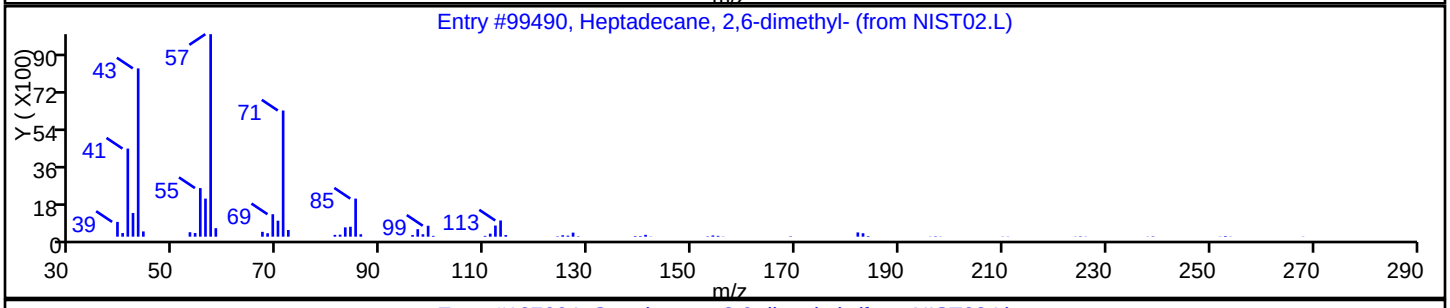
Method: 8270_4R Limit Group: SV 8270 ICAL

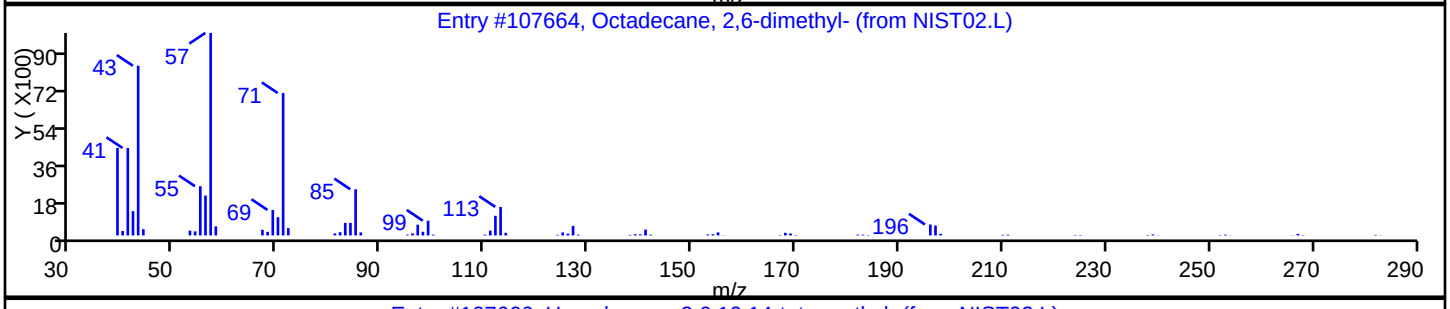
Column: Detector MS SCAN

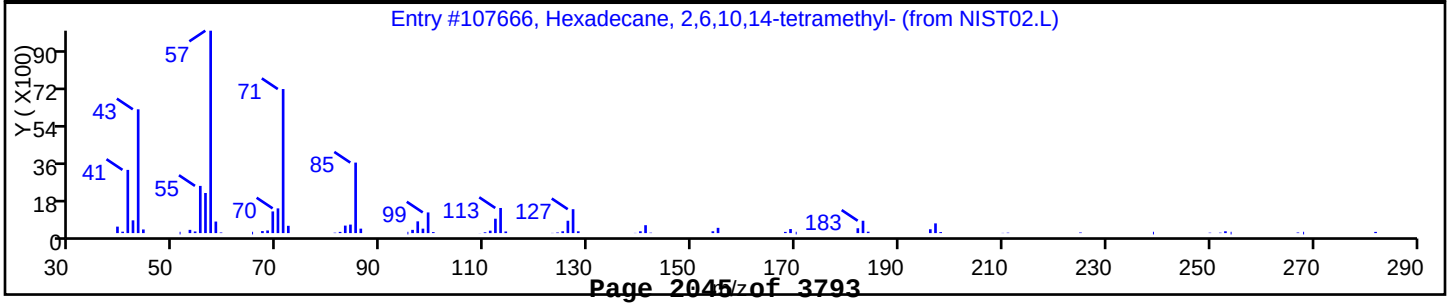
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	C19H40	268	95
Octadecane, 2,6-dimethyl-	75163-97-2	NIST02.L	107664	C20H42	282	91
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107666	C20H42	282	90











Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D

Injection Date: 11-Mar-2014 09:08:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-12-A Lab Sample ID: 460-72174-12

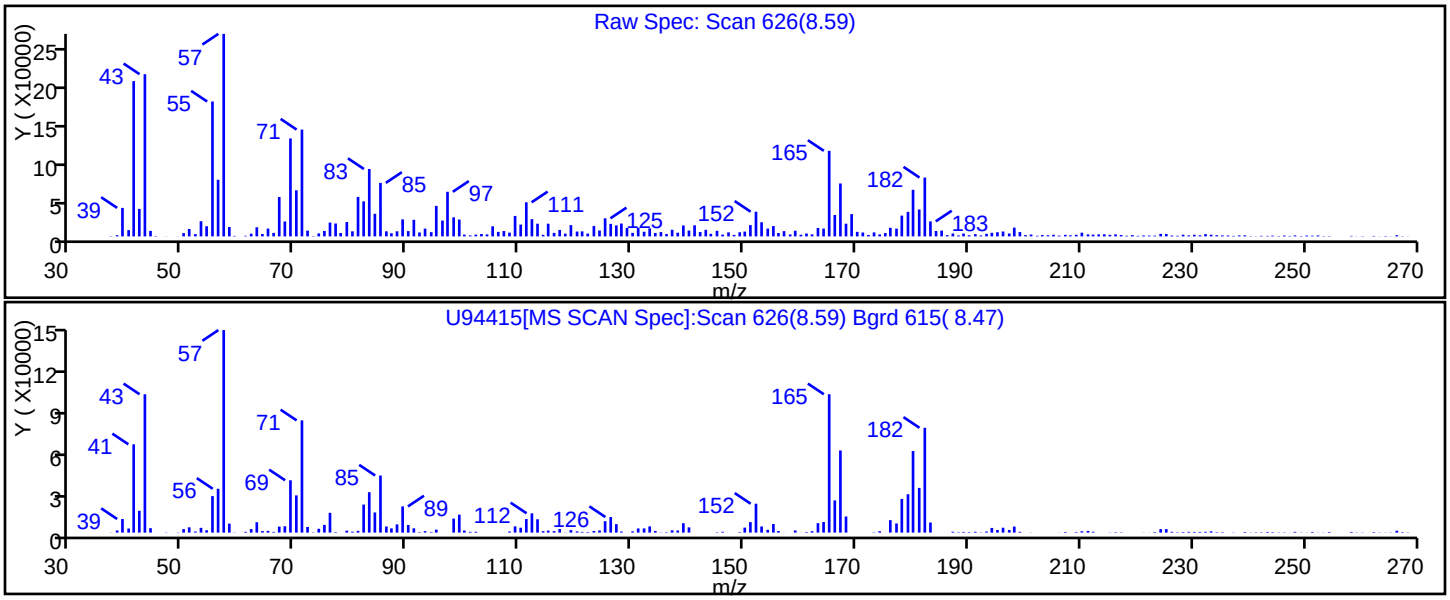
Client ID: PMP-5SW-SI

Operator ID: ALS Bottle#: 12 Worklist Smp#: 12

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Solution Library Matches Found above the Threshold: 80 Detector MS SCAN



Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D

Injection Date: 11-Mar-2014 09:08:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

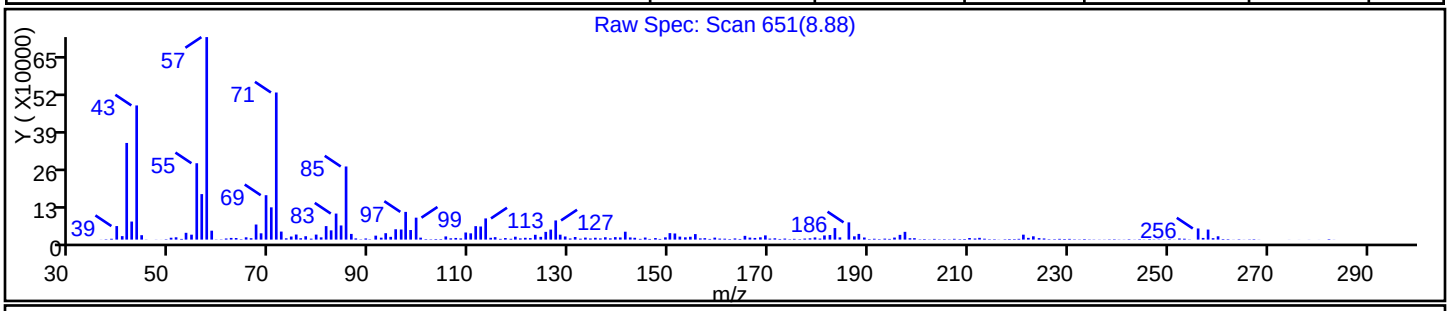
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12

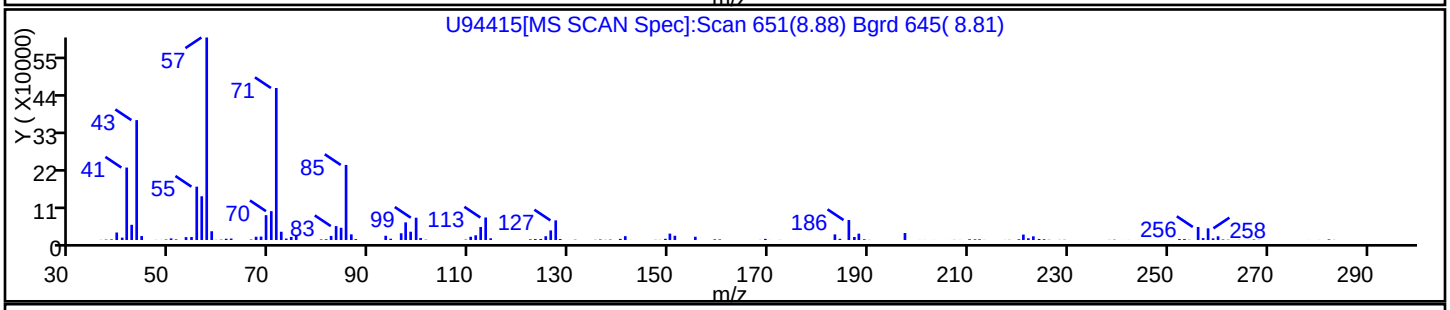
Injection Vol: 1.0 ul Dil. Factor: 1.0000

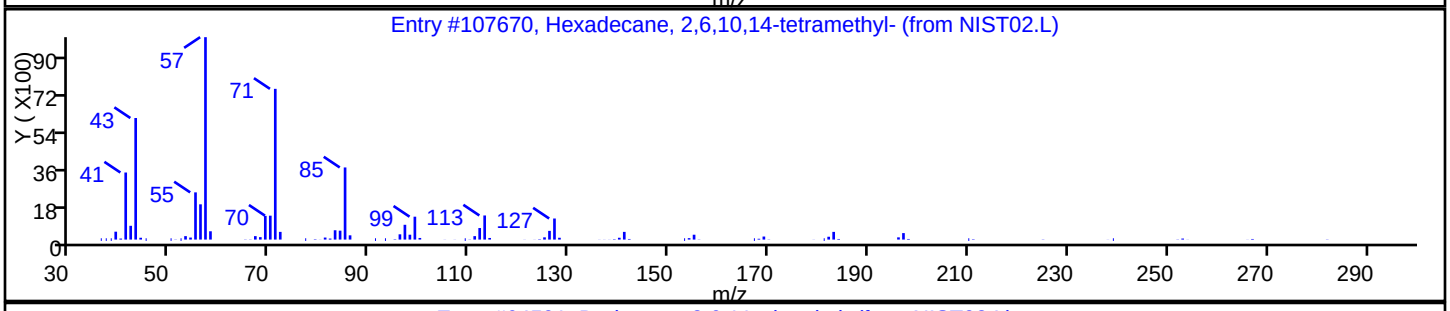
Method: 8270_4R Limit Group: SV 8270 ICAL

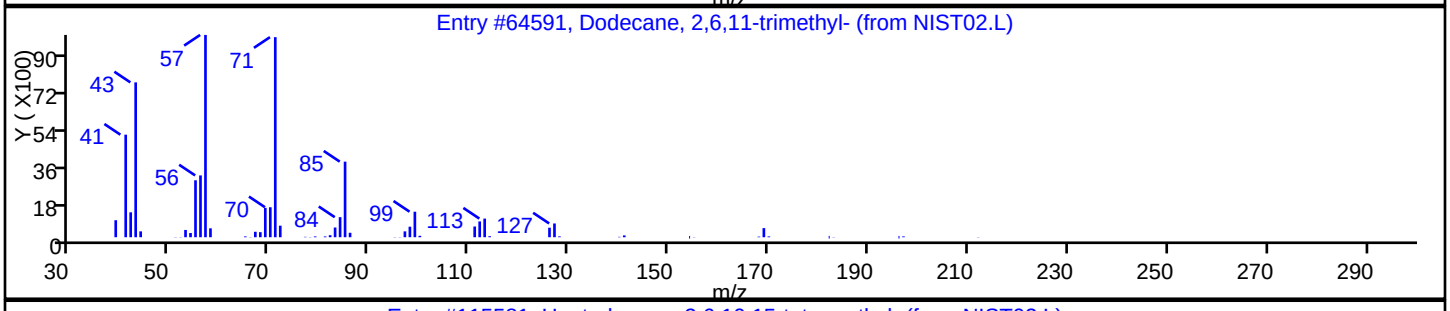
Column: Detector MS SCAN

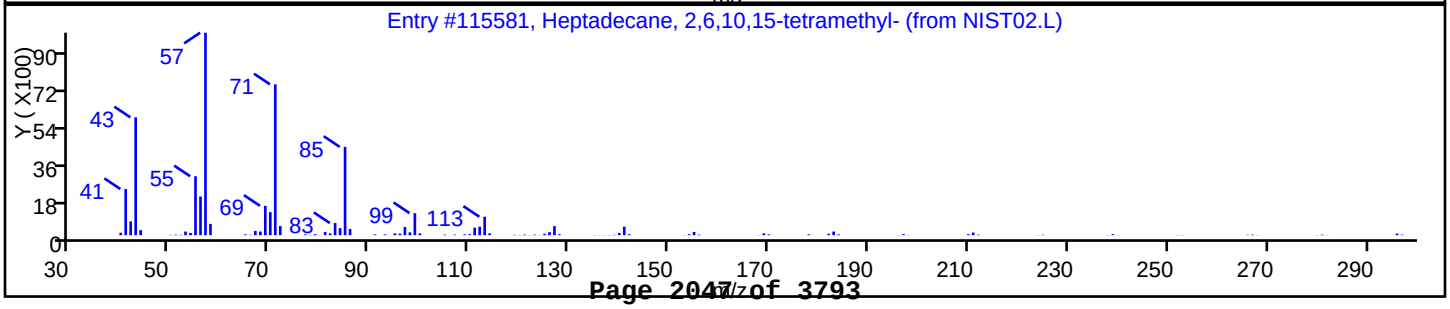
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	C20H42	282	94
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64591	C15H32	212	93
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	C21H44	296	80











Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D

Injection Date: 11-Mar-2014 09:08:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

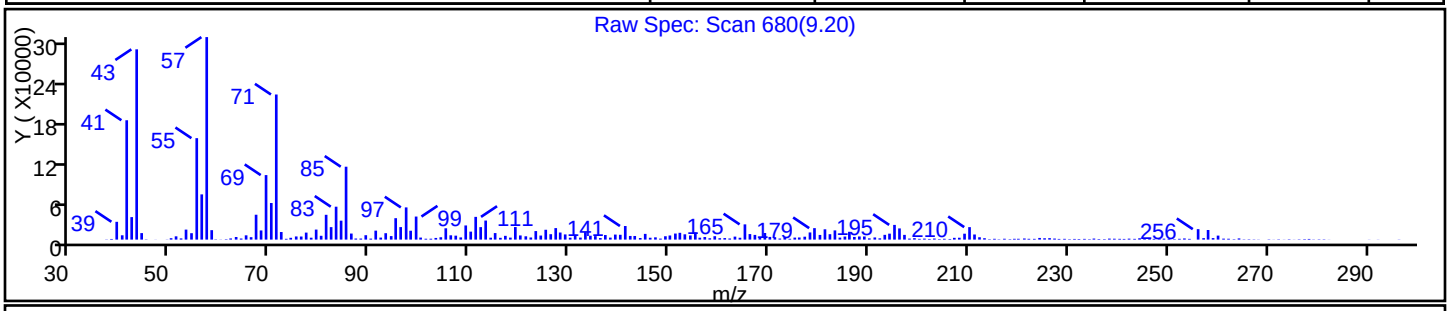
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12

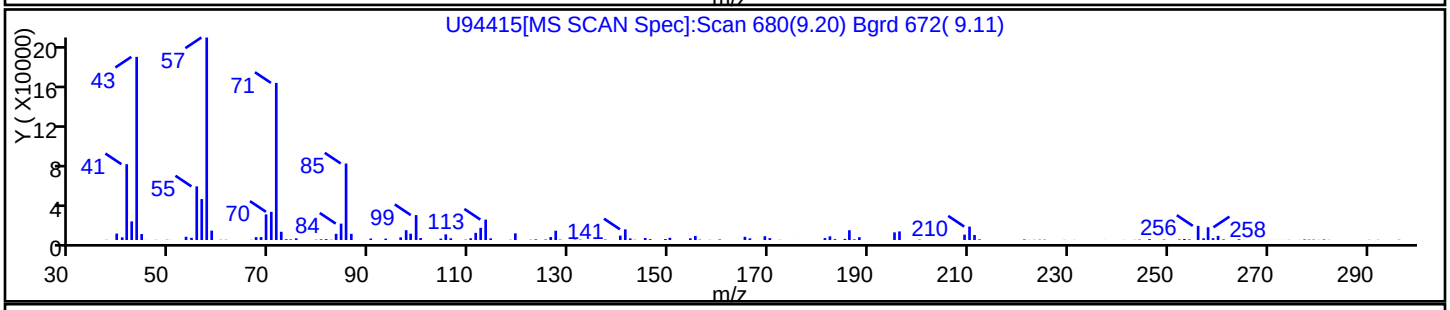
Injection Vol: 1.0 ul Dil. Factor: 1.0000

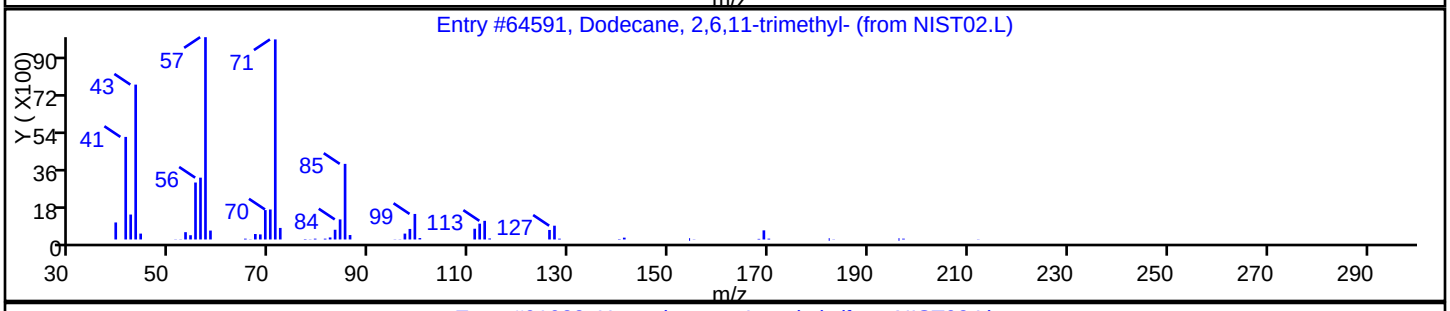
Method: 8270_4R Limit Group: SV 8270 ICAL

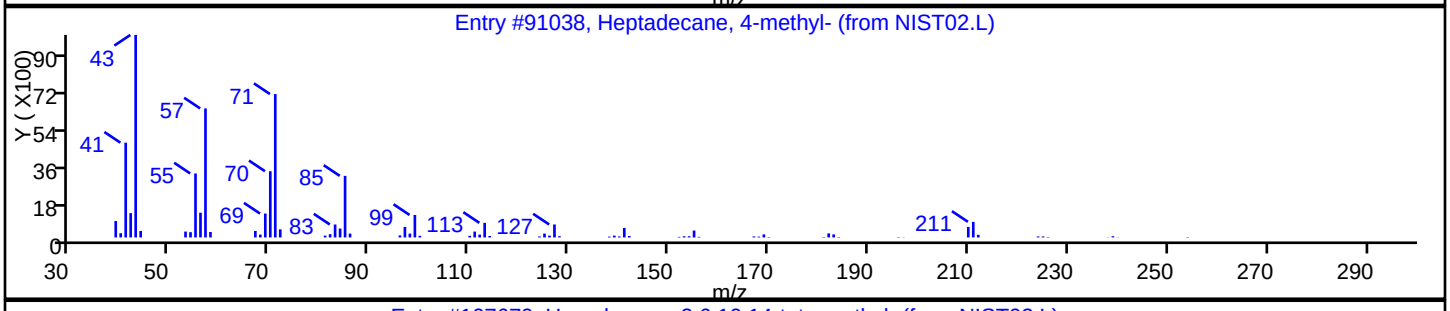
Column: Detector MS SCAN

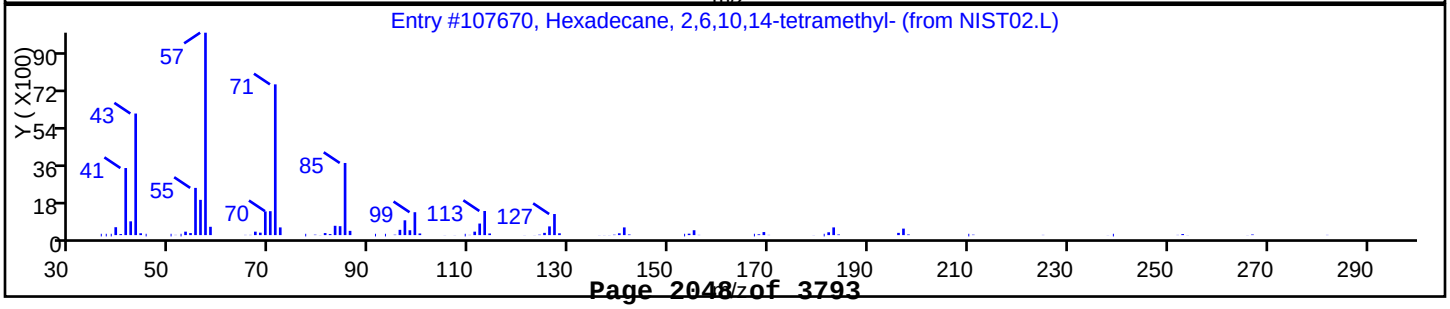
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64591	C15H32	212	90
Heptadecane, 4-methyl-	26429-11-8	NIST02.L	91038	C18H38	254	90
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	C20H42	282	86











Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D

Injection Date: 11-Mar-2014 09:08:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

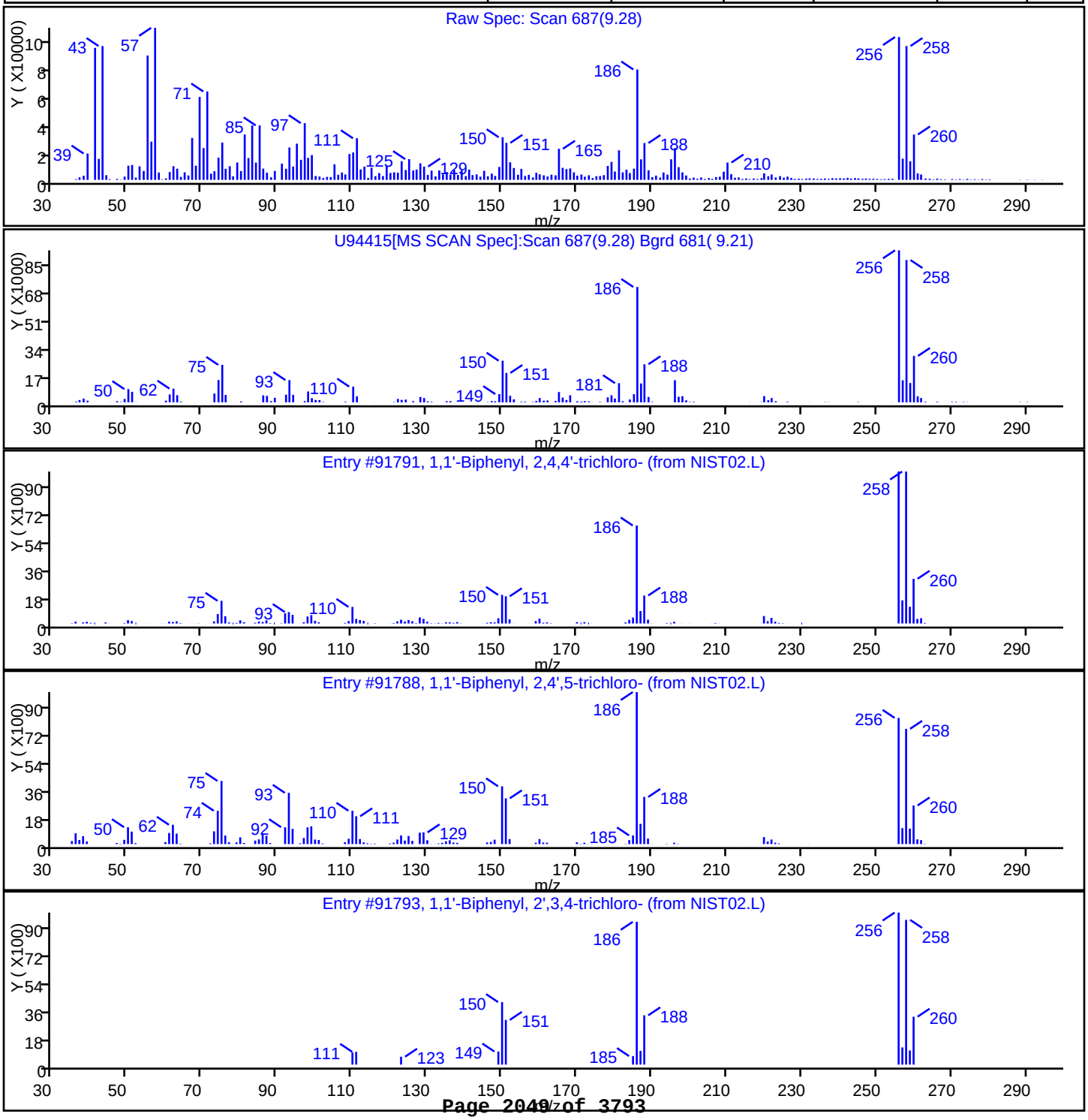
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	98
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	96
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	95



Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D

Injection Date: 11-Mar-2014 09:08:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

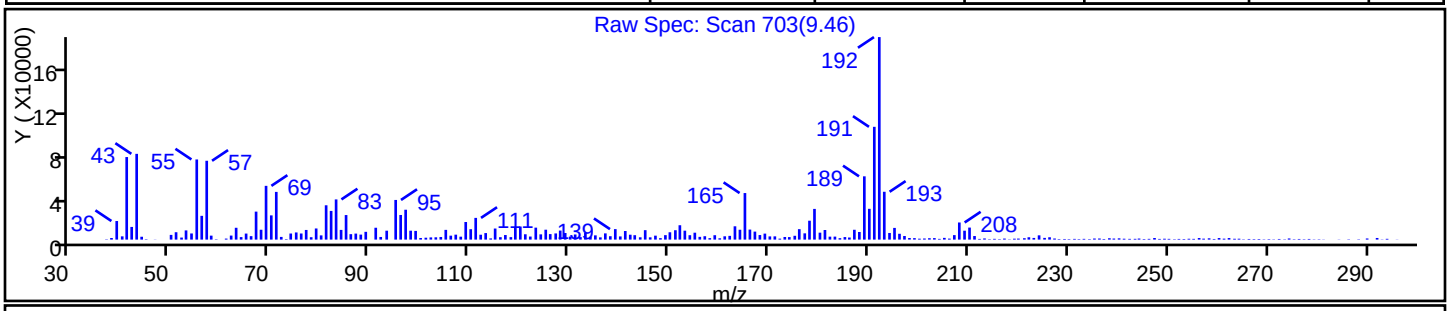
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12

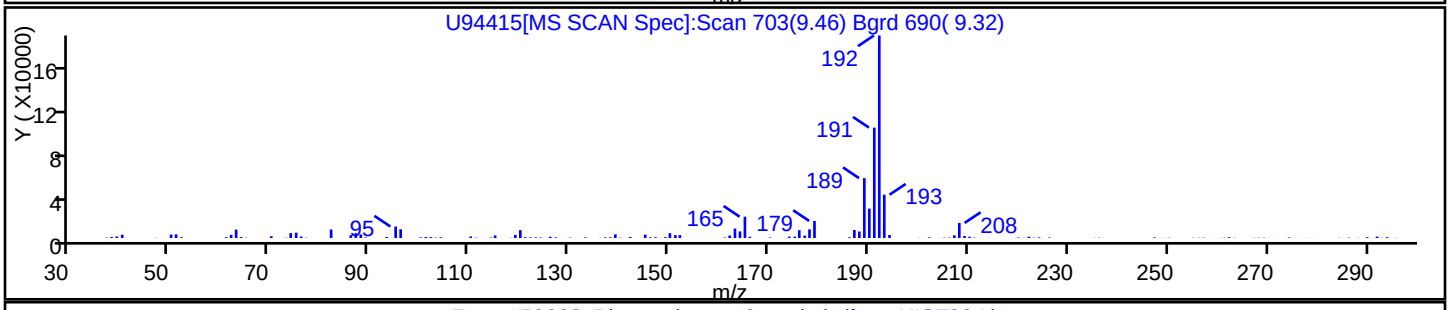
Injection Vol: 1.0 ul Dil. Factor: 1.0000

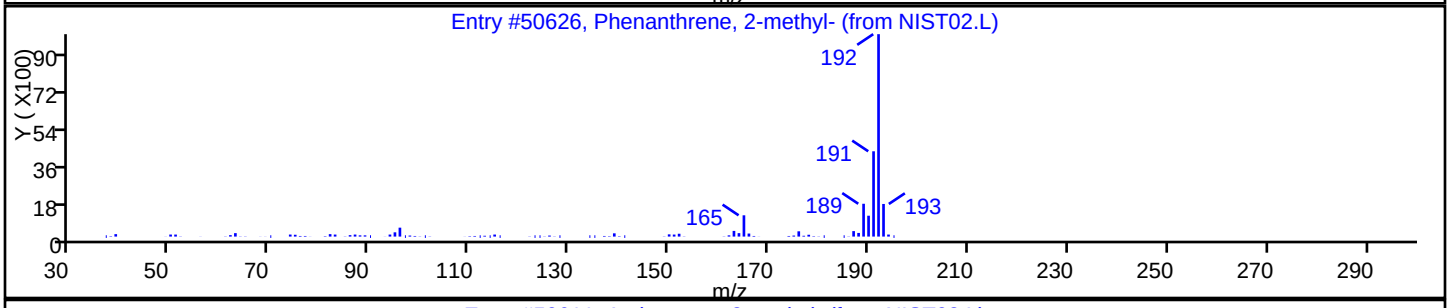
Method: 8270_4R Limit Group: SV 8270 ICAL

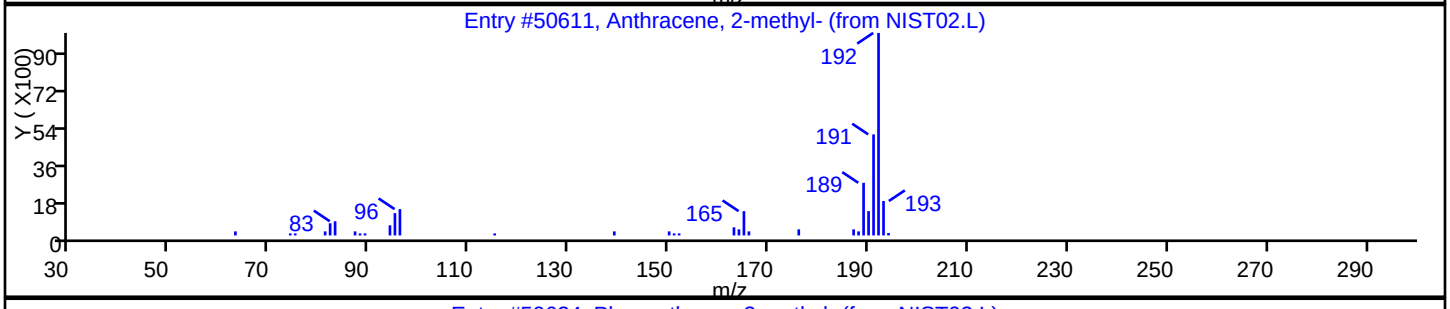
Column: Detector MS SCAN

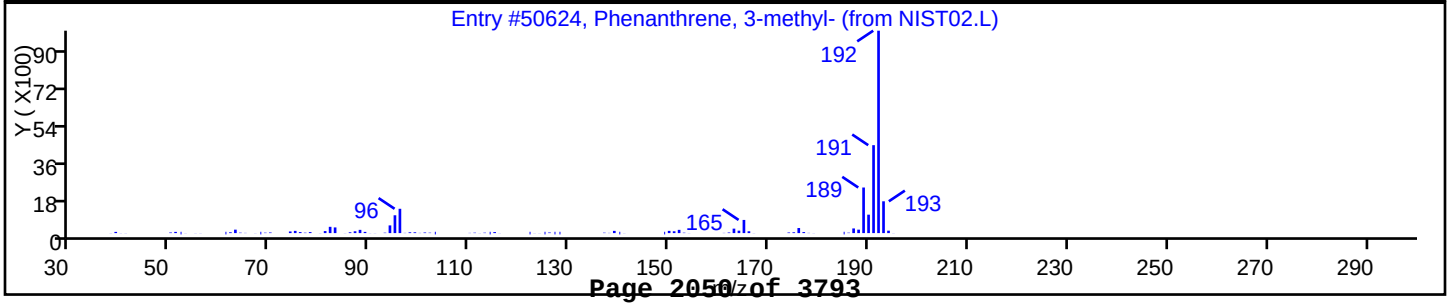
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Phenanthrene, 2-methyl-	2531-84-2	NIST02.L	50626	C15H12	192	96
Anthracene, 2-methyl-	613-12-7	NIST02.L	50611	C15H12	192	94
Phenanthrene, 3-methyl-	832-71-3	NIST02.L	50624	C15H12	192	94











Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D

Injection Date: 11-Mar-2014 09:08:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

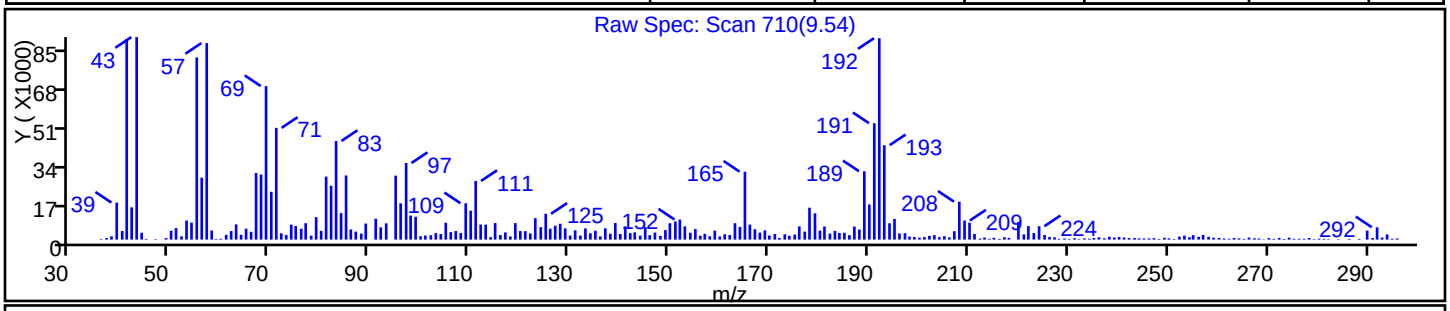
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12

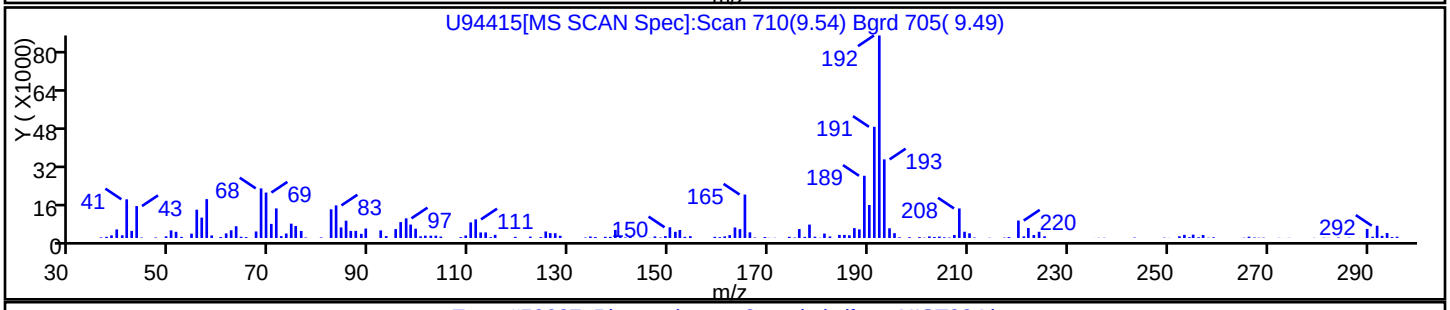
Injection Vol: 1.0 ul Dil. Factor: 1.0000

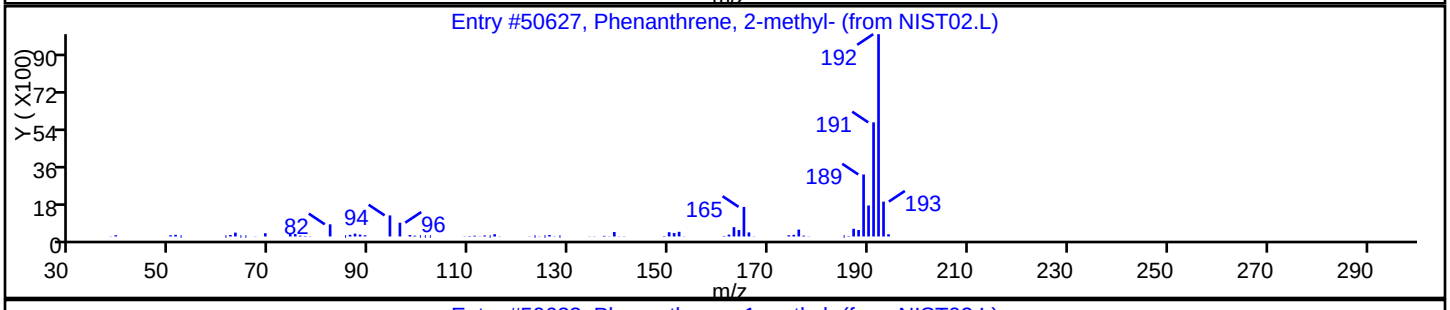
Method: 8270_4R Limit Group: SV 8270 ICAL

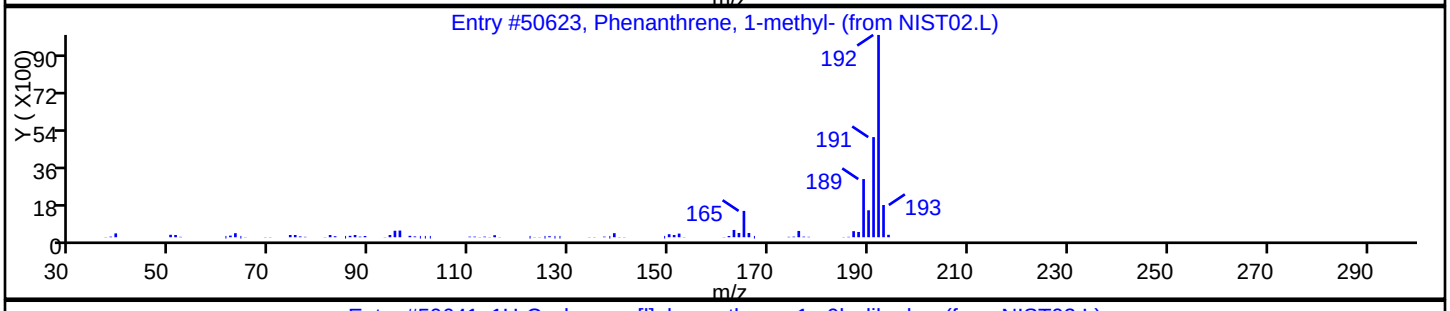
Column: Detector MS SCAN

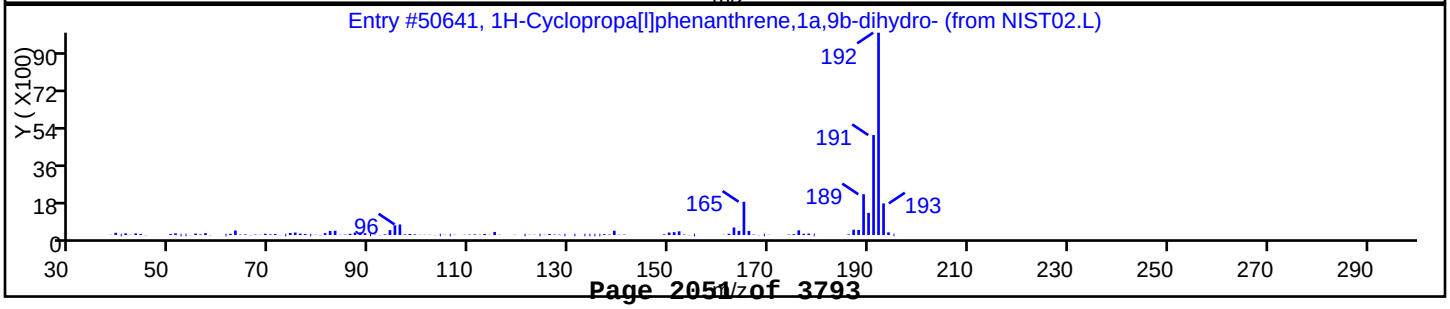
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Phenanthrene, 2-methyl-	2531-84-2	NIST02.L	50627	C15H12	192	93
Phenanthrene, 1-methyl-	832-69-9	NIST02.L	50623	C15H12	192	91
1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd	949-41-7	NIST02.L	50641	C15H12	192	83











Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D

Injection Date: 11-Mar-2014 09:08:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

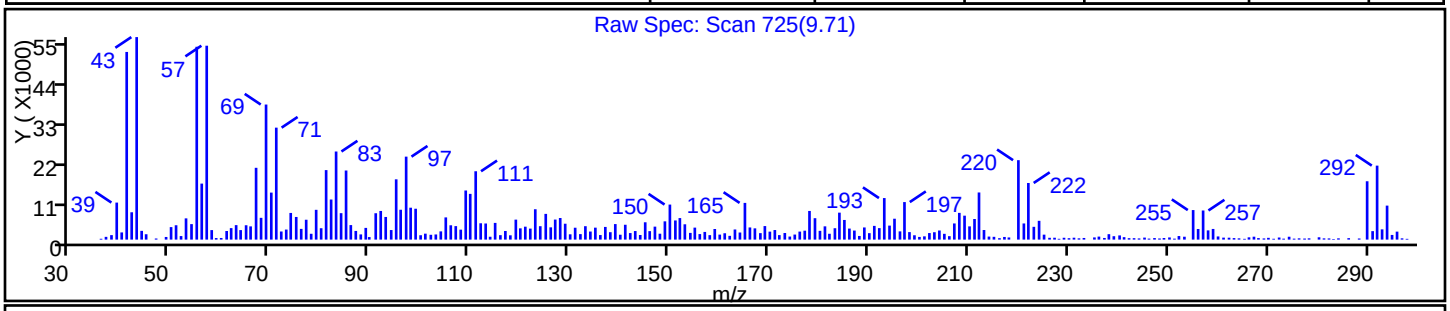
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12

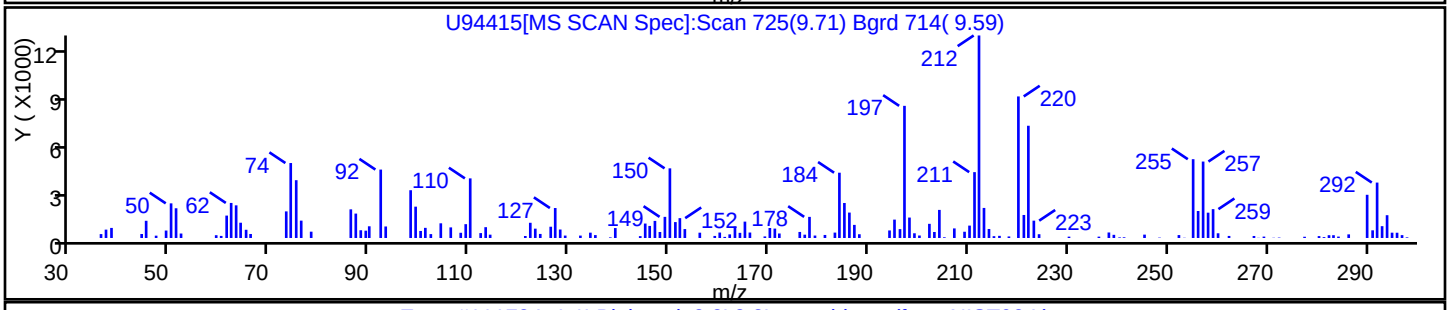
Injection Vol: 1.0 ul Dil. Factor: 1.0000

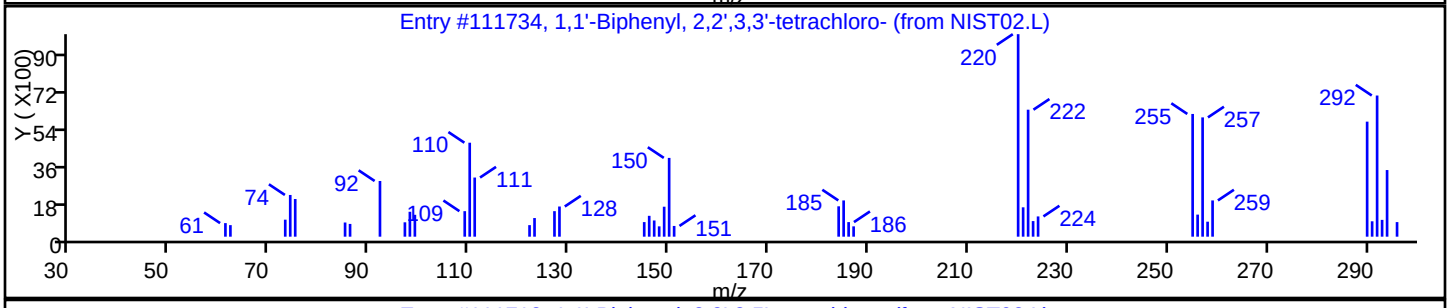
Method: 8270_4R Limit Group: SV 8270 ICAL

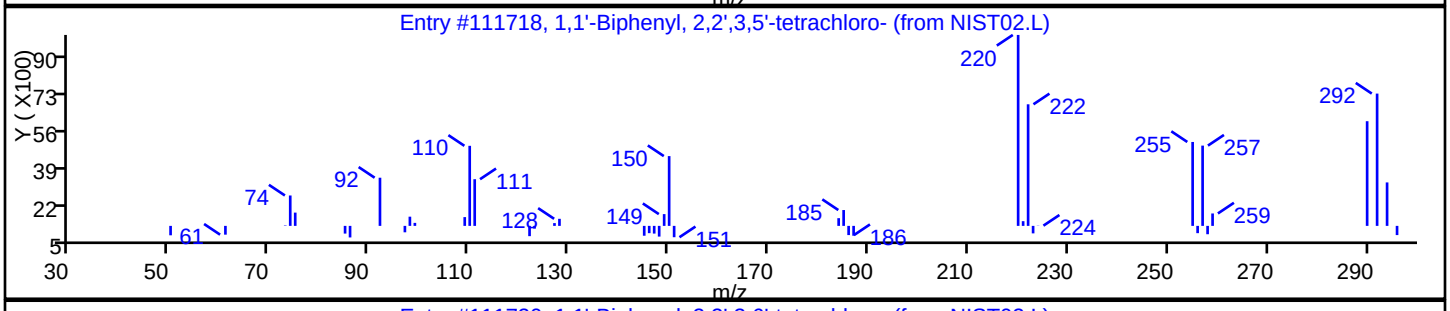
Column: Detector MS SCAN

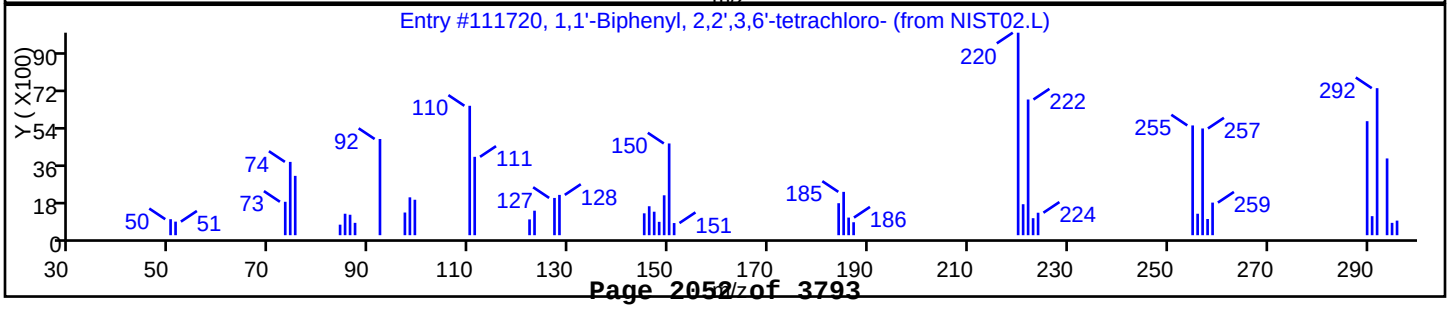
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',3,3'-tetrachloro-	38444-93-8	NIST02.L	111734	C12H6Cl4	290	89
1,1'-Biphenyl, 2,2',3,5'-tetrachloro-	41464-39-5	NIST02.L	111718	C12H6Cl4	290	89
1,1'-Biphenyl, 2,2',3,6'-tetrachloro-	41464-47-5	NIST02.L	111720	C12H6Cl4	290	83











Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D

Injection Date: 11-Mar-2014 09:08:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-12-A Lab Sample ID: 460-72174-12

Client ID: PMP-5SW-SI

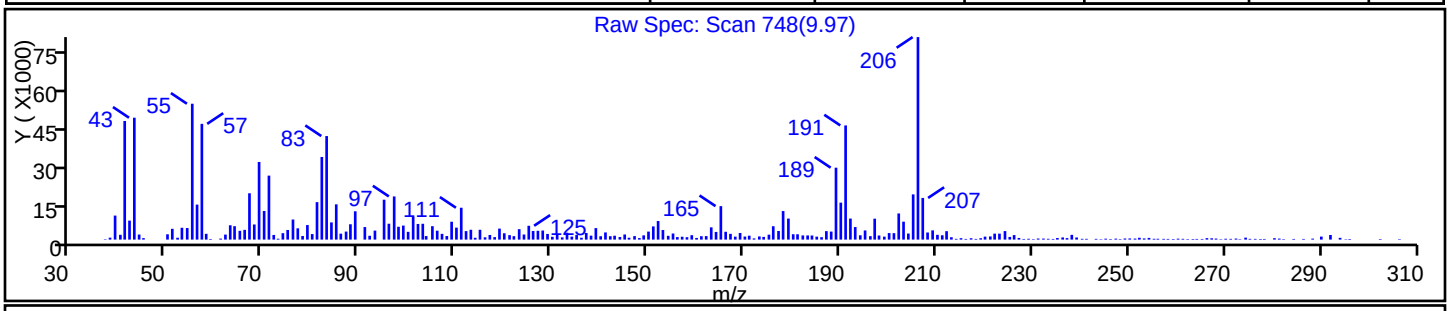
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12

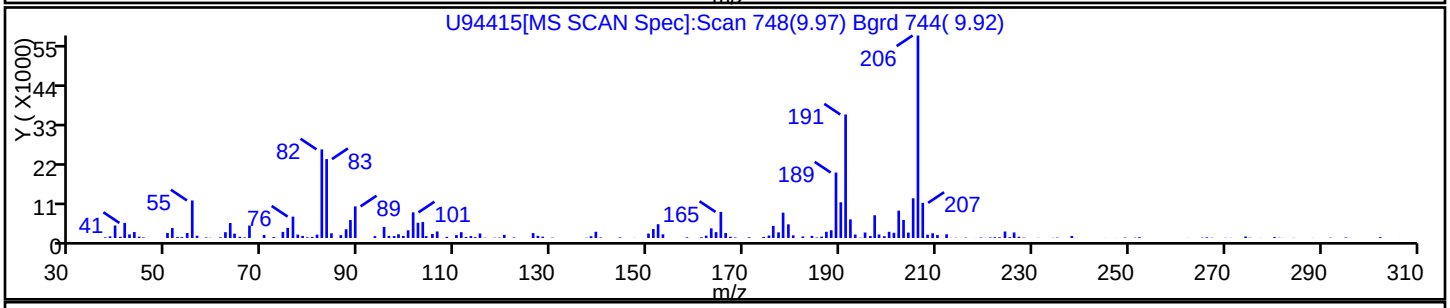
Injection Vol: 1.0 ul Dil. Factor: 1.0000

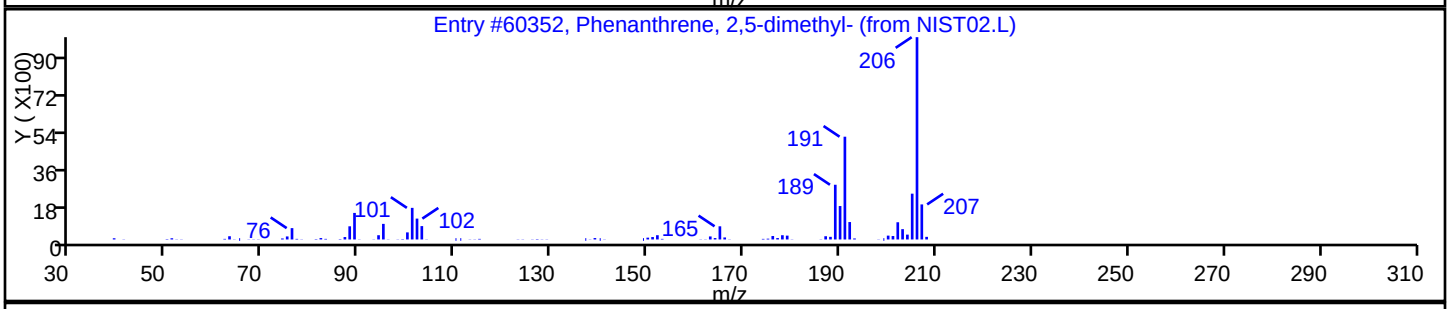
Method: 8270_4R Limit Group: SV 8270 ICAL

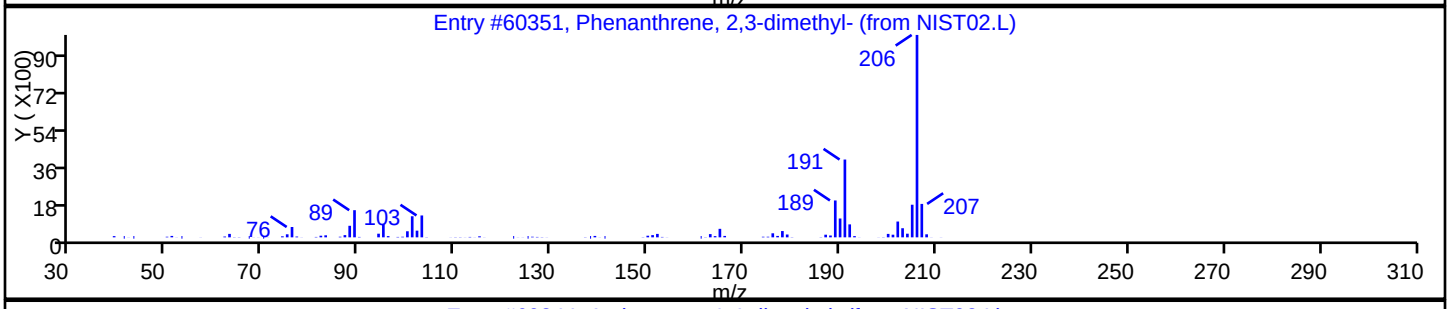
Column: Detector MS SCAN

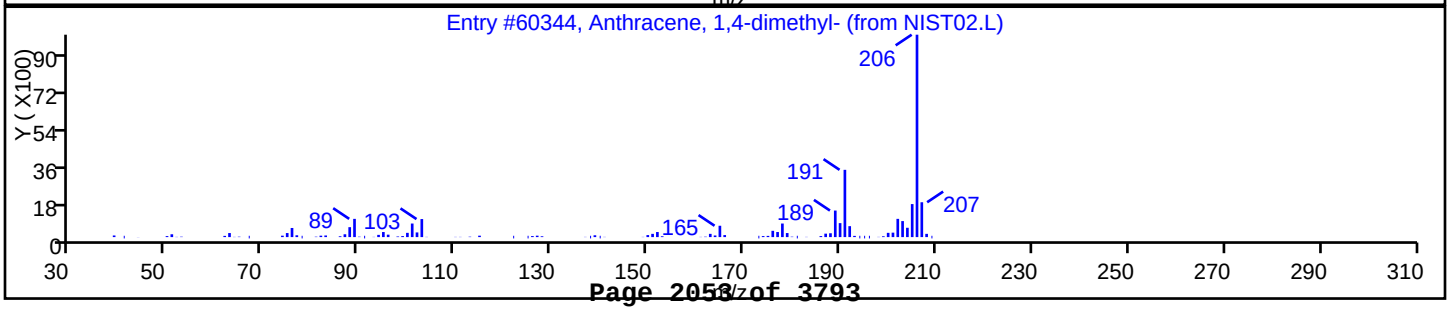
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Phenanthrene, 2,5-dimethyl-	3674-66-6	NIST02.L	60352	C16H14	206	96
Phenanthrene, 2,3-dimethyl-	3674-65-5	NIST02.L	60351	C16H14	206	83
Anthracene, 1,4-dimethyl-	781-92-0	NIST02.L	60344	C16H14	206	83









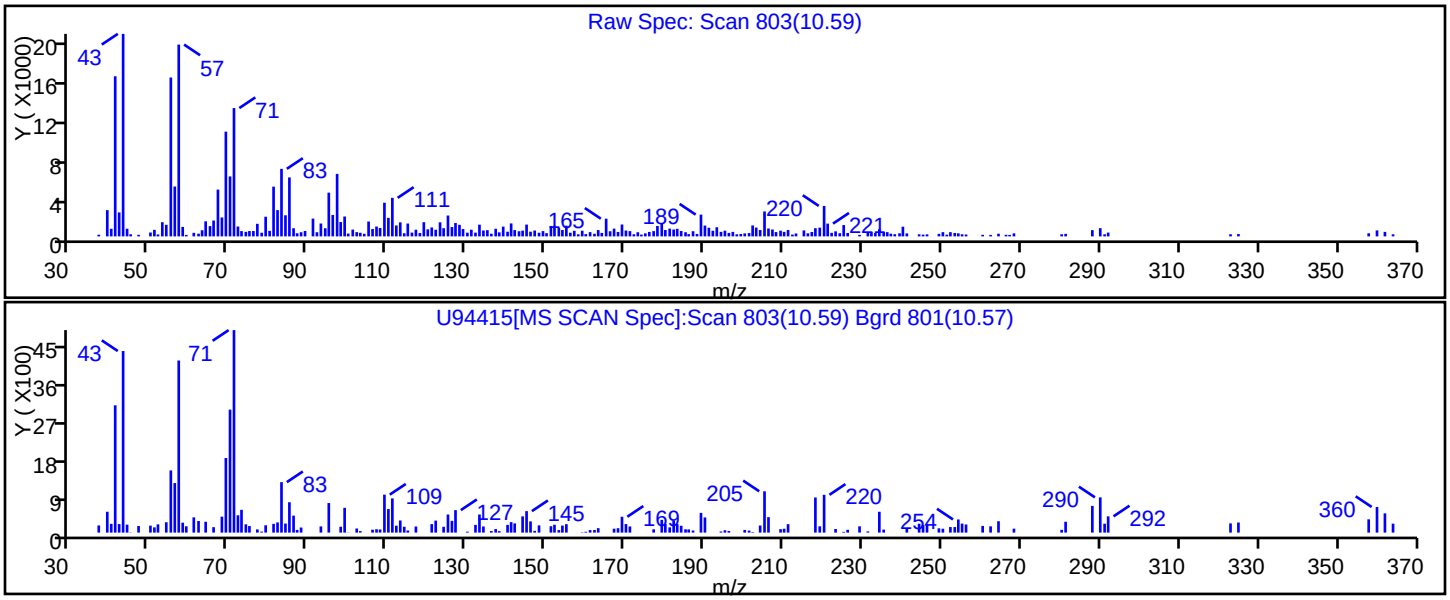


Report Date: 13-Mar-2014 09:51:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94415.D

Injection Date:	11-Mar-2014 09:08:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-12-A	Lab Sample ID:	460-72174-12		
Client ID:	PMP-5SW-SI				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-VD | Lab Sample ID: 460-72174-13

Matrix: Solid | Lab File ID: U94416.D

Analysis Method: 8270C | Date Collected: 03/06/2014 11:20

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) | Date Analyzed: 03/11/2014 09:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	46	U	350	46
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	59	U	350	59
106-44-5	4-Methylphenol	68	U	350	68
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	53	U	350	53
111-44-4	Bis(2-chloroethyl)ether	4.7	U	35	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	350	38
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	35	5.8
98-95-3	Nitrobenzene	4.9	U *	35	4.9
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	42	U	350	42
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	85	U	350	85
120-83-2	2,4-Dichlorophenol	51	U	350	51
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
91-20-3	Naphthalene	40	U	350	40
106-47-8	4-Chloroaniline	92	U	350	92
87-68-3	Hexachlorobutadiene	8.4	U	70	8.4
105-60-2	Caprolactam	80	U	350	80
59-50-7	4-Chloro-3-methylphenol	52	U	350	52
91-57-6	2-Methylnaphthalene	44	U	350	44
118-74-1	Hexachlorobenzene	4.7	U	35	4.7
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	45	U	350	45
92-52-4	Diphenyl	46	U	350	46
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	140	U	700	140
606-20-2	2,6-Dinitrotoluene	10	U	70	10
131-11-3	Dimethyl phthalate	41	U	350	41
208-96-8	Acenaphthylene	41	U	350	41
99-09-2	3-Nitroaniline	120	U	700	120
83-32-9	Acenaphthene	50	U	350	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-VD | Lab Sample ID: 460-72174-13

Matrix: Solid | Lab File ID: U94416.D

Analysis Method: 8270C | Date Collected: 03/06/2014 11:20

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) | Date Analyzed: 03/11/2014 09:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1000	220
51-28-5	2,4-Dinitrophenol	200	U	1000	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	41	U	350	41
86-73-7	Fluorene	44	U	350	44
206-44-0	Fluoranthene	46	U	350	46
84-74-2	Di-n-butyl phthalate	43	U	350	43
121-14-2	2,4-Dinitrotoluene	11	U	70	11
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	700	110
534-52-1	4,6-Dinitro-2-methylphenol	94	U	1000	94
101-55-3	4-Bromophenyl phenyl ether	34	U	350	34
1912-24-9	Atrazine	53	U	350	53
120-12-7	Anthracene	42	U	350	42
86-74-8	Carbazole	41	U	350	41
85-01-8	Phenanthrene	44	U	350	44
87-86-5	Pentachlorophenol	100	U	1000	100
129-00-0	Pyrene	29	U	350	29
218-01-9	Chrysene	40	U	350	40
207-08-9	Benzo[k]fluoranthene	2.6	U	35	2.6
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.4	U	35	2.4
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	350	34
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	22	U	350	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.4	U	35	6.4
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	700	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	350	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-VD Lab Sample ID: 460-72174-13

Matrix: Solid Lab File ID: U94416.D

Analysis Method: 8270C Date Collected: 03/06/2014 11:20

Extract. Method: 3541 Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) Date Analyzed: 03/11/2014 09:31

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	40		40-106
4165-62-2	Phenol-d5	68		44-104
1718-51-0	Terphenyl-d14	91		41-145
118-79-6	2,4,6-Tribromophenol	85		19-114
367-12-4	2-Fluorophenol	48		39-103
321-60-8	2-Fluorobiphenyl	49		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-VD | Lab Sample ID: 460-72174-13

Matrix: Solid | Lab File ID: U94416.D

Analysis Method: 8270C | Date Collected: 03/06/2014 11:20

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) | Date Analyzed: 03/11/2014 09:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 340

CAS NO.	COMPOUND NAME	RT	RESULT	Q
544-76-3	Hexadecane	6.88	340	J N

Report Date: 13-Mar-2014 09:52:57 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94416.D
Lims ID: 460-72174-E-13-A Lab Sample ID: 460-72174-13
Client ID: PMP-6SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 09:31:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-013
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 09:52:57 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 13-Mar-2014 09:52:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.152	3.127	0.025	88	118764	23.9	
$ 6 Phenol-d5	99	4.060	4.071	-0.011	72	205363	34.1	
* 13 1,4-Dichlorobenzene-d4	152	4.423	4.430	-0.007	97	113795	40.0	
$ 25 Nitrobenzene-d5	82	4.969	4.990	-0.021	93	128252	19.8	
* 35 Naphthalene-d8	136	5.700	5.701	-0.001	100	524786	40.0	
$ 48 2-Fluorobiphenyl	172	6.774	6.785	-0.011	97	227632	24.3	
* 61 Acenaphthene-d10	164	7.450	7.451	-0.001	92	274376	40.0	
$ 76 2,4,6-Tribromophenol	330	8.221	8.230	-0.009	91	45045	42.7	
* 83 Phenanthrene-d10	188	8.909	8.917	-0.008	98	425707	40.0	
$ 91 Terphenyl-d14	244	10.478	10.483	-0.005	97	247645	45.6	
* 96 Chrysene-d12	240	11.677	11.690	-0.013	98	234057	40.0	
* 103 Perylene-d12	264	13.603	13.619	-0.016	98	198713	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94416.D				
Lims ID:	460-72174-E-13-A	Lab Sample ID:	460-72174-13		
Client ID:	PMP-6SW-VD				
Sample Type:	Client				
Inject. Date:	11-Mar-2014 09:31:30	ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0010686-013				
Operator ID:		Instrument ID:	CBNAMS4		
Method:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m				
Limit Group:	SV 8270 ICAL				
Last Update:	13-Mar-2014 09:52:57	Calib Date:	27-Feb-2014 14:00:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK003				
First Level Reviewer: szczecha		Date:	13-Mar-2014 09:52:57		

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	544-76-3 Hexadecane							
6.879	155299	4.85	61	86	73964	C16H34	226	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.450	1280639	40.0

QC Flag Legend

Processing Flags

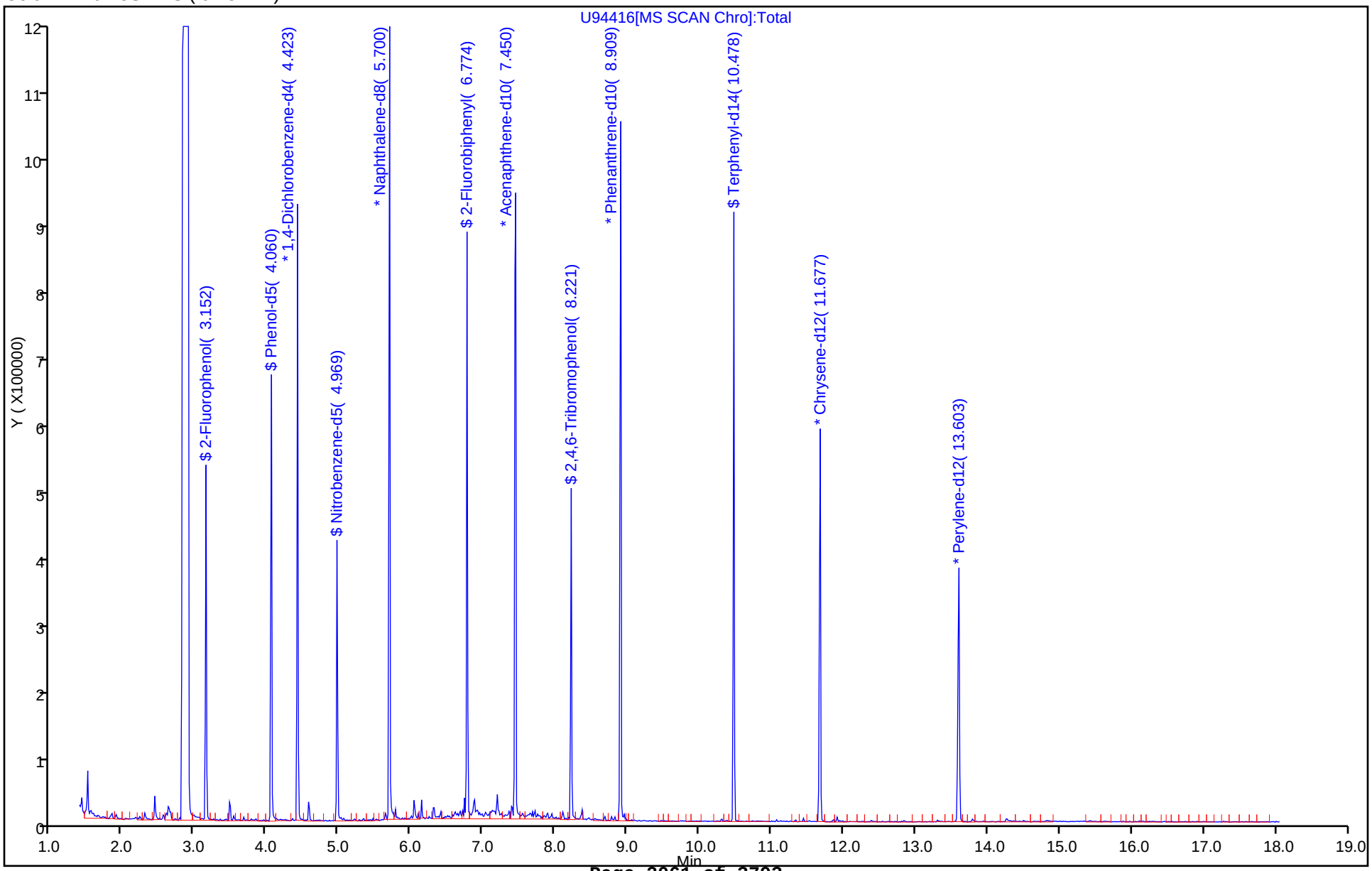
Report Date: 13-Mar-2014 09:52:57 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94416.D

Injection Date:	11-Mar-2014 09:31:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-72174-E-13-A	Lab Sample ID:	460-72174-13	Worklist Smp#:	13
Client ID:	PMP-6SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8270_4R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 13-Mar-2014 09:52:57 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94416.D

Injection Date: 11-Mar-2014 09:31:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-13-A Lab Sample ID: 460-72174-13

Client ID: PMP-6SW-VD

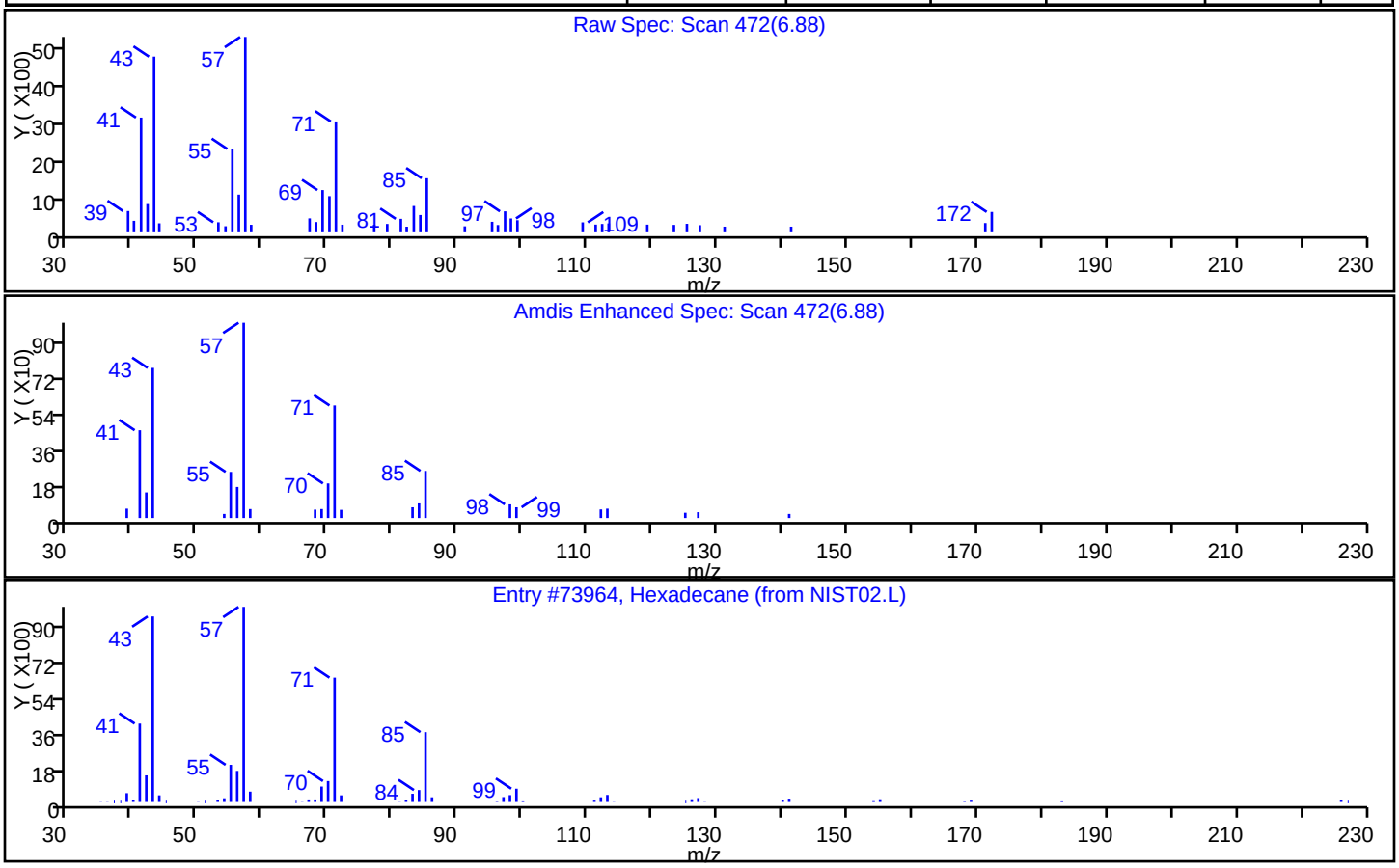
Operator ID: ALS Bottle#: 13 Worklist Smp#: 13

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73964	C16H34	226	86



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-WT | Lab Sample ID: 460-72174-14

Matrix: Solid | Lab File ID: U94417.D

Analysis Method: 8270C | Date Collected: 03/06/2014 11:25

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.04(g) | Date Analyzed: 03/11/2014 09:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	50	U	370	50
95-57-8	2-Chlorophenol	49	U	370	49
95-48-7	2-Methylphenol	63	U	370	63
106-44-5	4-Methylphenol	73	U	370	73
100-52-7	Benzaldehyde	44	U	370	44
98-86-2	Acetophenone	57	U	370	57
111-44-4	Bis(2-chloroethyl)ether	5.0	U	37	5.0
108-60-1	2,2'-oxybis[1-chloropropane]	41	U	370	41
621-64-7	N-Nitrosodi-n-propylamine	6.2	U	37	6.2
98-95-3	Nitrobenzene	5.3	U *	37	5.3
67-72-1	Hexachloroethane	4.1	U	37	4.1
78-59-1	Isophorone	45	U	370	45
88-75-5	2-Nitrophenol	41	U	370	41
105-67-9	2,4-Dimethylphenol	91	U	370	91
120-83-2	2,4-Dichlorophenol	54	U	370	54
111-91-1	Bis(2-chloroethoxy)methane	48	U	370	48
91-20-3	Naphthalene	43	U	370	43
106-47-8	4-Chloroaniline	98	U	370	98
87-68-3	Hexachlorobutadiene	9.0	U	75	9.0
105-60-2	Caprolactam	85	U	370	85
59-50-7	4-Chloro-3-methylphenol	56	U	370	56
91-57-6	2-Methylnaphthalene	48	U	370	48
118-74-1	Hexachlorobenzene	5.1	U	37	5.1
77-47-4	Hexachlorocyclopentadiene	44	U	370	44
88-06-2	2,4,6-Trichlorophenol	43	U	370	43
95-95-4	2,4,5-Trichlorophenol	48	U	370	48
92-52-4	Diphenyl	50	U	370	50
91-58-7	2-Chloronaphthalene	41	U	370	41
88-74-4	2-Nitroaniline	150	U	750	150
606-20-2	2,6-Dinitrotoluene	11	U	75	11
131-11-3	Dimethyl phthalate	44	U	370	44
208-96-8	Acenaphthylene	44	U	370	44
99-09-2	3-Nitroaniline	130	U	750	130
83-32-9	Acenaphthene	54	U	370	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-WT | Lab Sample ID: 460-72174-14

Matrix: Solid | Lab File ID: U94417.D

Analysis Method: 8270C | Date Collected: 03/06/2014 11:25

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.04(g) | Date Analyzed: 03/11/2014 09:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	43	U	370	43
84-66-2	Diethyl phthalate	44	U	370	44
86-73-7	Fluorene	47	U	370	47
206-44-0	Fluoranthene	49	U	370	49
84-74-2	Di-n-butyl phthalate	46	U	370	46
121-14-2	2,4-Dinitrotoluene	12	U	75	12
7005-72-3	4-Chlorophenyl phenyl ether	43	U	370	43
100-01-6	4-Nitroaniline	120	U	750	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	37	U	370	37
1912-24-9	Atrazine	57	U	370	57
120-12-7	Anthracene	45	U	370	45
86-74-8	Carbazole	44	U	370	44
85-01-8	Phenanthrene	47	U	370	47
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	78	J	370	31
218-01-9	Chrysene	43	U	370	43
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
191-24-2	Benzo[g,h,i]perylene	27	U	370	27
205-99-2	Benzo[b]fluoranthene	2.3	U	37	2.3
50-32-8	Benzo[a]pyrene	2.6	U	37	2.6
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
86-30-6	N-Nitrosodiphenylamine	36	U	370	36
85-68-7	Butyl benzyl phthalate	34	U	370	34
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
117-84-0	Di-n-octyl phthalate	24	U	370	24
193-39-5	Indeno[1,2,3-cd]pyrene	6.9	U	37	6.9
53-70-3	Dibenz(a,h)anthracene	4.7	U	37	4.7
91-94-1	3,3'-Dichlorobenzidine	130	U	750	130
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	370	50
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	370	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-WT Lab Sample ID: 460-72174-14

Matrix: Solid Lab File ID: U94417.D

Analysis Method: 8270C Date Collected: 03/06/2014 11:25

Extract. Method: 3541 Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.04(g) Date Analyzed: 03/11/2014 09:53

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 10.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	55		40-106
4165-62-2	Phenol-d5	63		44-104
1718-51-0	Terphenyl-d14	89		41-145
118-79-6	2,4,6-Tribromophenol	112		19-114
367-12-4	2-Fluorophenol	51		39-103
321-60-8	2-Fluorobiphenyl	80		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-WT | Lab Sample ID: 460-72174-14

Matrix: Solid | Lab File ID: U94417.D

Analysis Method: 8270C | Date Collected: 03/06/2014 11:25

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.04(g) | Date Analyzed: 03/11/2014 09:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 48560

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown alkane	6.89	2200	J
17312-62-8	Decane, 5-propyl-	7.22	2400	J N
	Unknown	7.65	1100	J
	Unknown	7.68	910	J
2245-38-7	Naphthalene, 1,6,7-trimethyl-	7.70	950	J N
	Unknown	7.73	1300	J
	Unknown alkane	8.18	1300	J
	Unknown	8.25	3700	J
529-05-5	Azulene, 7-ethyl-1,4-dimethyl-	8.45	1400	J N
55045-11-9	Tridecane, 5-propyl-	8.58	2900	J N
	Unknown	8.61	1200	J
	Unknown alkane	8.67	1900	J
	Unknown	8.70	3200	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.86	7800	J N
	Unknown alkane	8.99	1100	J
	Unknown alkane	9.18	1700	J
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	9.27	3000	J N
52663-58-8	1,1'-Biphenyl, 2,3,4',6-tetrachloro-	9.53	3300	J N
	Unknown alkane	10.00	3000	J
	Unknown	10.27	4200	J

Report Date: 13-Mar-2014 10:03:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94417.D
Lims ID: 460-72174-E-14-A Lab Sample ID: 460-72174-14
Client ID: PMP-6SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 09:53:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-014
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 10:03:38 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 13-Mar-2014 10:03:38

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.141	3.127	0.014	84	141953	25.3	
$ 6 Phenol-d5	99	4.050	4.071	-0.021	69	213301	31.5	
* 13 1,4-Dichlorobenzene-d4	152	4.423	4.430	-0.007	99	128281	40.0	
$ 25 Nitrobenzene-d5	82	4.971	4.990	-0.019	92	164640	27.4	
* 35 Naphthalene-d8	136	5.693	5.701	-0.008	99	487436	40.0	
41 2-Methylnaphthalene	142	6.408	6.412	-0.004	43	3541	0.4955	
$ 48 2-Fluorobiphenyl	172	6.776	6.785	-0.009	83	237678	40.2	
* 61 Acenaphthene-d10	164	7.451	7.451	0.0	87	173092	40.0	
$ 76 2,4,6-Tribromophenol	330	8.237	8.230	0.007	52	37241	56.0	
* 83 Phenanthrene-d10	188	8.924	8.917	0.007	87	245200	40.0	
90 Pyrene	202	10.323	10.333	-0.010	68	5802	1.05	
$ 91 Terphenyl-d14	244	10.480	10.483	-0.003	97	180136	44.3	
* 96 Chrysene-d12	240	11.672	11.690	-0.018	96	175197	40.0	
* 103 Perylene-d12	264	13.601	13.619	-0.018	98	176556	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94417.D
Lims ID: 460-72174-E-14-A Lab Sample ID: 460-72174-14
Client ID: PMP-6SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 09:53:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-014
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 10:03:38 Calib Date: 27-Feb-2014 14:00:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 13-Mar-2014 10:03:38

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown alkane						
6.891	4542977	28.9	61	0	0		0	
	17312-62-8	Decane, 5-propyl-						
7.216	4965238	31.6	61	90	45547	C13H28	184	
		Unknown						
7.653	2334074	14.8	61					M
		Unknown						
7.675	1914968	12.2	61					M
	2245-38-7	Naphthalene, 1,6,7-trimethyl-						
7.698	2005966	12.8	61	94	36213	C13H14	170	M
		Unknown						
7.731	2779011	17.7	61					M
		Unknown alkane						
8.181	850441	17.9	83	0	0		0	M
		Unknown						
8.248	2381974	50.1	83					M
	529-05-5	Azulene, 7-ethyl-1,4-dimethyl-						
8.451	922313	19.4	83	91	45639	C14H16	184	M
	55045-11-9	Tridecane, 5-propyl-						
8.575	1878837	39.5	83	87	73971	C16H34	226	M
		Unknown						
8.609	792246	16.7	83					M
		Unknown alkane						
8.665	1196787	25.2	83	0	0		0	M

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
8.699	2028144	42.7	83					M
	638-36-8	Hexadecane, 2,6,10,14-tetramethyl-						
8.857	4982779	104.8	83	94	107670	C20H42	282	M
		Unknown alkane						
8.992	697051	14.7	83	0	0		0	M
		Unknown alkane						
9.184	1086215	22.8	83	0	0		0	M
	7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-						
9.274	1887245	39.7	83	98	91791	C12H7Cl3	256	M
	52663-58-8	1,1'-Biphenyl, 2,3,4',6-tetrachloro-						
9.534	2126954	44.7	83	99	111709	C12H6Cl4	290	M
		Unknown alkane						
9.997	1928457	40.6	83	0	0		0	M
		Unknown						
10.267	812193	56.0	96					

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.429	6287258	40.0
* 83 Phenanthrene-d10	8.823	1901515	40.0
* 96 Chrysene-d12	11.672	580612	40.0

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

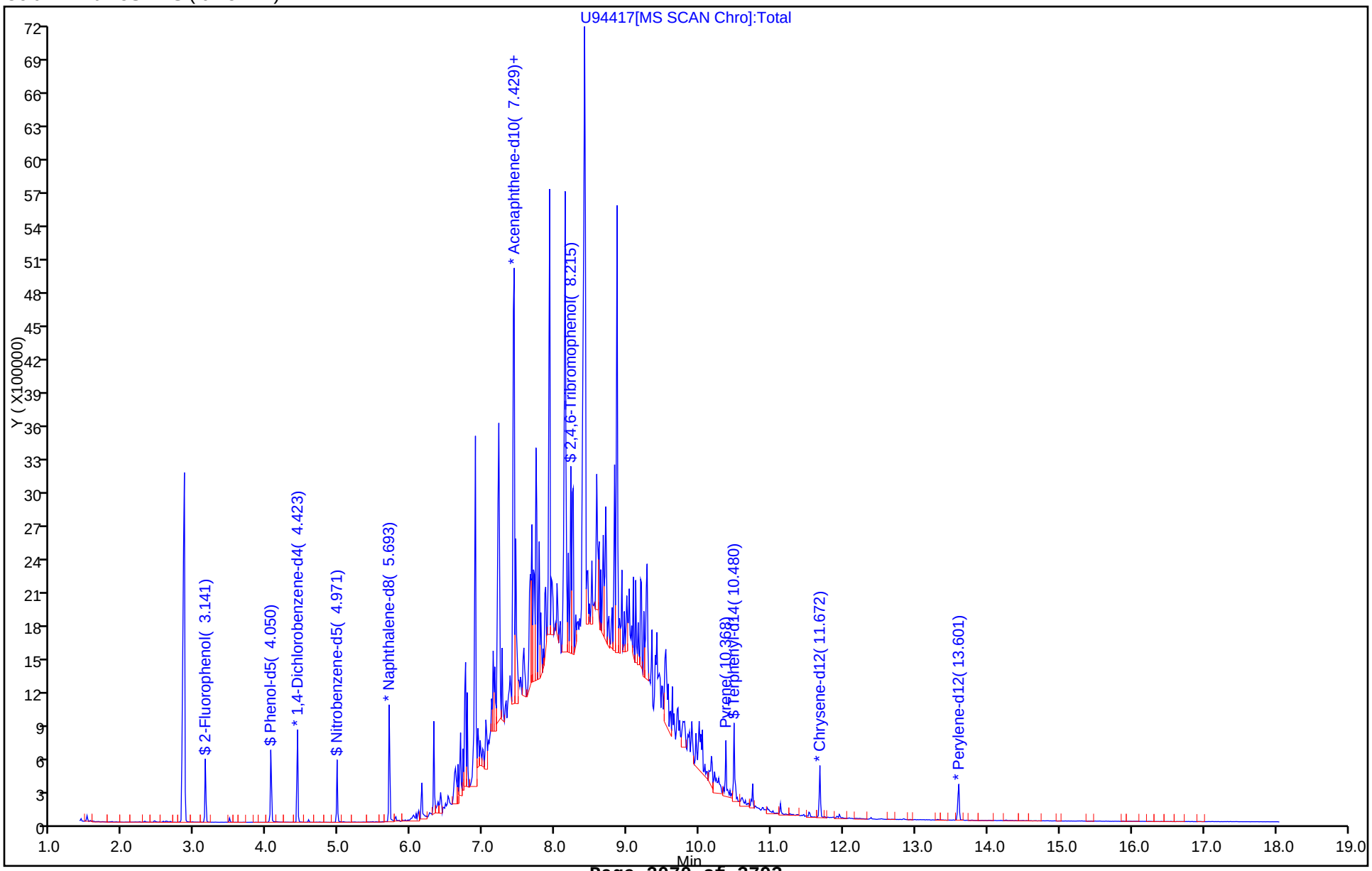
Report Date: 13-Mar-2014 10:03:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94417.D

Injection Date:	11-Mar-2014 09:53:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-72174-E-14-A	Lab Sample ID:	460-72174-14	Worklist Smp#:	14
Client ID:	PMP-6SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8270_4R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

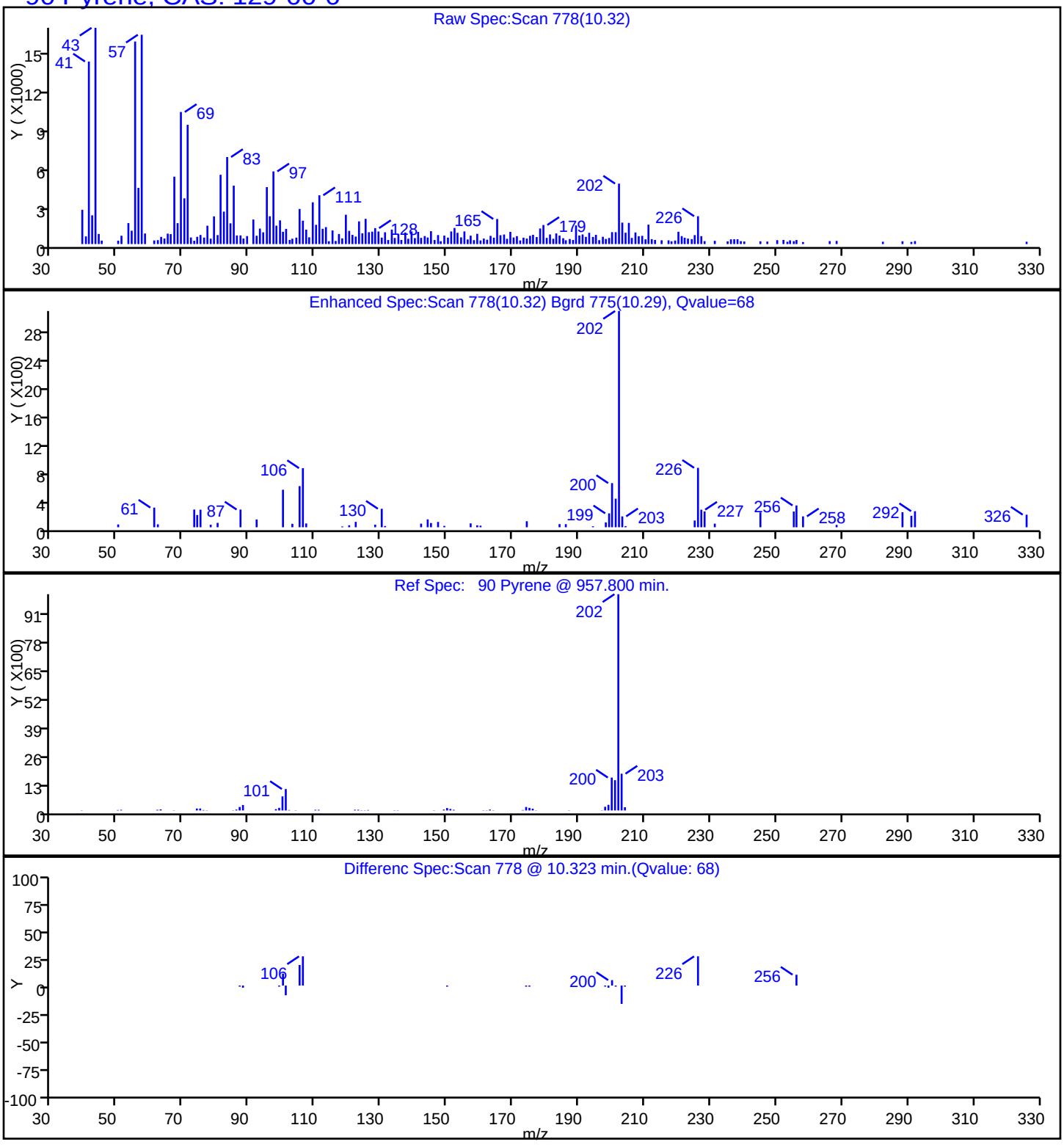


Report Date: 13-Mar-2014 10:03:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94417.D				
Injection Date:	11-Mar-2014 09:53:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-14-A	Lab Sample ID:	460-72174-14		
Client ID:	PMP-6SW-WT				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Pyrene, CAS: 129-00-0



Report Date: 13-Mar-2014 10:03:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94417.D

Injection Date: 11-Mar-2014 09:53:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-14-A Lab Sample ID: 460-72174-14

Client ID: PMP-6SW-WT

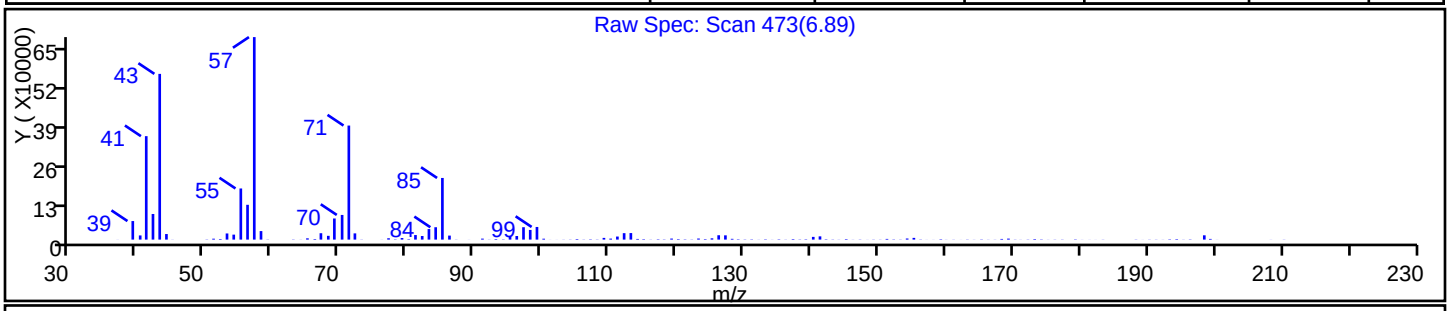
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

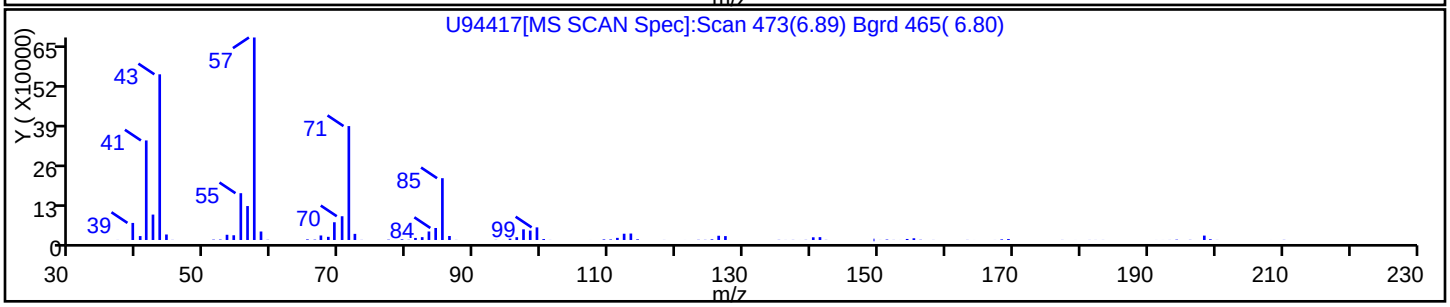
Injection Vol: 1.0 ul Dil. Factor: 1.0000

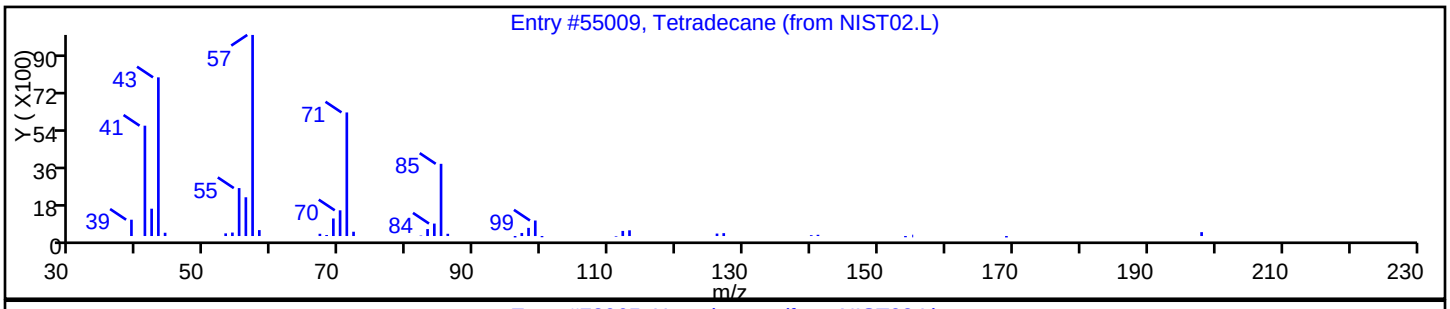
Method: 8270_4R Limit Group: SV 8270 ICAL

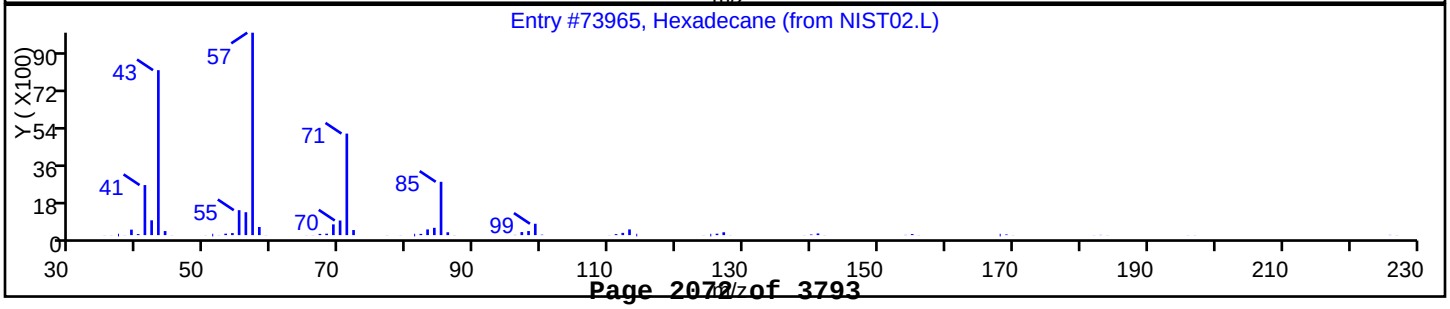
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Tetradecane	629-59-4	NIST02.L	55009	C14H30	198	96
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	86









Report Date: 13-Mar-2014 10:03:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94417.D

Injection Date: 11-Mar-2014 09:53:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-14-A Lab Sample ID: 460-72174-14

Client ID: PMP-6SW-WT

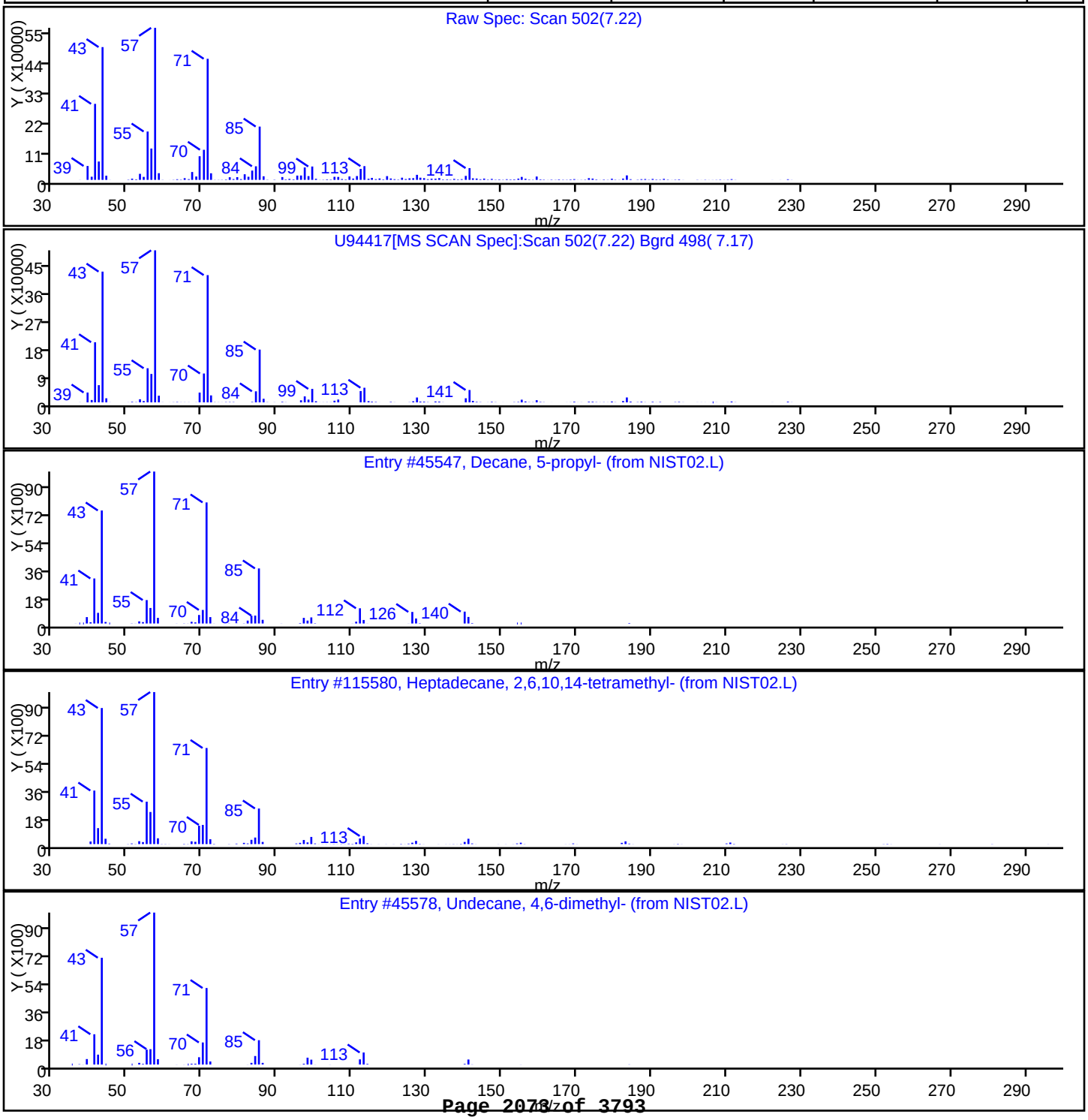
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decane, 5-propyl-	17312-62-8	NIST02.L	45547	C13H28	184	90
Heptadecane, 2,6,10,14-tetramethyl-	18344-37-1	NIST02.L	115580	C21H44	296	86
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.L	45578	C13H28	184	83



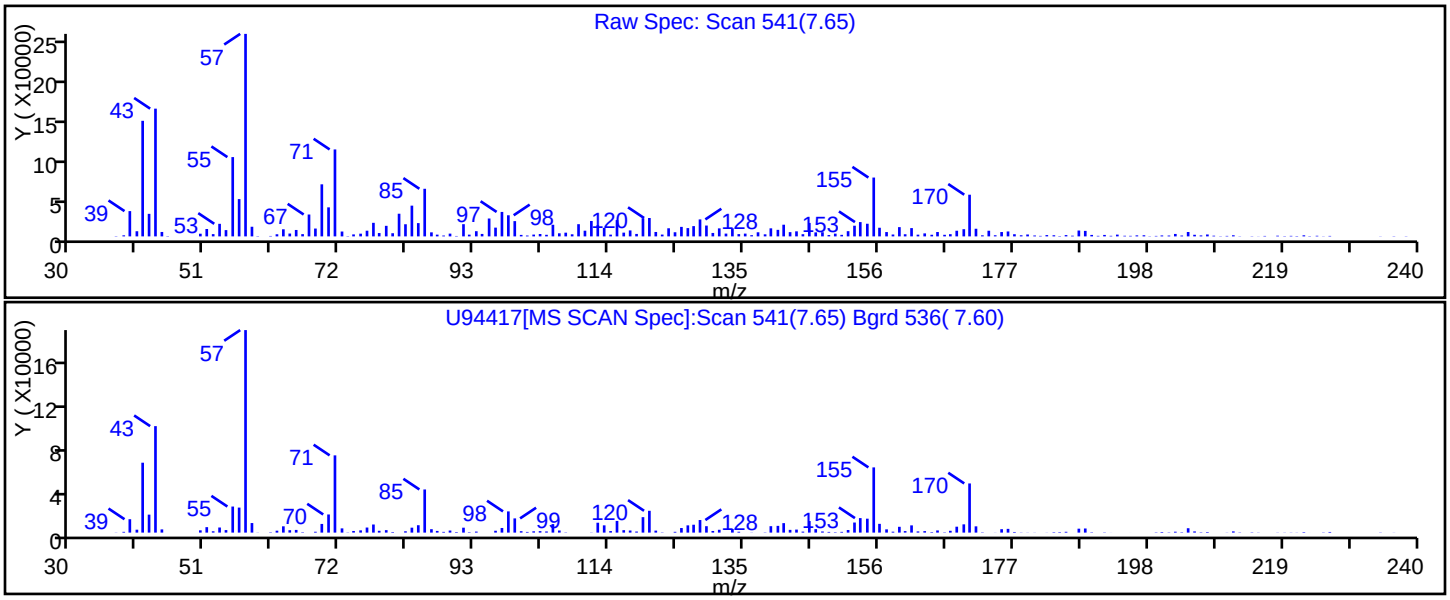
Report Date: 13-Mar-2014 10:03:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94417.D

Injection Date:	11-Mar-2014 09:53:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-14-A	Lab Sample ID:	460-72174-14		
Client ID:	PMP-6SW-WT				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



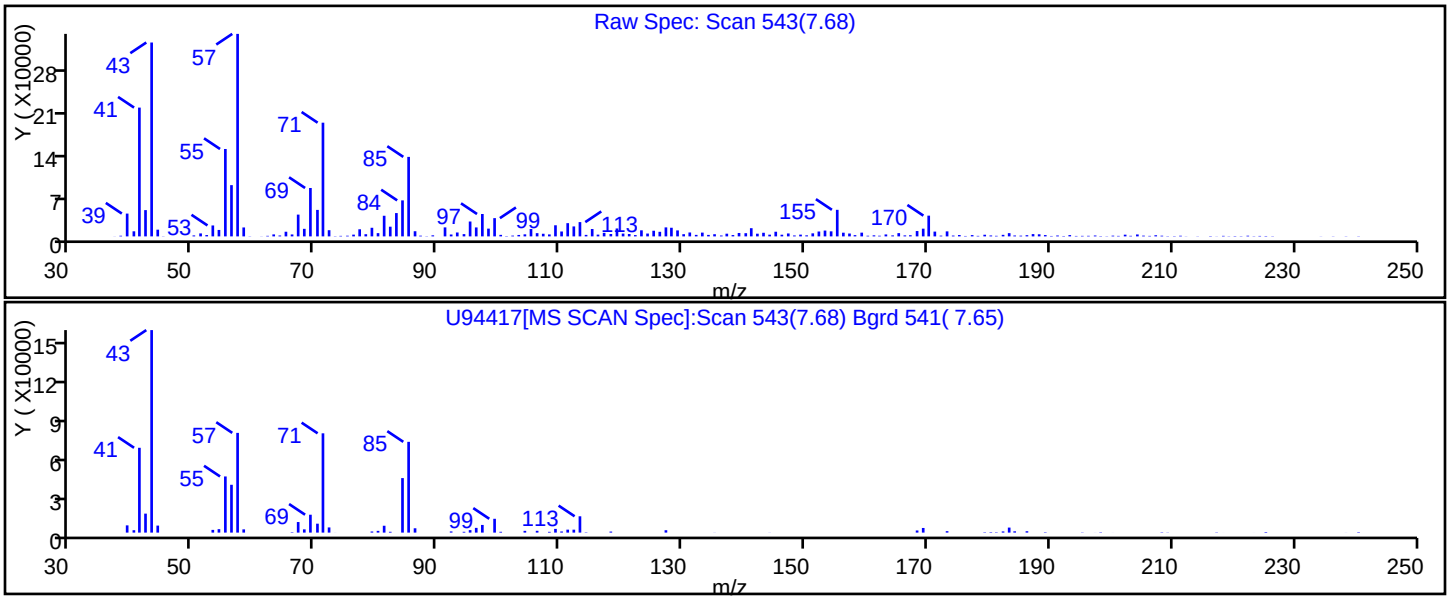
Report Date: 13-Mar-2014 10:03:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94417.D

Injection Date:	11-Mar-2014 09:53:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-14-A	Lab Sample ID:	460-72174-14		
Client ID:	PMP-6SW-WT				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 13-Mar-2014 10:03:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94417.D

Injection Date: 11-Mar-2014 09:53:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-14-A Lab Sample ID: 460-72174-14

Client ID: PMP-6SW-WT

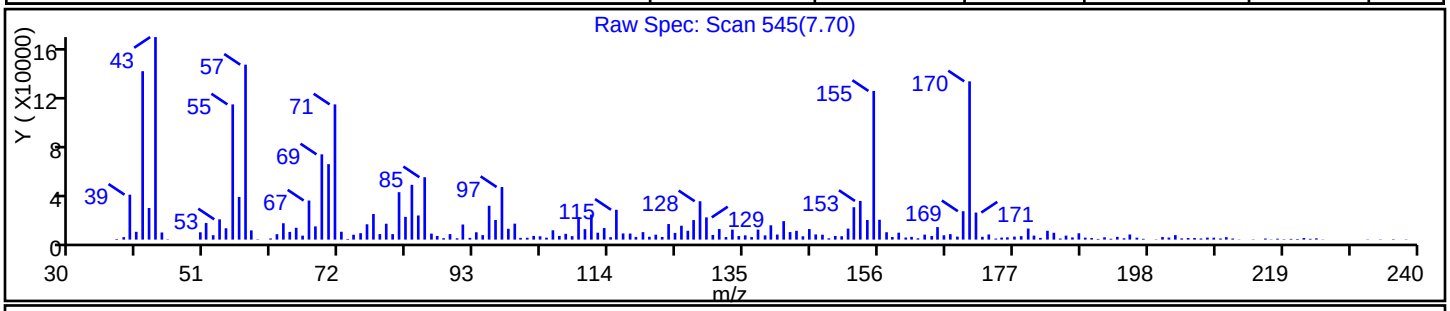
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

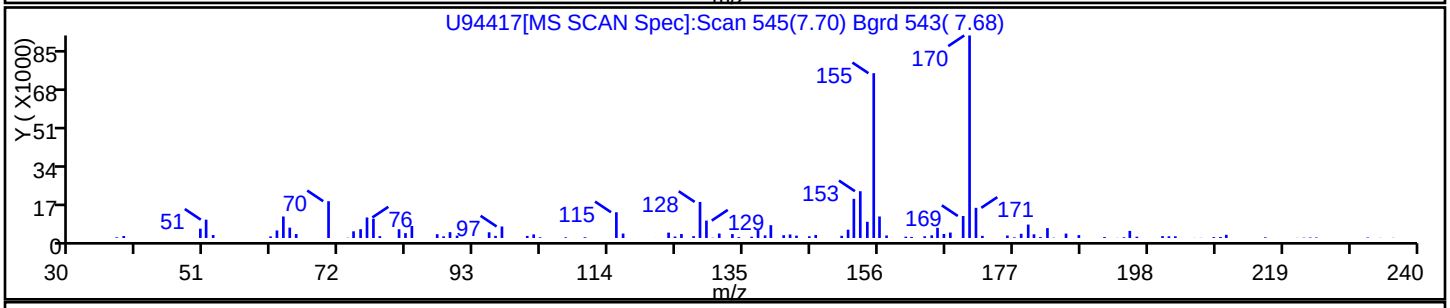
Injection Vol: 1.0 ul Dil. Factor: 1.0000

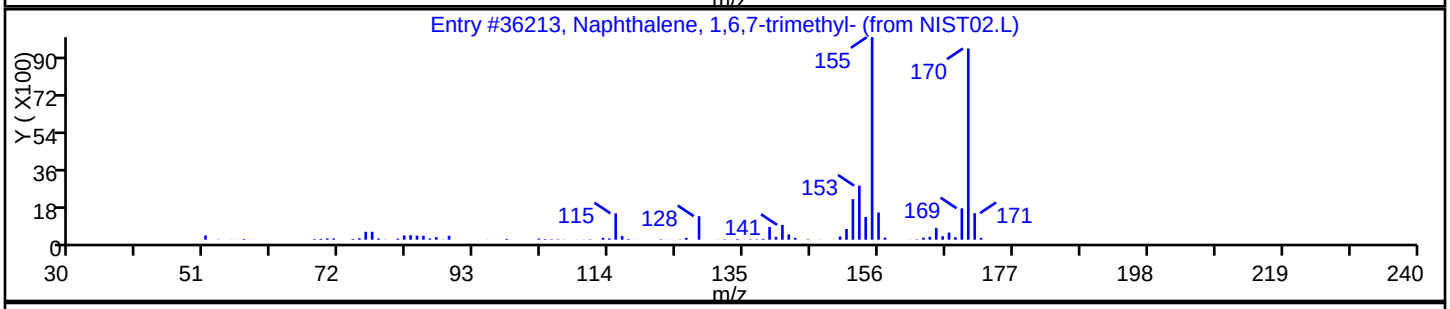
Method: 8270_4R Limit Group: SV 8270 ICAL

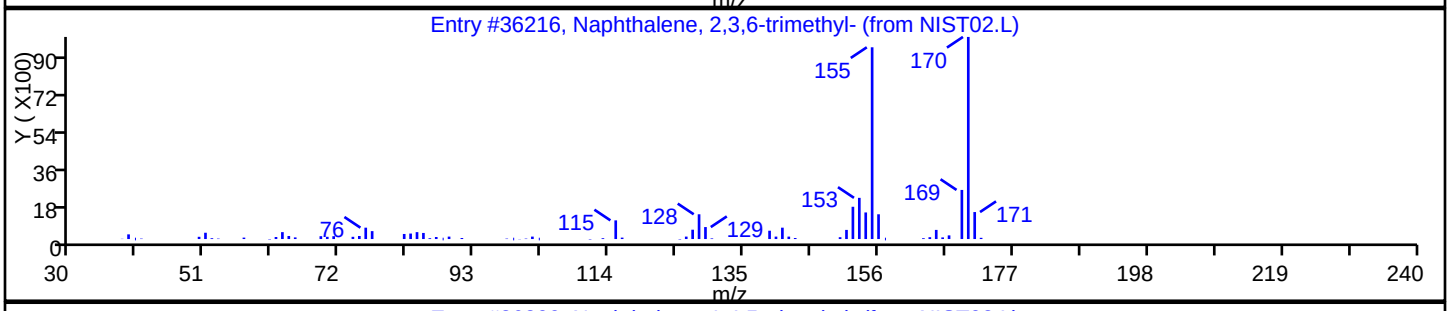
Column: Detector MS SCAN

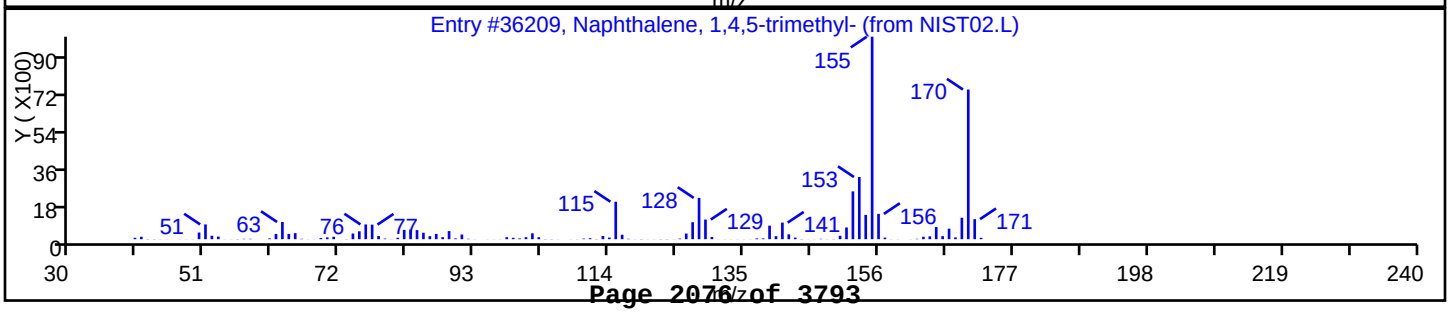
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36213	C13H14	170	94
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36216	C13H14	170	93
Naphthalene, 1,4,5-trimethyl-	2131-41-1	NIST02.L	36209	C13H14	170	91









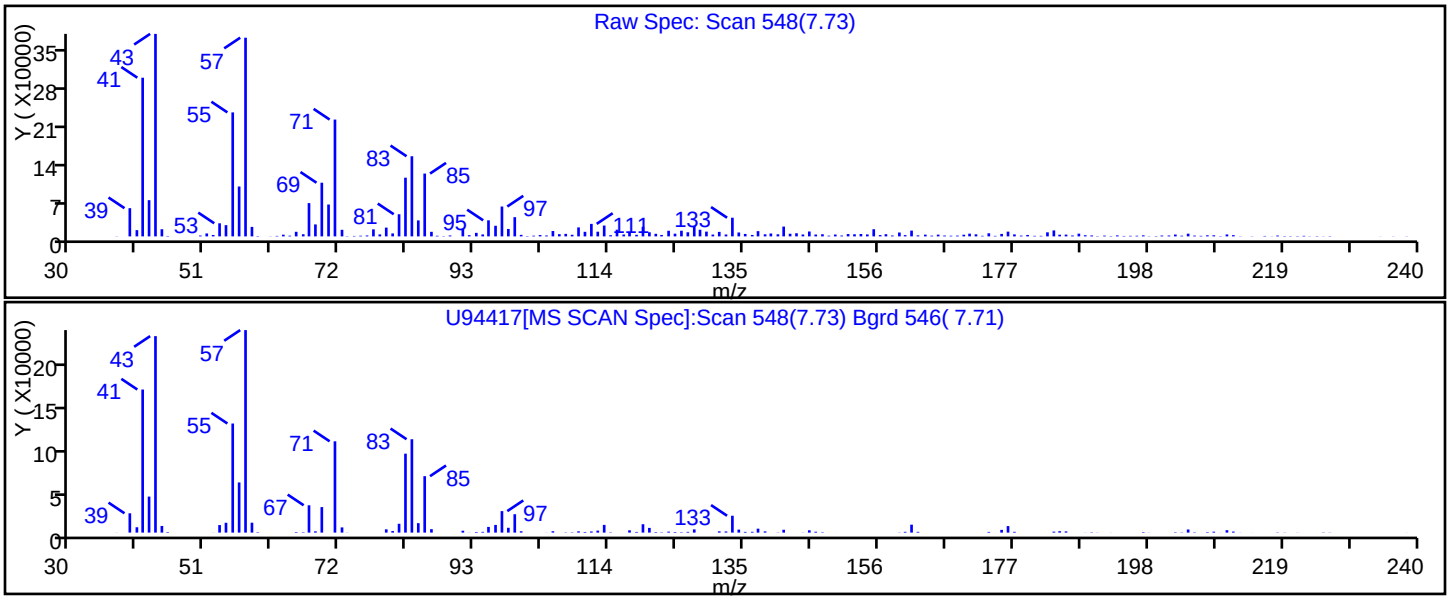


Report Date: 13-Mar-2014 10:03:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94417.D

Injection Date:	11-Mar-2014 09:53:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-14-A	Lab Sample ID:	460-72174-14		
Client ID:	PMP-6SW-WT				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 13-Mar-2014 10:03:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94417.D

Injection Date: 11-Mar-2014 09:53:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-14-A Lab Sample ID: 460-72174-14

Client ID: PMP-6SW-WT

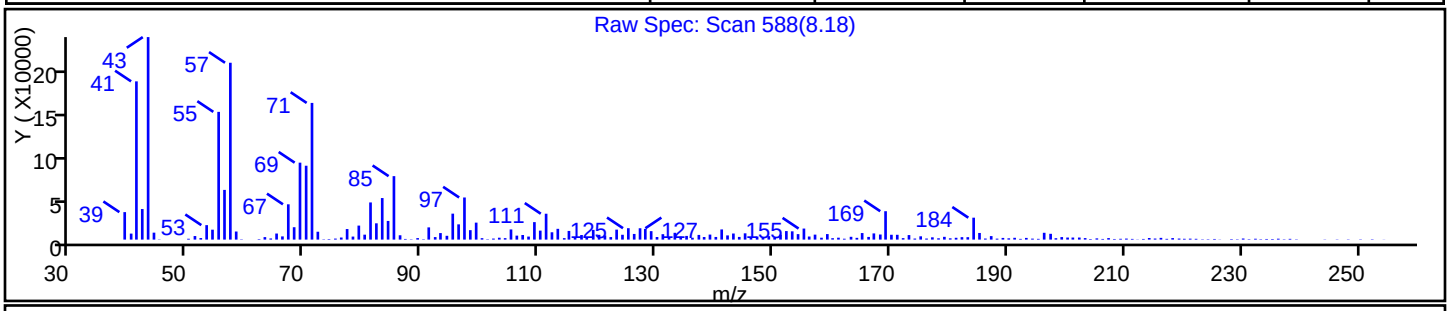
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

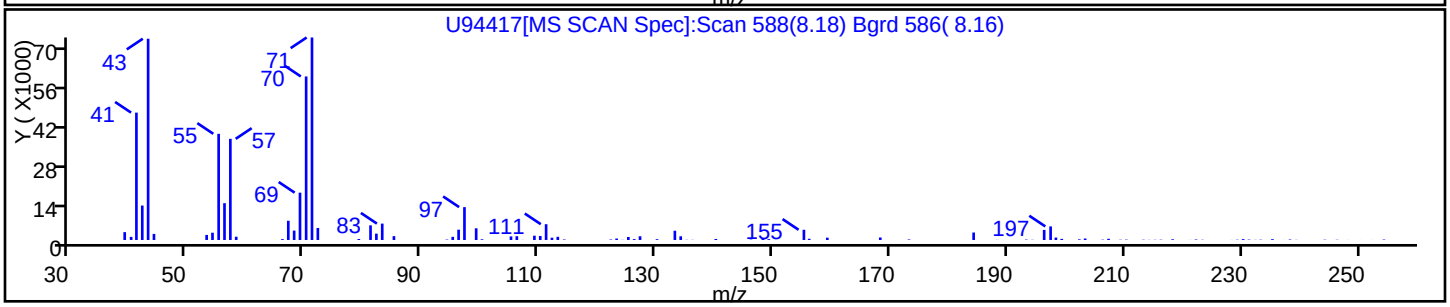
Injection Vol: 1.0 ul Dil. Factor: 1.0000

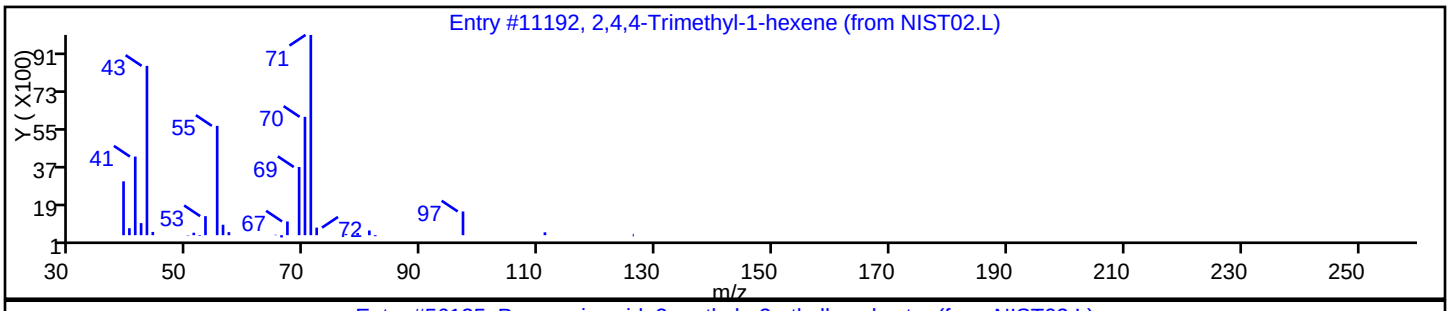
Method: 8270_4R Limit Group: SV 8270 ICAL

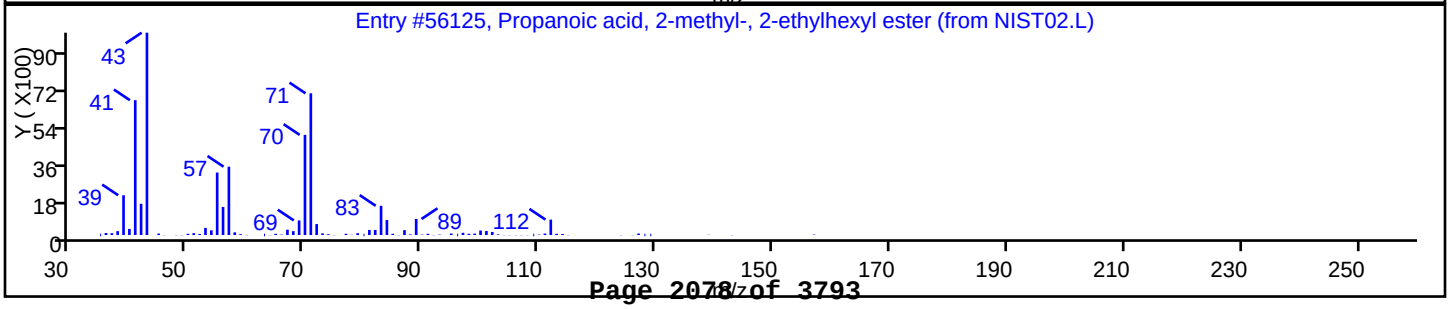
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
2,4,4-Trimethyl-1-hexene	51174-12-0	NIST02.L	11192	C9H18	126	72
Propanoic acid, 2-methyl-, 2-ethylhexyl	35061-61-1	NIST02.L	56125	C12H24O2	200	64









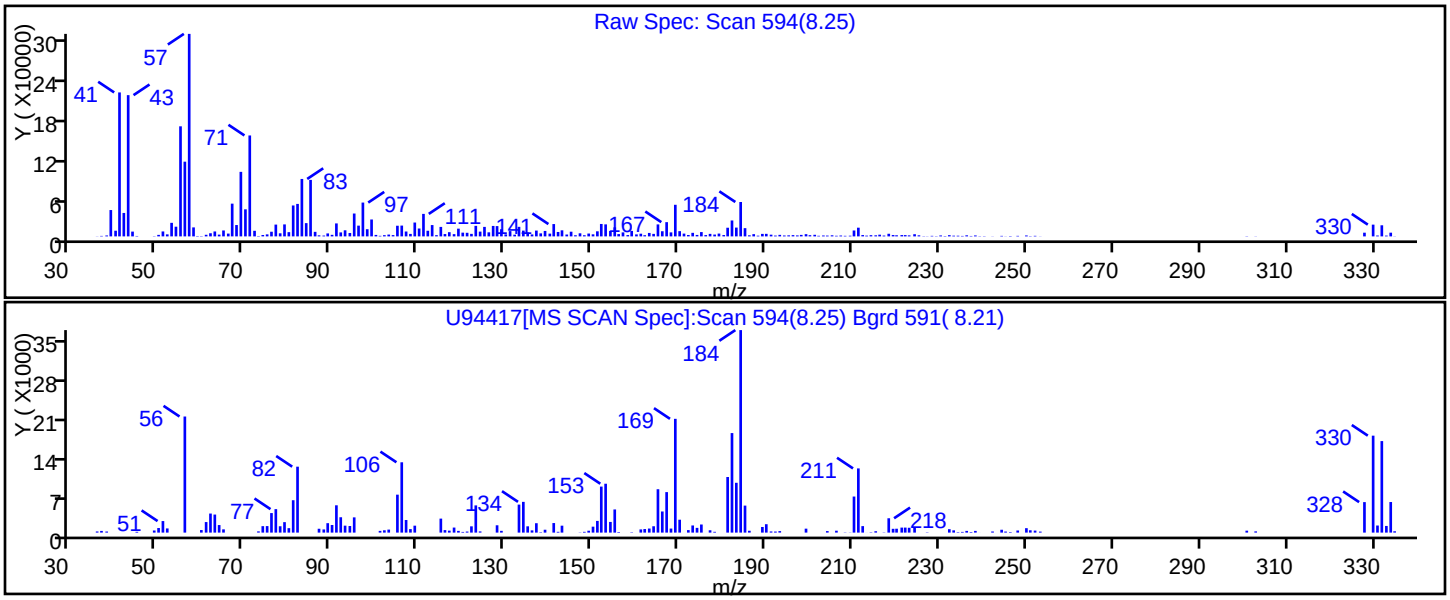
Report Date: 13-Mar-2014 10:03:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94417.D

Injection Date:	11-Mar-2014 09:53:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-14-A	Lab Sample ID:	460-72174-14		
Client ID:	PMP-6SW-WT				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 13-Mar-2014 10:03:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94417.D

Injection Date: 11-Mar-2014 09:53:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-14-A Lab Sample ID: 460-72174-14

Client ID: PMP-6SW-WT

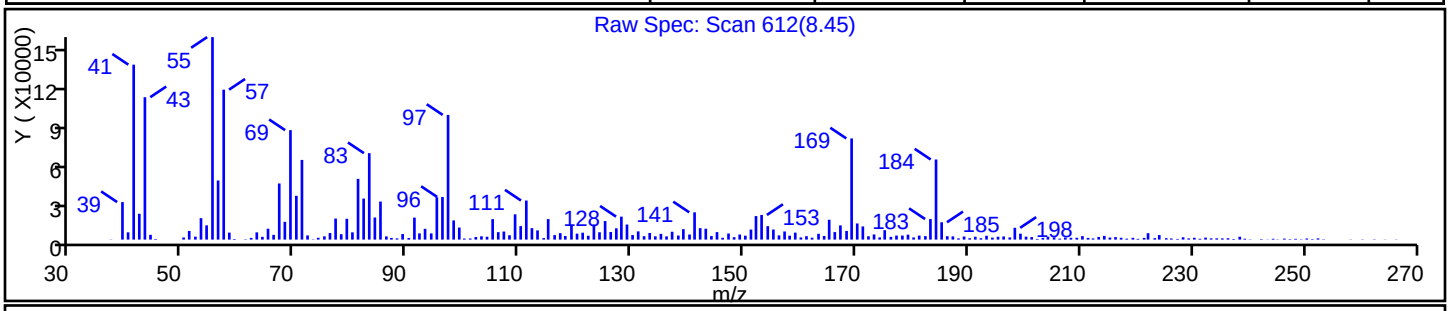
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

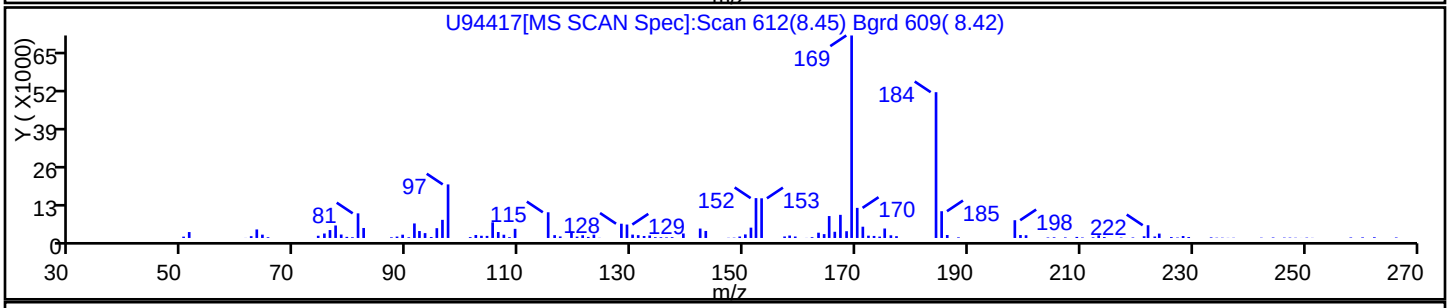
Injection Vol: 1.0 ul Dil. Factor: 1.0000

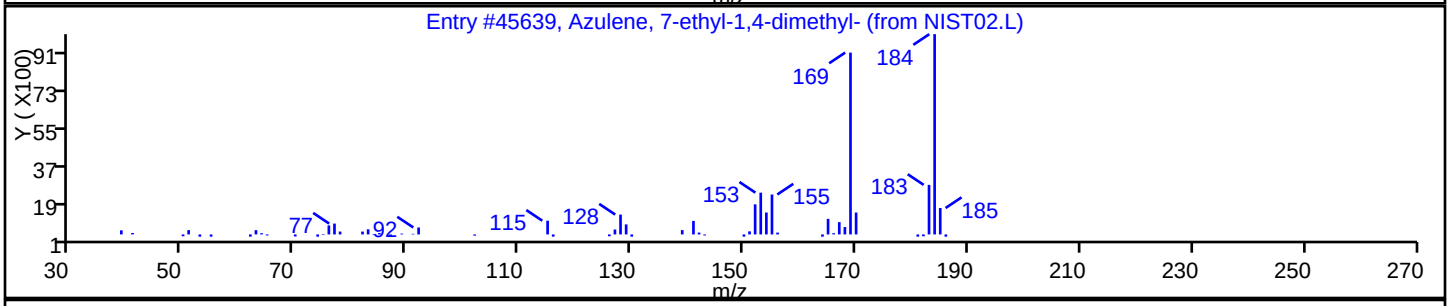
Method: 8270_4R Limit Group: SV 8270 ICAL

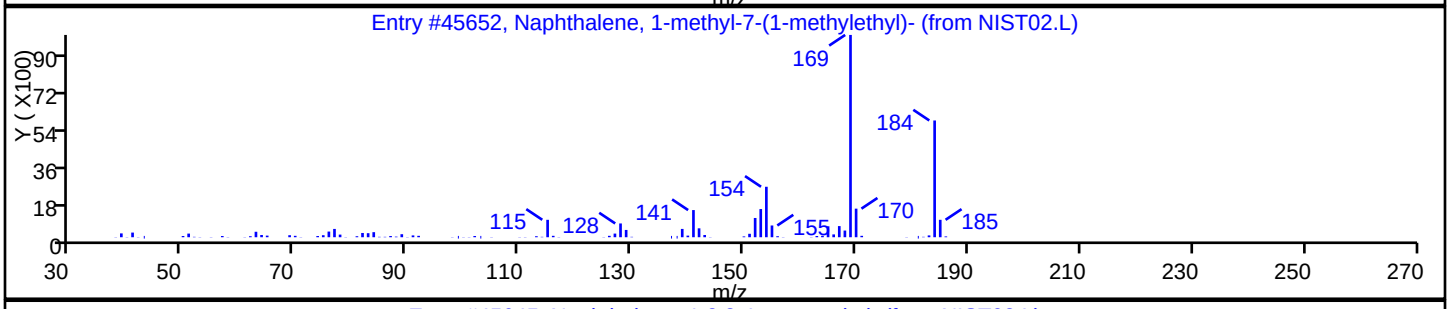
Column: Detector MS SCAN

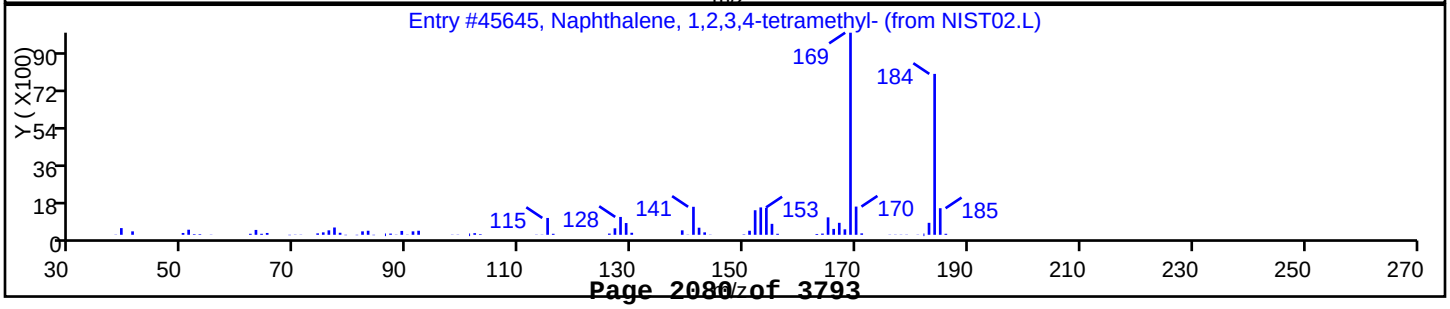
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Azulene, 7-ethyl-1,4-dimethyl-	529-05-5	NIST02.L	45639	C14H16	184	91
Naphthalene, 1-methyl-7-(1-methylethyl)-	490-65-3	NIST02.L	45652	C14H16	184	90
Naphthalene, 1,2,3,4-tetramethyl-	3031-15-0	NIST02.L	45645	C14H16	184	76











Report Date: 13-Mar-2014 10:03:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94417.D

Injection Date: 11-Mar-2014 09:53:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-14-A Lab Sample ID: 460-72174-14

Client ID: PMP-6SW-WT

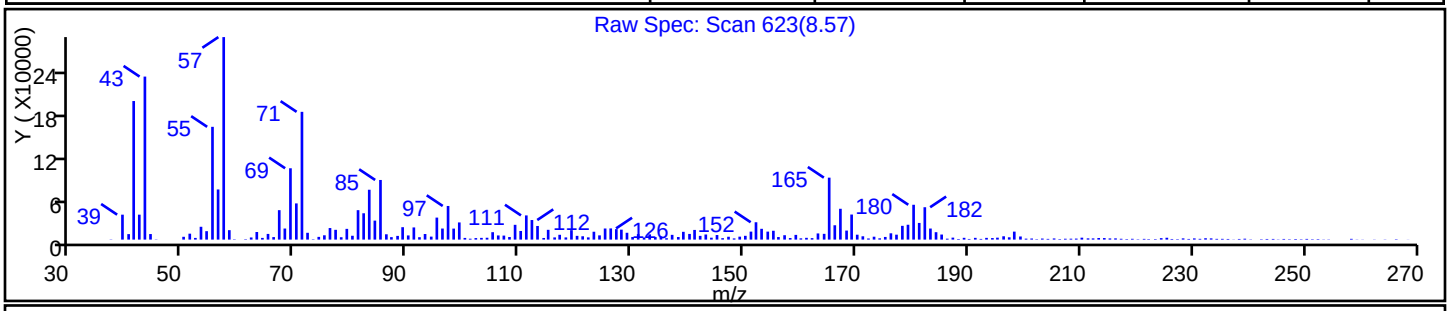
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

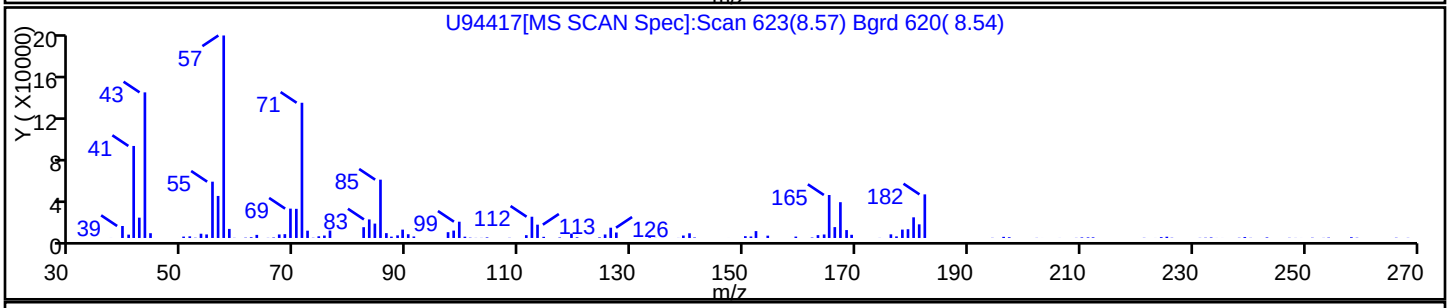
Injection Vol: 1.0 ul Dil. Factor: 1.0000

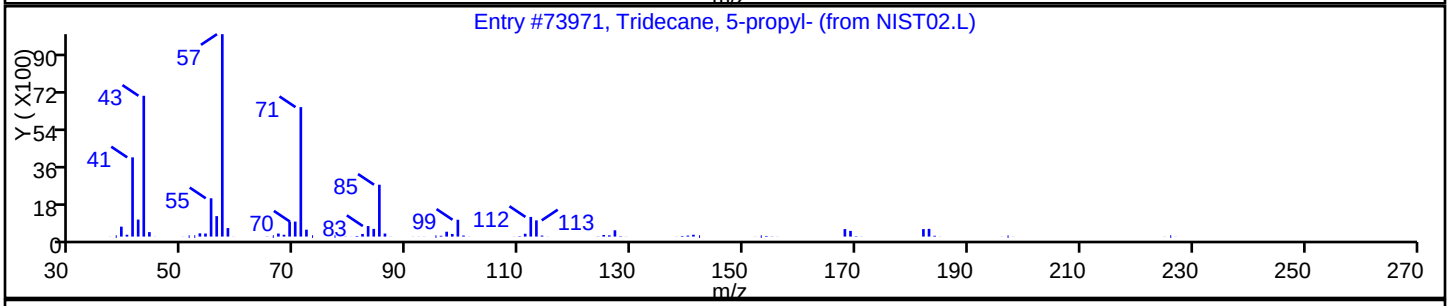
Method: 8270_4R Limit Group: SV 8270 ICAL

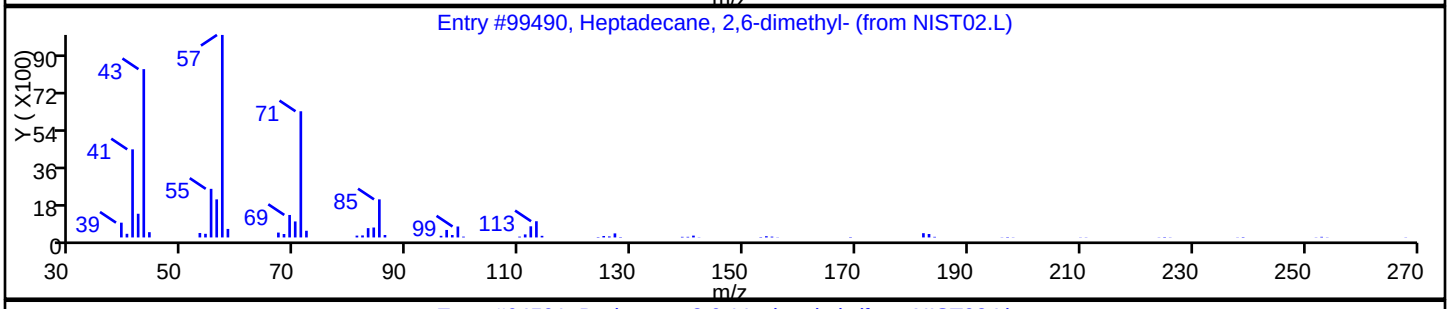
Column: Detector MS SCAN

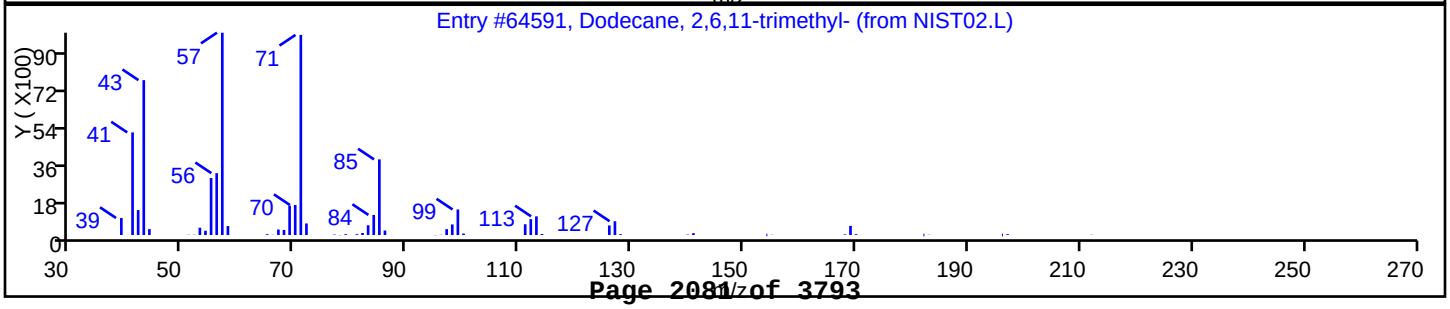
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tridecane, 5-propyl-	55045-11-9	NIST02.L	73971	C16H34	226	87
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	C19H40	268	87
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64591	C15H32	212	70











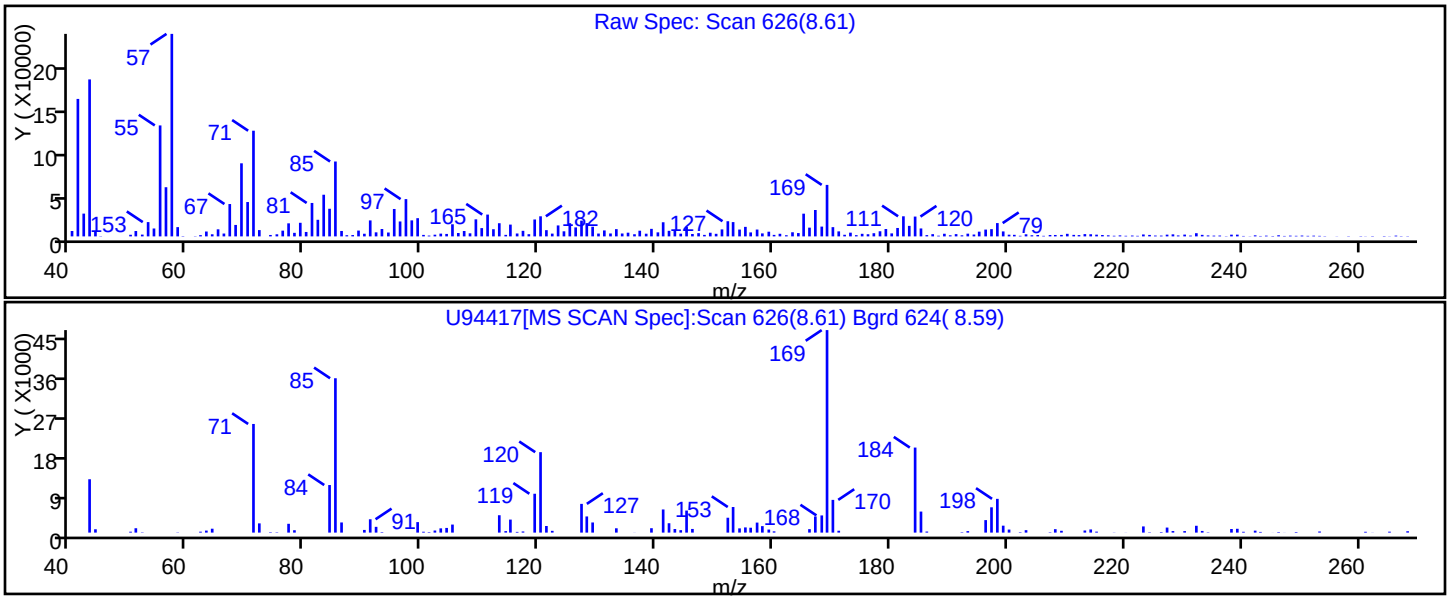
Report Date: 13-Mar-2014 10:03:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94417.D

Injection Date:	11-Mar-2014 09:53:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-14-A	Lab Sample ID:	460-72174-14		
Client ID:	PMP-6SW-WT				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 13-Mar-2014 10:03:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94417.D

Injection Date: 11-Mar-2014 09:53:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-14-A Lab Sample ID: 460-72174-14

Client ID: PMP-6SW-WT

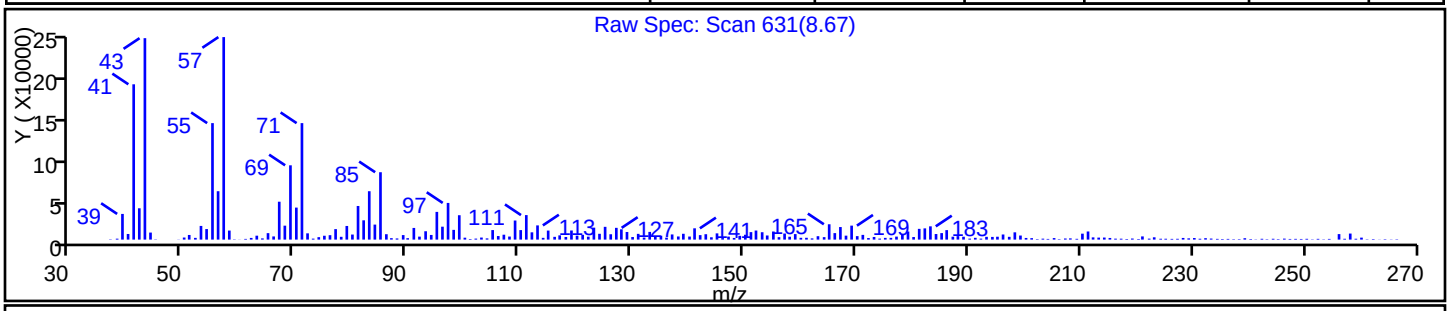
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

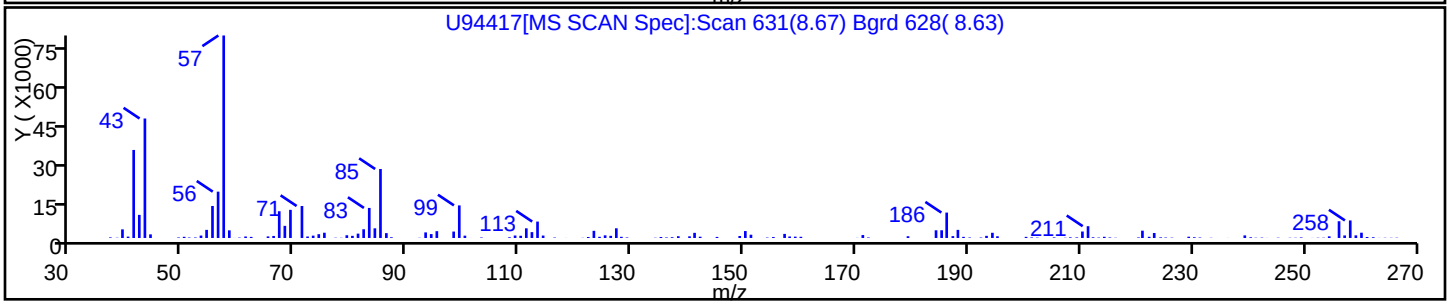
Injection Vol: 1.0 ul Dil. Factor: 1.0000

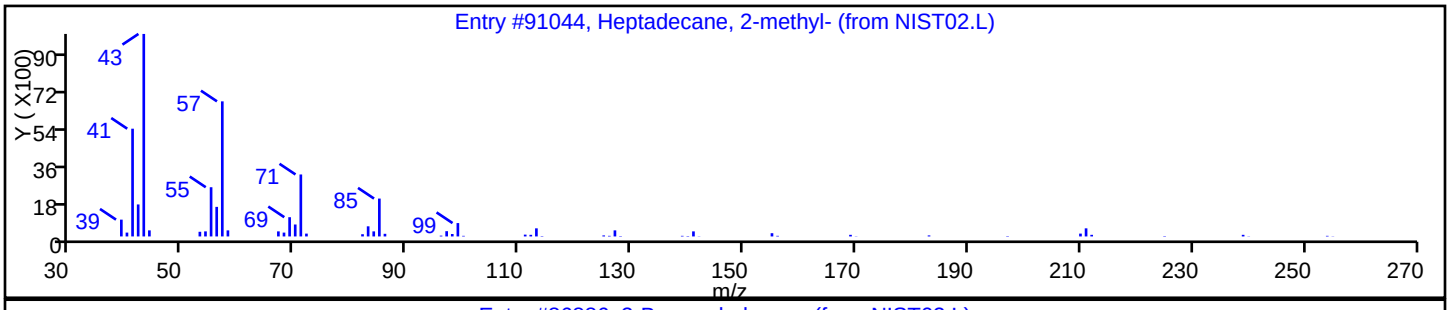
Method: 8270_4R Limit Group: SV 8270 ICAL

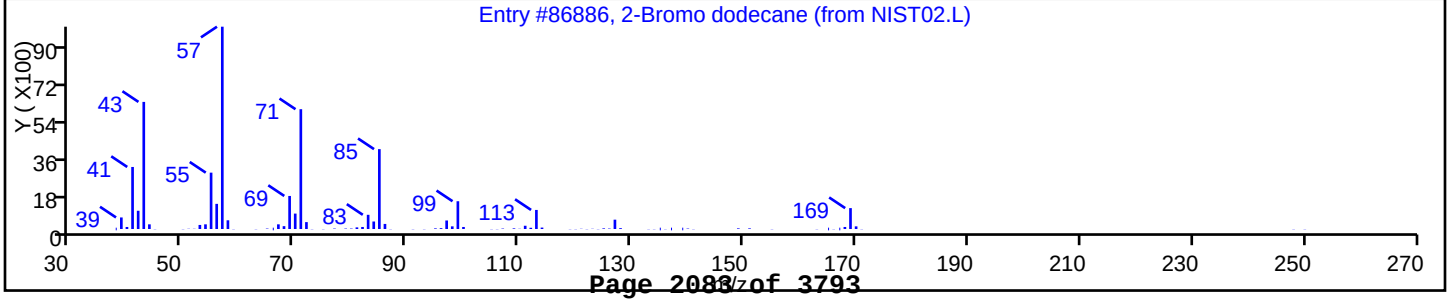
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Heptadecane, 2-methyl-	1560-89-0	NIST02.L	91044	C18H38	254	64
2-Bromo dodecane	13187-99-0	NIST02.L	86886	C12H25Br	248	55









Report Date: 13-Mar-2014 10:03:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94417.D

Injection Date: 11-Mar-2014 09:53:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-14-A Lab Sample ID: 460-72174-14

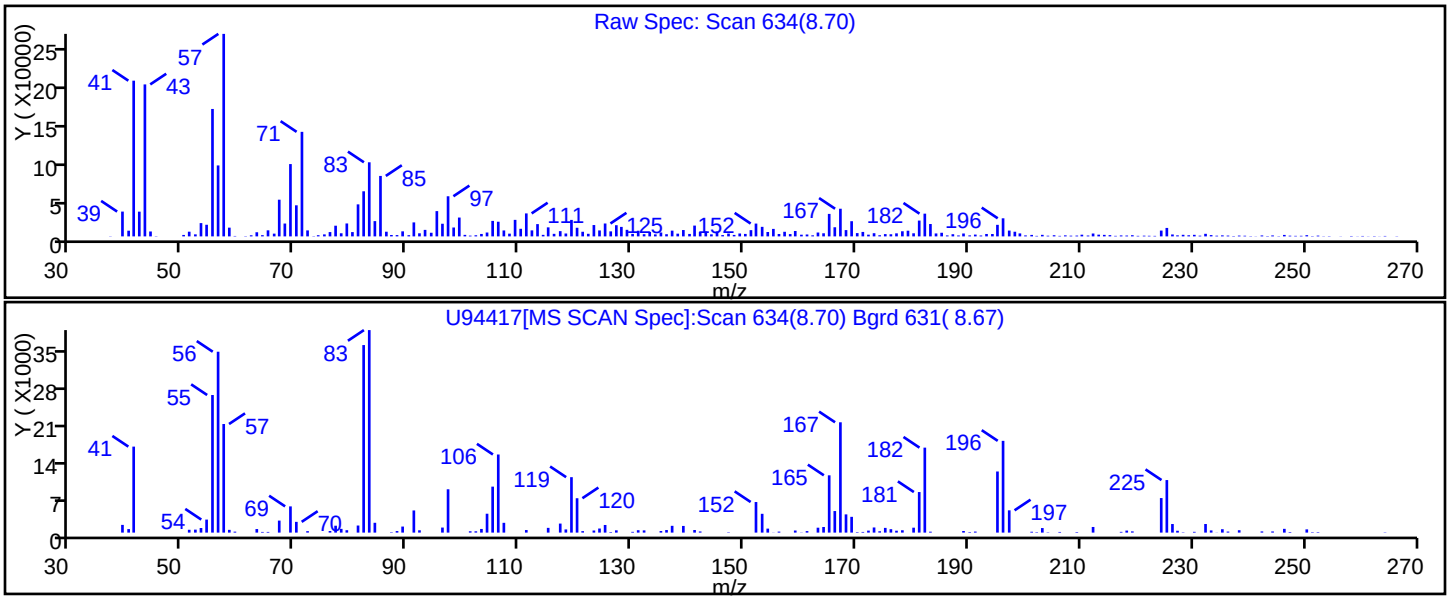
Client ID: PMP-6SW-WT

Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Solution Number of Library Matches Found above the Threshold: 80 Detector MS SCAN



Report Date: 13-Mar-2014 10:03:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94417.D

Injection Date: 11-Mar-2014 09:53:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-14-A Lab Sample ID: 460-72174-14

Client ID: PMP-6SW-WT

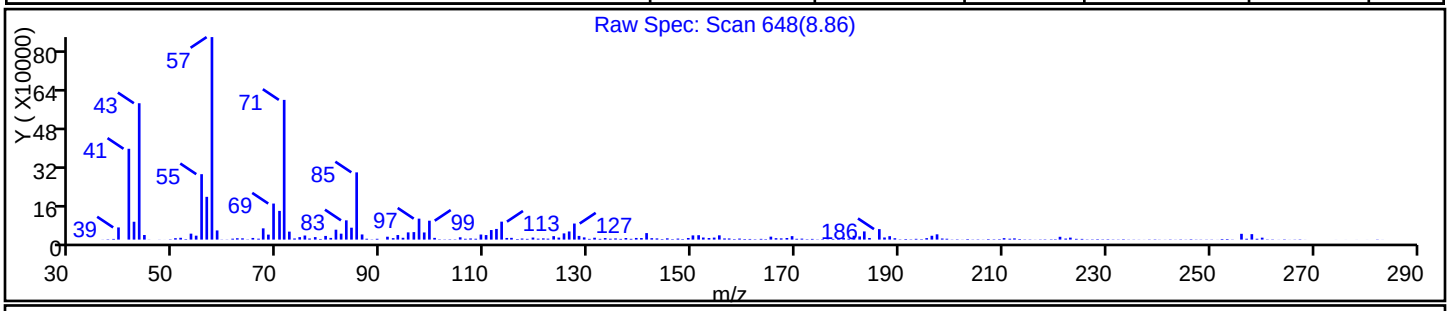
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

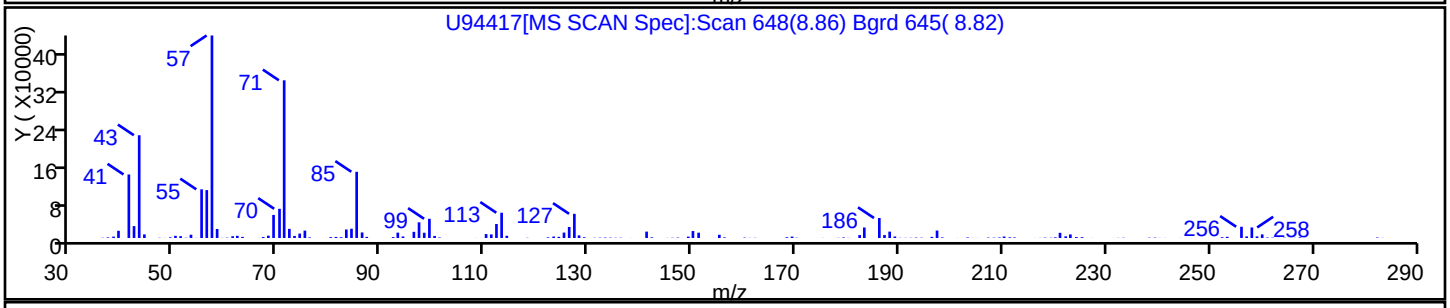
Injection Vol: 1.0 ul Dil. Factor: 1.0000

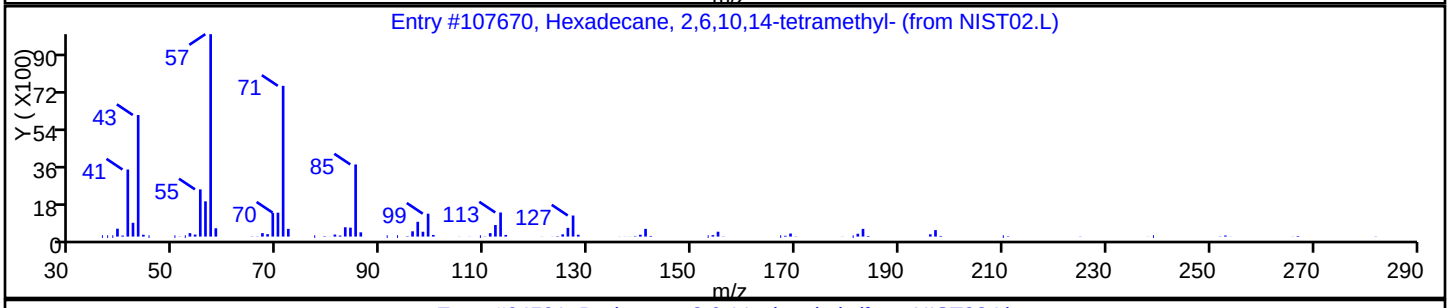
Method: 8270_4R Limit Group: SV 8270 ICAL

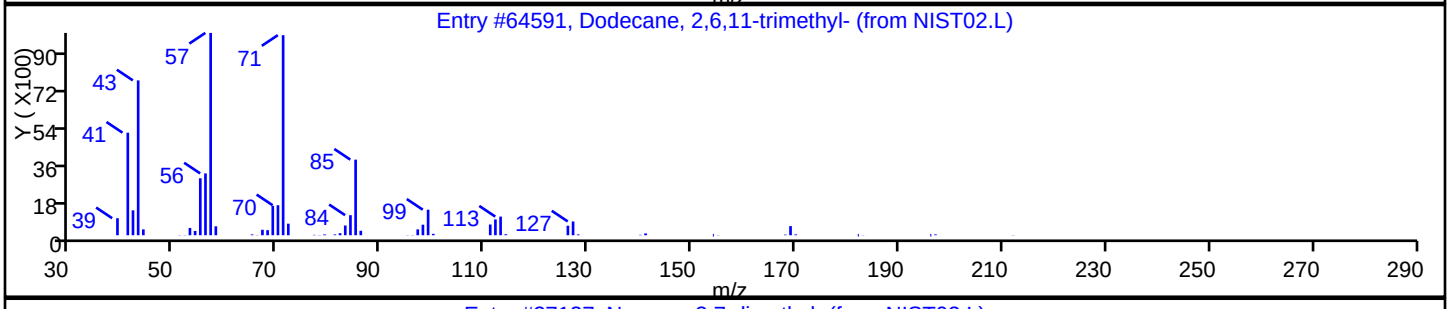
Column: Detector MS SCAN

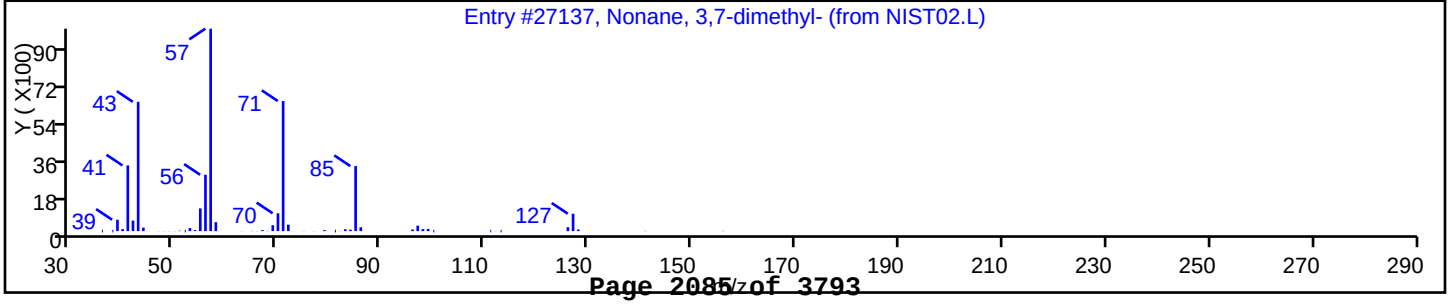
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	C20H42	282	94
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64591	C15H32	212	91
Nonane, 3,7-dimethyl-	17302-32-8	NIST02.L	27137	C11H24	156	81











Report Date: 13-Mar-2014 10:03:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94417.D

Injection Date: 11-Mar-2014 09:53:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-14-A Lab Sample ID: 460-72174-14

Client ID: PMP-6SW-WT

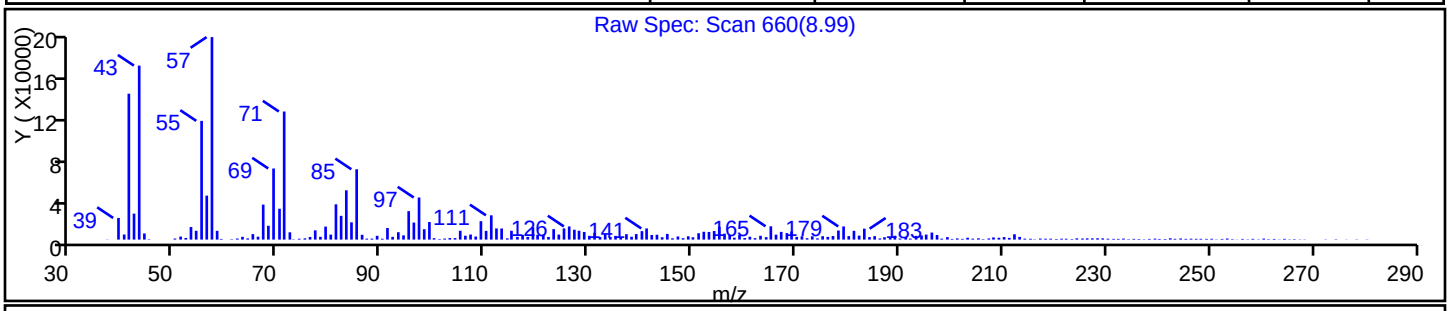
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

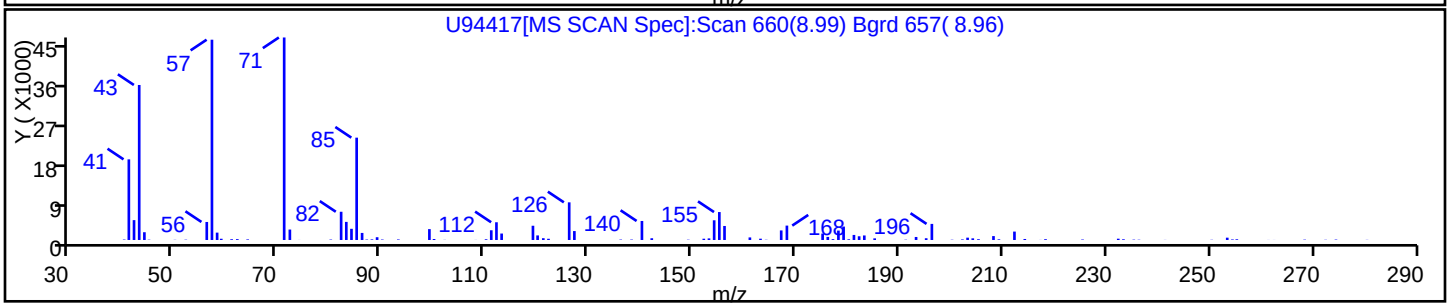
Injection Vol: 1.0 ul Dil. Factor: 1.0000

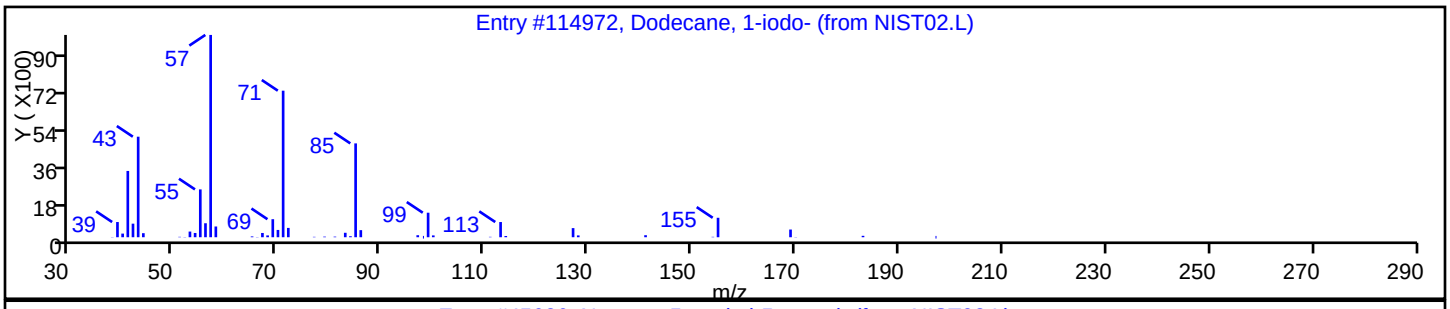
Method: 8270_4R Limit Group: SV 8270 ICAL

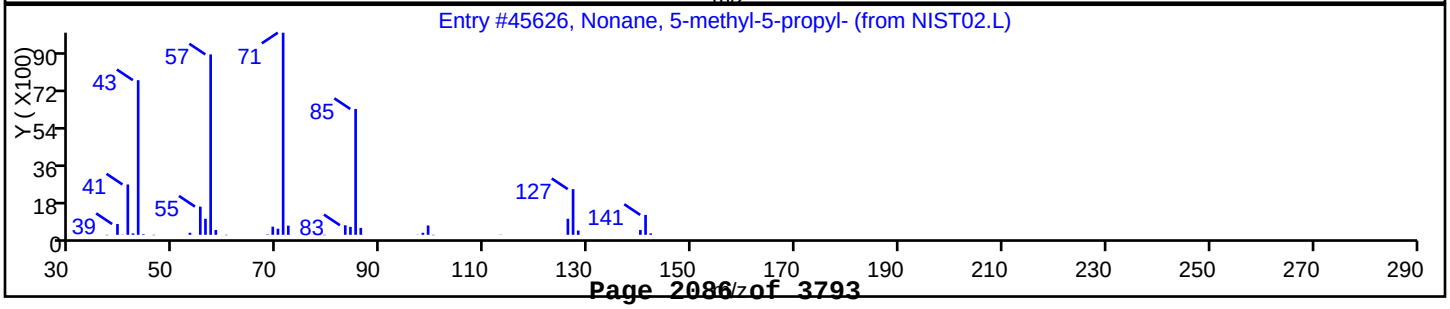
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Dodecane, 1-iodo-	4292-19-7	NIST02.L	114972	C12H25I	296	59
Nonane, 5-methyl-5-propyl-	17312-75-3	NIST02.L	45626	C13H28	184	59









Report Date: 13-Mar-2014 10:03:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94417.D

Injection Date: 11-Mar-2014 09:53:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-14-A Lab Sample ID: 460-72174-14

Client ID: PMP-6SW-WT

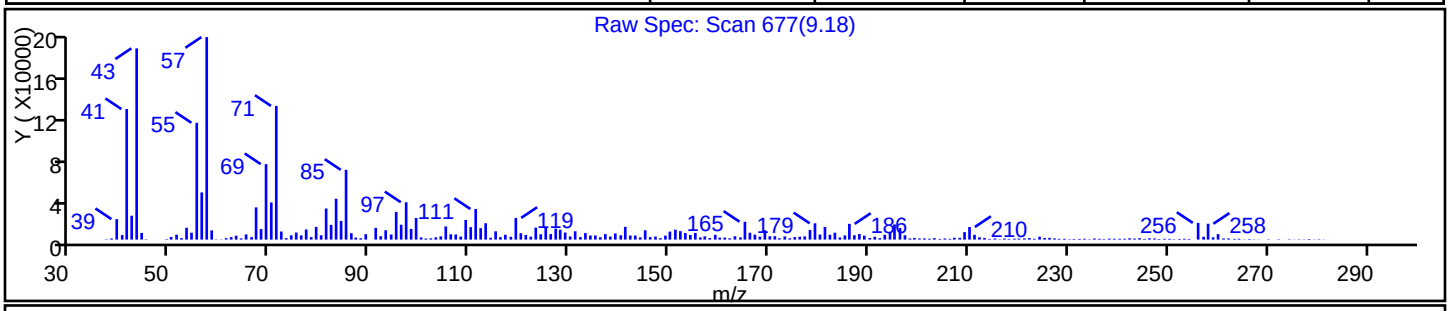
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

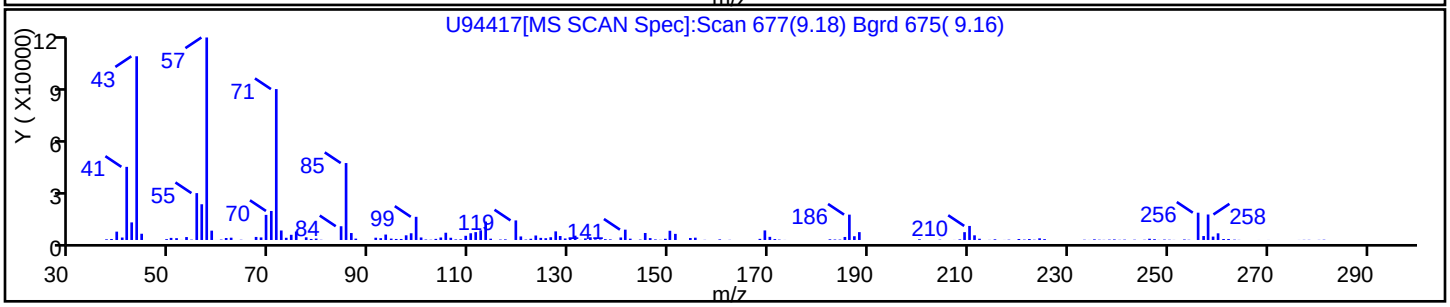
Injection Vol: 1.0 ul Dil. Factor: 1.0000

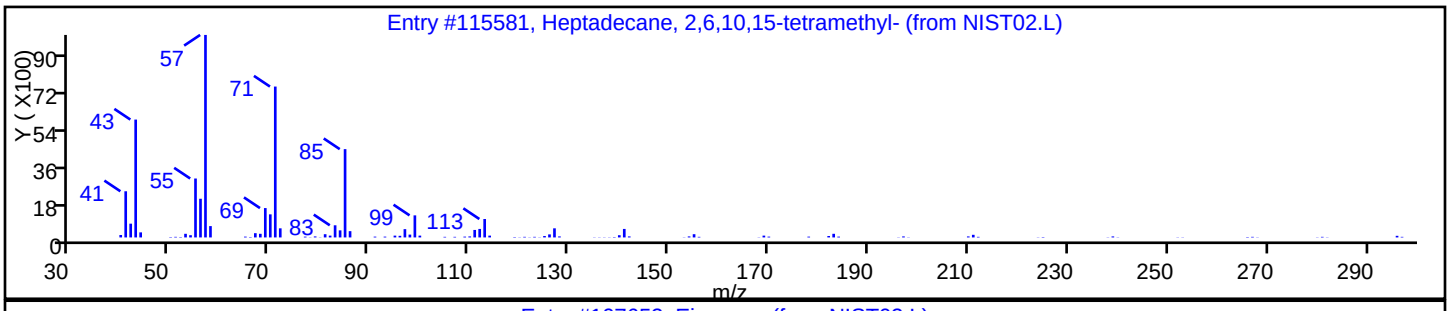
Method: 8270_4R Limit Group: SV 8270 ICAL

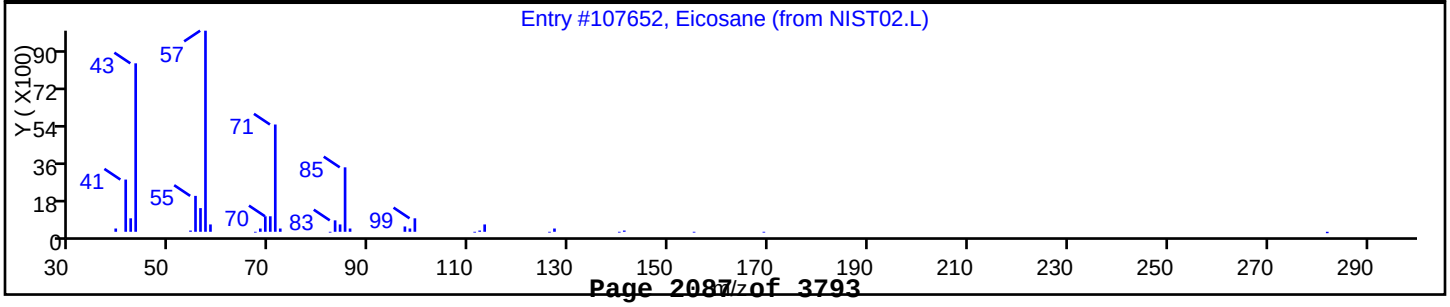
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	C21H44	296	62
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	62









Report Date: 13-Mar-2014 10:03:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94417.D

Injection Date: 11-Mar-2014 09:53:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-14-A Lab Sample ID: 460-72174-14

Client ID: PMP-6SW-WT

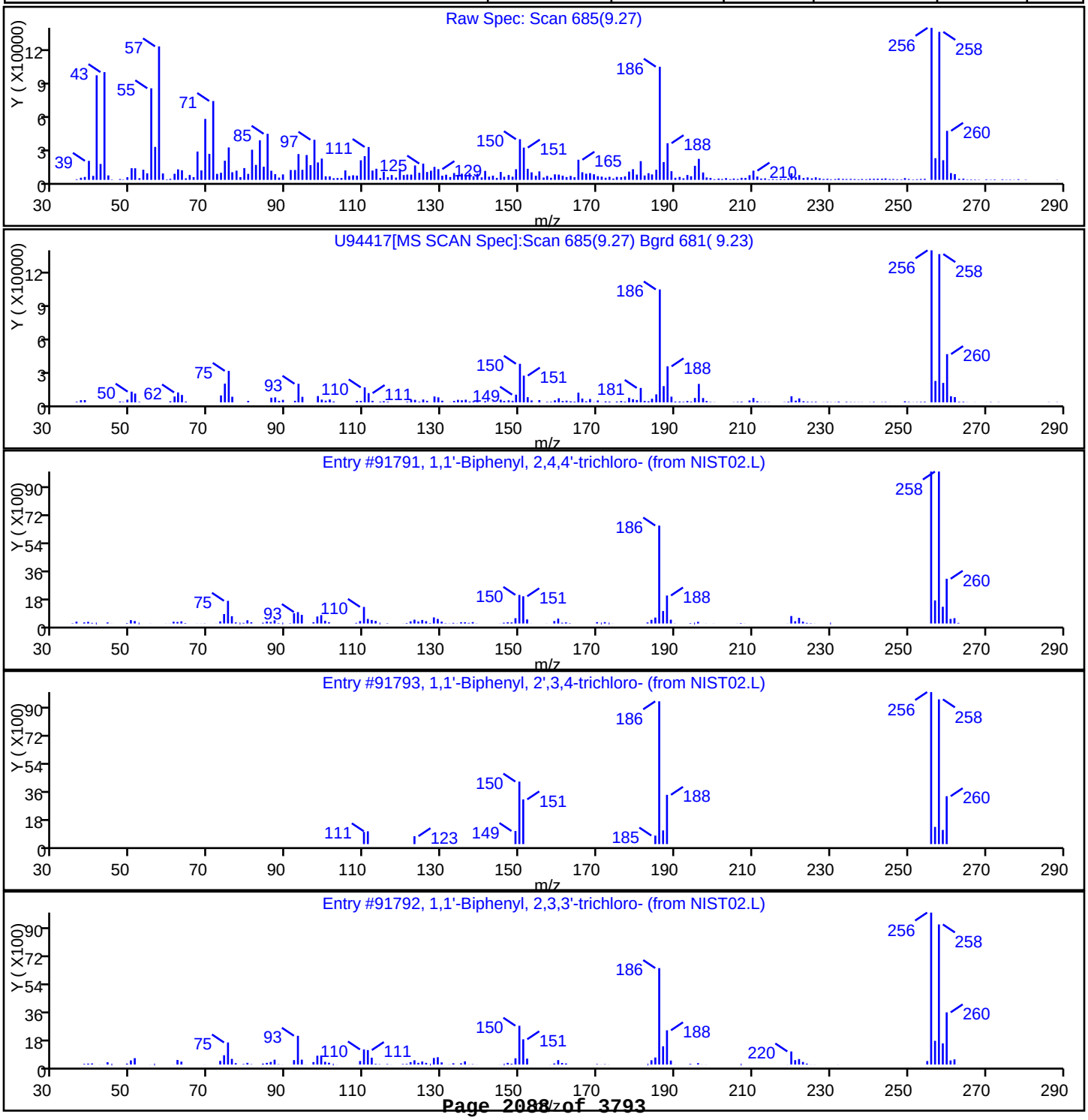
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	98
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	97
1,1'-Biphenyl, 2,3,3'-trichloro-	38444-84-7	NIST02.L	91792	C12H7Cl3	256	94



Report Date: 13-Mar-2014 10:03:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94417.D

Injection Date: 11-Mar-2014 09:53:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-14-A Lab Sample ID: 460-72174-14

Client ID: PMP-6SW-WT

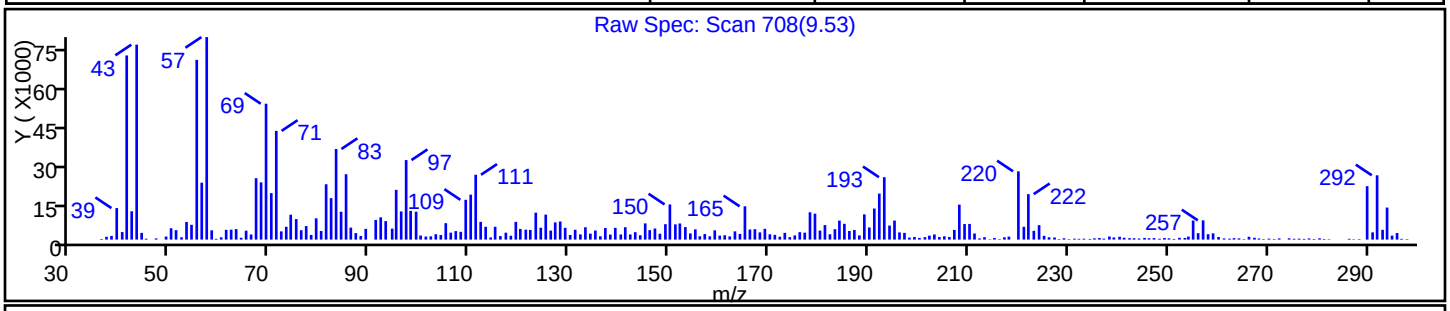
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

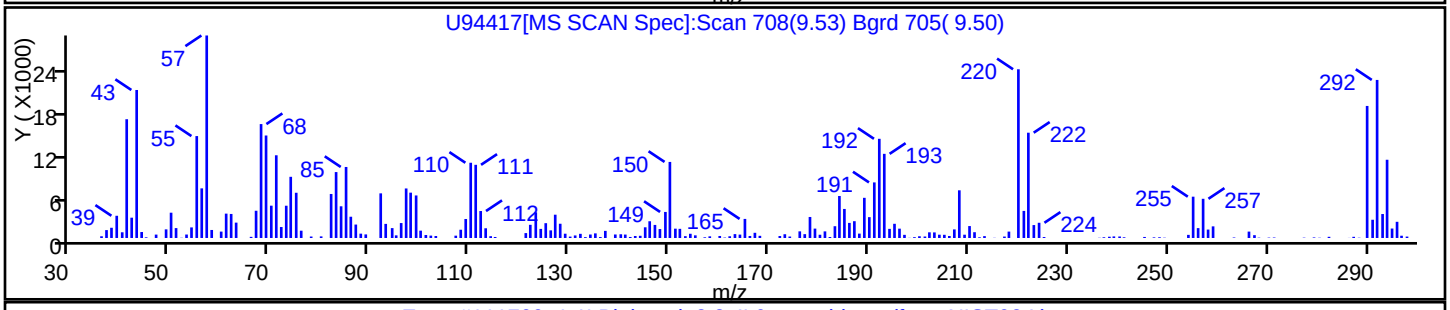
Injection Vol: 1.0 ul Dil. Factor: 1.0000

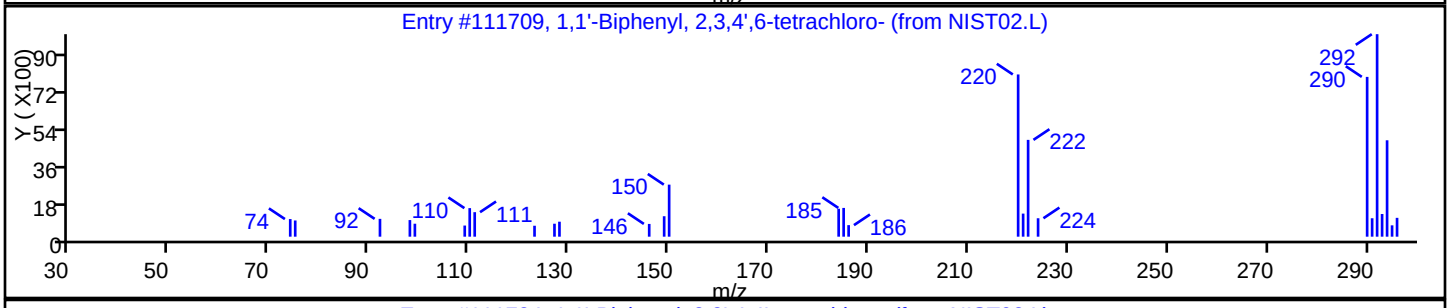
Method: 8270_4R Limit Group: SV 8270 ICAL

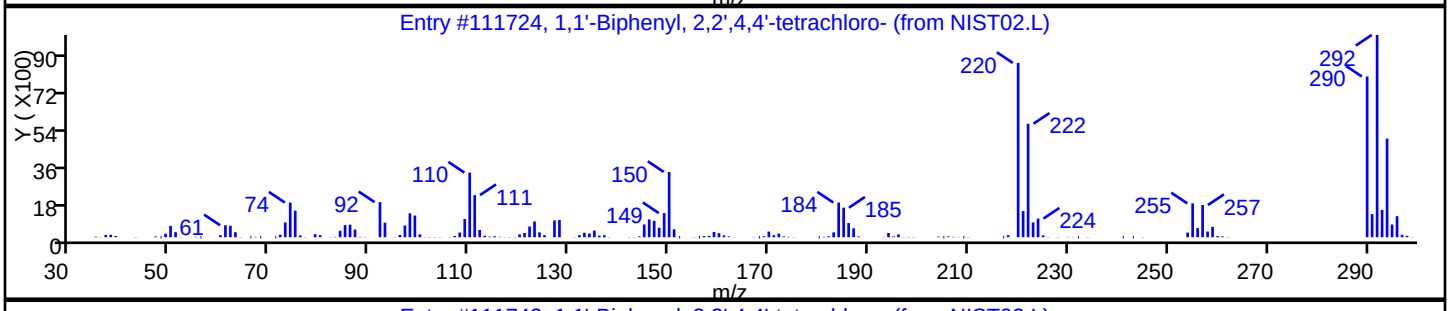
Column: Detector MS SCAN

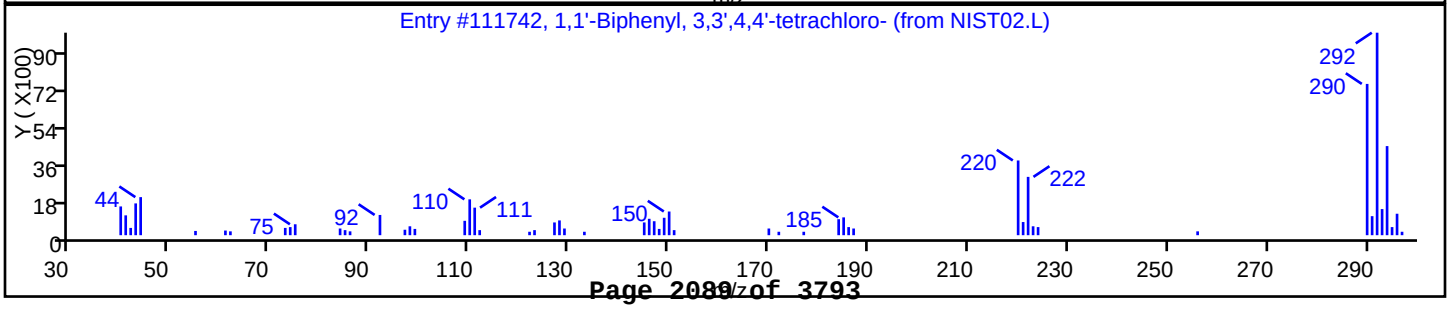
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	2437-79-8	NIST02.L	111724	C12H6Cl4	290	99
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	C12H6Cl4	290	97











Report Date: 13-Mar-2014 10:03:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94417.D

Injection Date: 11-Mar-2014 09:53:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-14-A Lab Sample ID: 460-72174-14

Client ID: PMP-6SW-WT

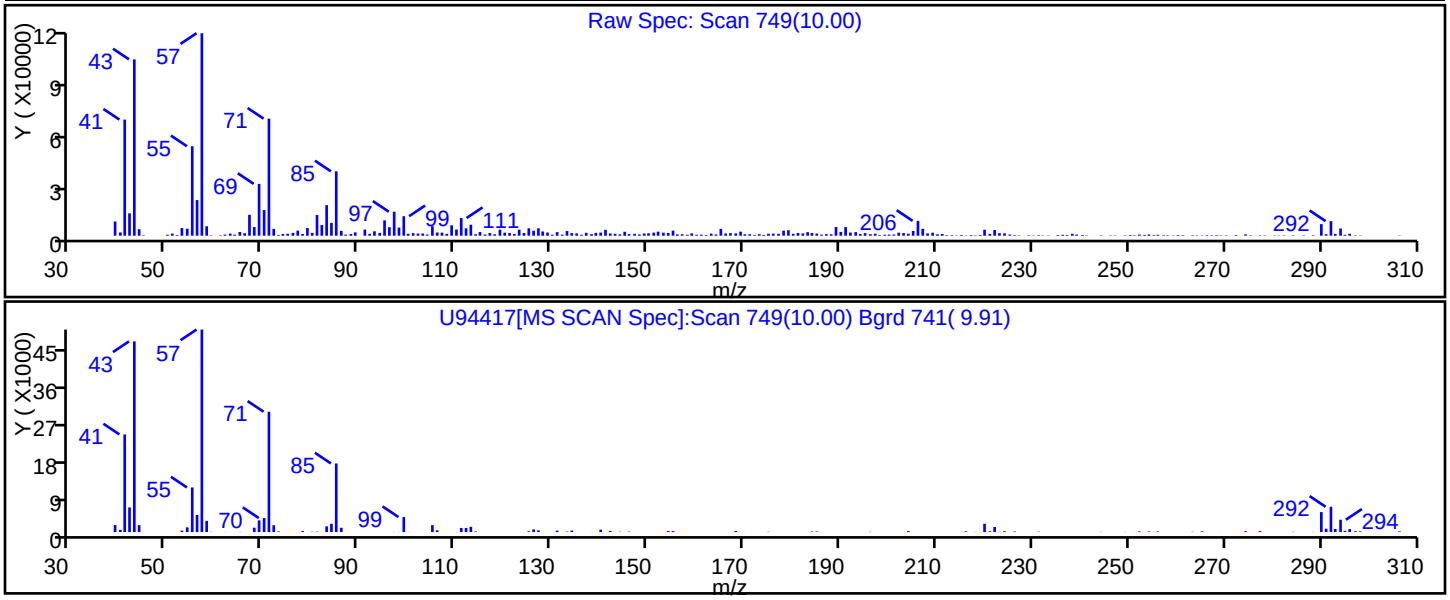
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

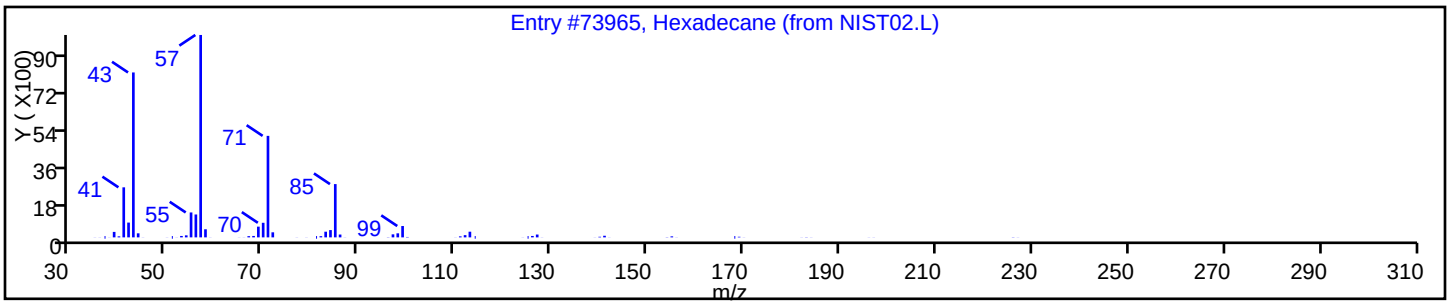
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	83





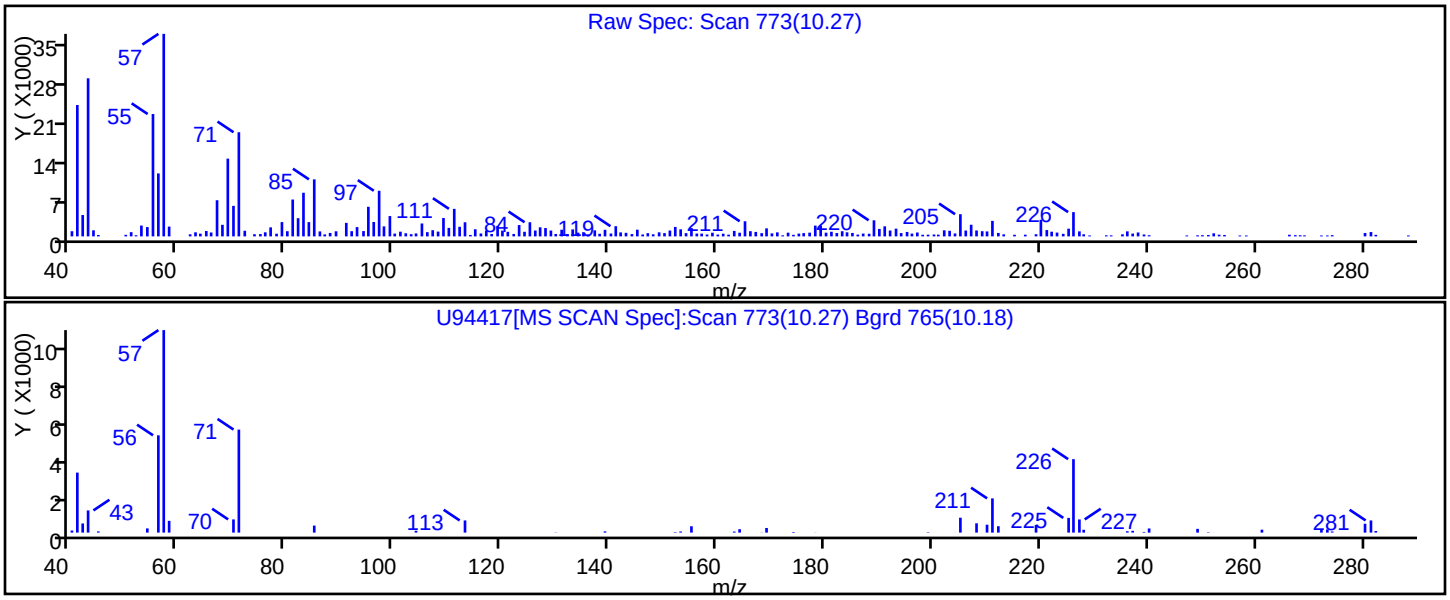
Report Date: 13-Mar-2014 10:03:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94417.D

Injection Date:	11-Mar-2014 09:53:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-14-A	Lab Sample ID:	460-72174-14		
Client ID:	PMP-6SW-WT				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-SI | Lab Sample ID: 460-72174-15

Matrix: Solid | Lab File ID: U94418.D

Analysis Method: 8270C | Date Collected: 03/06/2014 11:30

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) | Date Analyzed: 03/11/2014 10:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	50	U	370	50
95-57-8	2-Chlorophenol	49	U	370	49
95-48-7	2-Methylphenol	64	U	370	64
106-44-5	4-Methylphenol	74	U	370	74
100-52-7	Benzaldehyde	44	U	370	44
98-86-2	Acetophenone	58	U	370	58
111-44-4	Bis(2-chloroethyl)ether	5.1	U	37	5.1
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	370	42
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	37	6.3
98-95-3	Nitrobenzene	5.3	U *	37	5.3
67-72-1	Hexachloroethane	4.2	U	37	4.2
78-59-1	Isophorone	45	U	370	45
88-75-5	2-Nitrophenol	42	U	370	42
105-67-9	2,4-Dimethylphenol	93	U	370	93
120-83-2	2,4-Dichlorophenol	55	U	370	55
111-91-1	Bis(2-chloroethoxy)methane	48	U	370	48
91-20-3	Naphthalene	43	U	370	43
106-47-8	4-Chloroaniline	99	U	370	99
87-68-3	Hexachlorobutadiene	9.2	U	76	9.2
105-60-2	Caprolactam	86	U	370	86
59-50-7	4-Chloro-3-methylphenol	57	U	370	57
91-57-6	2-Methylnaphthalene	48	U	370	48
118-74-1	Hexachlorobenzene	5.1	U	37	5.1
77-47-4	Hexachlorocyclopentadiene	44	U	370	44
88-06-2	2,4,6-Trichlorophenol	44	U	370	44
95-95-4	2,4,5-Trichlorophenol	48	U	370	48
92-52-4	Diphenyl	50	U	370	50
91-58-7	2-Chloronaphthalene	42	U	370	42
88-74-4	2-Nitroaniline	160	U	760	160
606-20-2	2,6-Dinitrotoluene	11	U	76	11
131-11-3	Dimethyl phthalate	44	U	370	44
208-96-8	Acenaphthylene	44	U	370	44
99-09-2	3-Nitroaniline	130	U	760	130
83-32-9	Acenaphthene	55	U	370	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-SI | Lab Sample ID: 460-72174-15

Matrix: Solid | Lab File ID: U94418.D

Analysis Method: 8270C | Date Collected: 03/06/2014 11:30

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) | Date Analyzed: 03/11/2014 10:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	44	U	370	44
84-66-2	Diethyl phthalate	45	U	370	45
86-73-7	Fluorene	48	U	370	48
206-44-0	Fluoranthene	50	U	370	50
84-74-2	Di-n-butyl phthalate	46	U	370	46
121-14-2	2,4-Dinitrotoluene	12	U	76	12
7005-72-3	4-Chlorophenyl phenyl ether	44	U	370	44
100-01-6	4-Nitroaniline	120	U	760	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	37	U	370	37
1912-24-9	Atrazine	58	U	370	58
120-12-7	Anthracene	46	U	370	46
86-74-8	Carbazole	44	U	370	44
85-01-8	Phenanthrene	350	J	370	48
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	46	J	370	31
218-01-9	Chrysene	44	U	370	44
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
191-24-2	Benzo[g,h,i]perylene	28	U	370	28
205-99-2	Benzo[b]fluoranthene	2.4	U	37	2.4
50-32-8	Benzo[a]pyrene	2.7	U	37	2.7
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
86-30-6	N-Nitrosodiphenylamine	37	U	370	37
85-68-7	Butyl benzyl phthalate	34	U	370	34
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
117-84-0	Di-n-octyl phthalate	24	U	370	24
193-39-5	Indeno[1,2,3-cd]pyrene	7.0	U	37	7.0
53-70-3	Dibenz(a,h)anthracene	4.7	U	37	4.7
91-94-1	3,3'-Dichlorobenzidine	130	U	760	130
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	370	50
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	370	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-SI Lab Sample ID: 460-72174-15

Matrix: Solid Lab File ID: U94418.D

Analysis Method: 8270C Date Collected: 03/06/2014 11:30

Extract. Method: 3541 Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) Date Analyzed: 03/11/2014 10:16

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 12.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	52		40-106
4165-62-2	Phenol-d5	77		44-104
1718-51-0	Terphenyl-d14	88		41-145
118-79-6	2,4,6-Tribromophenol	115	X	19-114
367-12-4	2-Fluorophenol	58		39-103
321-60-8	2-Fluorobiphenyl	79		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-SI | Lab Sample ID: 460-72174-15

Matrix: Solid | Lab File ID: U94418.D

Analysis Method: 8270C | Date Collected: 03/06/2014 11:30

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) | Date Analyzed: 03/11/2014 10:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 97200

CAS NO.	COMPOUND NAME	RT	RESULT	Q
3891-98-3	Dodecane, 2,6,10-trimethyl-	6.75	2400	J N
13287-21-3	Tridecane, 6-methyl-	6.88	3600	J N
581-40-8	Naphthalene, 2,3-dimethyl-	7.13	5000	J N
18344-37-1	Heptadecane, 2,6,10,14-tetramethyl-	7.20	6200	J N
629-62-9	Pentadecane	7.41	3600	J N
17312-62-8	Decane, 5-propyl-	7.64	2500	J N
	Unknown	7.67	3000	J
544-76-3	Hexadecane	7.73	3500	J N
	Unknown	7.76	1900	J
	Unknown	7.85	8100	J
544-76-3	Hexadecane	7.91	2500	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.13	16000	J N
	Unknown	8.28	2600	J
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.40	8700	J N
	Unknown	8.56	7900	J
	Unknown	8.70	2200	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.85	8100	J N
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	9.26	4300	J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	9.34	2400	J N
	Unknown	9.41	2700	J

Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D
Lims ID: 460-72174-E-15-A Lab Sample ID: 460-72174-15
Client ID: PMP-6SW-SI
Sample Type: Client
Inject. Date: 11-Mar-2014 10:16:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-015
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 11:32:33 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 13-Mar-2014 10:07:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.145	3.117	0.018	88	131967	29.0	
$ 6 Phenol-d5	99	4.054	4.058	-0.017	70	211078	38.4	
* 13 1,4-Dichlorobenzene-d4	152	4.415	4.430	-0.015	94	104117	40.0	
$ 25 Nitrobenzene-d5	82	4.974	4.985	-0.016	89	152520	25.8	
* 35 Naphthalene-d8	136	5.696	5.701	-0.005	100	480457	40.0	
$ 48 2-Fluorobiphenyl	172	6.773	6.782	-0.012	86	231468	39.3	
* 61 Acenaphthene-d10	164	7.448	7.451	-0.003	87	172615	40.0	
$ 76 2,4,6-Tribromophenol	330	8.233	8.227	0.003	62	38111	57.4	
* 83 Phenanthrene-d10	188	8.920	8.917	0.003	86	253992	40.0	
84 Phenanthrene	178	8.943	8.943	0.003	84	32812	4.63	
90 Pyrene	202	10.318	10.314	-0.015	91	3283	0.6116	
$ 91 Terphenyl-d14	244	10.475	10.464	-0.008	96	173124	43.9	
* 96 Chrysene-d12	240	11.669	11.690	-0.021	96	169791	40.0	
* 103 Perylene-d12	264	13.603	13.619	-0.016	99	173641	40.0	

Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D
Lims ID: 460-72174-E-15-A Lab Sample ID: 460-72174-15
Client ID: PMP-6SW-SI
Sample Type: Client
Inject. Date: 11-Mar-2014 10:16:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-015
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 11:32:33 Calib Date: 27-Feb-2014 14:00:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 13-Mar-2014 10:07:48

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	3891-98-3 Dodecane, 2,6,10-trimethyl-							
6.750	1416397	32.2	61	91	64590	C15H32	212	
	13287-21-3 Tridecane, 6-methyl-							
6.875	2110068	48.0	61	90	55022	C14H30	198	
	581-40-8 Naphthalene, 2,3-dimethyl-							
7.134	2915232	66.3	61	98	27164	C12H12	156	
	18344-37-1 Heptadecane, 2,6,10,14-tetramethyl-							
7.201	3579345	81.4	61	86	115580	C21H44	296	M
	629-62-9 Pentadecane							
7.414	2075052	47.2	61	95	64571	C15H32	212	M
	17312-62-8 Decane, 5-propyl-							
7.638	1448007	32.9	61	96	45547	C13H28	184	M
	Unknown							
7.672	1724026	39.2	61					M
	544-76-3 Hexadecane							
7.728	2060761	46.9	61	86	73965	C16H34	226	M
	Unknown							
7.762	1112048	25.3	61					M
	Unknown							
7.852	4693720	106.7	61					
	544-76-3 Hexadecane							
7.908	1481773	33.7	61	97	73966	C16H34	226	M
	3892-00-0 Pentadecane, 2,6,10-trimethyl-							
8.132	9503813	216.1	61	91	91053	C18H38	254	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
8.278	2374305	34.3	83					
	1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-						
8.402	8004151	115.5	83	98	99493	C19H40	268	M
		Unknown						
8.560	7278150	105.0	83					
		Unknown						
8.695	2021632	29.2	83					M
	638-36-8	Hexadecane, 2,6,10,14-tetramethyl-						
8.853	7433271	107.2	83	96	107670	C20H42	282	
	7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-						
9.259	3931091	56.7	83	97	91791	C12H7Cl3	256	
	38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-						
9.338	2240933	32.3	83	97	91793	C12H7Cl3	256	
		Unknown						
9.405	2514931	36.3	83					

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.448	1759243	40.0
* 83 Phenanthrene-d10	8.920	2772565	40.0

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

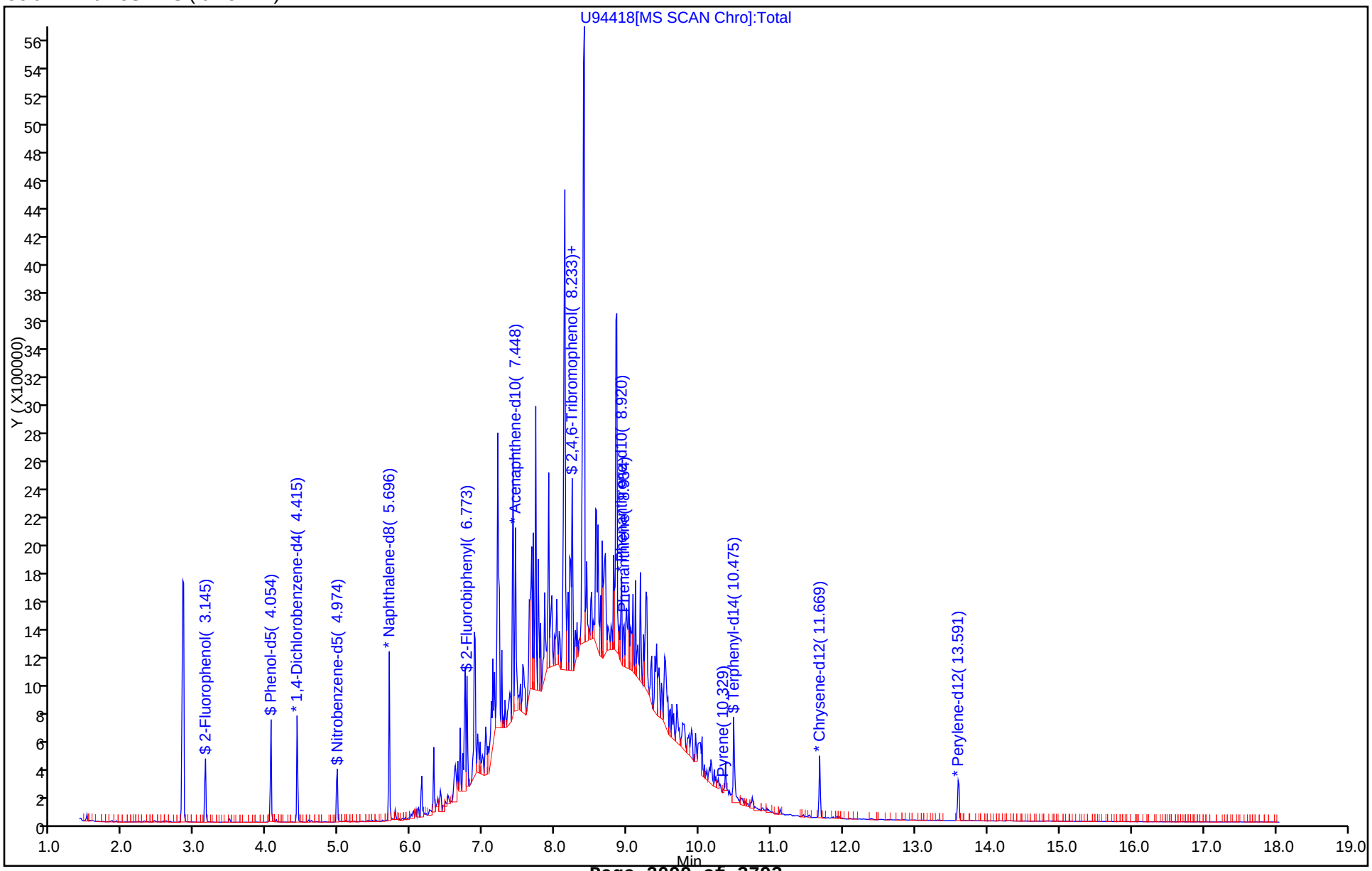
Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D

Injection Date:	11-Mar-2014 10:16:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-72174-E-15-A	Lab Sample ID:	460-72174-15	Worklist Smp#:	15
Client ID:	PMP-6SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8270_4R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

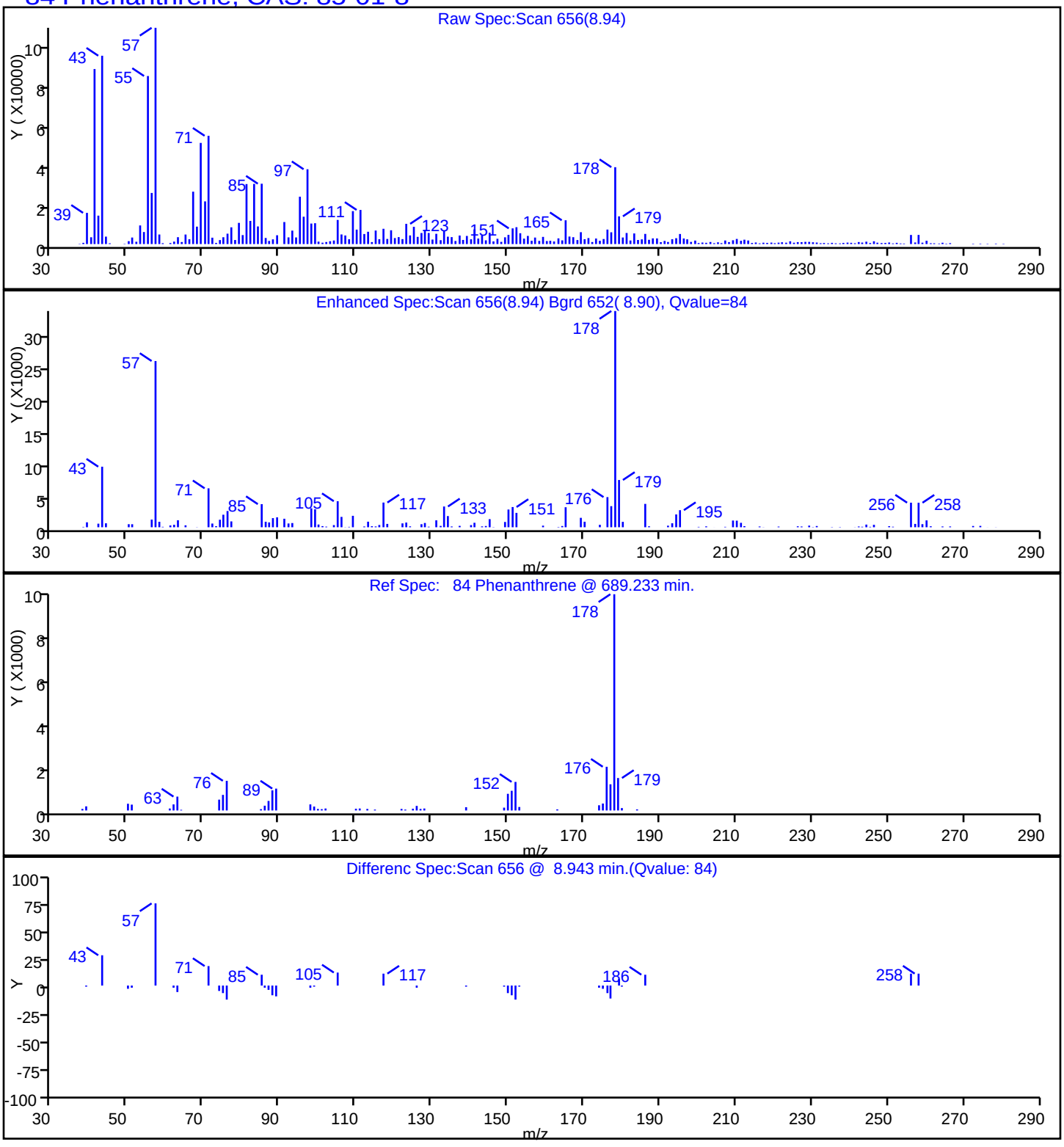


Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D				
Injection Date:	11-Mar-2014 10:16:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

84 Phenanthrene, CAS: 85-01-8

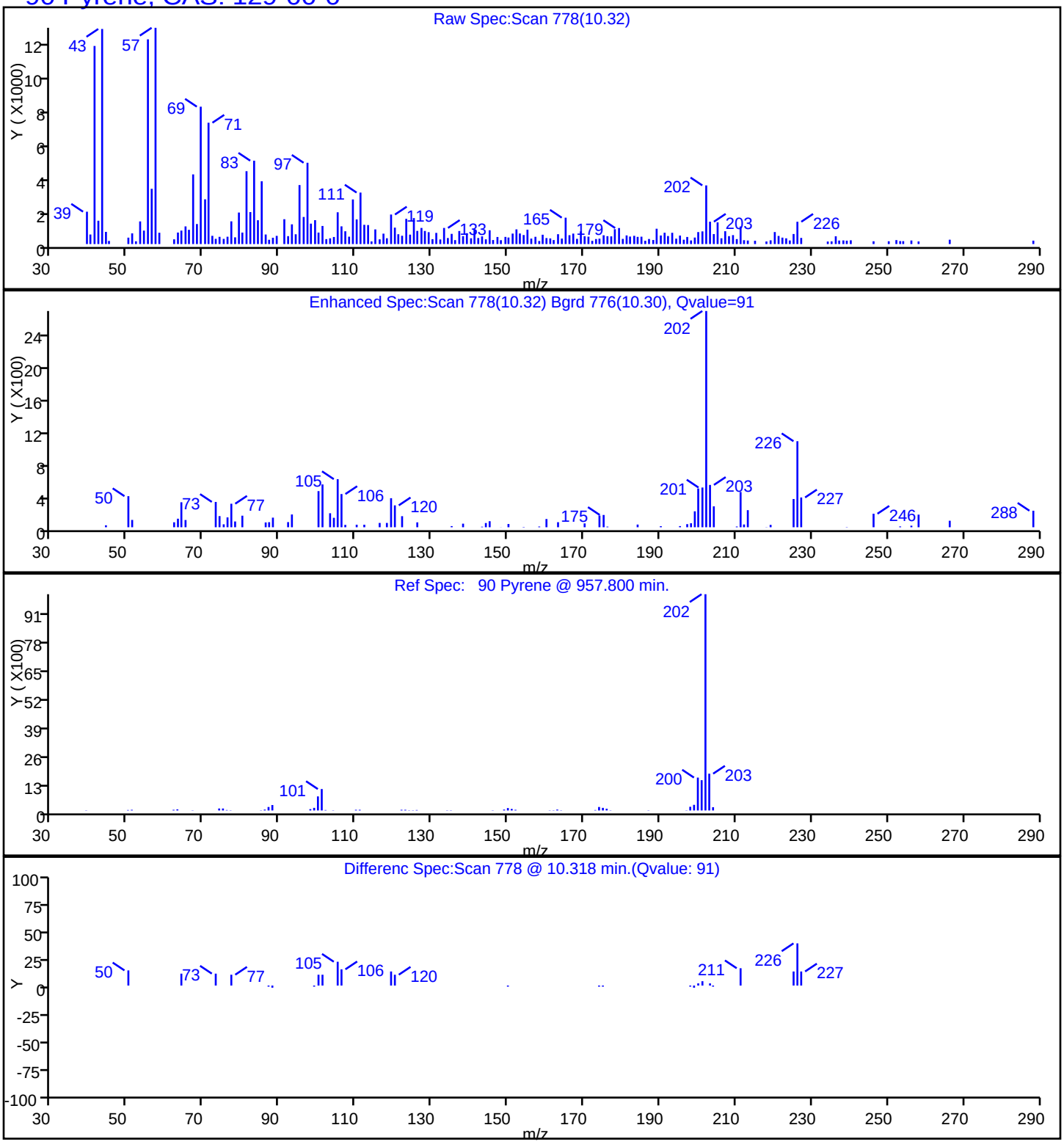


Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D				
Injection Date:	11-Mar-2014 10:16:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Pyrene, CAS: 129-00-0



Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D

Injection Date: 11-Mar-2014 10:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-15-A Lab Sample ID: 460-72174-15

Client ID: PMP-6SW-SI

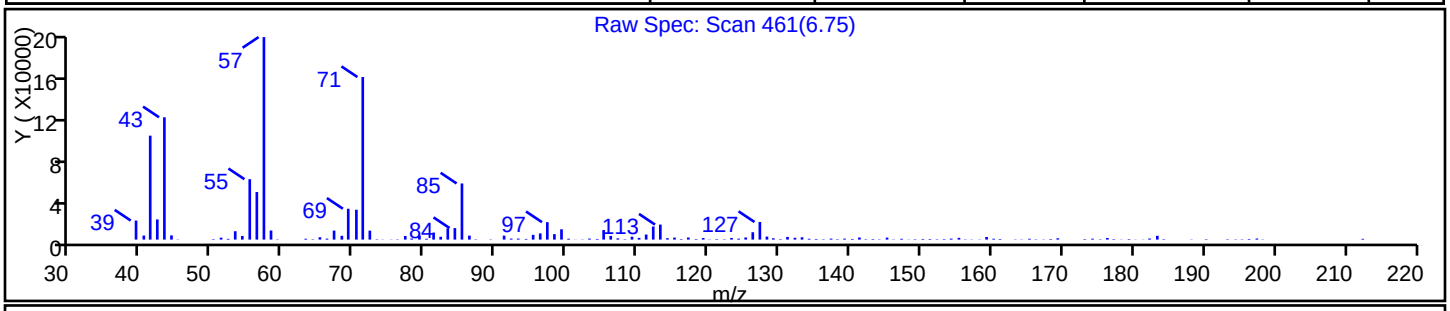
Operator ID: ALS Bottle#: 15 Worklist Smp#: 15

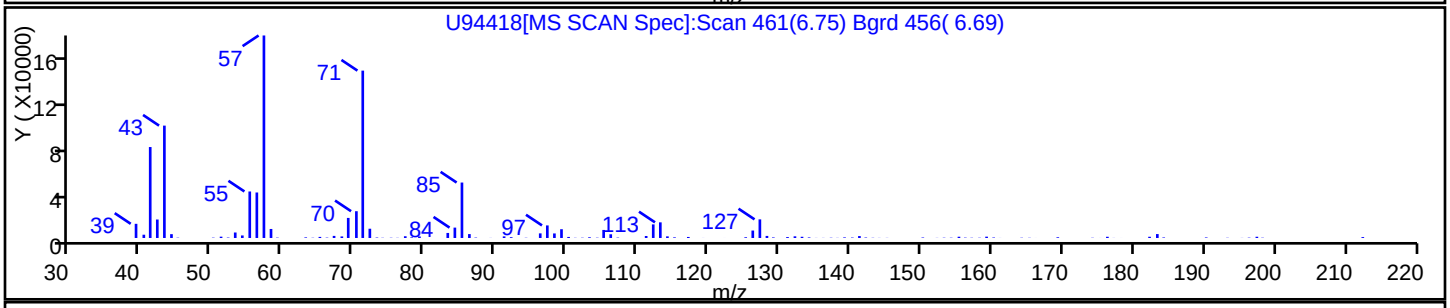
Injection Vol: 1.0 ul Dil. Factor: 1.0000

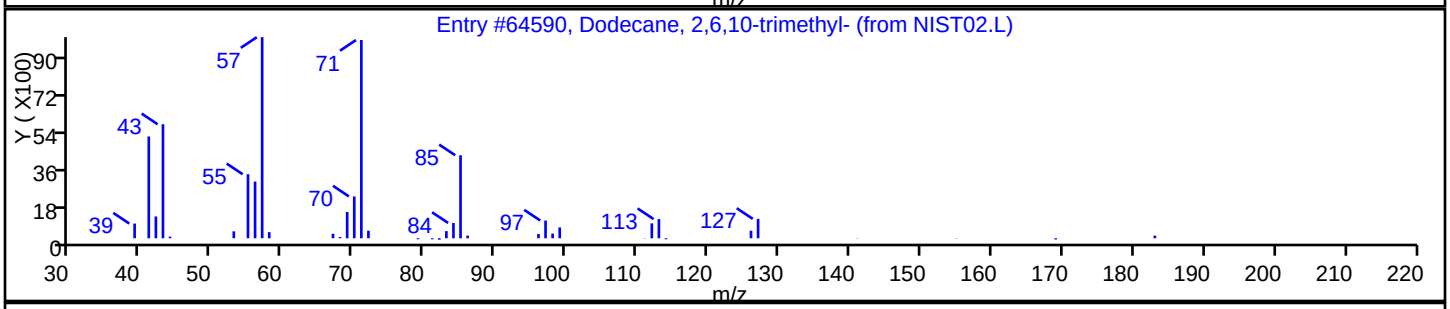
Method: 8270_4R Limit Group: SV 8270 ICAL

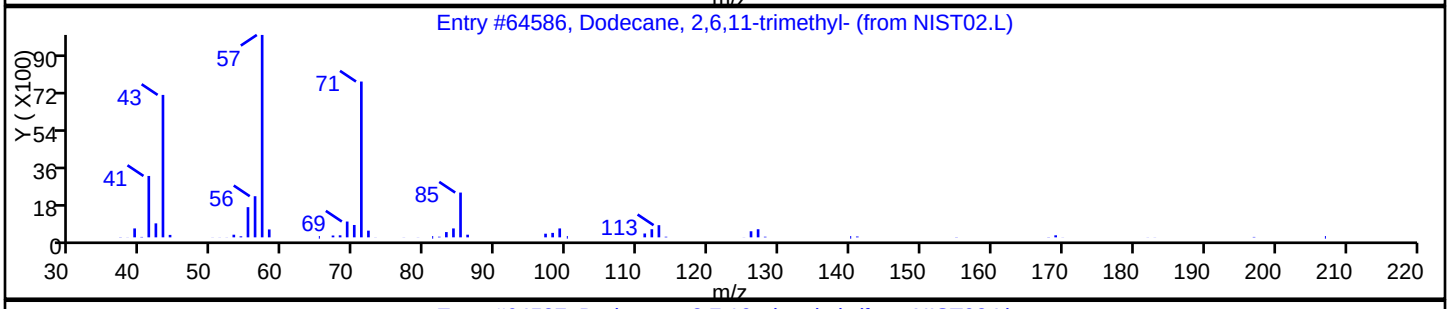
Column: Detector MS SCAN

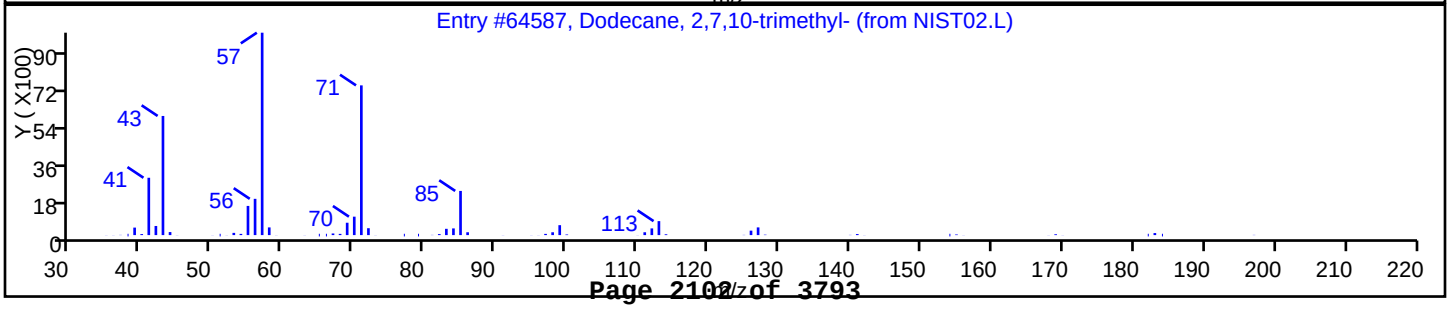
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	C15H32	212	91
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64586	C15H32	212	90
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	86











Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D

Injection Date: 11-Mar-2014 10:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-15-A Lab Sample ID: 460-72174-15

Client ID: PMP-6SW-SI

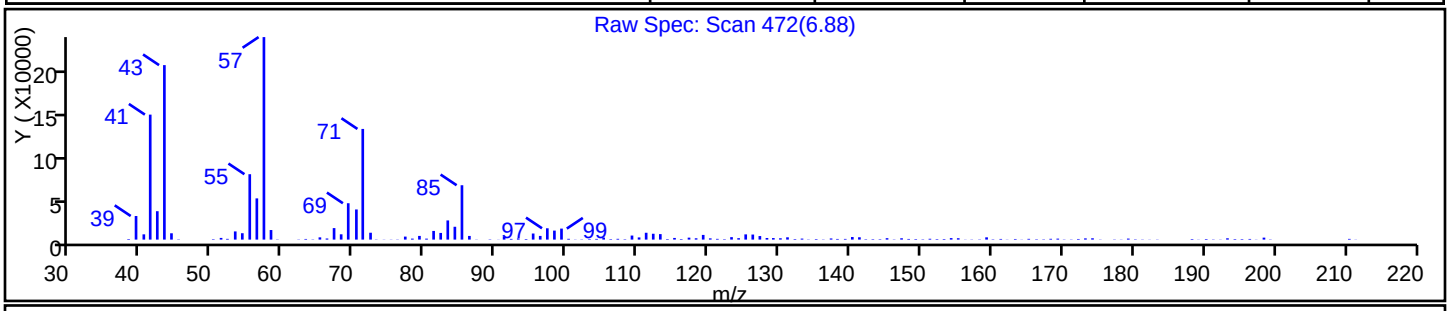
Operator ID: ALS Bottle#: 15 Worklist Smp#: 15

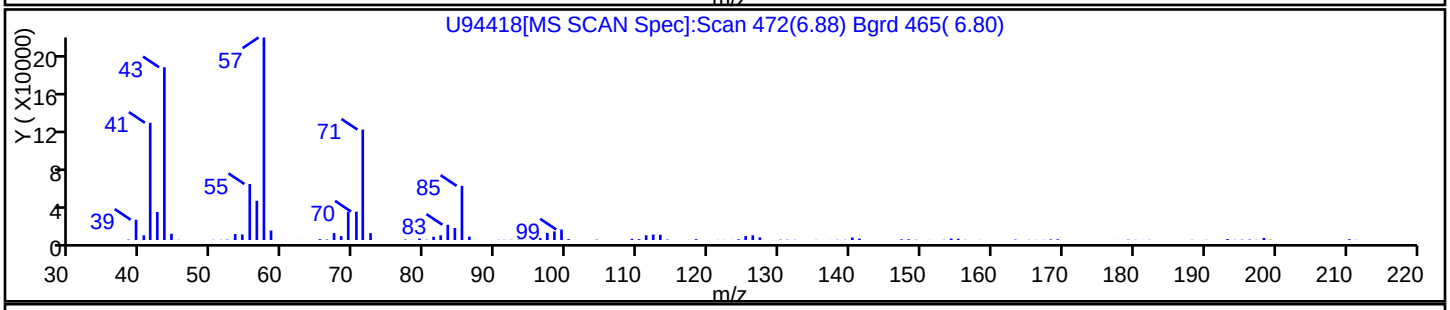
Injection Vol: 1.0 ul Dil. Factor: 1.0000

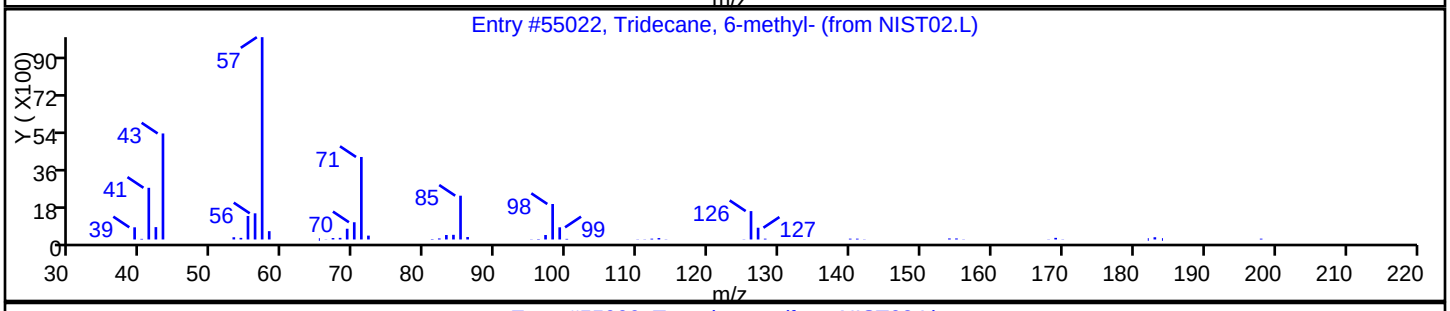
Method: 8270_4R Limit Group: SV 8270 ICAL

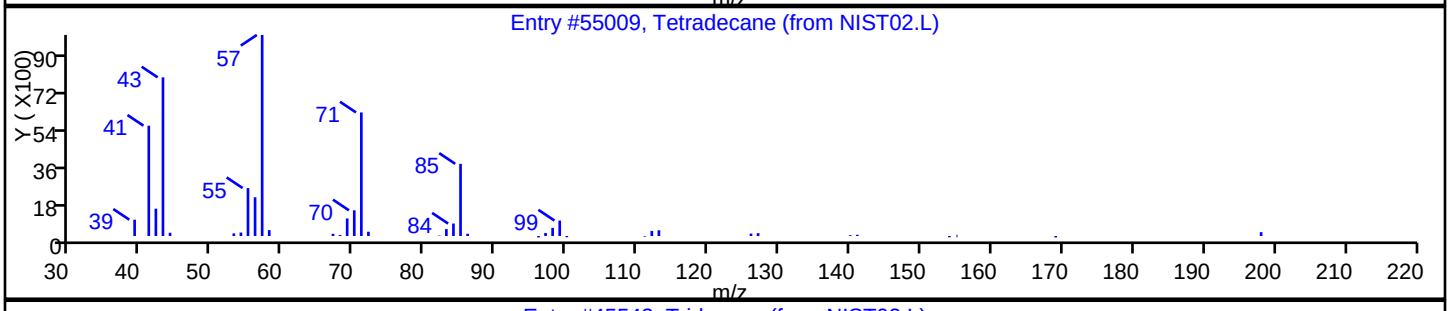
Column: Detector MS SCAN

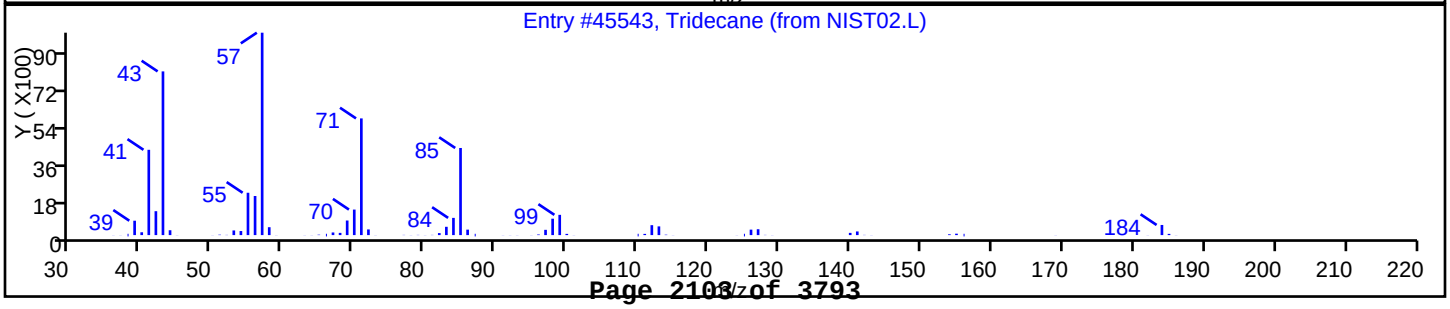
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tridecane, 6-methyl-	13287-21-3	NIST02.L	55022	C14H30	198	90
Tetradecane	629-59-4	NIST02.L	55009	C14H30	198	90
Tridecane	629-50-5	NIST02.L	45543	C13H28	184	90











Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D

Injection Date: 11-Mar-2014 10:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-15-A Lab Sample ID: 460-72174-15

Client ID: PMP-6SW-SI

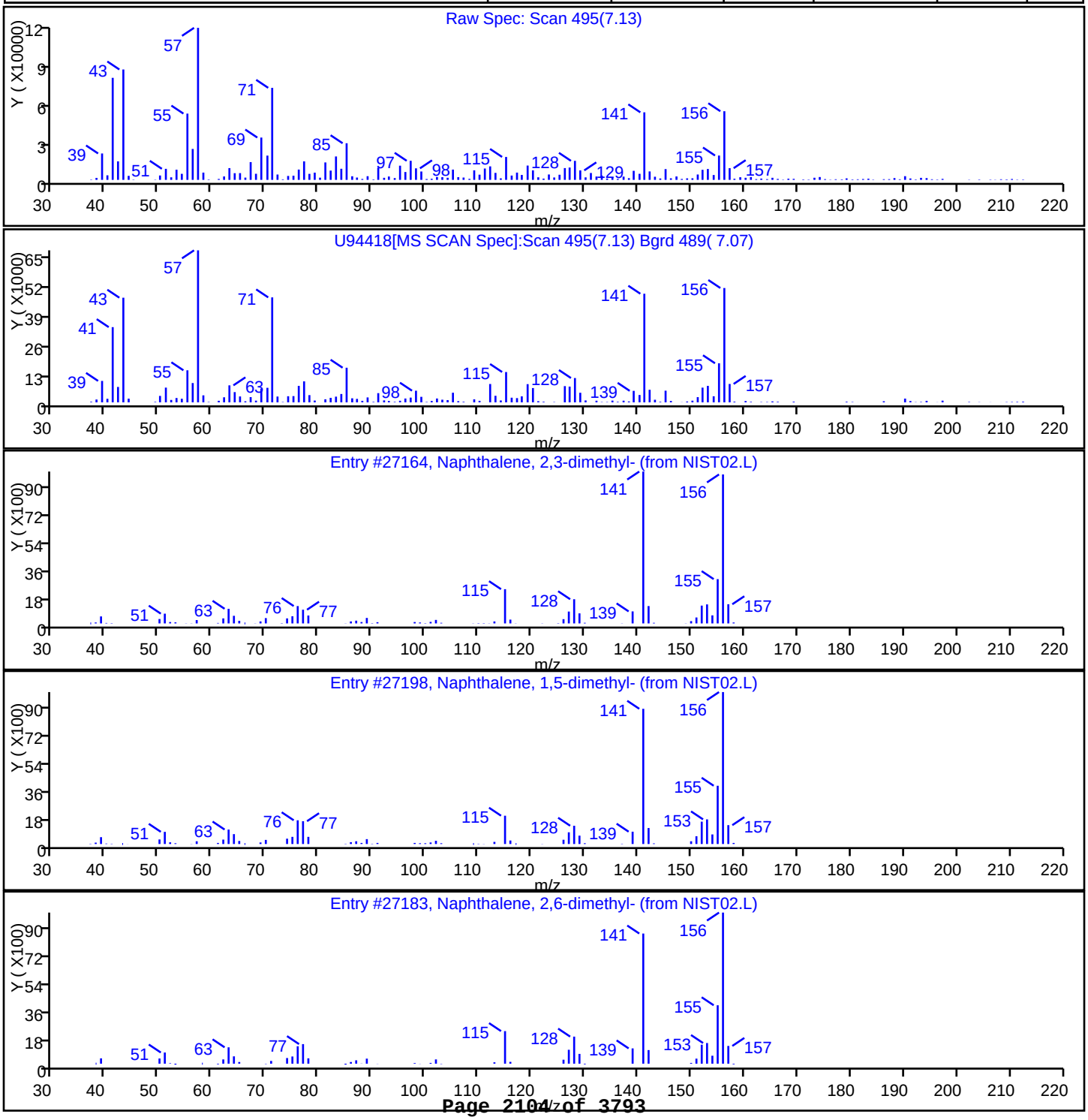
Operator ID: ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2,3-dimethyl-	581-40-8	NIST02.L	27164	C12H12	156	98
Naphthalene, 1,5-dimethyl-	571-61-9	NIST02.L	27198	C12H12	156	97
Naphthalene, 2,6-dimethyl-	581-42-0	NIST02.L	27183	C12H12	156	97



Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D

Injection Date: 11-Mar-2014 10:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-15-A Lab Sample ID: 460-72174-15

Client ID: PMP-6SW-SI

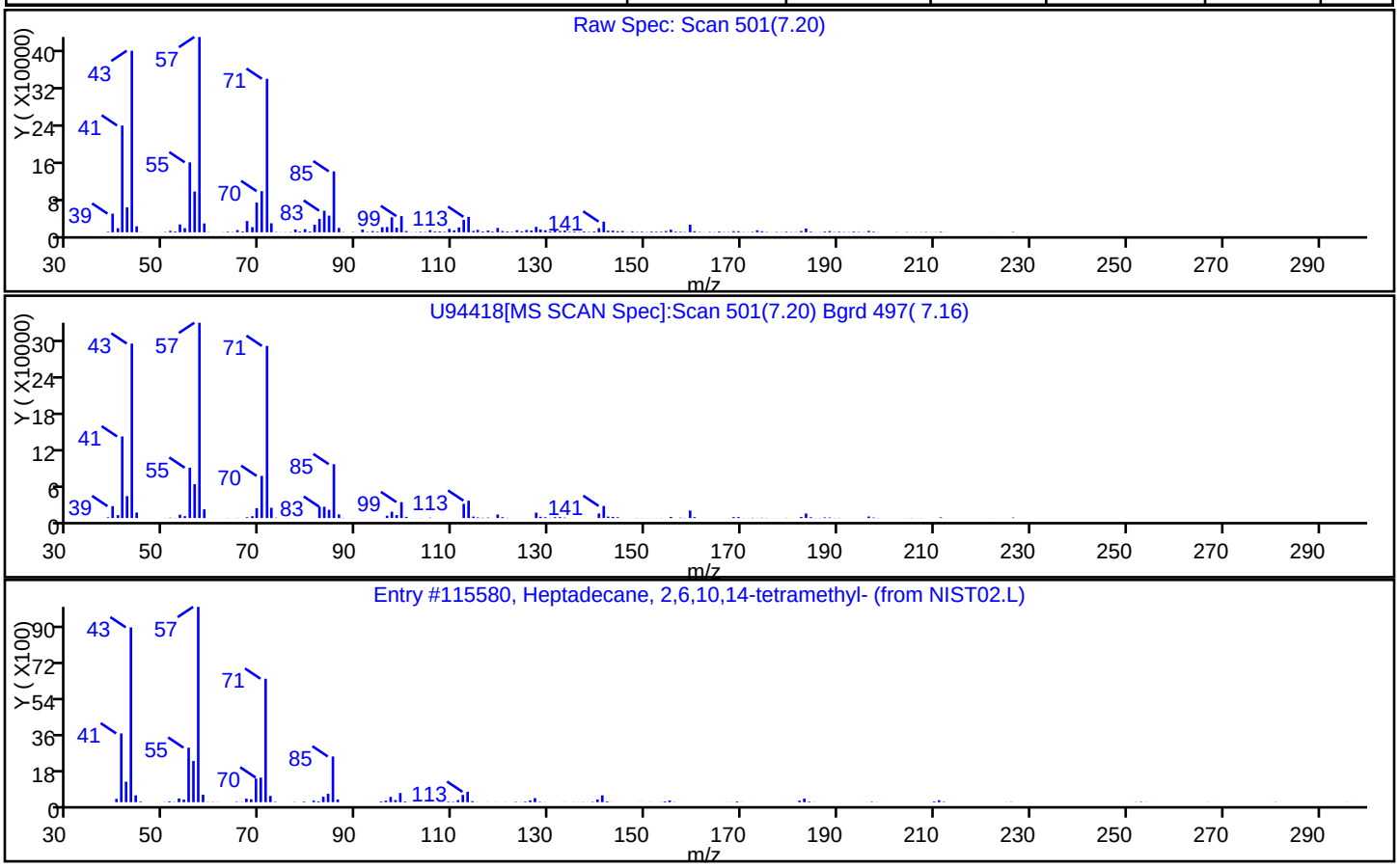
Operator ID: ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptadecane, 2,6,10,14-tetramethyl-	18344-37-1	NIST02.L	115580	C21H44	296	86



Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D

Injection Date: 11-Mar-2014 10:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-15-A Lab Sample ID: 460-72174-15

Client ID: PMP-6SW-SI

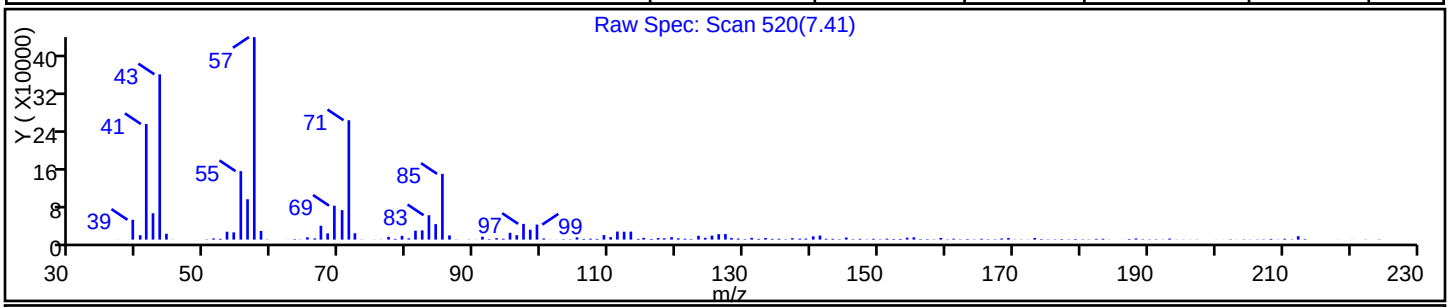
Operator ID: ALS Bottle#: 15 Worklist Smp#: 15

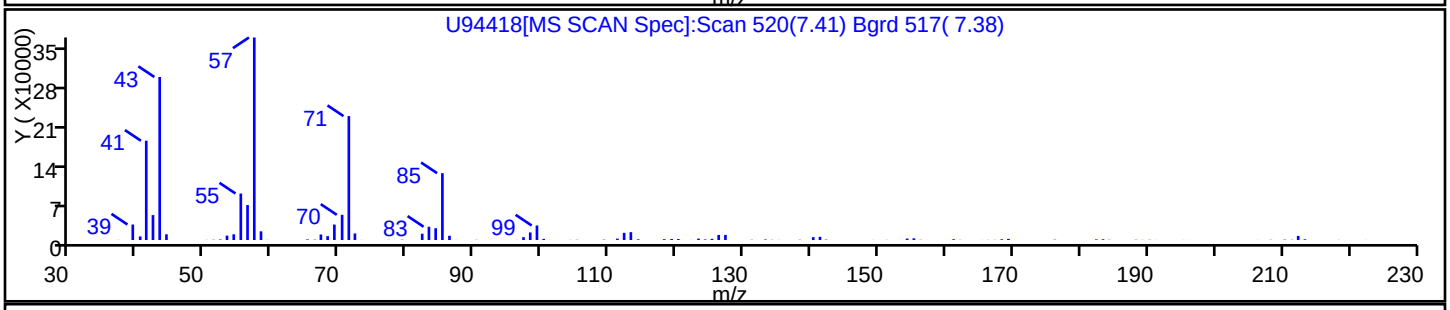
Injection Vol: 1.0 ul Dil. Factor: 1.0000

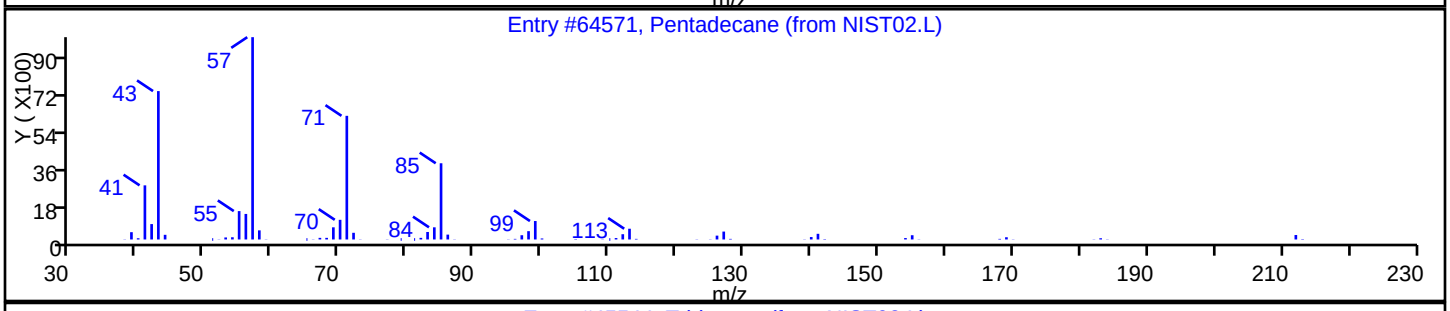
Method: 8270_4R Limit Group: SV 8270 ICAL

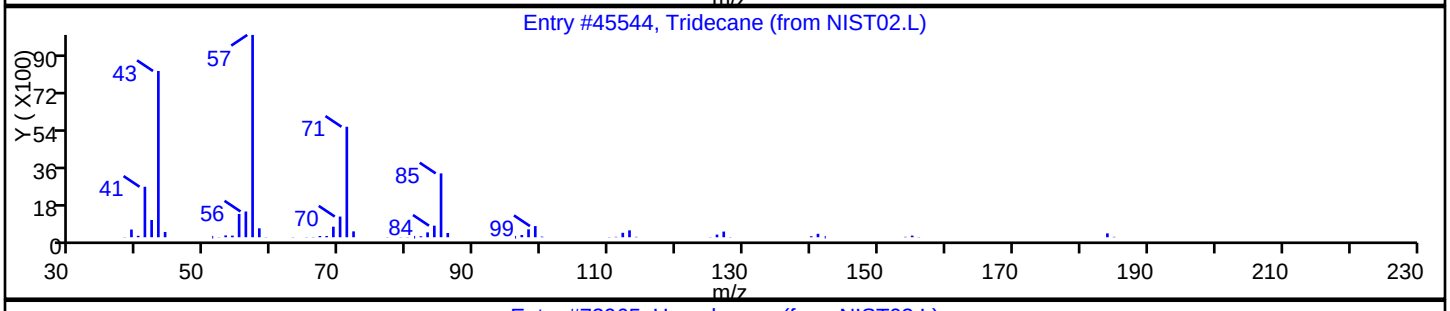
Column: Detector MS SCAN

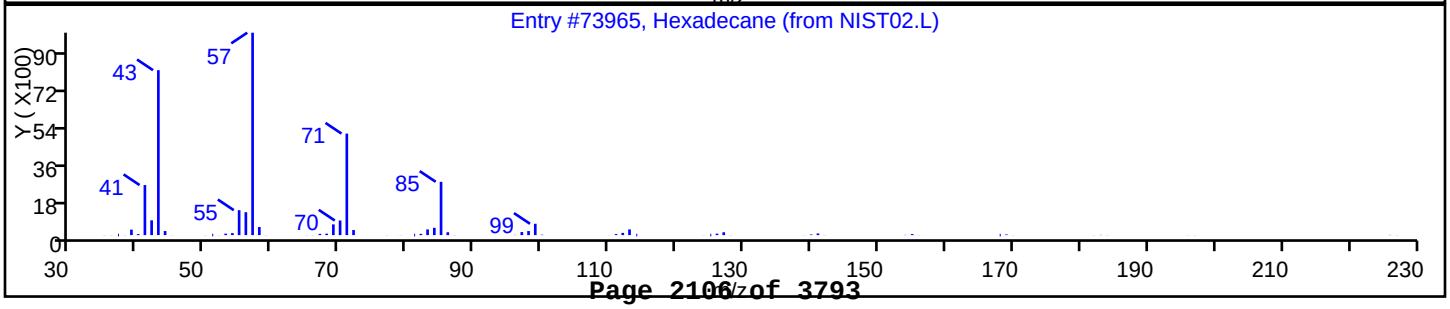
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane	629-62-9	NIST02.L	64571	C15H32	212	95
Tridecane	629-50-5	NIST02.L	45544	C13H28	184	90
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	90











Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D

Injection Date: 11-Mar-2014 10:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-15-A Lab Sample ID: 460-72174-15

Client ID: PMP-6SW-SI

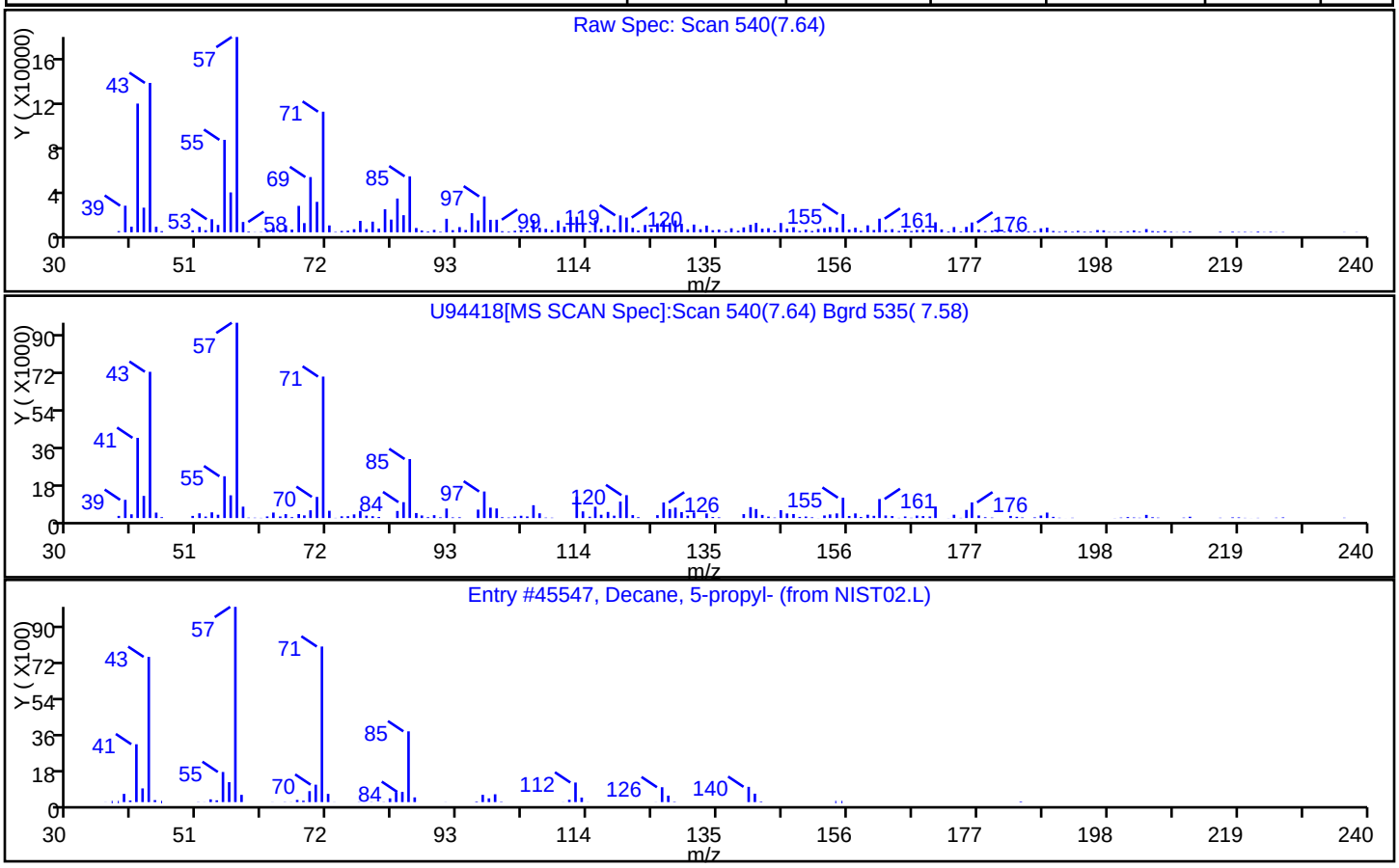
Operator ID: ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decane, 5-propyl-	17312-62-8	NIST02.L	45547	C13H28	184	96



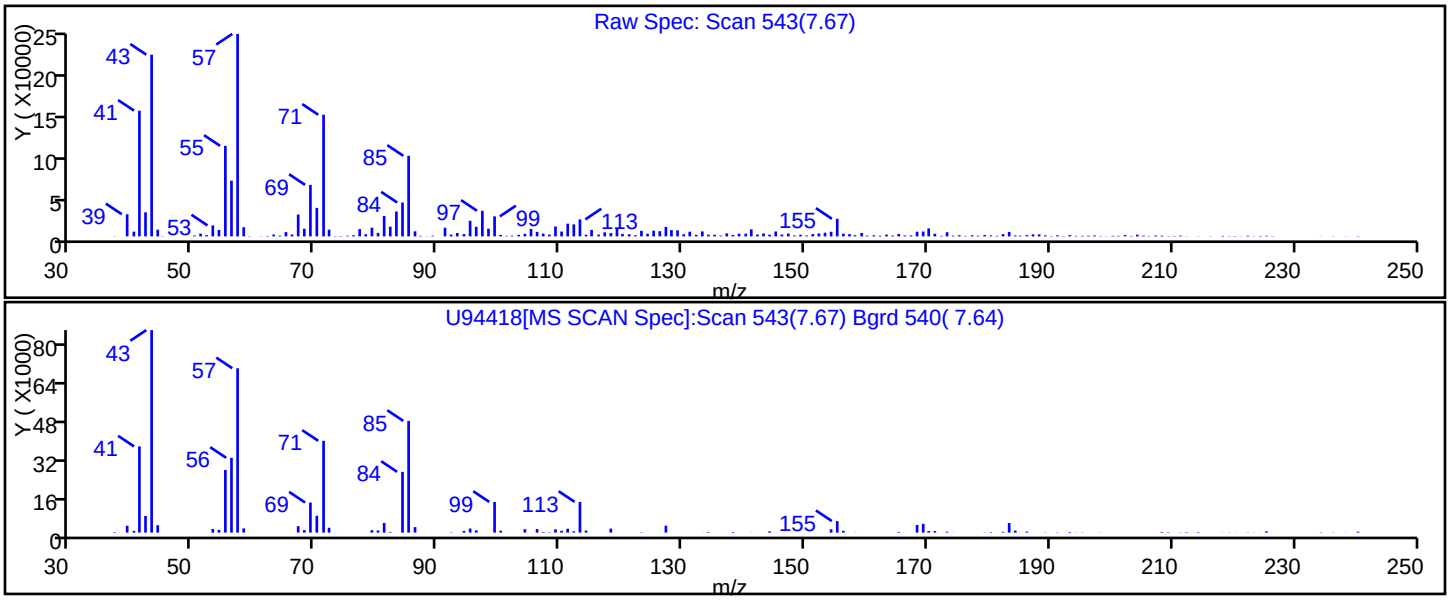
Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D

Injection Date:	11-Mar-2014 10:16:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D

Injection Date: 11-Mar-2014 10:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-15-A Lab Sample ID: 460-72174-15

Client ID: PMP-6SW-SI

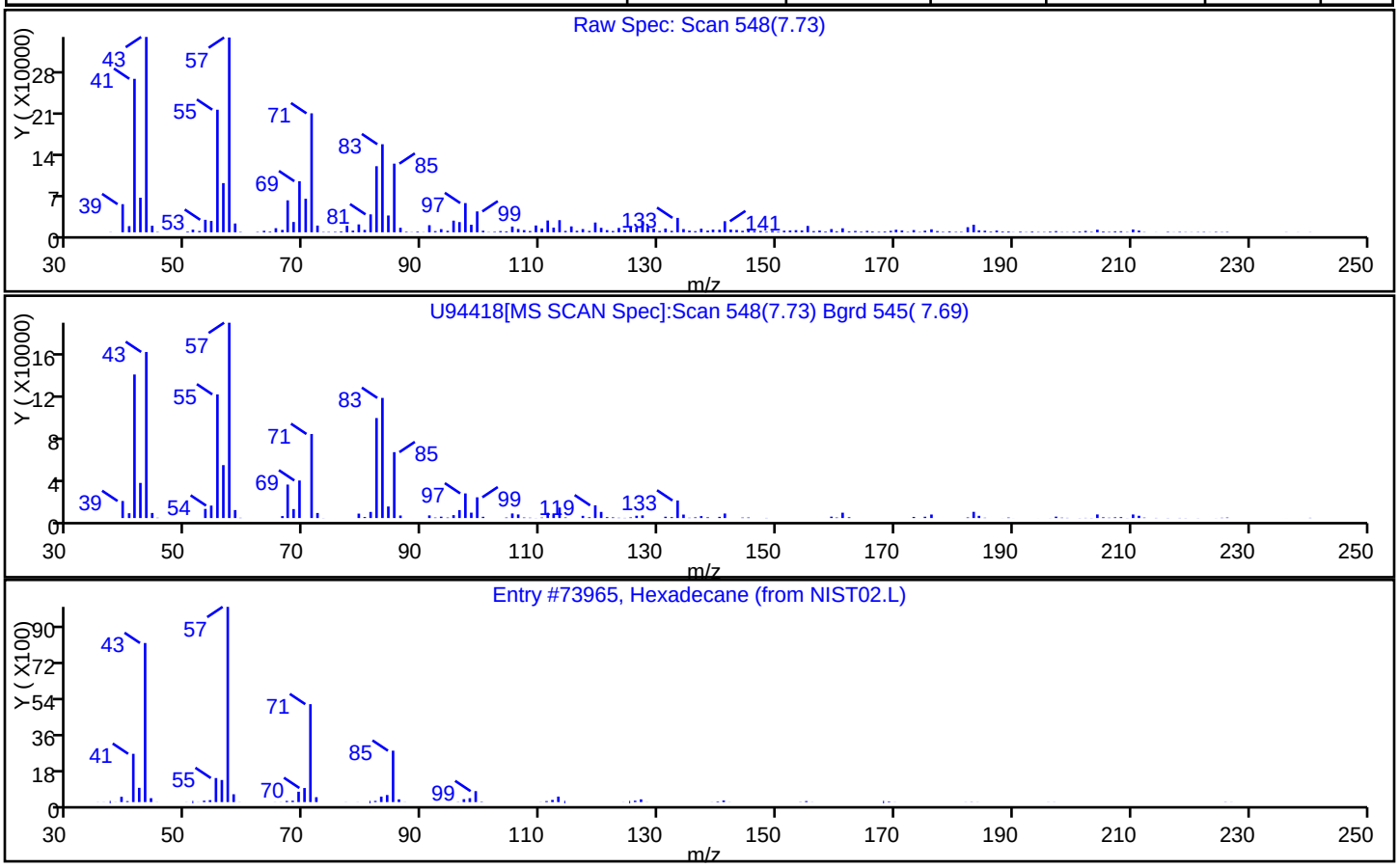
Operator ID: ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	86



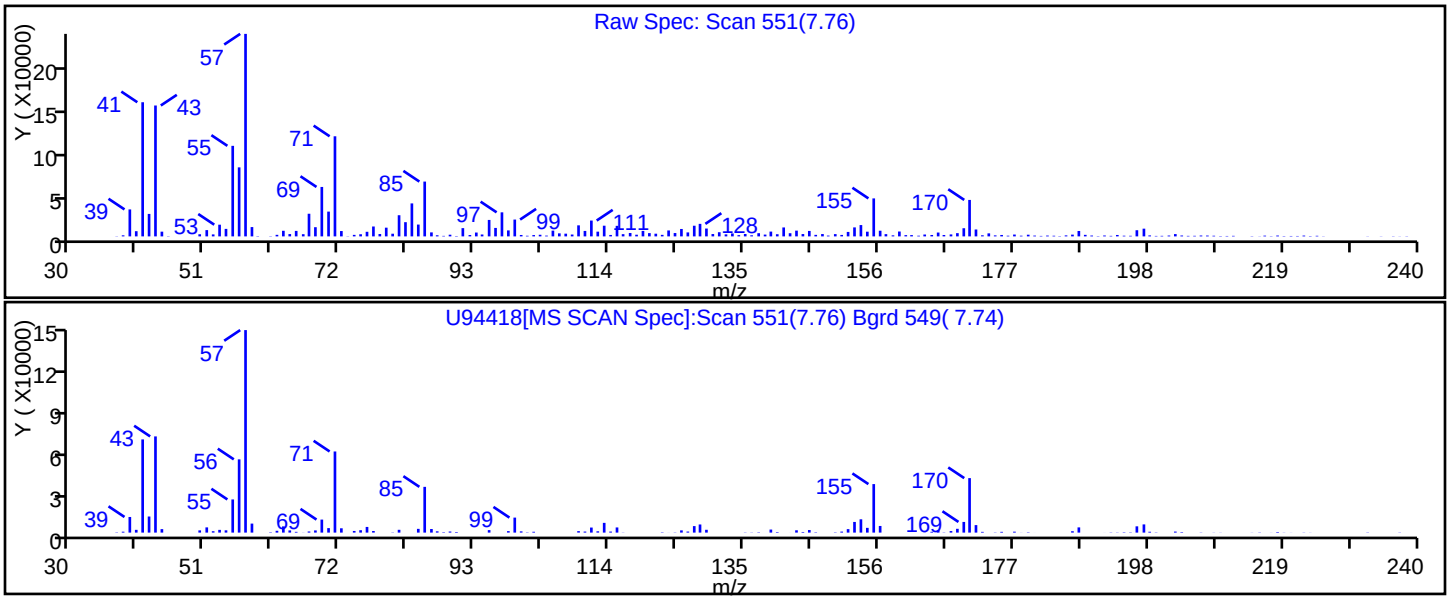
Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D

Injection Date:	11-Mar-2014 10:16:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



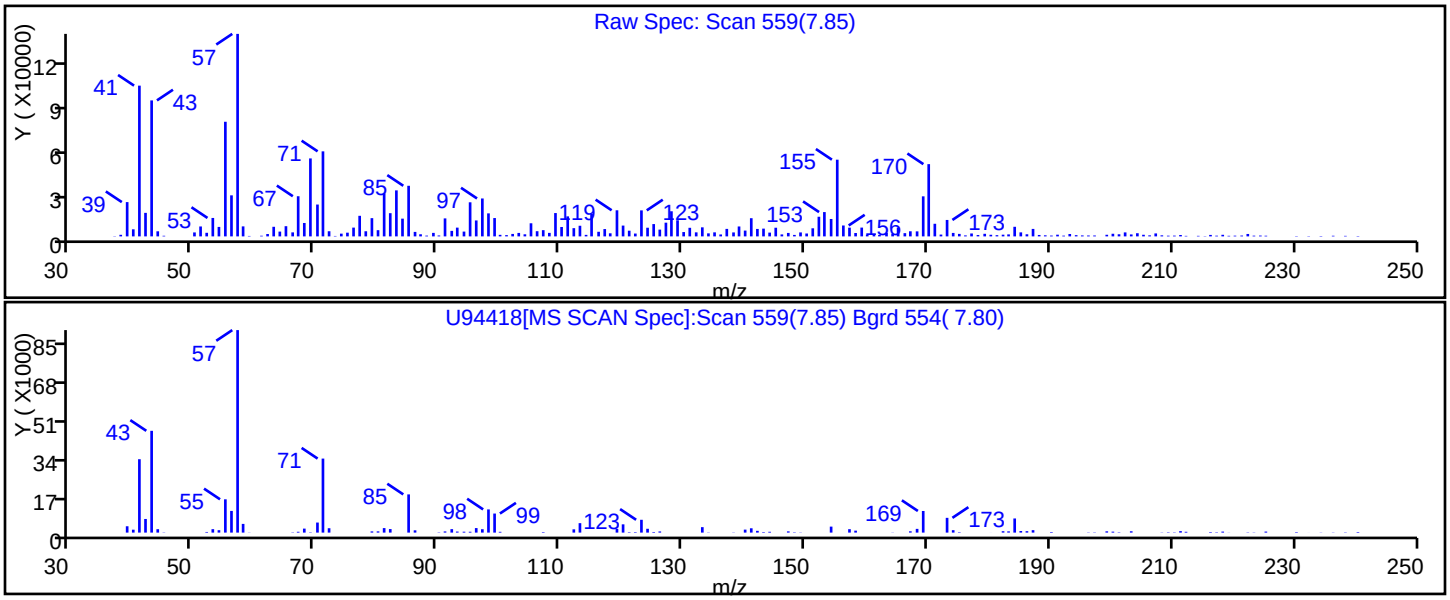
Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D

Injection Date:	11-Mar-2014 10:16:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D

Injection Date: 11-Mar-2014 10:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-15-A Lab Sample ID: 460-72174-15

Client ID: PMP-6SW-SI

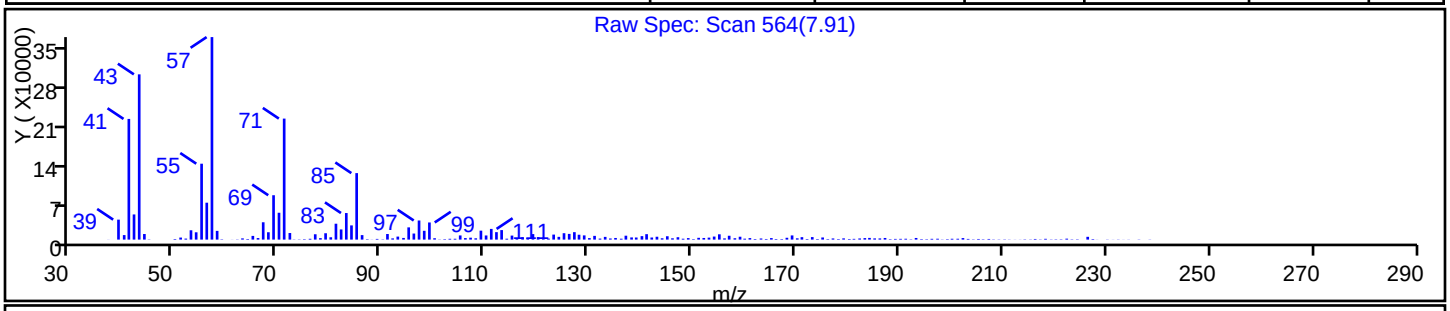
Operator ID: ALS Bottle#: 15 Worklist Smp#: 15

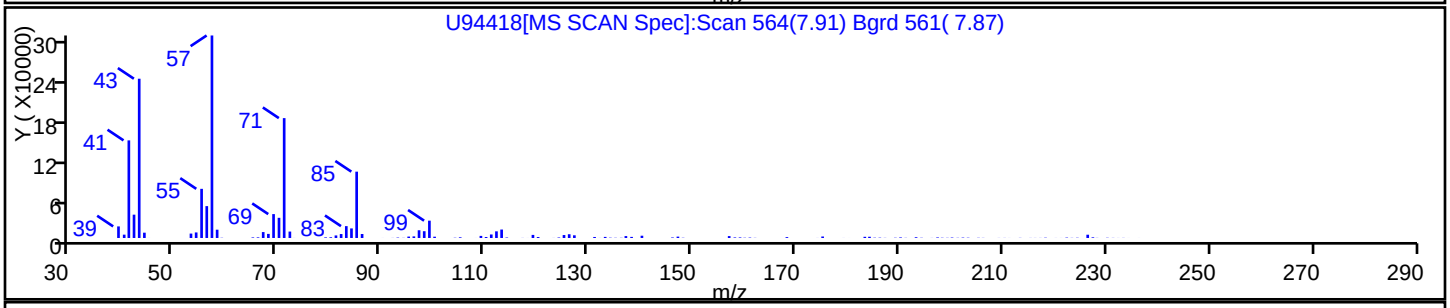
Injection Vol: 1.0 ul Dil. Factor: 1.0000

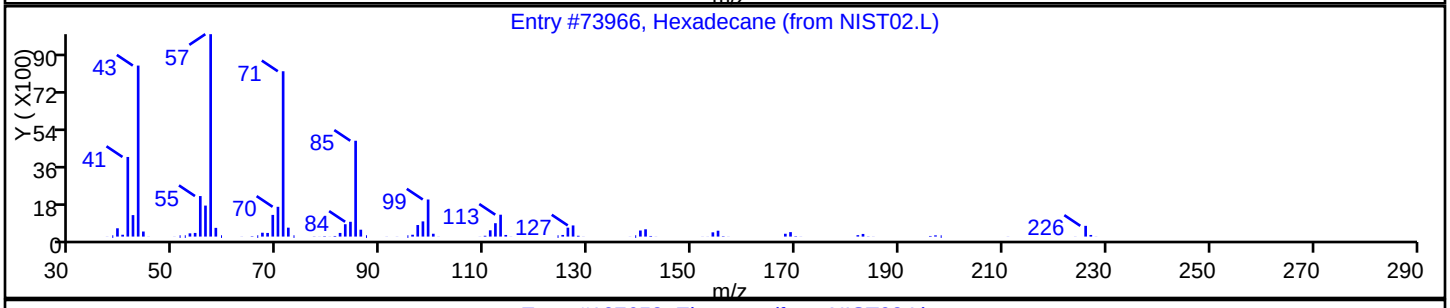
Method: 8270_4R Limit Group: SV 8270 ICAL

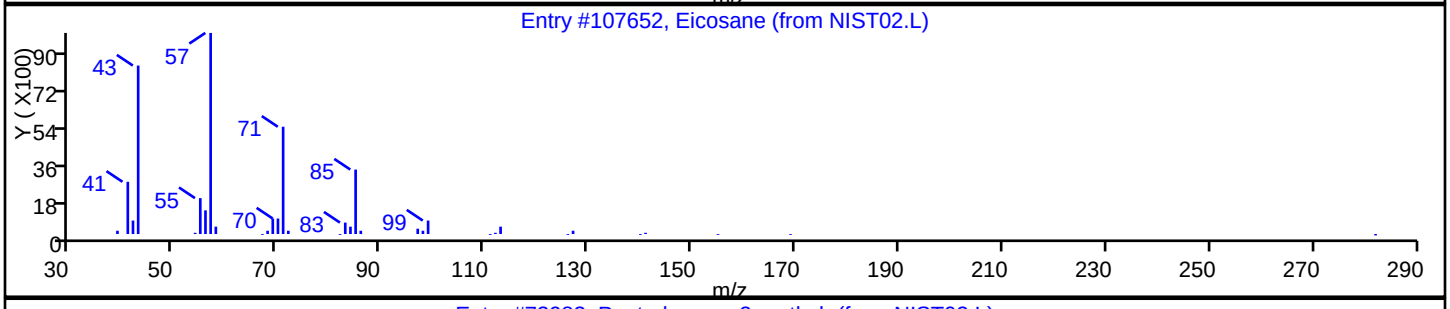
Column: Detector MS SCAN

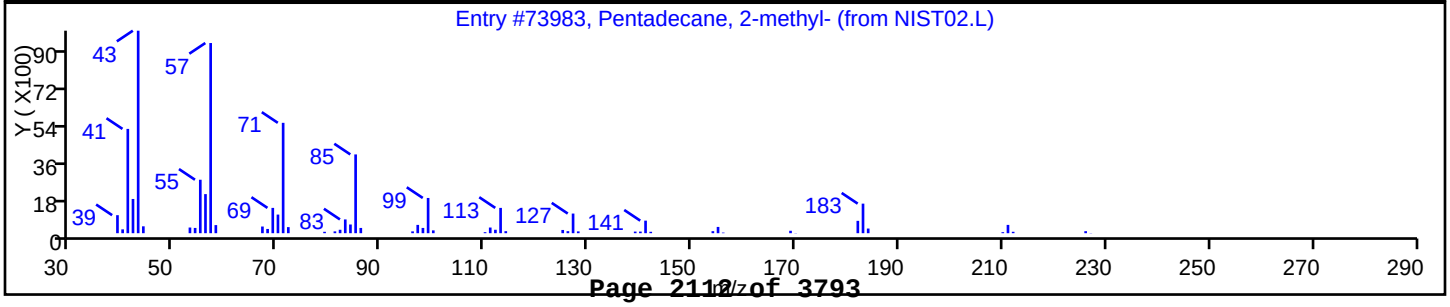
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73966	C16H34	226	97
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91
Pentadecane, 2-methyl-	1560-93-6	NIST02.L	73983	C16H34	226	90











Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D

Injection Date: 11-Mar-2014 10:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-15-A Lab Sample ID: 460-72174-15

Client ID: PMP-6SW-SI

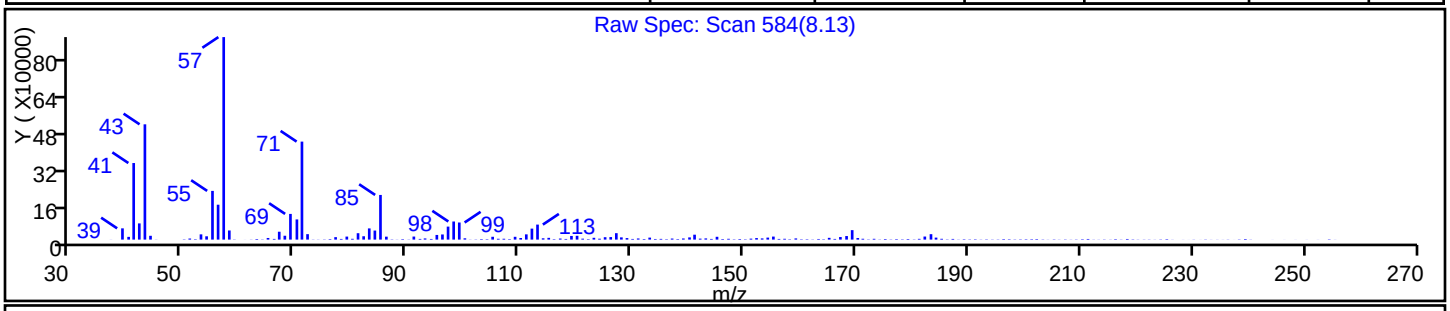
Operator ID: ALS Bottle#: 15 Worklist Smp#: 15

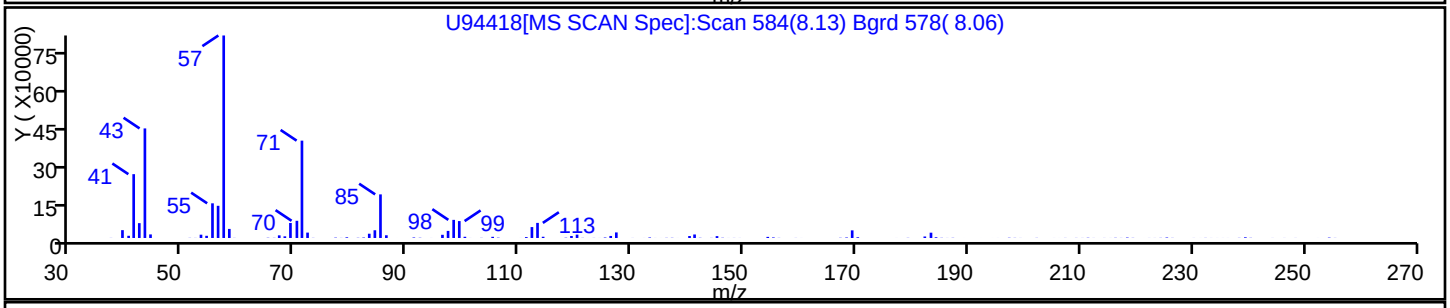
Injection Vol: 1.0 ul Dil. Factor: 1.0000

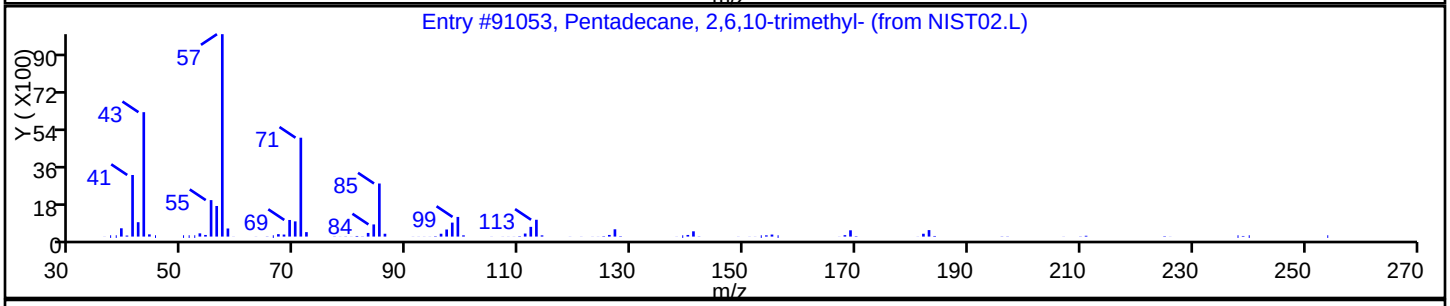
Method: 8270_4R Limit Group: SV 8270 ICAL

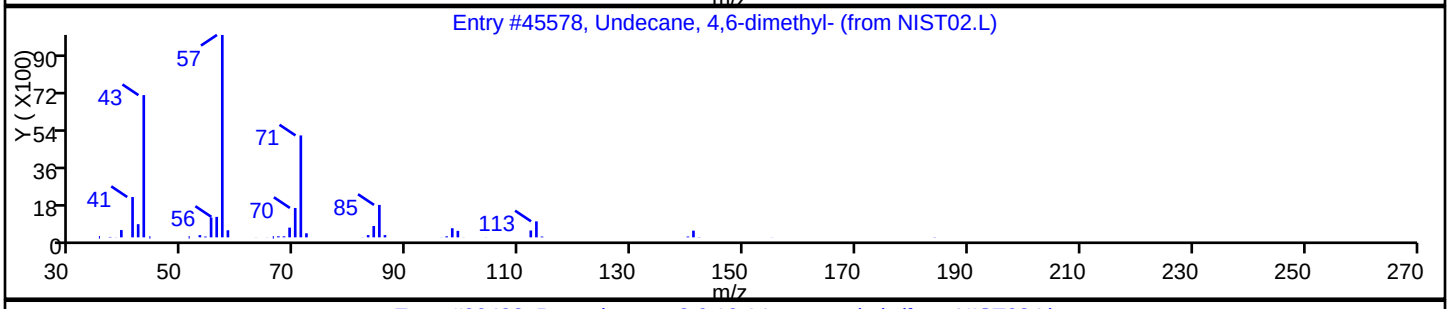
Column: Detector MS SCAN

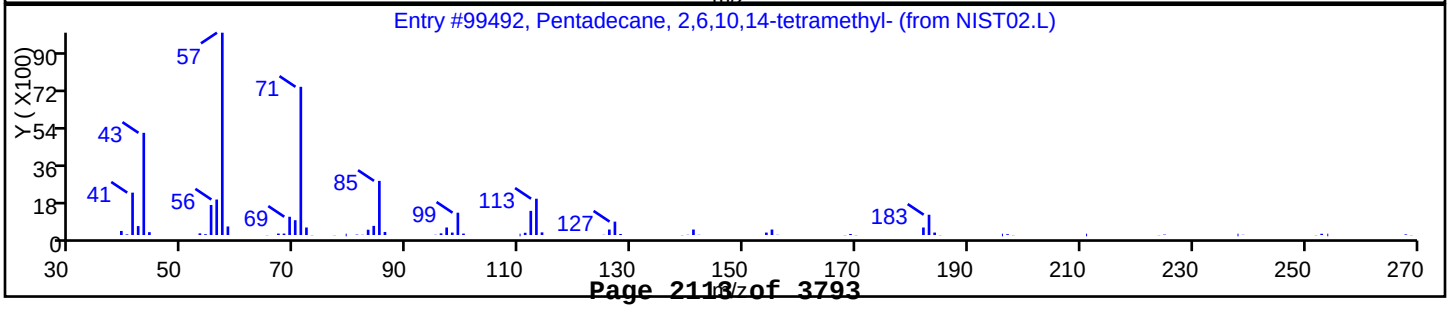
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	91
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.L	45578	C13H28	184	87
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99492	C19H40	268	86









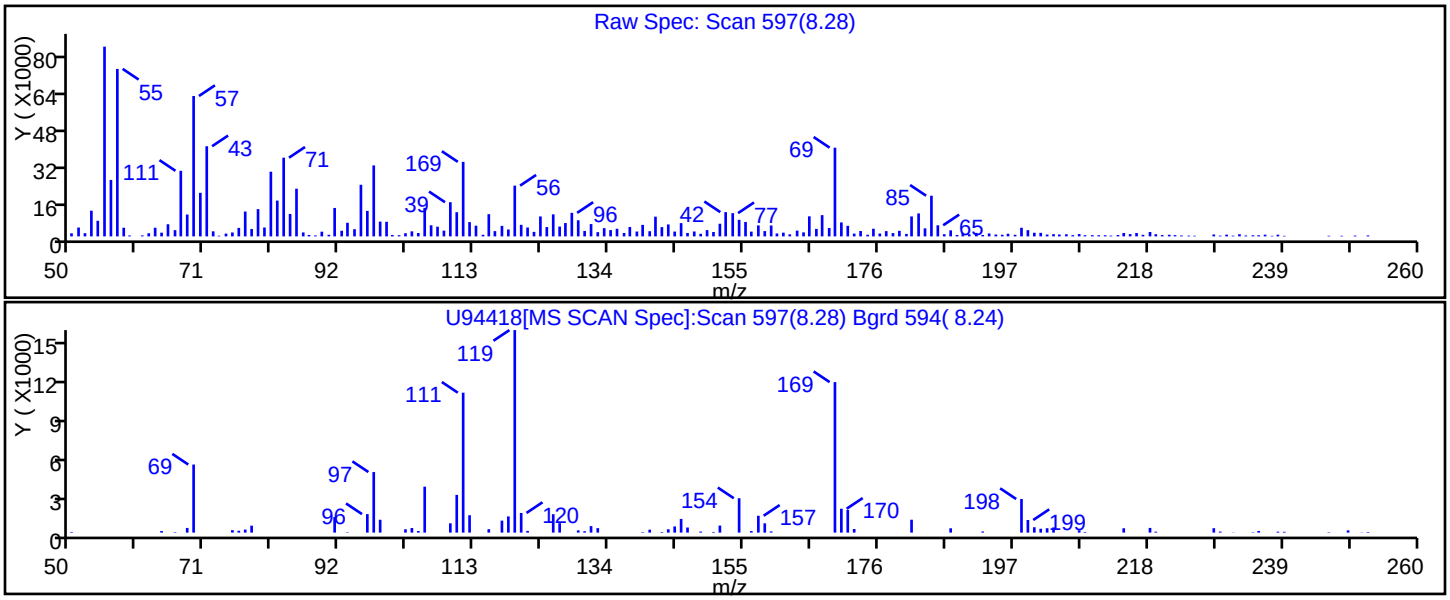


Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D

Injection Date:	11-Mar-2014 10:16:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D

Injection Date: 11-Mar-2014 10:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-15-A Lab Sample ID: 460-72174-15

Client ID: PMP-6SW-SI

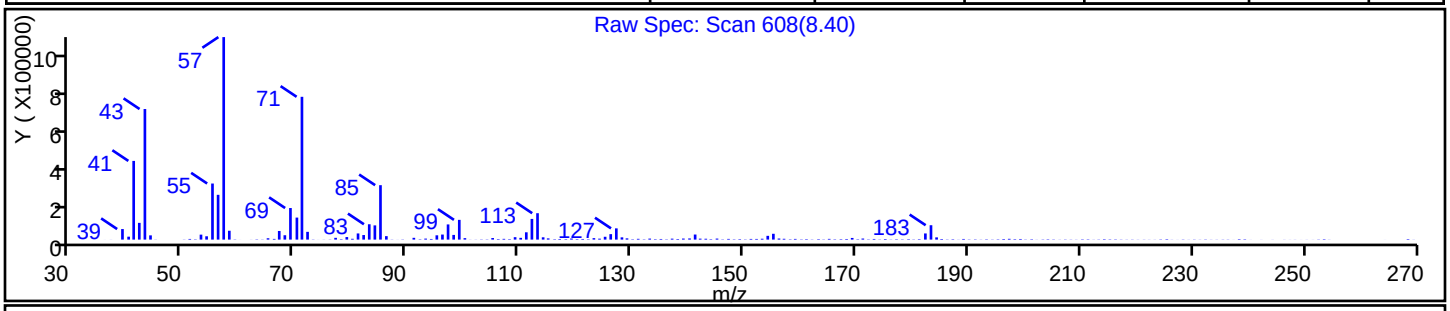
Operator ID: ALS Bottle#: 15 Worklist Smp#: 15

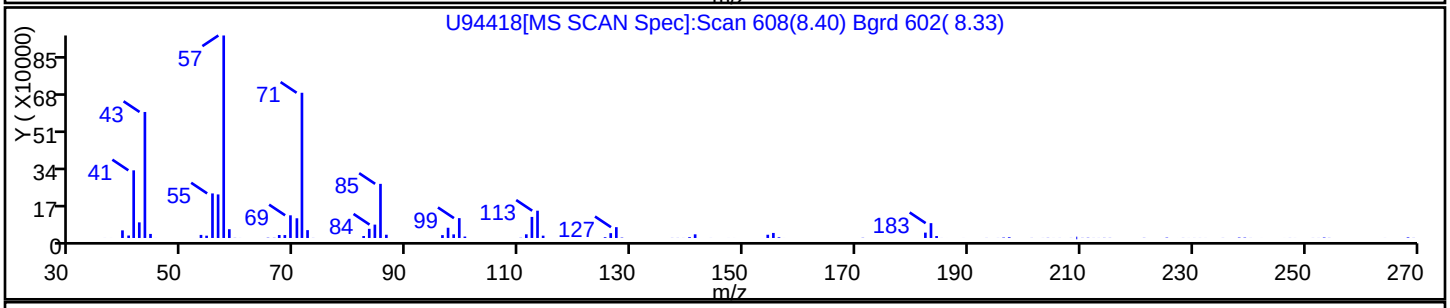
Injection Vol: 1.0 ul Dil. Factor: 1.0000

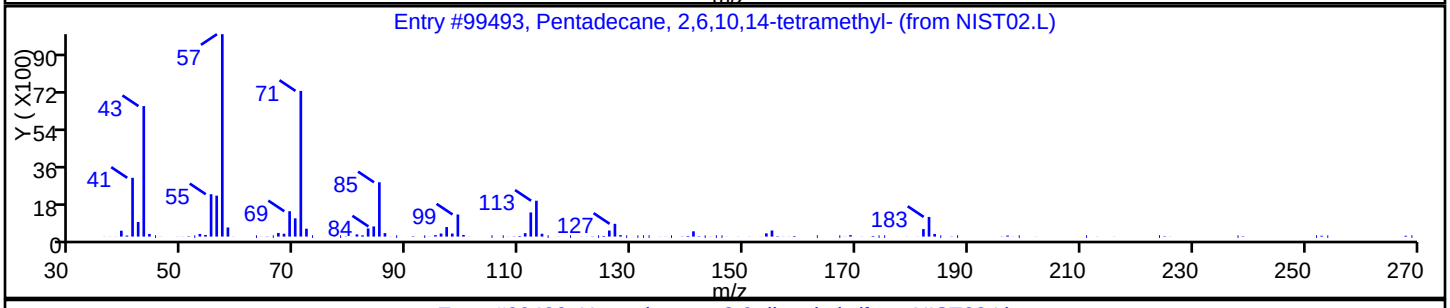
Method: 8270_4R Limit Group: SV 8270 ICAL

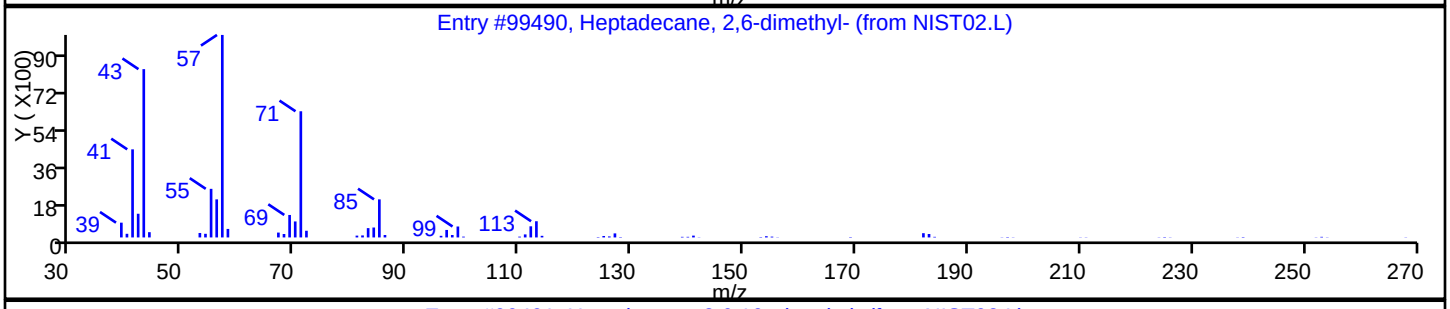
Column: Detector MS SCAN

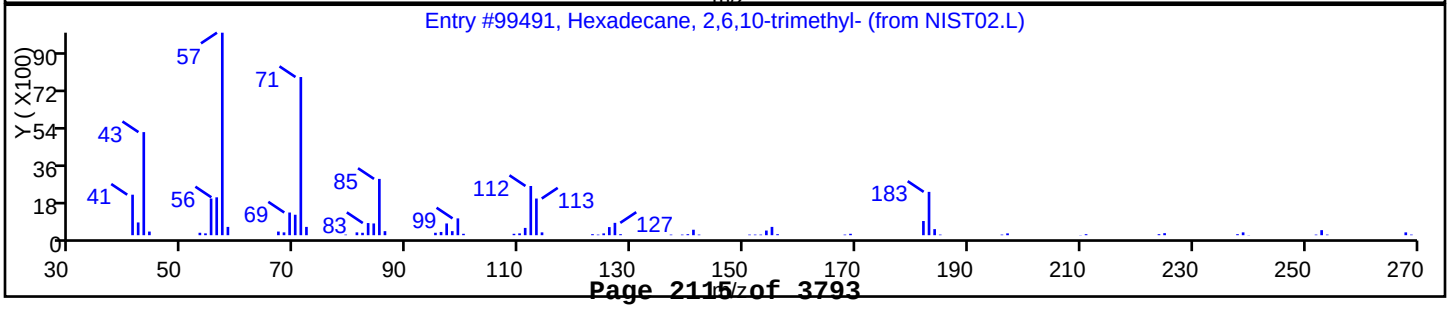
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99493	C19H40	268	98
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	C19H40	268	94
Hexadecane, 2,6,10-trimethyl-	55000-52-7	NIST02.L	99491	C19H40	268	93









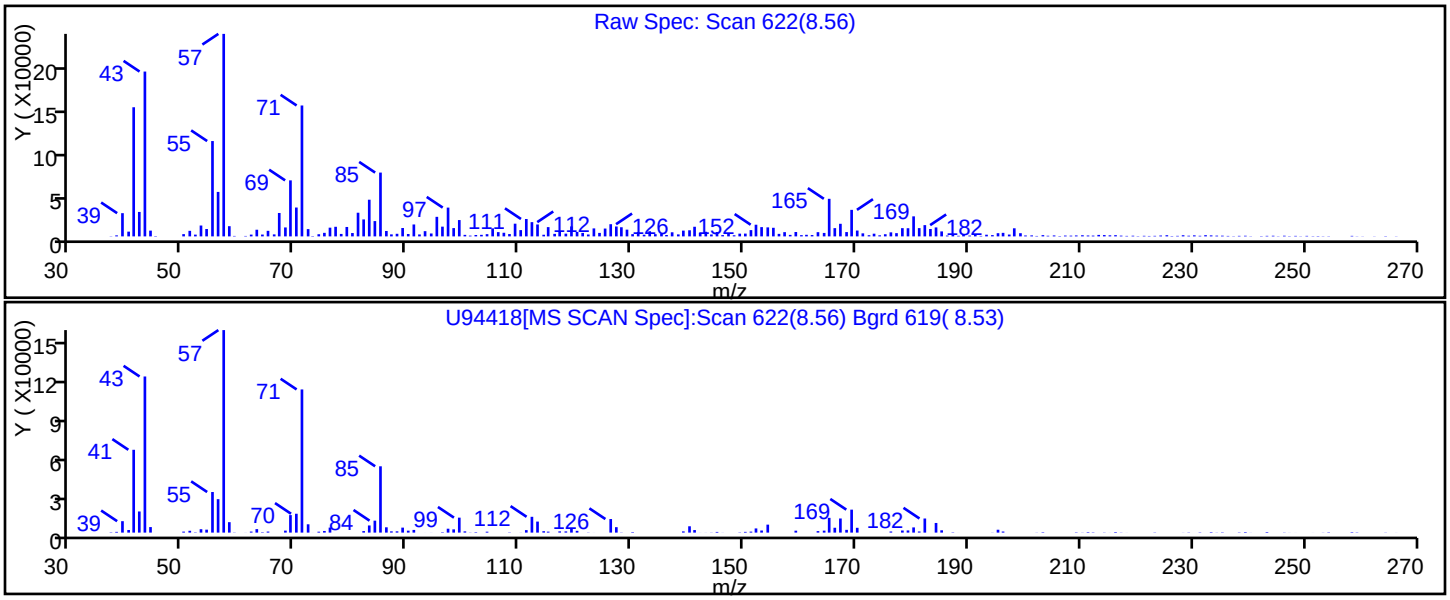


Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D

Injection Date:	11-Mar-2014 10:16:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		

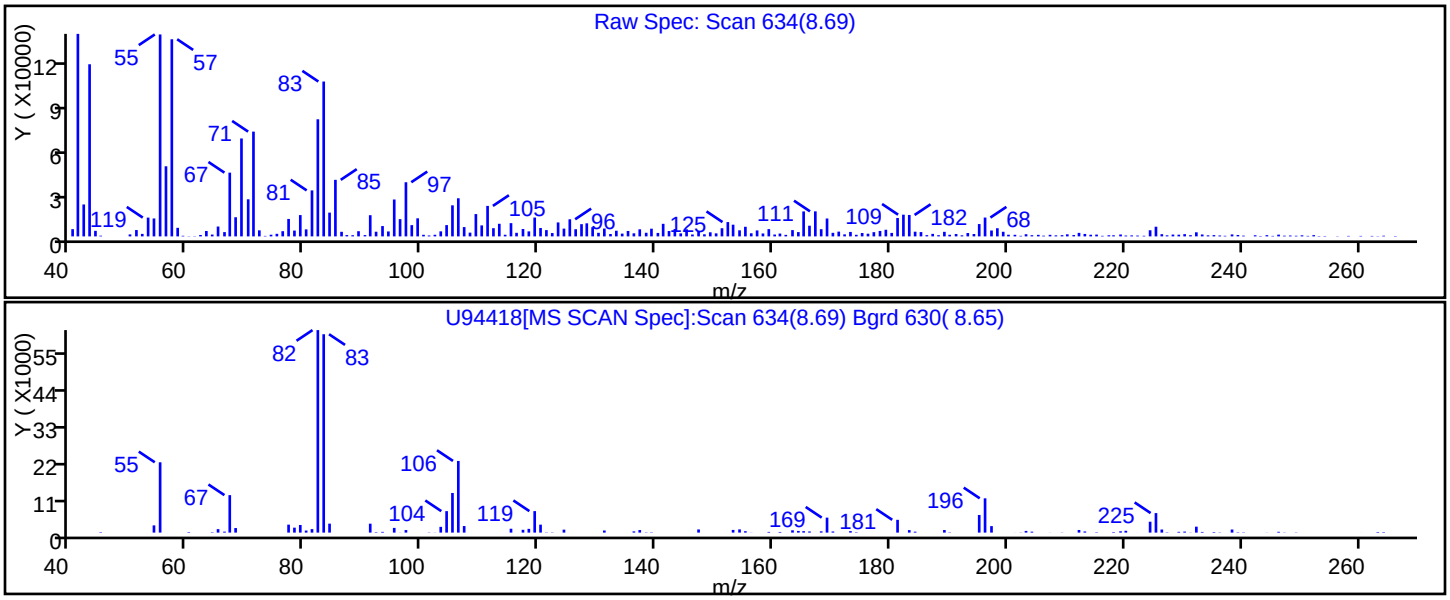


Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D

Injection Date:	11-Mar-2014 10:16:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Solution	No Library Matches Found above the Threshold: 80	Detector	MS SCAN		



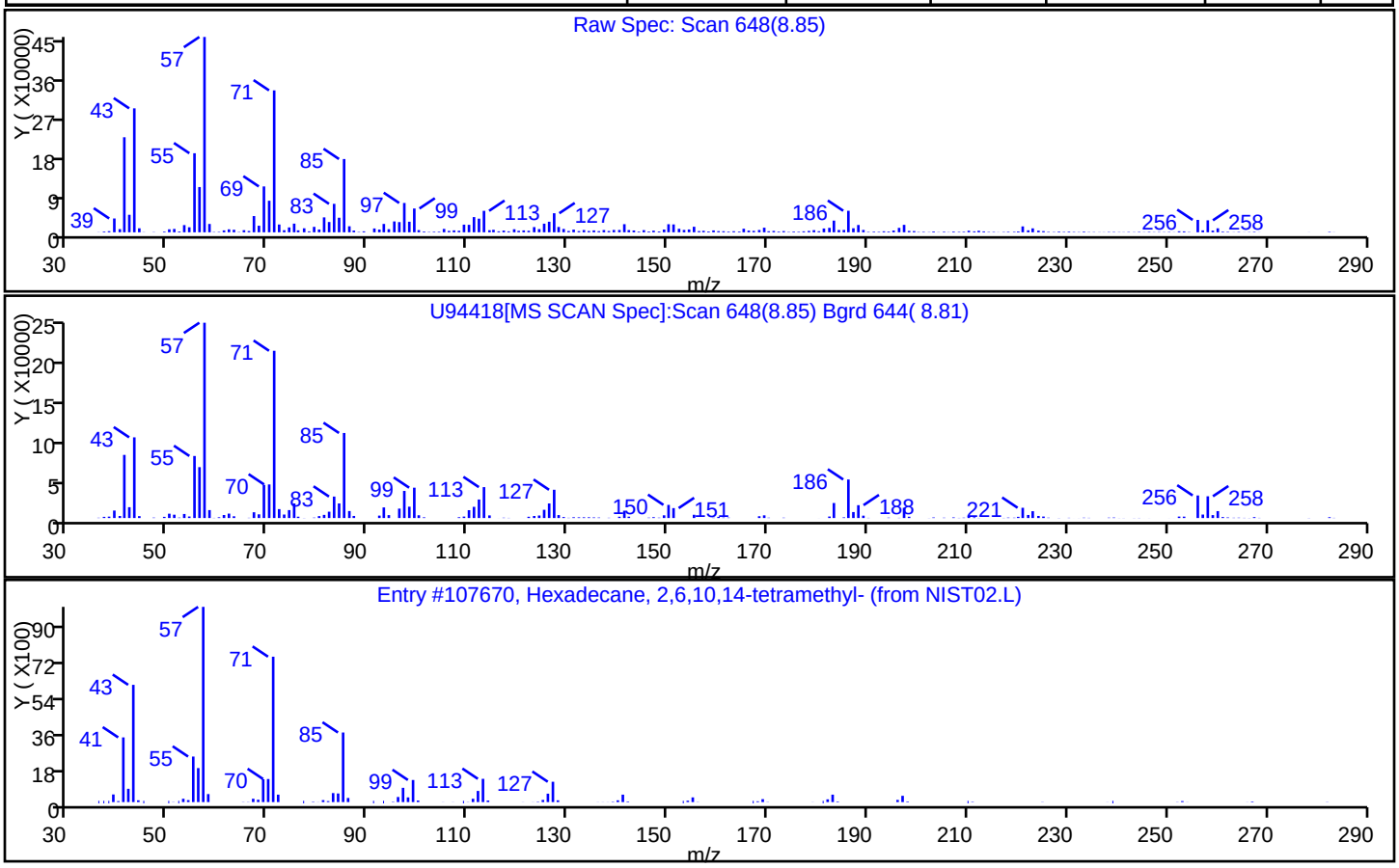
Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D

Injection Date:	11-Mar-2014 10:16:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	C20H42	282	96



Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D

Injection Date: 11-Mar-2014 10:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-15-A Lab Sample ID: 460-72174-15

Client ID: PMP-6SW-SI

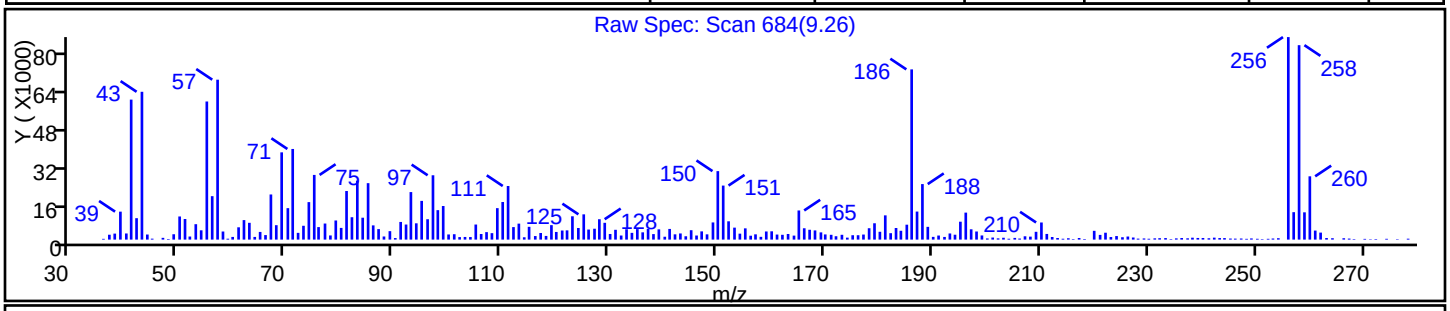
Operator ID: ALS Bottle#: 15 Worklist Smp#: 15

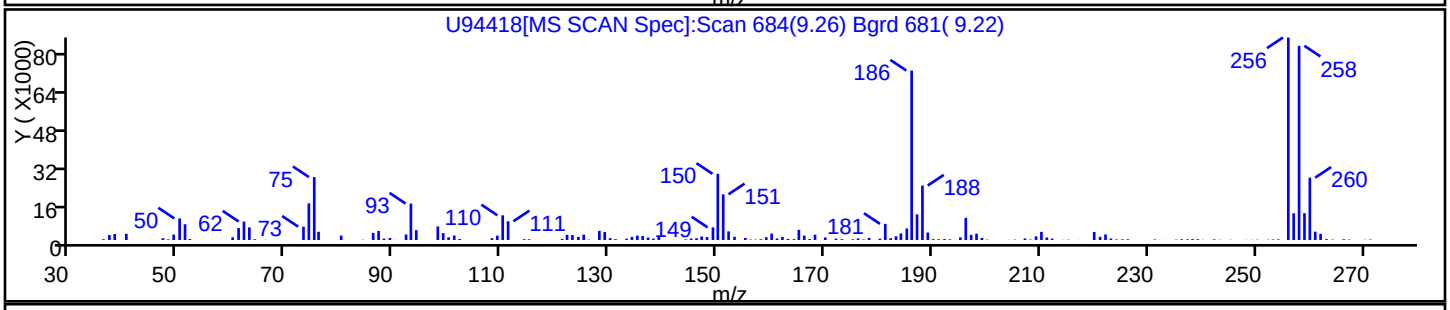
Injection Vol: 1.0 ul Dil. Factor: 1.0000

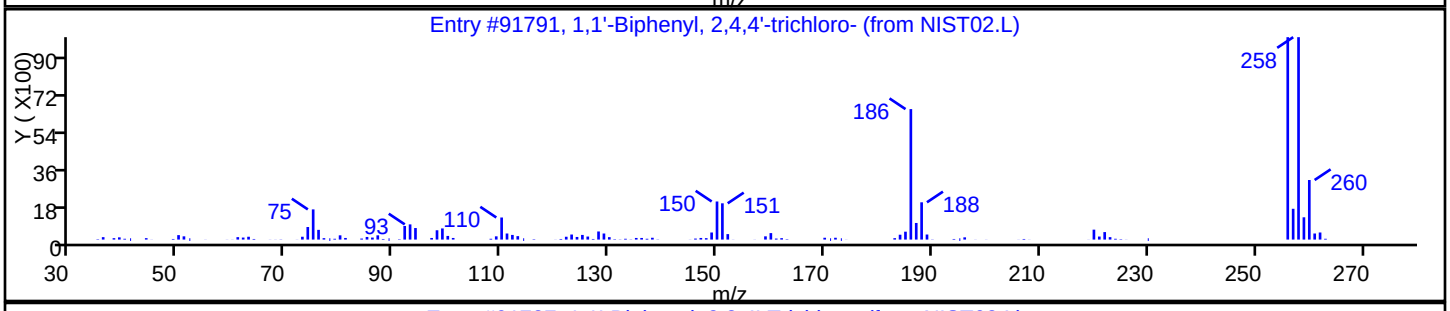
Method: 8270_4R Limit Group: SV 8270 ICAL

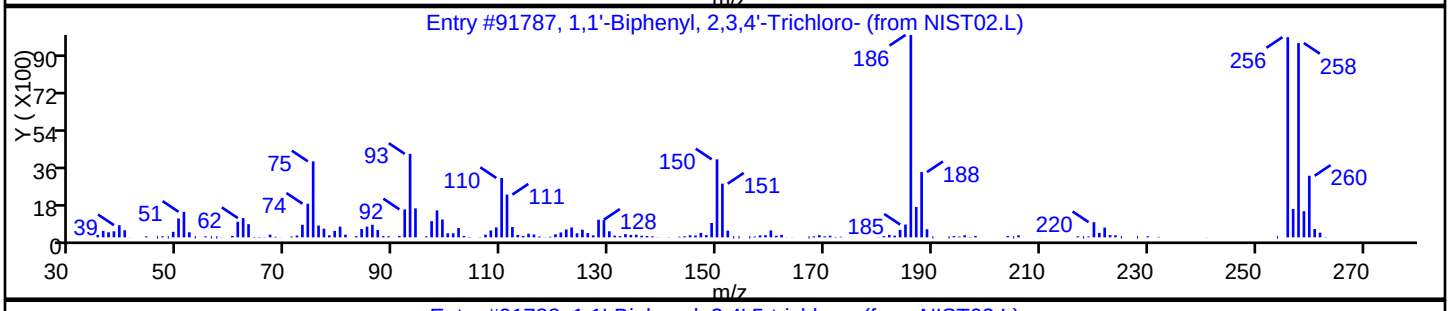
Column: Detector MS SCAN

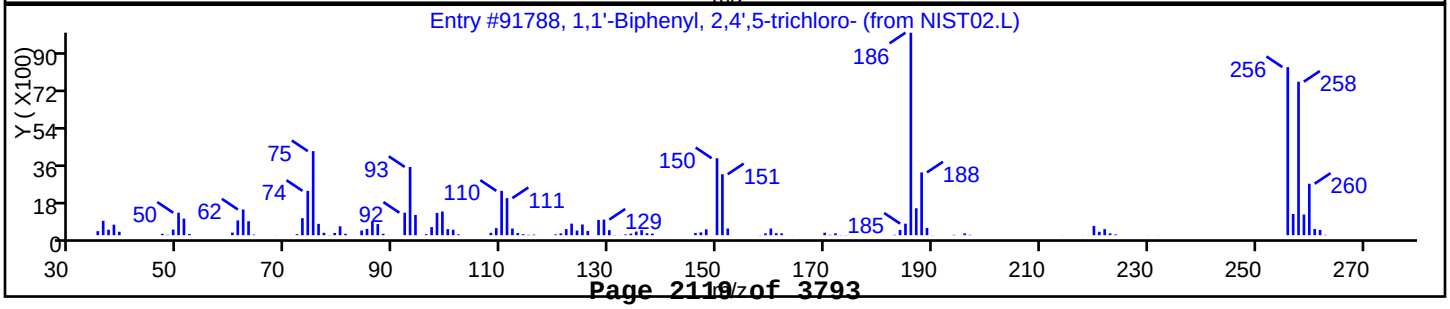
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	97
1,1'-Biphenyl, 2,3,4'-Trichloro-	38444-85-8	NIST02.L	91787	C12H7Cl3	256	95
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	95











Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D

Injection Date: 11-Mar-2014 10:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-15-A Lab Sample ID: 460-72174-15

Client ID: PMP-6SW-SI

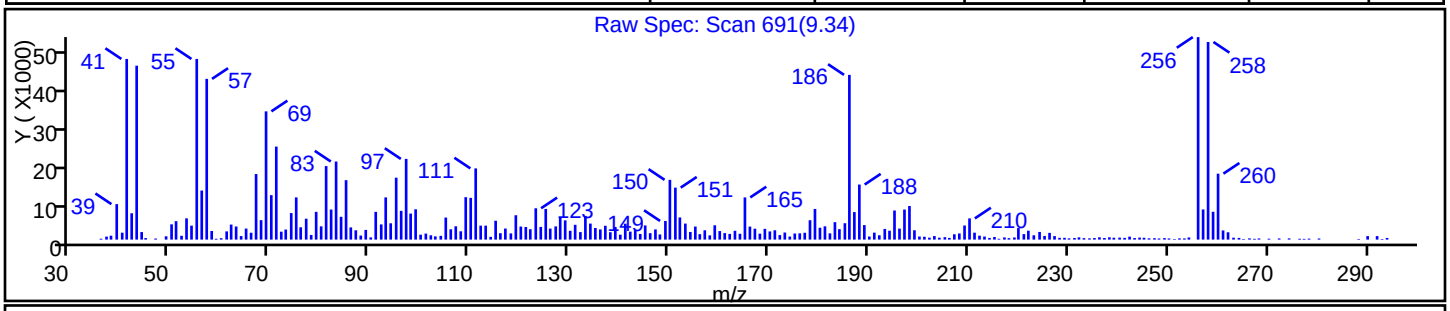
Operator ID: ALS Bottle#: 15 Worklist Smp#: 15

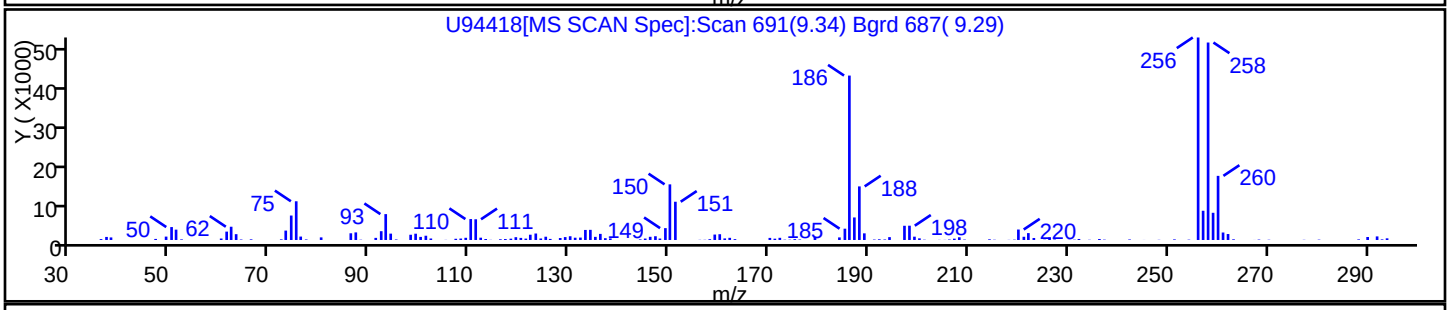
Injection Vol: 1.0 ul Dil. Factor: 1.0000

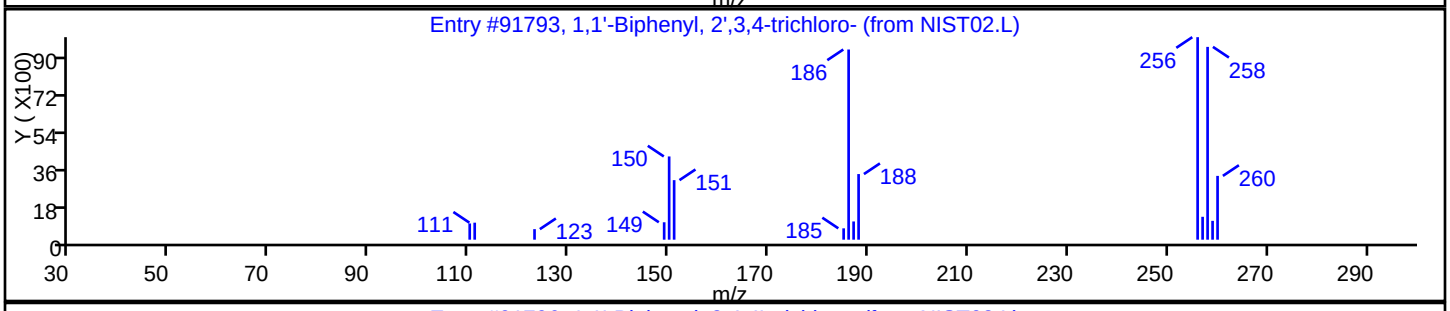
Method: 8270_4R Limit Group: SV 8270 ICAL

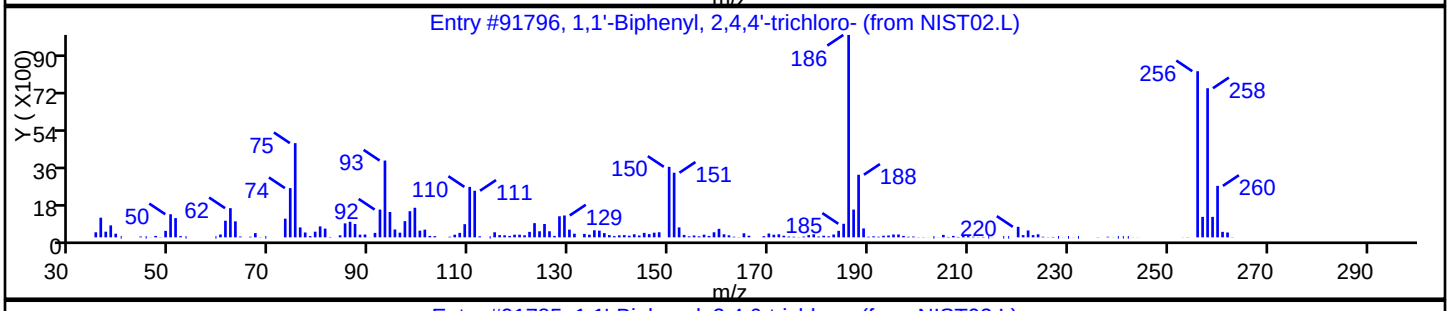
Column: Detector MS SCAN

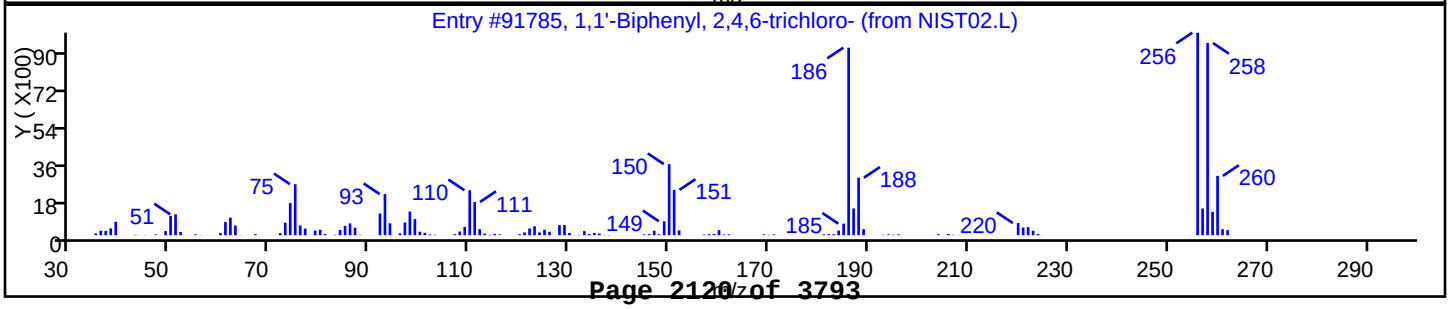
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	97
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91796	C12H7Cl3	256	96
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.L	91785	C12H7Cl3	256	96











Report Date: 13-Mar-2014 11:32:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94418.D

Injection Date: 11-Mar-2014 10:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-15-A Lab Sample ID: 460-72174-15

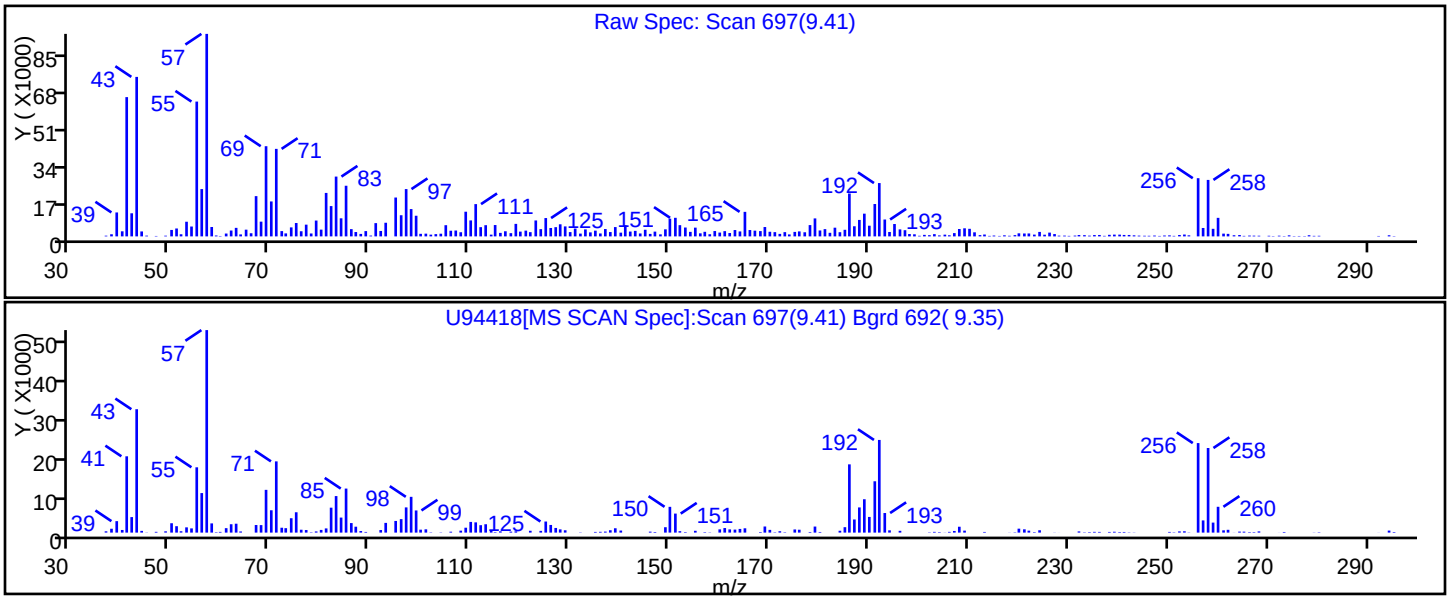
Client ID: PMP-6SW-SI

Operator ID: ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Solution Library Matches Found above the Threshold: 80 Detector MS SCAN



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-VD | Lab Sample ID: 460-72174-16

Matrix: Solid | Lab File ID: U94419.D

Analysis Method: 8270C | Date Collected: 03/06/2014 11:45

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.04(g) | Date Analyzed: 03/11/2014 10:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	60	U	350	60
106-44-5	4-Methylphenol	69	U	350	69
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	54	U	350	54
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	35	5.8
98-95-3	Nitrobenzene	5.0	U *	35	5.0
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	42	U	350	42
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	86	U	350	86
120-83-2	2,4-Dichlorophenol	51	U	350	51
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
91-20-3	Naphthalene	41	U	350	41
106-47-8	4-Chloroaniline	93	U	350	93
87-68-3	Hexachlorobutadiene	8.6	U	71	8.6
105-60-2	Caprolactam	81	U	350	81
59-50-7	4-Chloro-3-methylphenol	53	U	350	53
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	45	U	350	45
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	150	U	710	150
606-20-2	2,6-Dinitrotoluene	11	U	71	11
131-11-3	Dimethyl phthalate	42	U	350	42
208-96-8	Acenaphthylene	41	U	350	41
99-09-2	3-Nitroaniline	120	U	710	120
83-32-9	Acenaphthene	51	U	350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-VD | Lab Sample ID: 460-72174-16

Matrix: Solid | Lab File ID: U94419.D

Analysis Method: 8270C | Date Collected: 03/06/2014 11:45

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.04(g) | Date Analyzed: 03/11/2014 10:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	42	U	350	42
86-73-7	Fluorene	45	U	350	45
206-44-0	Fluoranthene	47	U	350	47
84-74-2	Di-n-butyl phthalate	43	U	350	43
121-14-2	2,4-Dinitrotoluene	12	U	71	12
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
534-52-1	4,6-Dinitro-2-methylphenol	95	U	1100	95
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	54	U	350	54
120-12-7	Anthracene	43	U	350	43
86-74-8	Carbazole	41	U	350	41
85-01-8	Phenanthrene	45	U	350	45
87-86-5	Pentachlorophenol	100	U	1100	100
129-00-0	Pyrene	29	U	350	29
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.7	U	35	2.7
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
86-30-6	N-Nitrosodiphenylamine	35	U	350	35
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	22	U	350	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	710	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	350	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-VD | Lab Sample ID: 460-72174-16

Matrix: Solid | Lab File ID: U94419.D

Analysis Method: 8270C | Date Collected: 03/06/2014 11:45

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.04(g) | Date Analyzed: 03/11/2014 10:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	57		40-106
4165-62-2	Phenol-d5	69		44-104
1718-51-0	Terphenyl-d14	87		41-145
118-79-6	2,4,6-Tribromophenol	97		19-114
367-12-4	2-Fluorophenol	57		39-103
321-60-8	2-Fluorobiphenyl	83		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-VD | Lab Sample ID: 460-72174-16

Matrix: Solid | Lab File ID: U94419.D

Analysis Method: 8270C | Date Collected: 03/06/2014 11:45

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.04(g) | Date Analyzed: 03/11/2014 10:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 70060

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	6.92	850	J
18344-37-1	Heptadecane, 2,6,10,14-tetramethyl-	7.19	6000	J N
	Unknown	7.25	1000	J
	Unknown	7.37	2700	J
629-62-9	Pentadecane	7.41	5000	J N
	Unknown	7.44	11000	J
1560-88-9	Octadecane, 2-methyl-	7.72	2800	J N
	Unknown	7.85	3100	J
544-76-3	Hexadecane	7.90	7300	J N
	Unknown	8.01	3500	J
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.12	9800	J N
57383-81-0	Phenol, 2,3,5-tribromo-	8.23	1700	J N
54105-67-8	Heptadecane, 2,6-dimethyl-	8.38	4000	J N
2040-95-1	Cyclopentane, butyl-	8.57	1700	J N
	Unknown	8.60	880	J
	Unknown	8.72	1200	J
55045-08-4	Dodecane, 2-methyl-6-propyl-	8.81	1400	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.84	4300	J N
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	9.18	940	J N
	Unknown	9.41	890	J

Report Date: 13-Mar-2014 10:20:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94419.D
Lims ID: 460-72174-E-16-A Lab Sample ID: 460-72174-16
Client ID: PMP-2SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 10:39:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-016
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 10:15:53 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 13-Mar-2014 10:20:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.152	3.127	0.025	90	147767	28.4	
$ 6 Phenol-d5	99	4.048	4.071	-0.023	70	218394	34.7	
* 13 1,4-Dichlorobenzene-d4	152	4.419	4.430	-0.011	97	118956	40.0	
$ 25 Nitrobenzene-d5	82	4.966	4.990	-0.024	93	170532	28.4	
* 35 Naphthalene-d8	136	5.690	5.701	-0.011	100	487334	40.0	
41 2-Methylnaphthalene	142	6.402	6.412	-0.010	36	1025	0.1435	
$ 48 2-Fluorobiphenyl	172	6.776	6.785	-0.009	97	270762	41.5	
* 61 Acenaphthene-d10	164	7.440	7.451	-0.011	91	191337	40.0	
$ 76 2,4,6-Tribromophenol	330	8.225	8.230	-0.005	92	35823	48.7	
* 83 Phenanthrene-d10	188	8.912	8.917	-0.005	99	261266	40.0	
$ 91 Terphenyl-d14	244	10.482	10.483	-0.001	97	182416	43.5	
* 96 Chrysene-d12	240	11.678	11.690	-0.012	98	180726	40.0	
* 103 Perylene-d12	264	13.595	13.619	-0.024	98	176356	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94419.D
Lims ID: 460-72174-E-16-A Lab Sample ID: 460-72174-16
Client ID: PMP-2SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 10:39:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-016
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 10:15:53 Calib Date: 27-Feb-2014 14:00:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 13-Mar-2014 10:20:51

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
6.924	102063	12.0	61					M
	18344-37-1	Heptadecane, 2,6,10,14-tetramethyl-						
7.193	729617	85.6	61	91	115580	C21H44	296	M
		Unknown						
7.249	126052	14.8	61					M
		Unknown						
7.373	325608	38.2	61					M
	629-62-9	Pentadecane						
7.407	607495	71.3	61	95	64571	C15H32	212	M
		Unknown						
7.440	1273860	149.5	61					M
	1560-88-9	Octadecane, 2-methyl-						
7.720	341778	40.1	61	90	99487	C19H40	268	M
		Unknown						
7.854	373544	43.8	61	0	0		0	M
	544-76-3	Hexadecane						
7.899	880005	103.3	61	97	73964	C16H34	226	M
		Unknown						
8.012	428054	50.2	61					M
	3892-00-0	Pentadecane, 2,6,10-trimethyl-						
8.124	1179401	138.4	61	86	91053	C18H38	254	M
	57383-81-0	Phenol, 2,3,5-tribromo-						
8.225	666255	24.5	83	96	132016	C6H3Br3O	328	M

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	54105-67-8	Heptadecane, 2,6-dimethyl-						
8.383	1533159	56.4	83	94	99490	C19H40	268	M
	2040-95-1	Cyclopentane, butyl-						
8.574	648101	23.9	83	87	11172	C9H18	126	M
		Unknown						
8.597	340080	12.5	83					M
		Unknown						
8.721	445282	16.4	83	0	0		0	M
	55045-08-4	Dodecane, 2-methyl-6-propyl-						
8.811	529070	19.5	83	87	73991	C16H34	226	M
	638-36-8	Hexadecane, 2,6,10,14-tetramethyl-						
8.844	1648426	60.7	83	94	107670	C20H42	282	M
	54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-						
9.182	361978	13.3	83	91	115581	C21H44	296	M
		Unknown						
9.408	341766	12.6	83	0	0		0	M

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.340	340817	40.0
* 83 Phenanthrene-d10	8.912	1086655	40.0

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

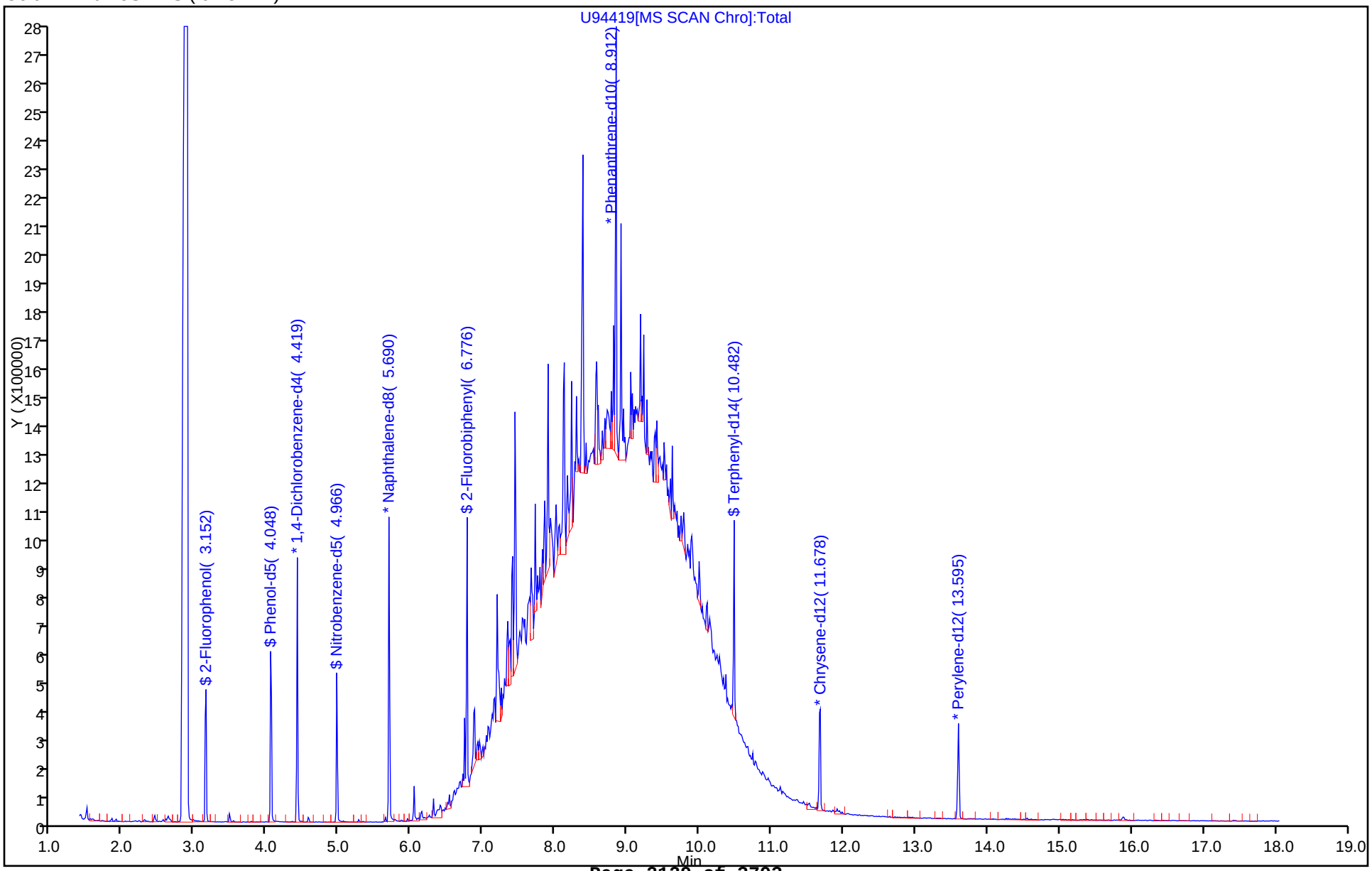
Report Date: 13-Mar-2014 10:20:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94419.D

Injection Date:	11-Mar-2014 10:39:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-72174-E-16-A	Lab Sample ID:	460-72174-16	Worklist Smp#:	16
Client ID:	PMP-2SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8270_4R	Limit Group:	SV 8270 ICAL		

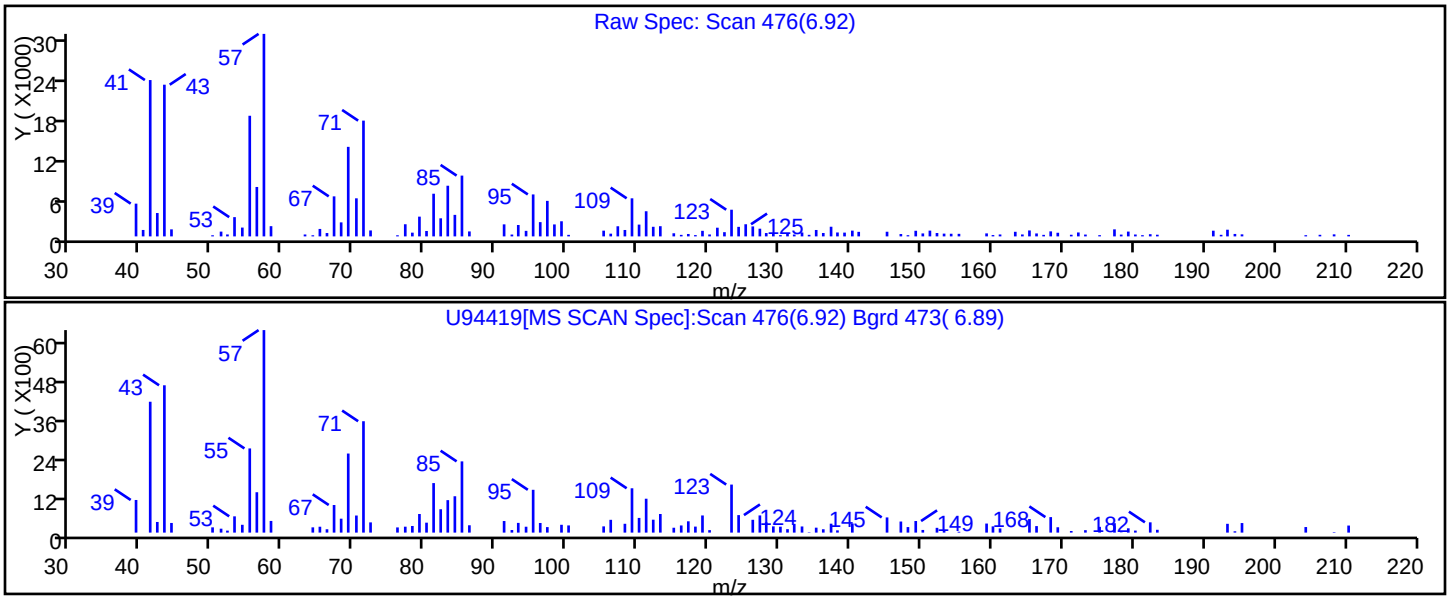
Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 13-Mar-2014 10:20:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94419.D				
Injection Date:	11-Mar-2014 10:39:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-16-A	Lab Sample ID:	460-72174-16		
Client ID:	PMP-2SW-VD				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 13-Mar-2014 10:20:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94419.D

Injection Date: 11-Mar-2014 10:39:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-16-A Lab Sample ID: 460-72174-16

Client ID: PMP-2SW-VD

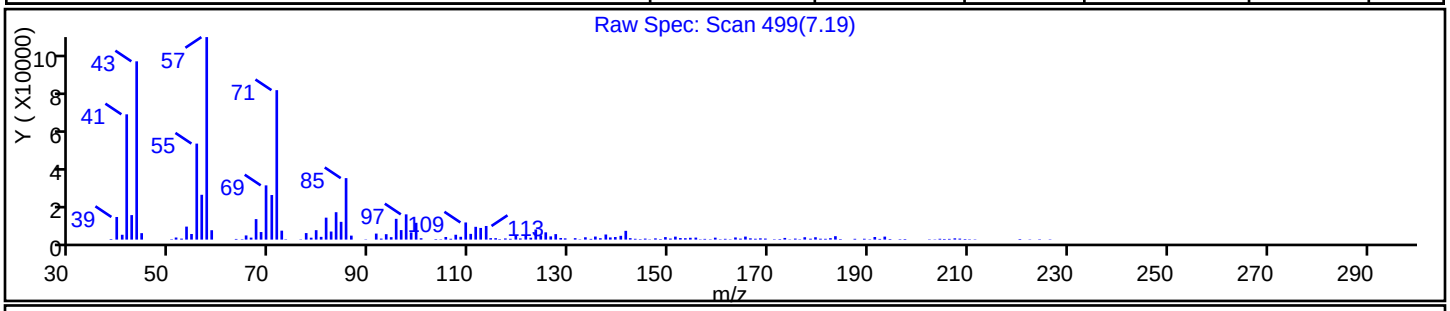
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16

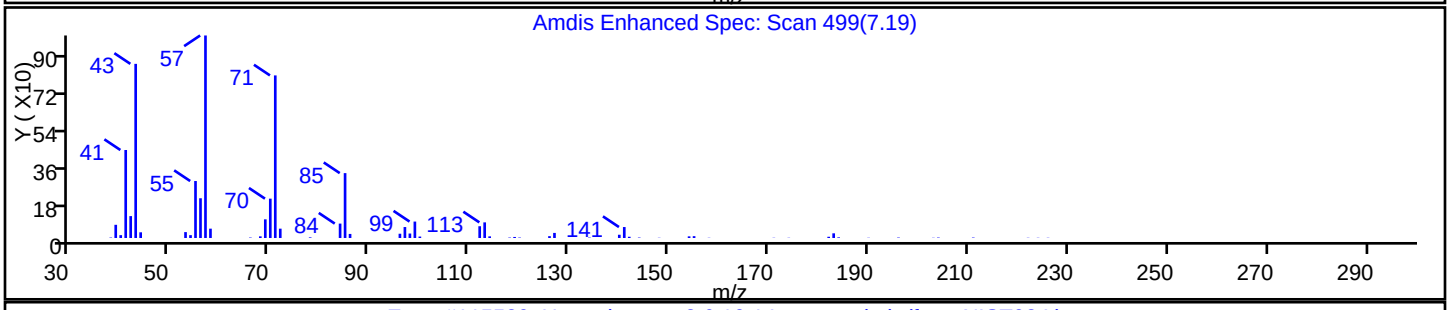
Injection Vol: 1.0 ul Dil. Factor: 1.0000

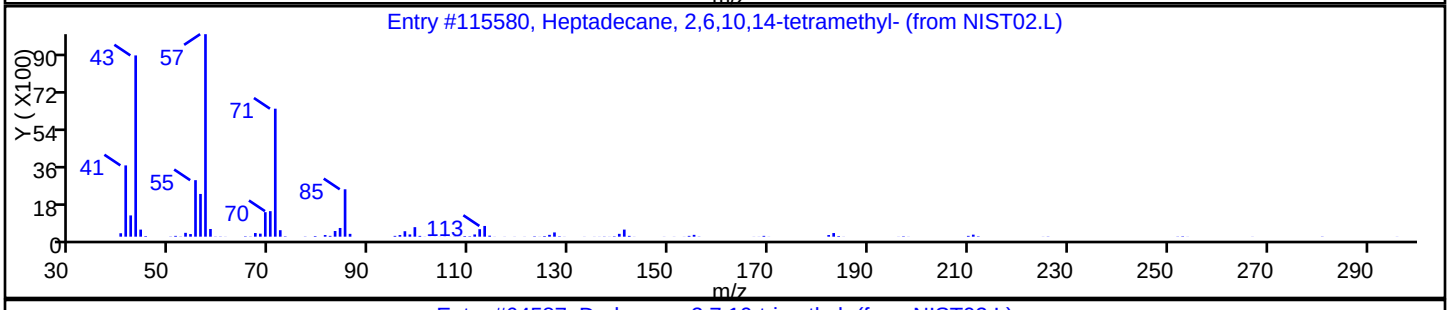
Method: 8270_4R Limit Group: SV 8270 ICAL

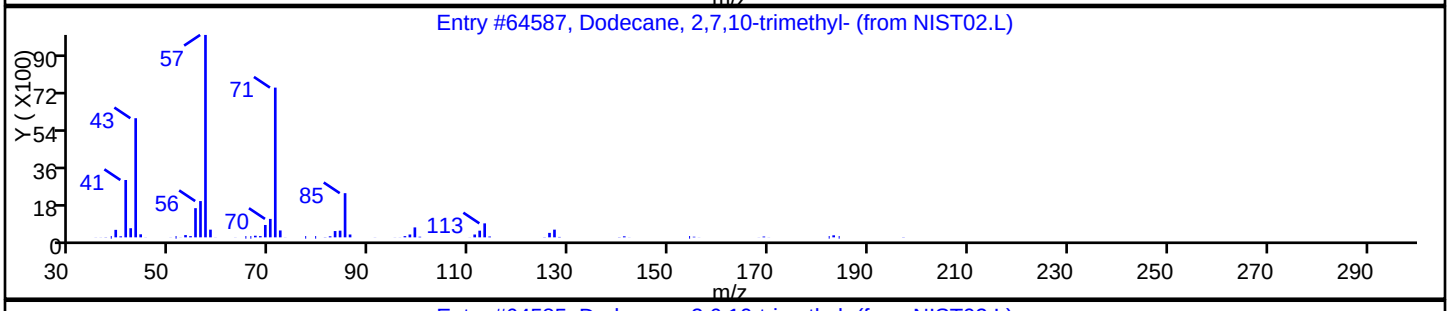
Column: Detector MS SCAN

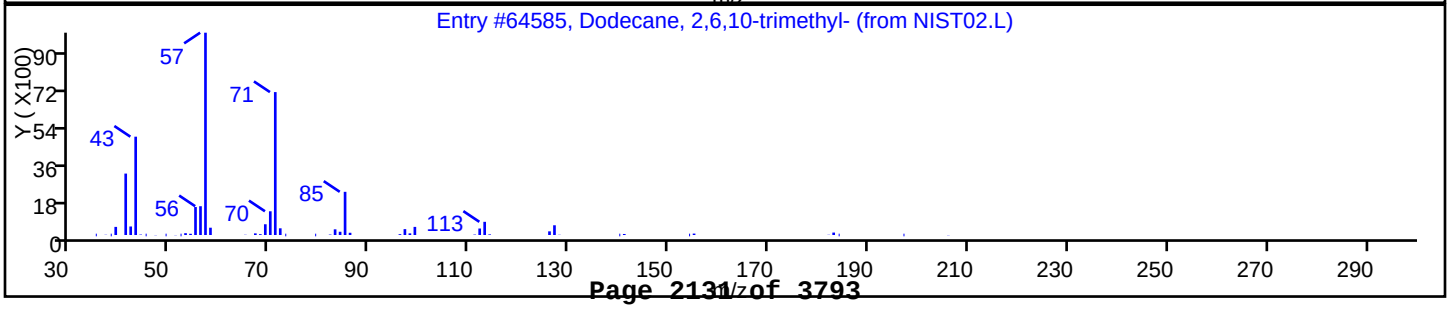
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptadecane, 2,6,10,14-tetramethyl-	18344-37-1	NIST02.L	115580	C21H44	296	91
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	86
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64585	C15H32	212	86









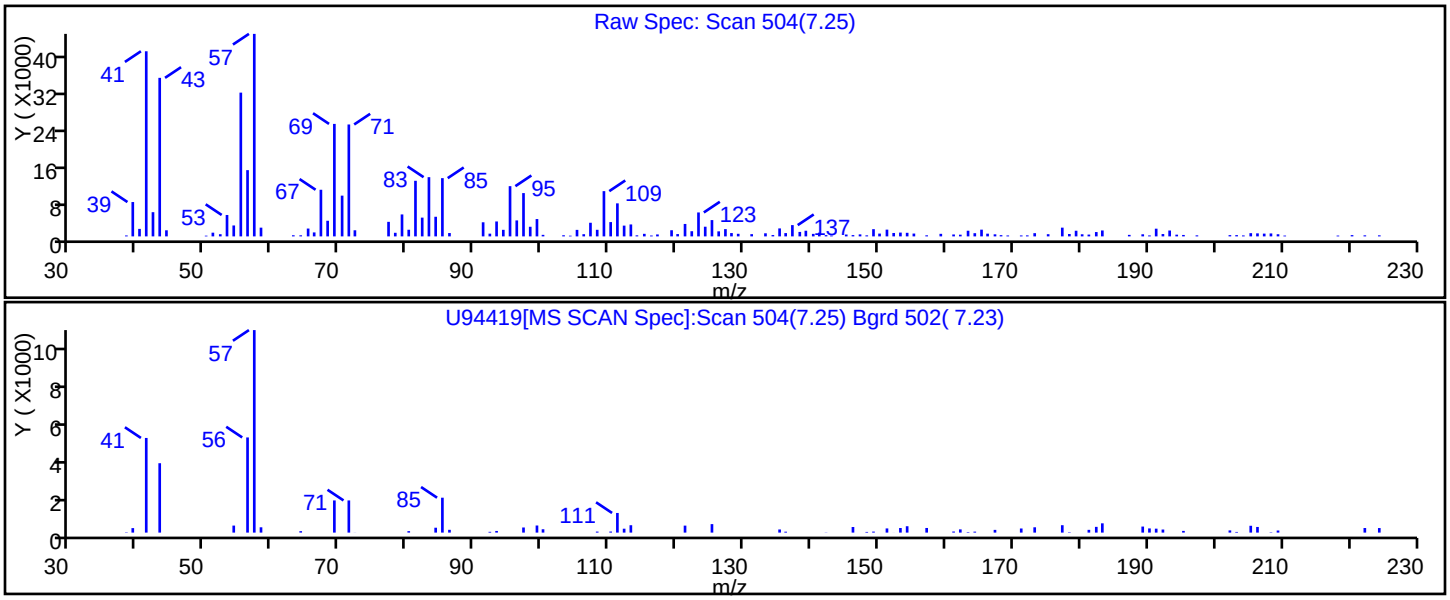


Report Date: 13-Mar-2014 10:20:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94419.D

Injection Date:	11-Mar-2014 10:39:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-16-A	Lab Sample ID:	460-72174-16		
Client ID:	PMP-2SW-VD				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Solution	No Library Matches Found above the Threshold: 80	Detector	MS SCAN		



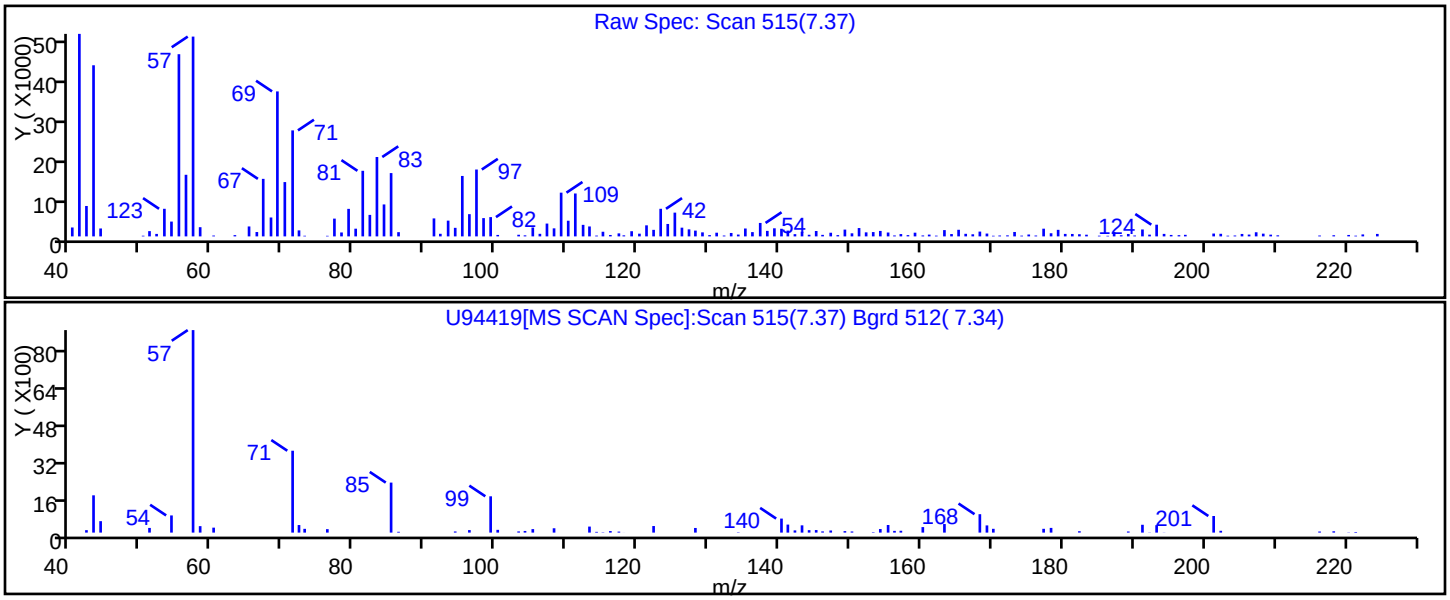
Report Date: 13-Mar-2014 10:20:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94419.D

Injection Date:	11-Mar-2014 10:39:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-16-A	Lab Sample ID:	460-72174-16		
Client ID:	PMP-2SW-VD				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 13-Mar-2014 10:20:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94419.D

Injection Date: 11-Mar-2014 10:39:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-16-A Lab Sample ID: 460-72174-16

Client ID: PMP-2SW-VD

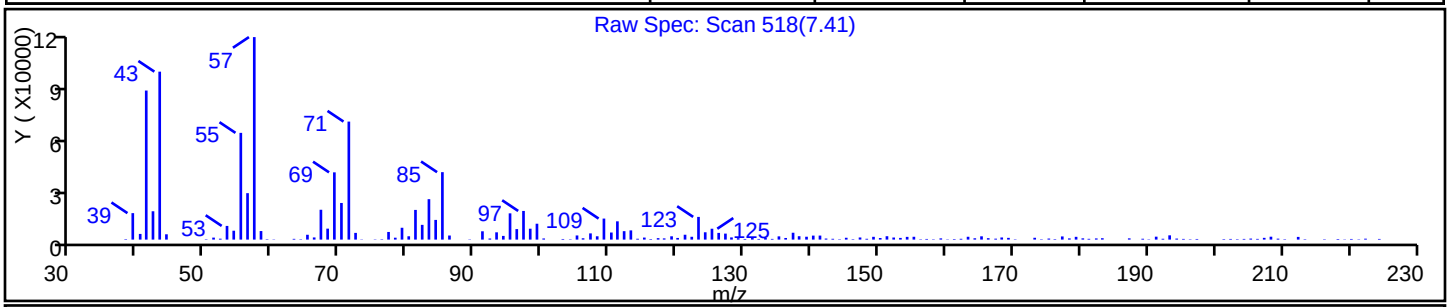
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16

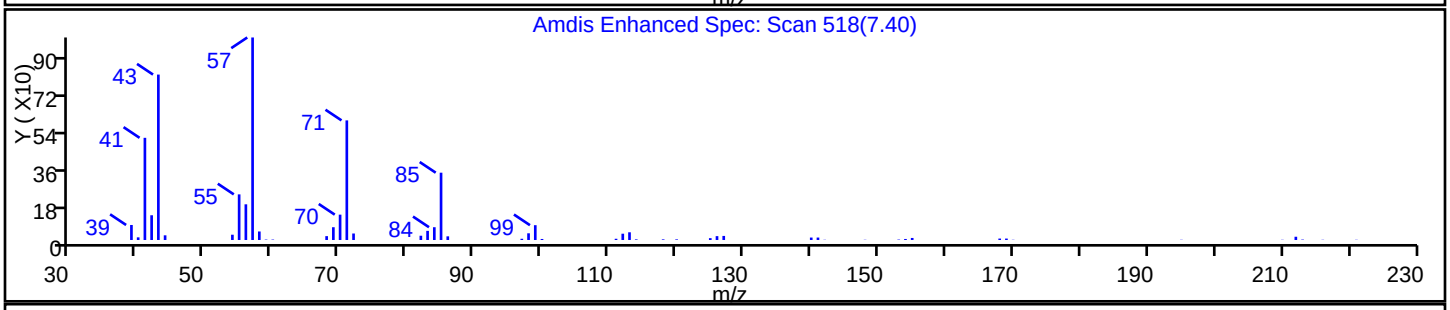
Injection Vol: 1.0 ul Dil. Factor: 1.0000

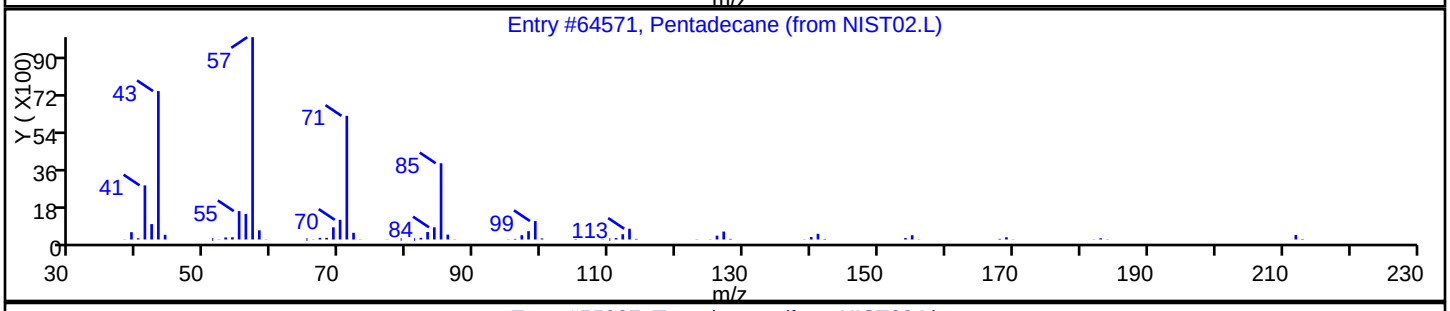
Method: 8270_4R Limit Group: SV 8270 ICAL

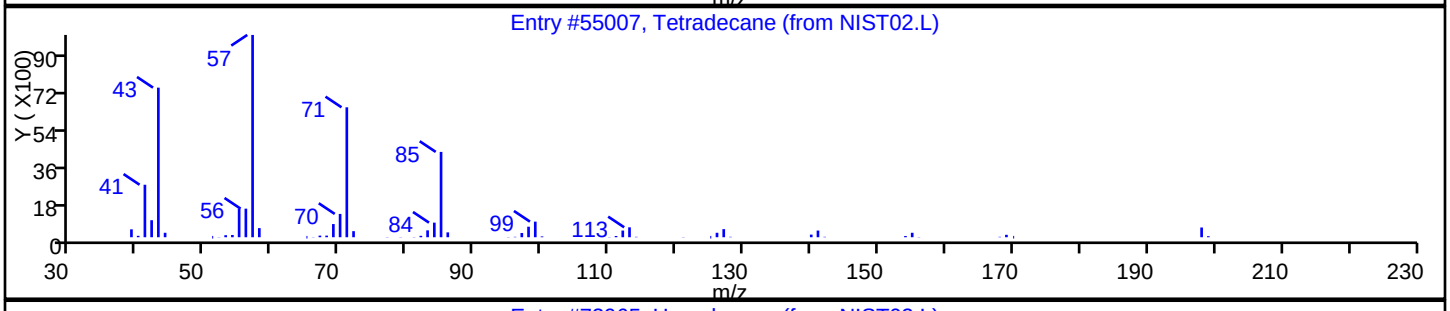
Column: Detector MS SCAN

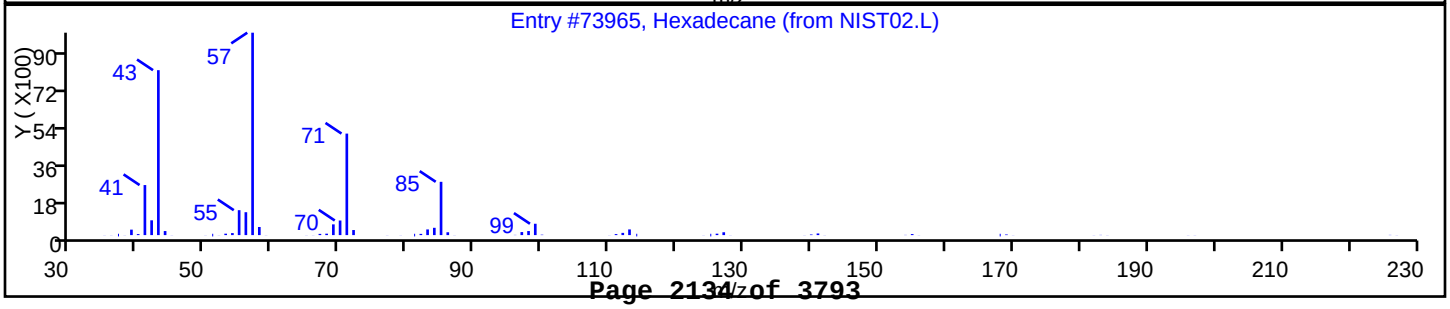
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane	629-62-9	NIST02.L	64571	C15H32	212	95
Tetradecane	629-59-4	NIST02.L	55007	C14H30	198	90
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	90











Report Date: 13-Mar-2014 10:20:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94419.D

Injection Date: 11-Mar-2014 10:39:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-16-A Lab Sample ID: 460-72174-16

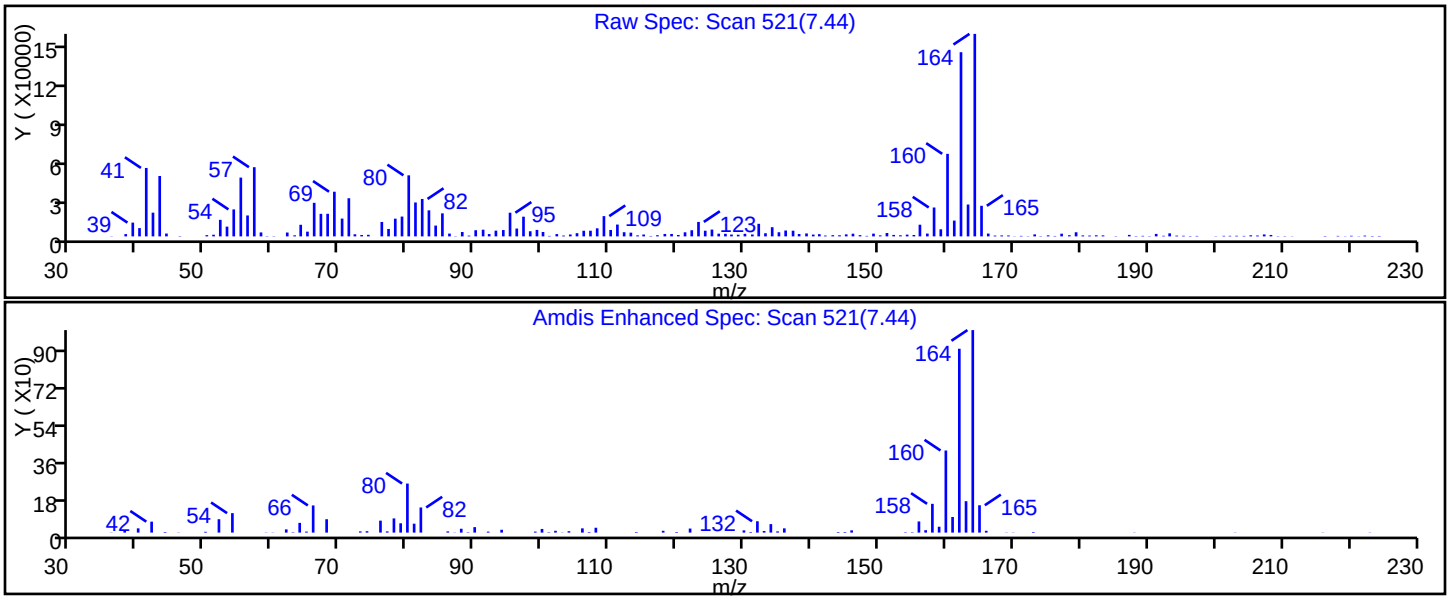
Client ID: PMP-2SW-VD

Operator ID: ALS Bottle#: 16 Worklist Smp#: 16

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Solution Number of Library Matches Found above the Threshold: 80 Detector MS SCAN



Report Date: 13-Mar-2014 10:20:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94419.D

Injection Date: 11-Mar-2014 10:39:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-16-A Lab Sample ID: 460-72174-16

Client ID: PMP-2SW-VD

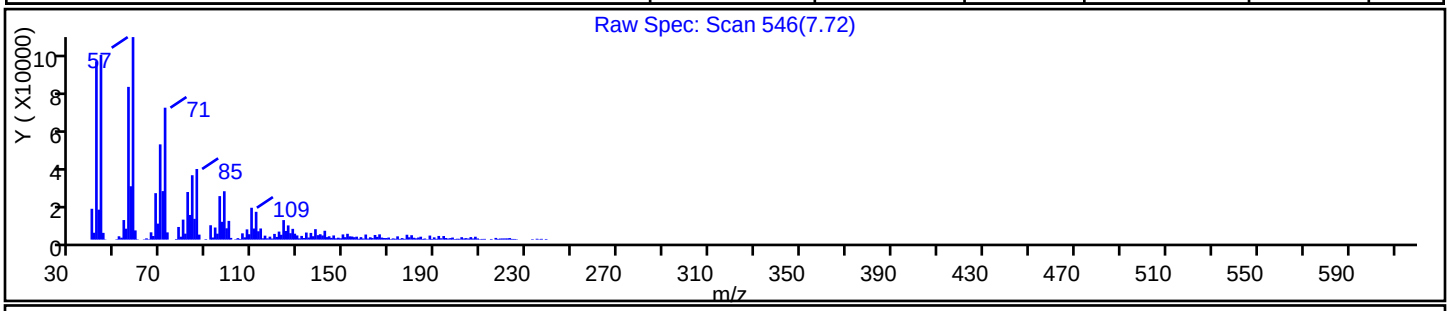
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16

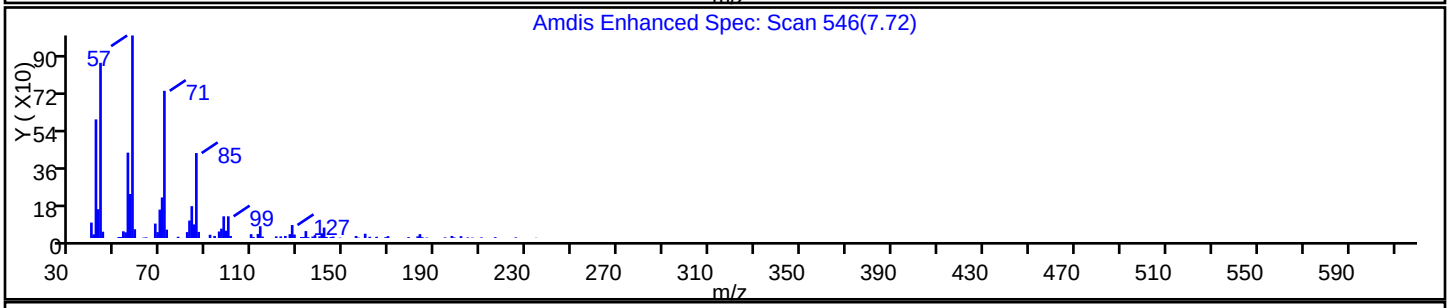
Injection Vol: 1.0 ul Dil. Factor: 1.0000

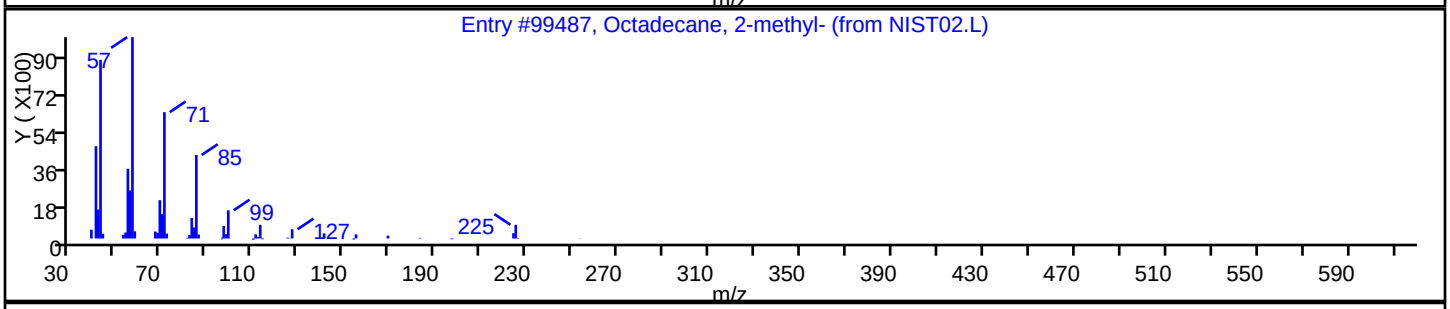
Method: 8270_4R Limit Group: SV 8270 ICAL

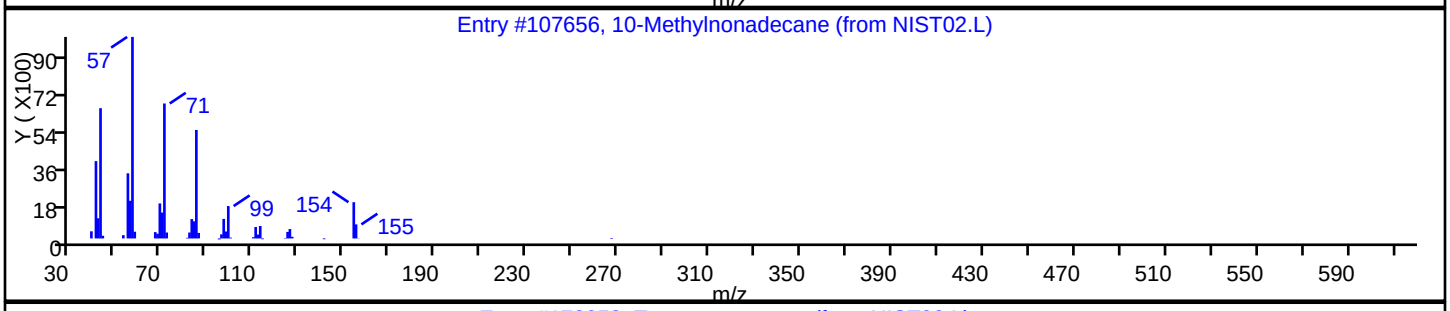
Column: Detector MS SCAN

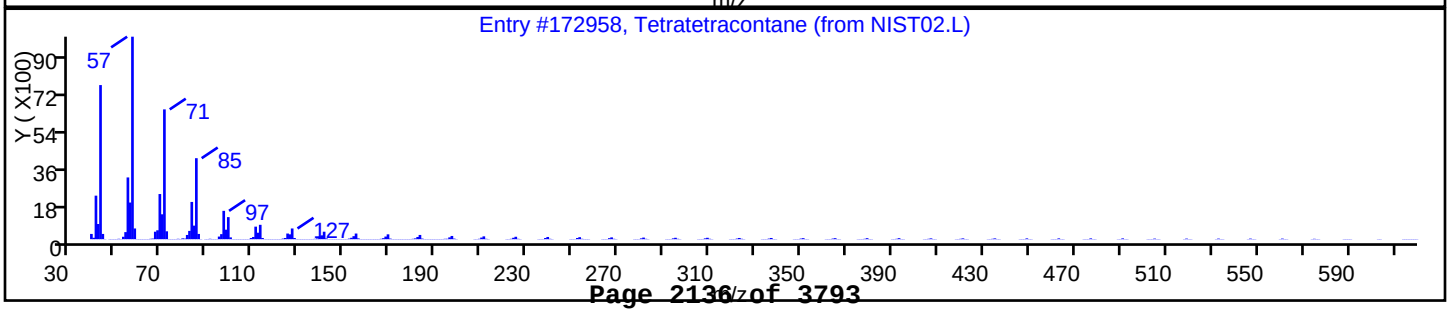
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octadecane, 2-methyl-	1560-88-9	NIST02.L	99487	C19H40	268	90
10-Methylnonadecane	56862-62-5	NIST02.L	107656	C20H42	282	80
Tetratetracontane	7098-22-8	NIST02.L	172958	C44H90	619	80











Report Date: 13-Mar-2014 10:20:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94419.D

Injection Date: 11-Mar-2014 10:39:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-16-A Lab Sample ID: 460-72174-16

Client ID: PMP-2SW-VD

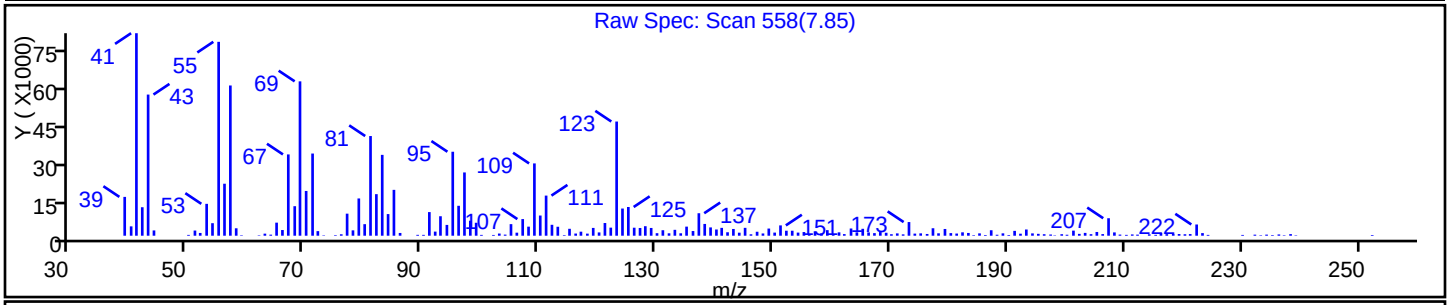
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16

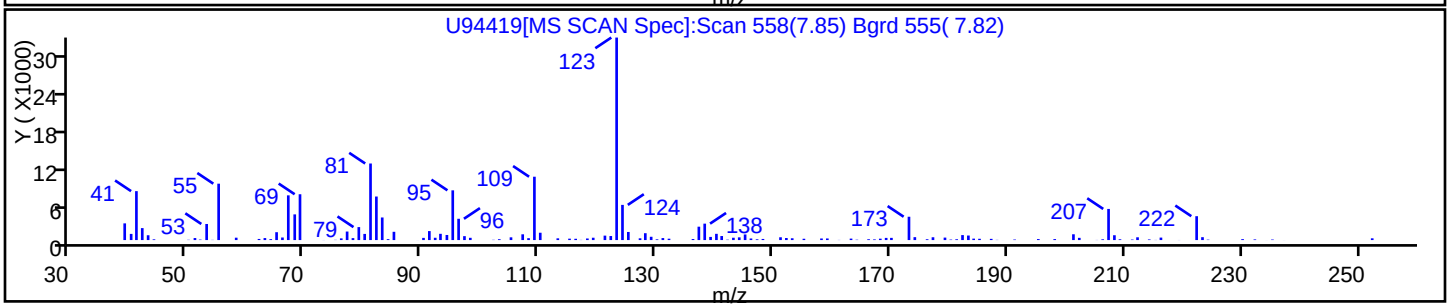
Injection Vol: 1.0 ul Dil. Factor: 1.0000

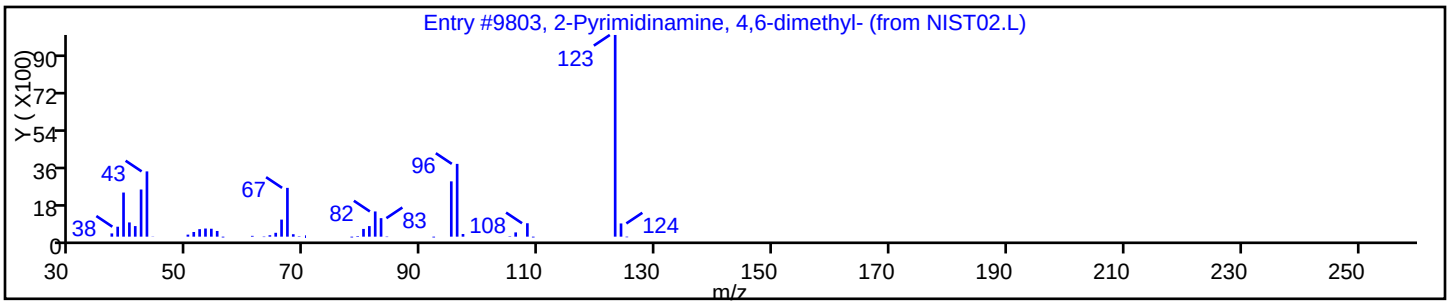
Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown		NIST02.L	0		0	0
2-Pyrimidinamine, 4,6-dimethyl-	767-15-7	NIST02.L	9803	C6H9N3	123	50







Report Date: 13-Mar-2014 10:20:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94419.D

Injection Date: 11-Mar-2014 10:39:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-16-A Lab Sample ID: 460-72174-16

Client ID: PMP-2SW-VD

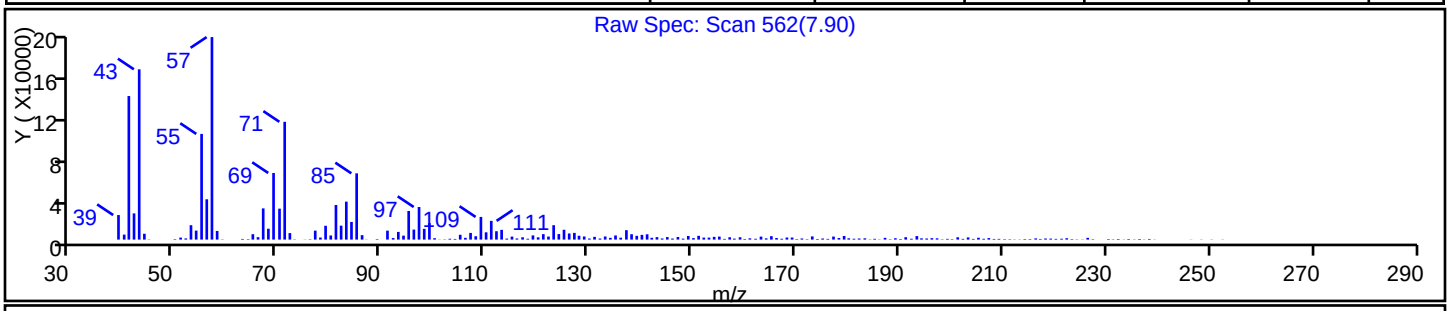
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16

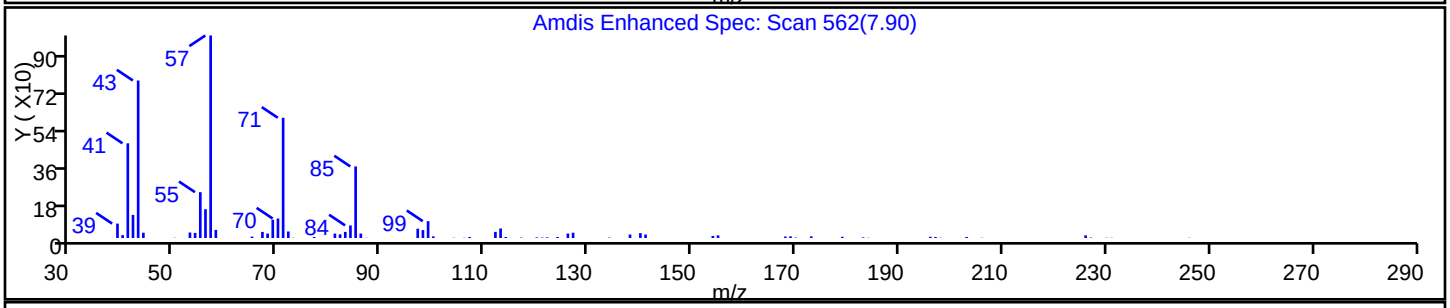
Injection Vol: 1.0 ul Dil. Factor: 1.0000

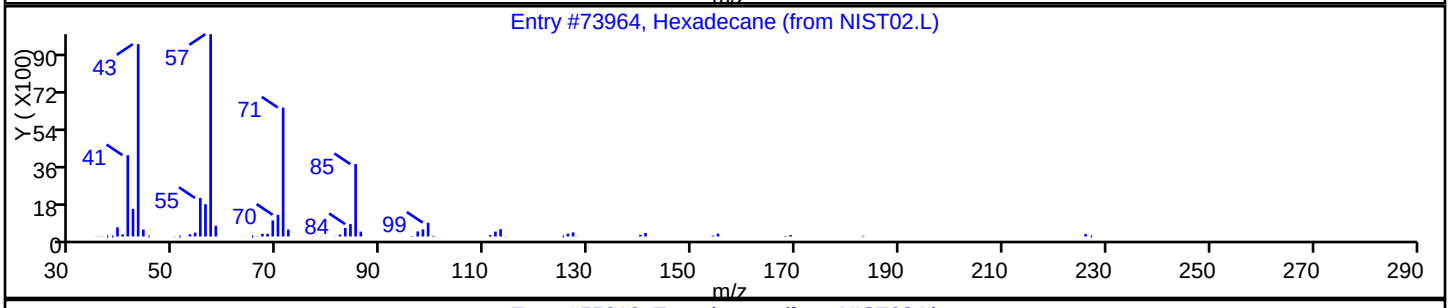
Method: 8270_4R Limit Group: SV 8270 ICAL

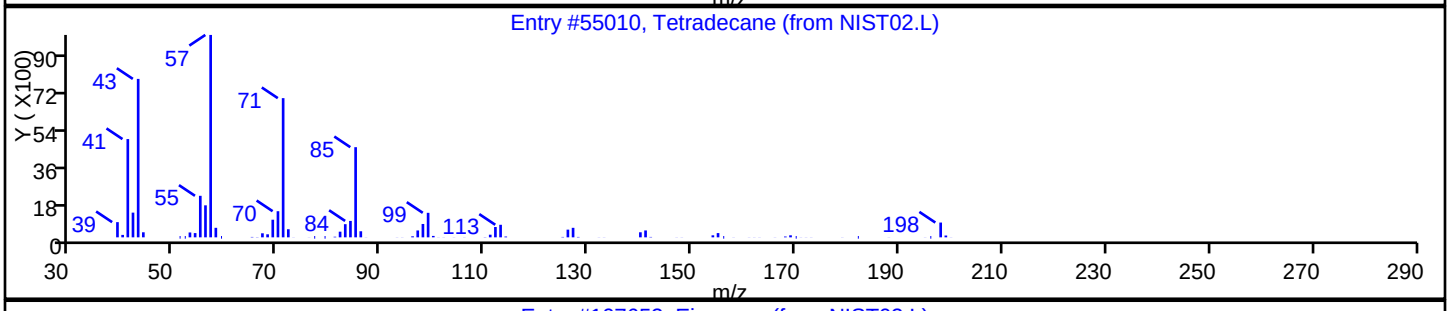
Column: Detector MS SCAN

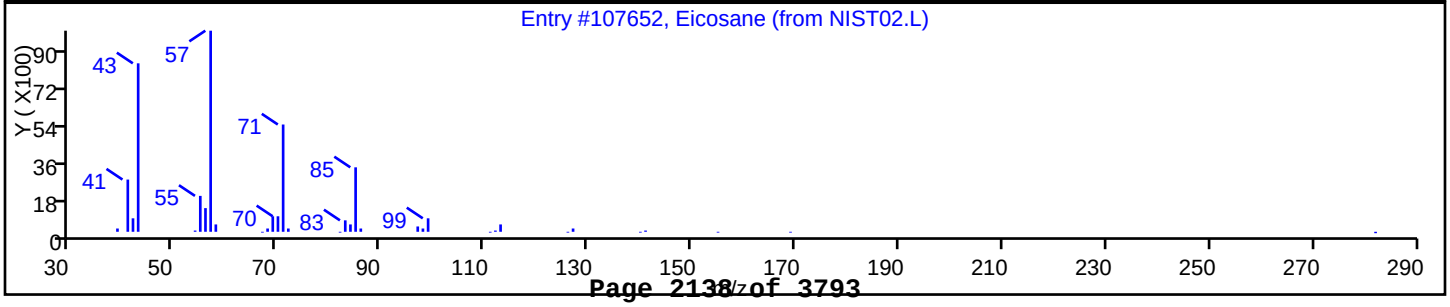
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73964	C16H34	226	97
Tetradecane	629-59-4	NIST02.L	55010	C14H30	198	95
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91









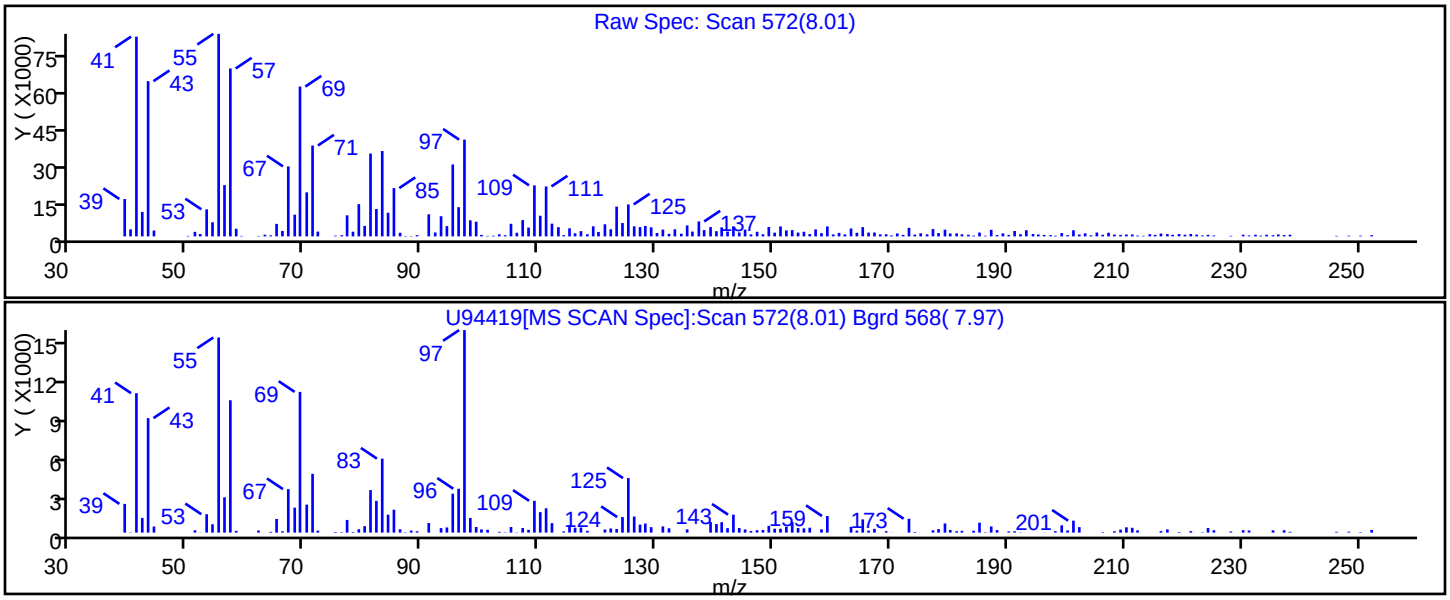


Report Date: 13-Mar-2014 10:20:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94419.D

Injection Date:	11-Mar-2014 10:39:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-16-A	Lab Sample ID:	460-72174-16		
Client ID:	PMP-2SW-VD				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 13-Mar-2014 10:20:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94419.D

Injection Date: 11-Mar-2014 10:39:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-16-A Lab Sample ID: 460-72174-16

Client ID: PMP-2SW-VD

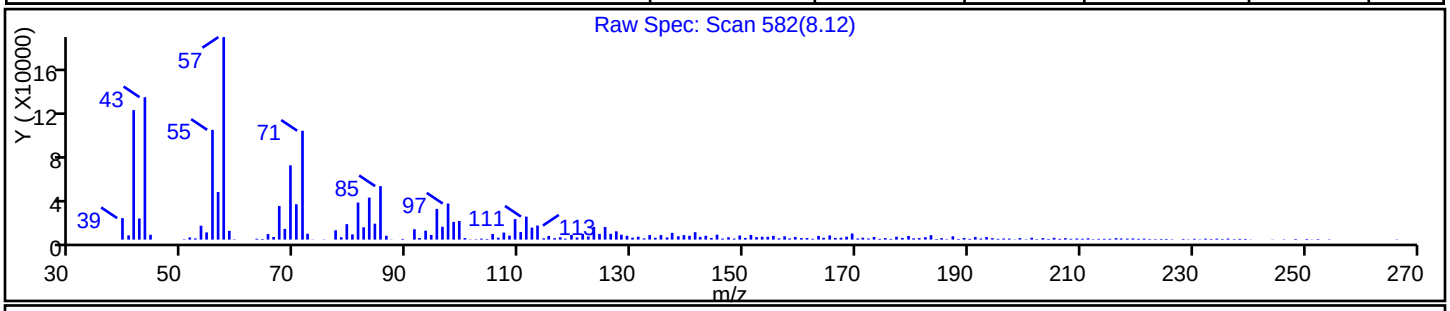
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16

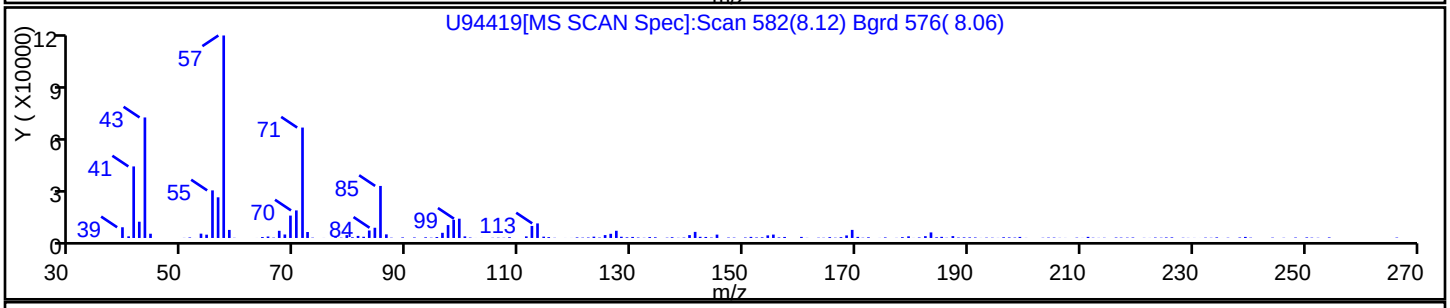
Injection Vol: 1.0 ul Dil. Factor: 1.0000

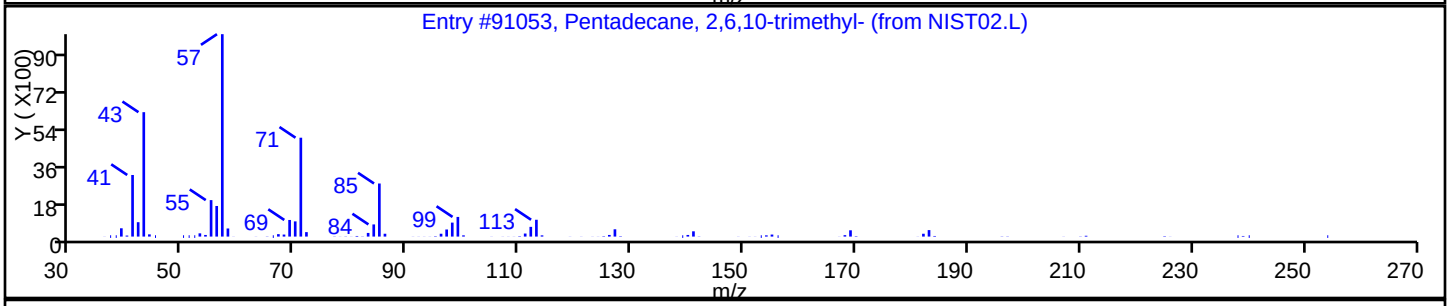
Method: 8270_4R Limit Group: SV 8270 ICAL

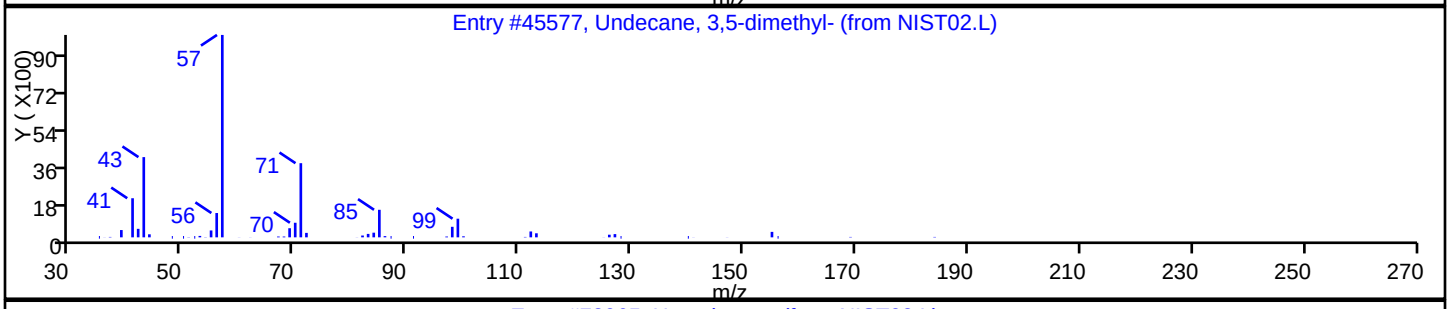
Column: Detector MS SCAN

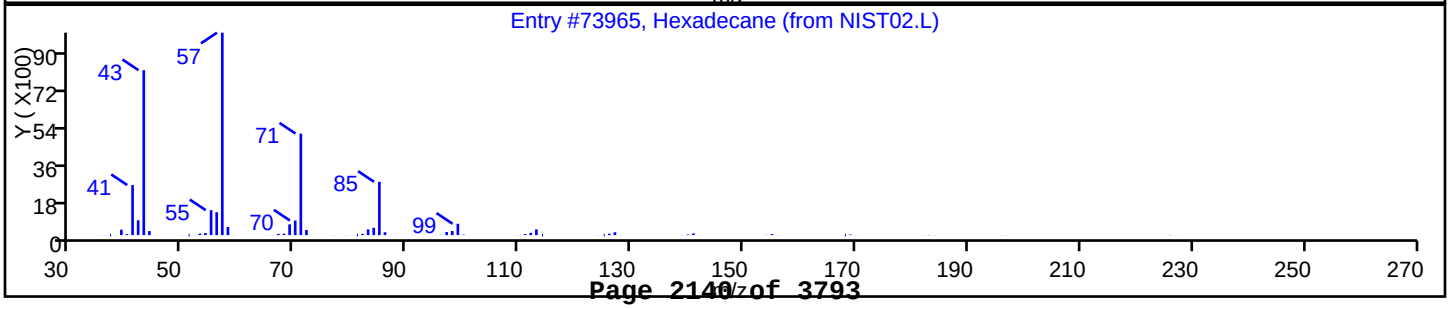
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	86
Undecane, 3,5-dimethyl-	17312-81-1	NIST02.L	45577	C13H28	184	81
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	81











Report Date: 13-Mar-2014 10:20:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94419.D

Injection Date: 11-Mar-2014 10:39:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-16-A Lab Sample ID: 460-72174-16

Client ID: PMP-2SW-VD

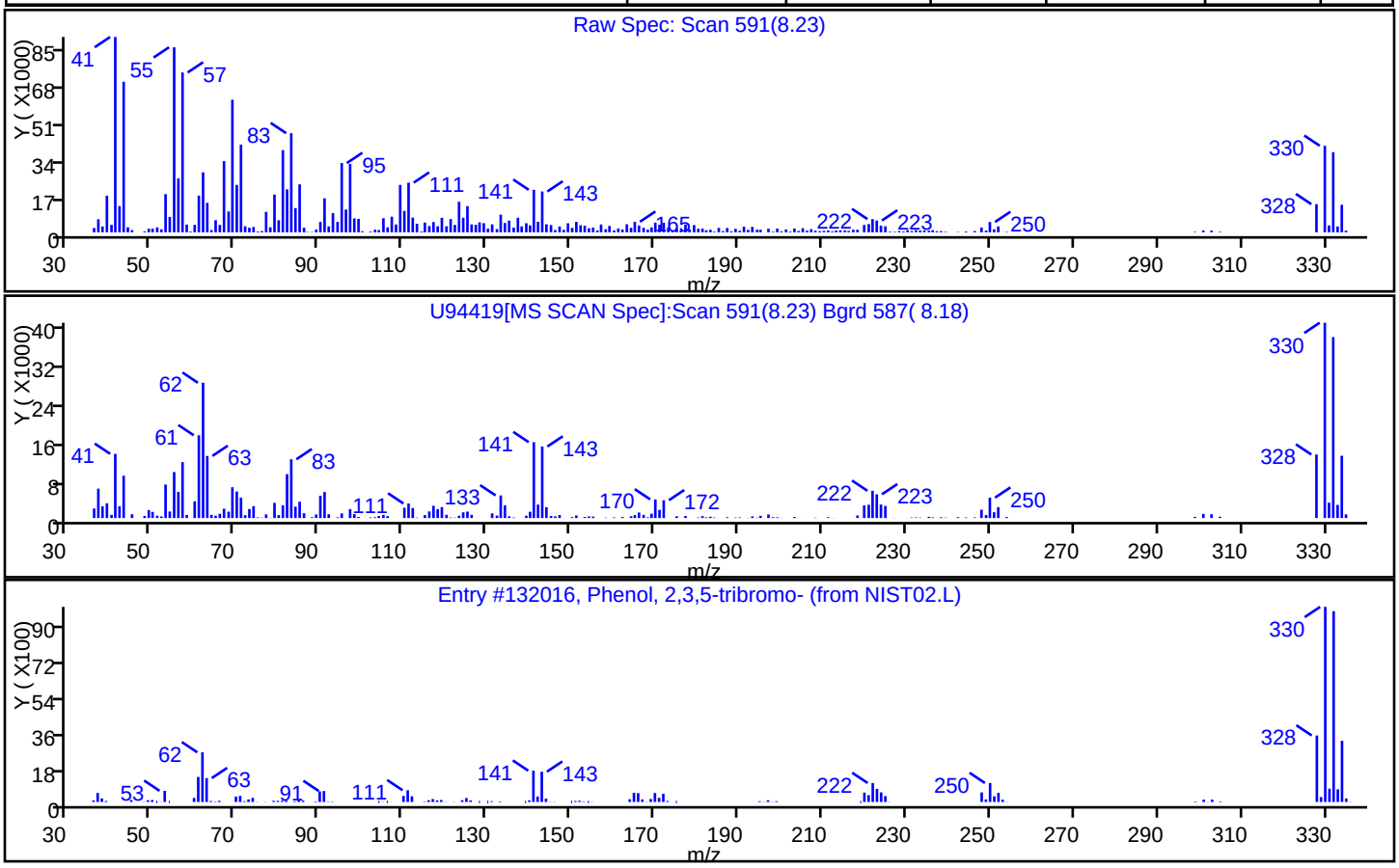
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Phenol, 2,3,5-tribromo-	57383-81-0	NIST02.L	132016	C6H3Br3O	328	96



Report Date: 13-Mar-2014 10:20:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94419.D

Injection Date: 11-Mar-2014 10:39:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-16-A Lab Sample ID: 460-72174-16

Client ID: PMP-2SW-VD

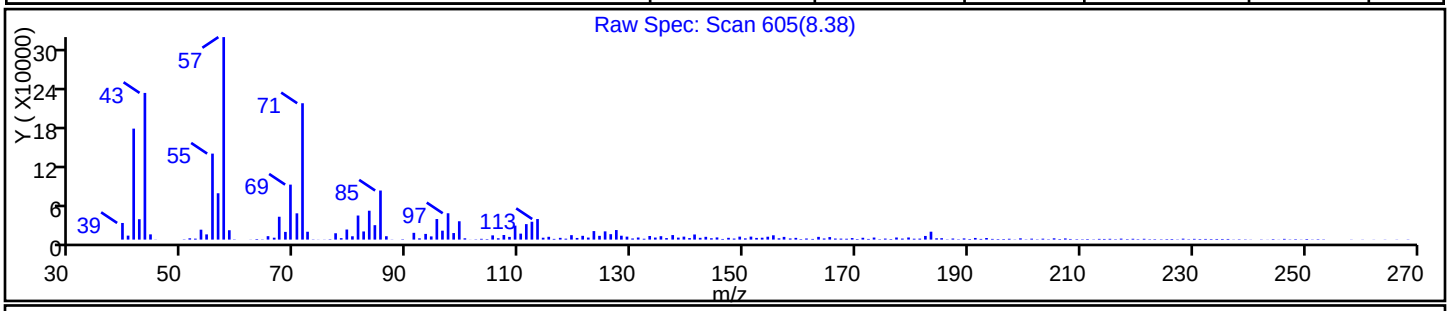
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16

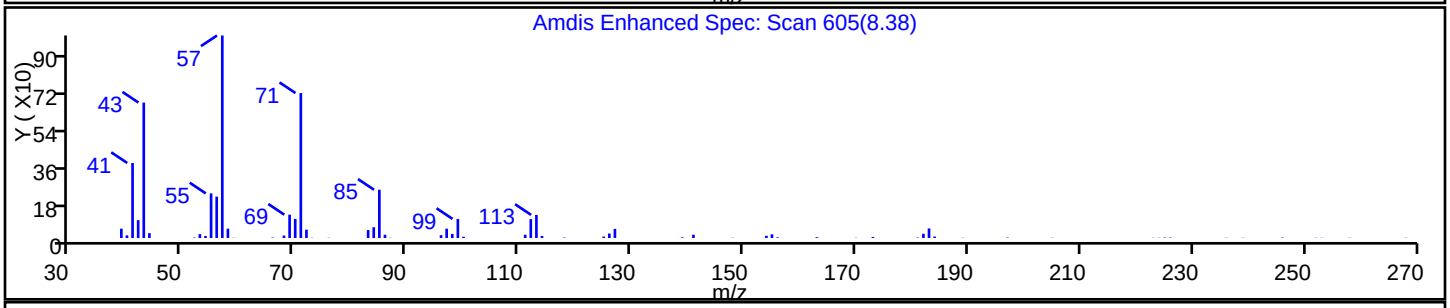
Injection Vol: 1.0 ul Dil. Factor: 1.0000

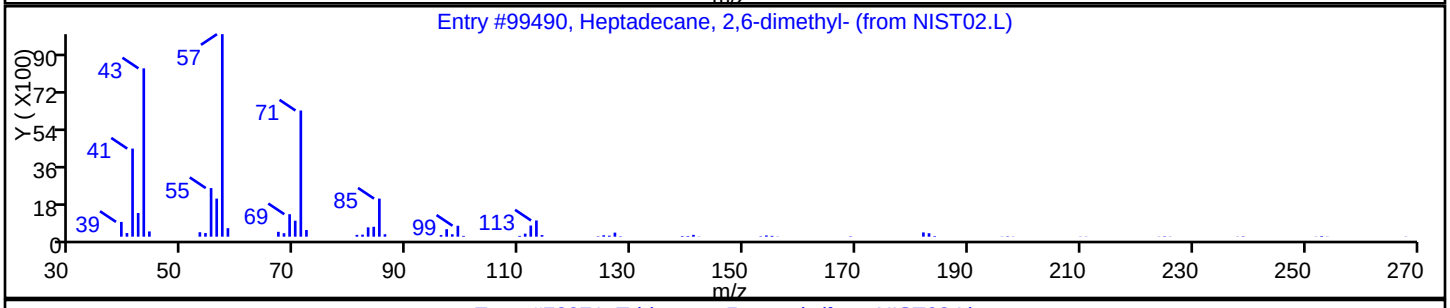
Method: 8270_4R Limit Group: SV 8270 ICAL

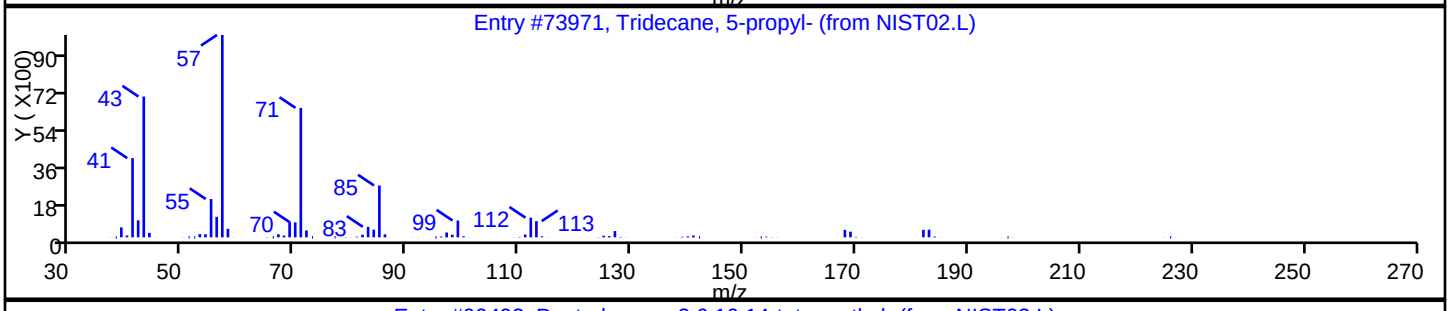
Column: Detector MS SCAN

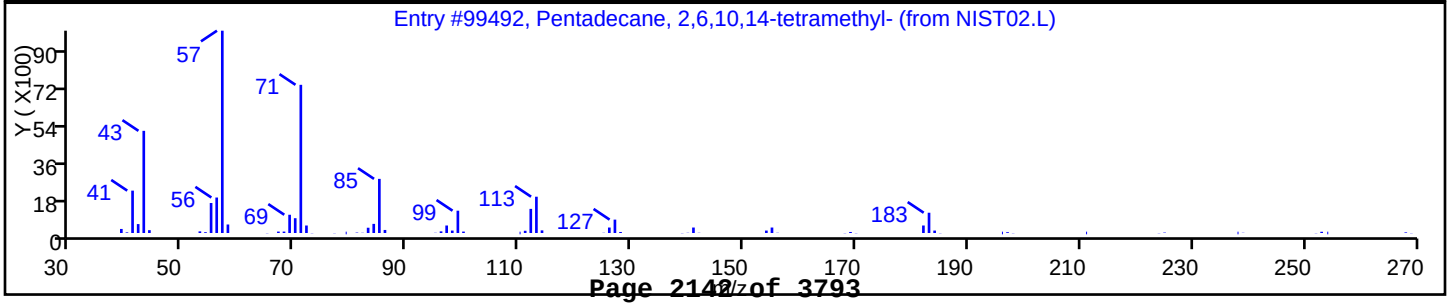
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	C19H40	268	94
Tridecane, 5-propyl-	55045-11-9	NIST02.L	73971	C16H34	226	93
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99492	C19H40	268	91











Report Date: 13-Mar-2014 10:20:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94419.D

Injection Date: 11-Mar-2014 10:39:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-16-A Lab Sample ID: 460-72174-16

Client ID: PMP-2SW-VD

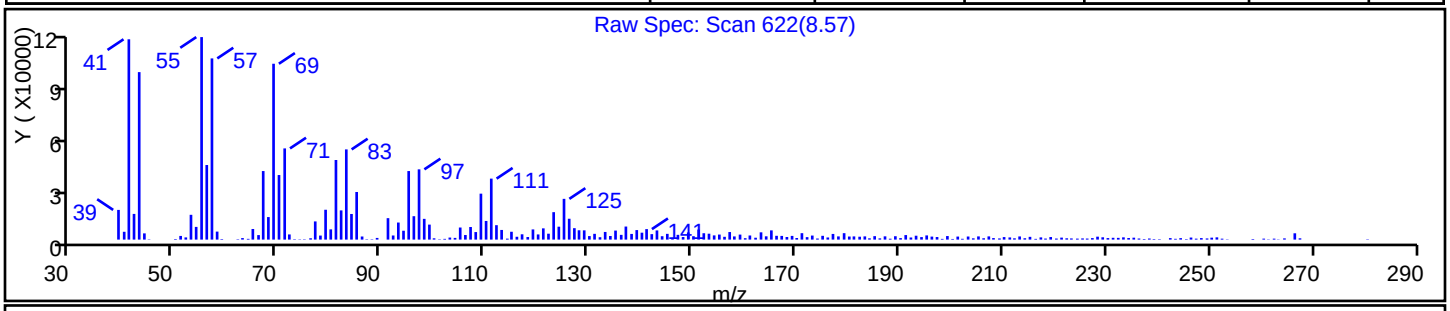
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16

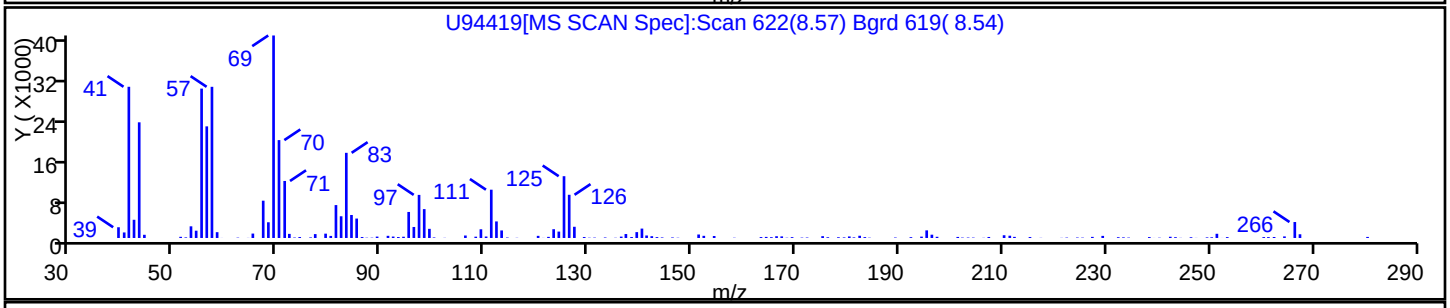
Injection Vol: 1.0 ul Dil. Factor: 1.0000

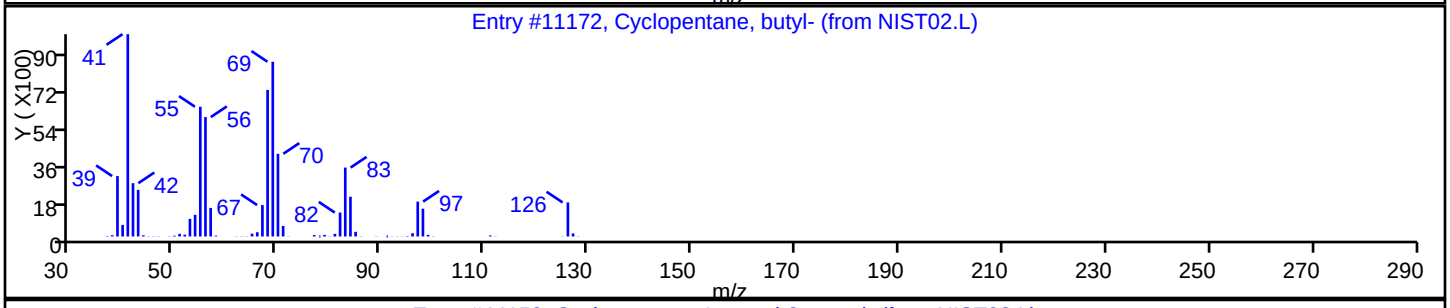
Method: 8270_4R Limit Group: SV 8270 ICAL

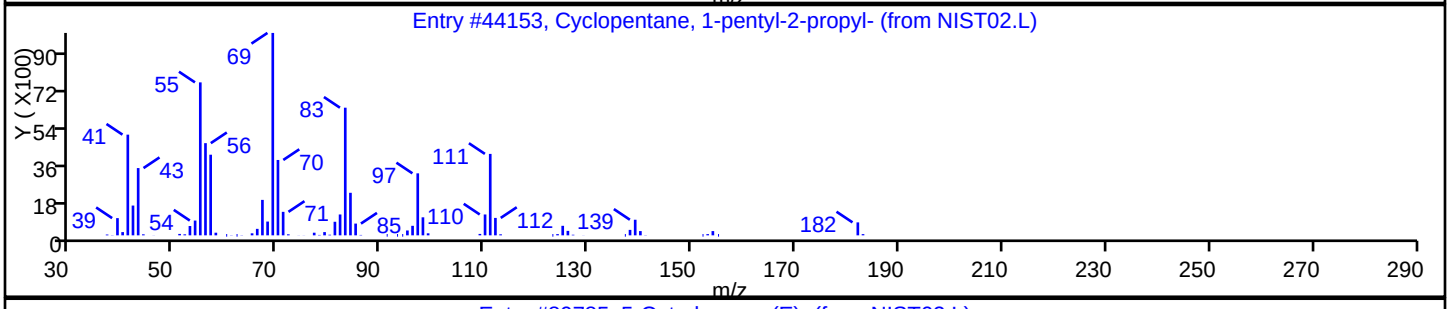
Column: Detector MS SCAN

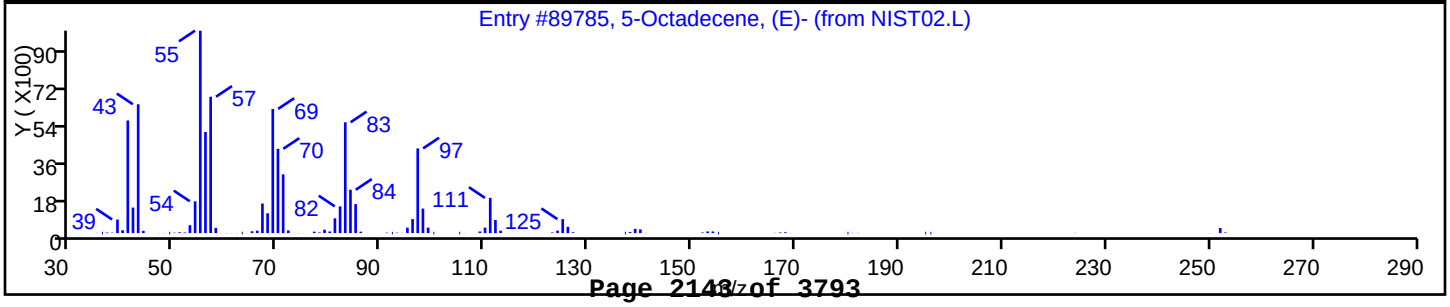
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclopentane, butyl-	2040-95-1	NIST02.L	11172	C9H18	126	87
Cyclopentane, 1-pentyl-2-propyl-	62199-51-3	NIST02.L	44153	C13H26	182	58
5-Octadecene, (E)-	7206-21-5	NIST02.L	89785	C18H36	252	52











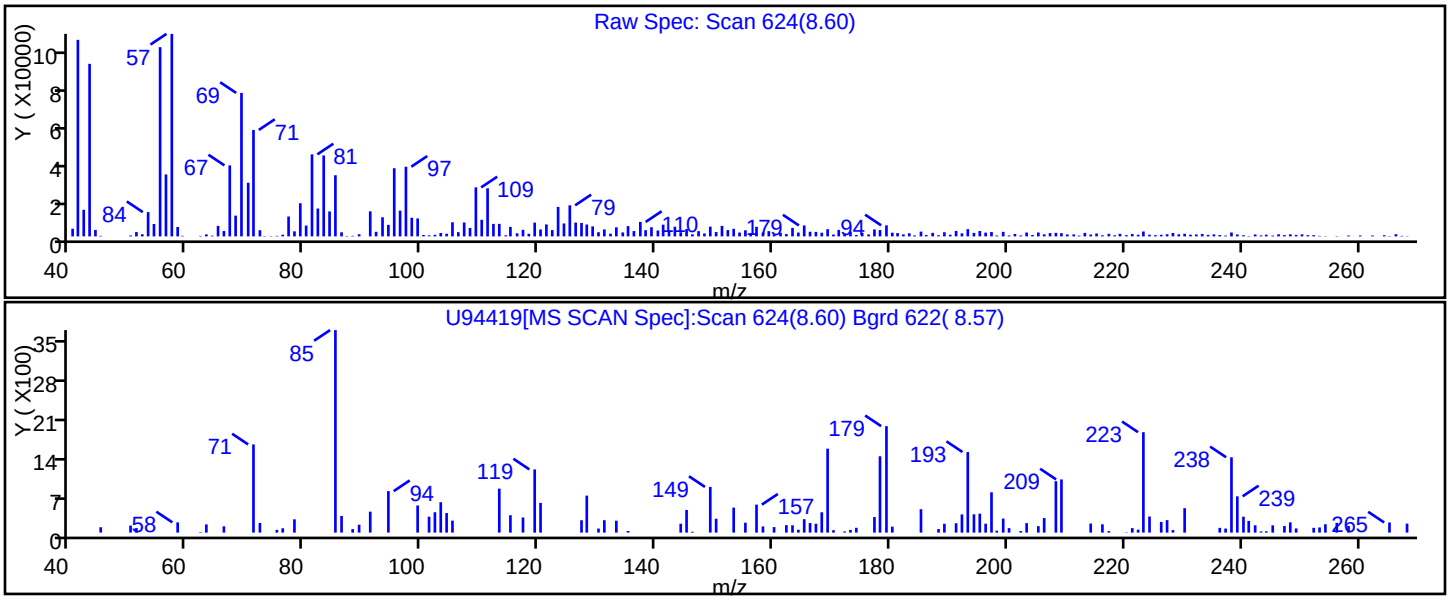
Report Date: 13-Mar-2014 10:20:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94419.D

Injection Date:	11-Mar-2014 10:39:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-16-A	Lab Sample ID:	460-72174-16		
Client ID:	PMP-2SW-VD				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 13-Mar-2014 10:20:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94419.D

Injection Date: 11-Mar-2014 10:39:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-16-A Lab Sample ID: 460-72174-16

Client ID: PMP-2SW-VD

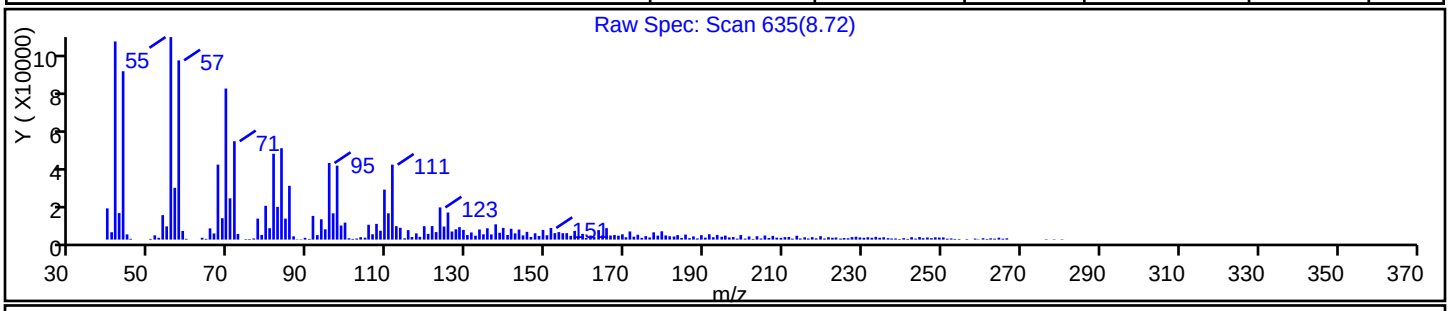
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16

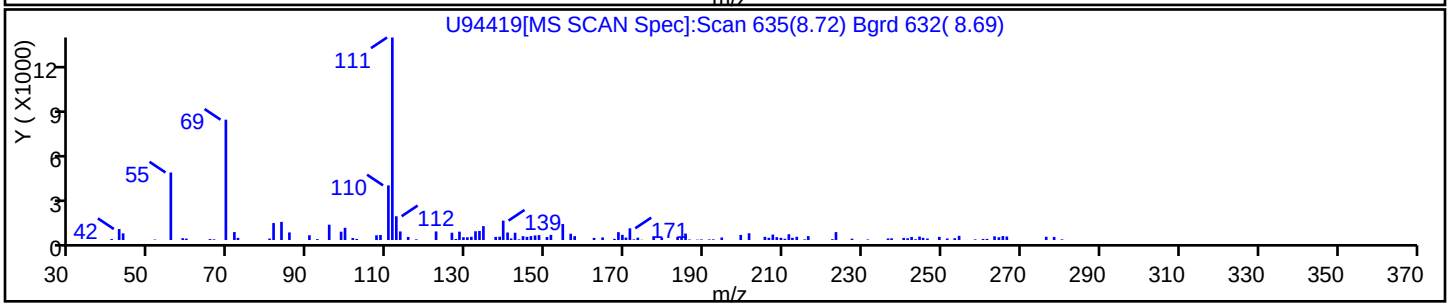
Injection Vol: 1.0 ul Dil. Factor: 1.0000

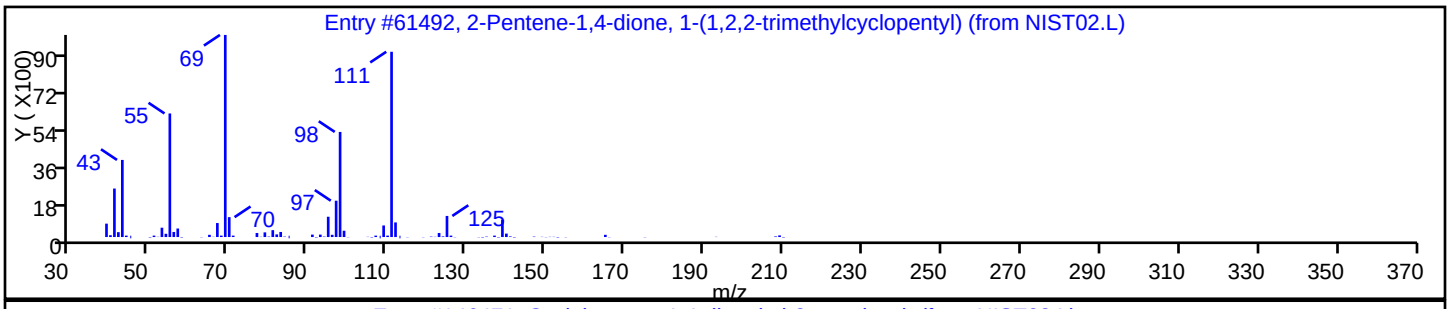
Method: 8270_4R Limit Group: SV 8270 ICAL

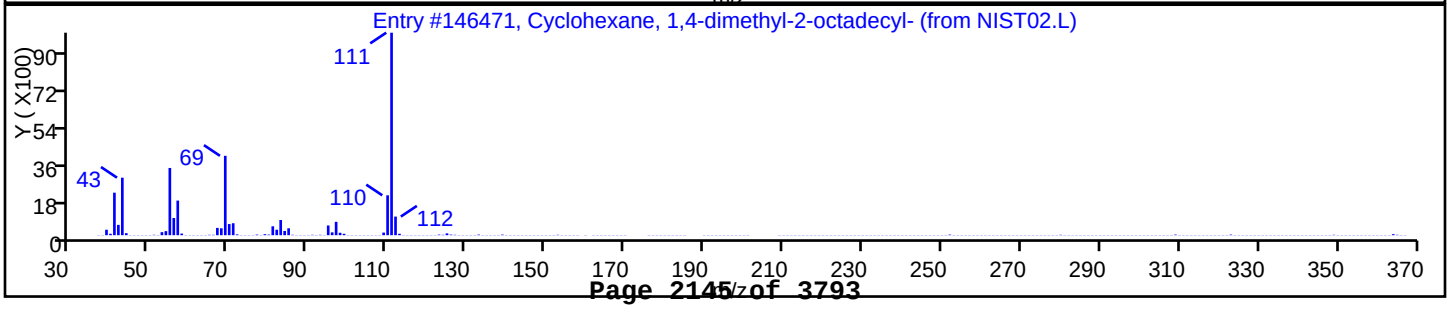
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown		NIST02.L	0		0	0
2-Pentene-1,4-dione, 1-(1,2,2-trimethylc	1000196-77-	NIST02.L	61492	C13H20O2	208	64
Cyclohexane, 1,4-dimethyl-2-octadecyl-	55282-02-5	NIST02.L	146471	C26H52	364	64









Report Date: 13-Mar-2014 10:20:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94419.D

Injection Date: 11-Mar-2014 10:39:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-16-A Lab Sample ID: 460-72174-16

Client ID: PMP-2SW-VD

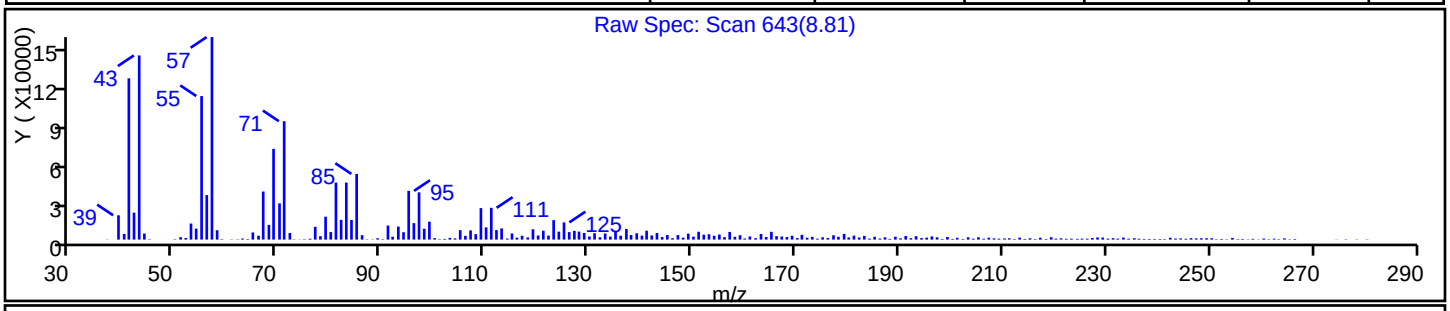
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16

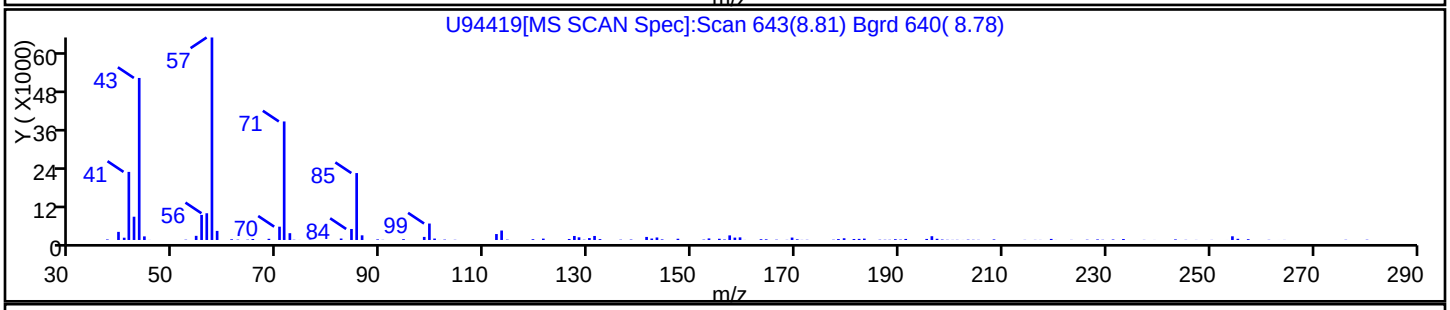
Injection Vol: 1.0 ul Dil. Factor: 1.0000

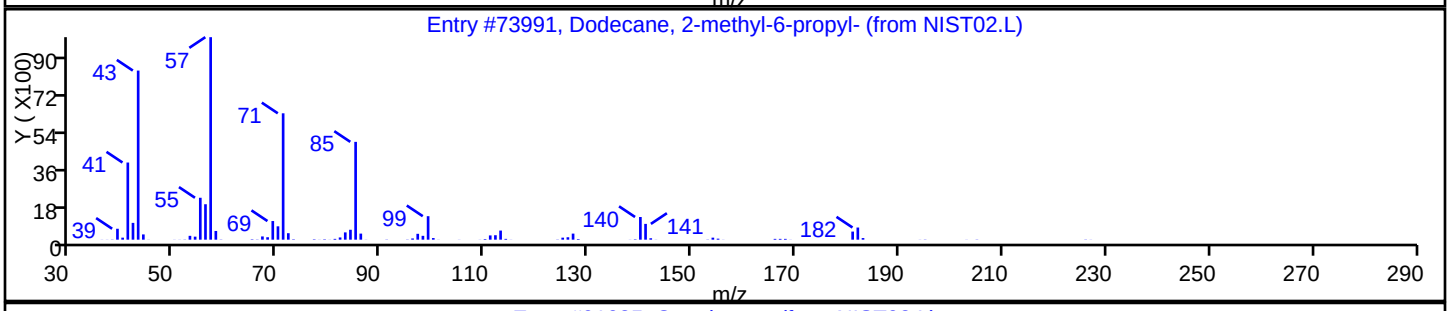
Method: 8270_4R Limit Group: SV 8270 ICAL

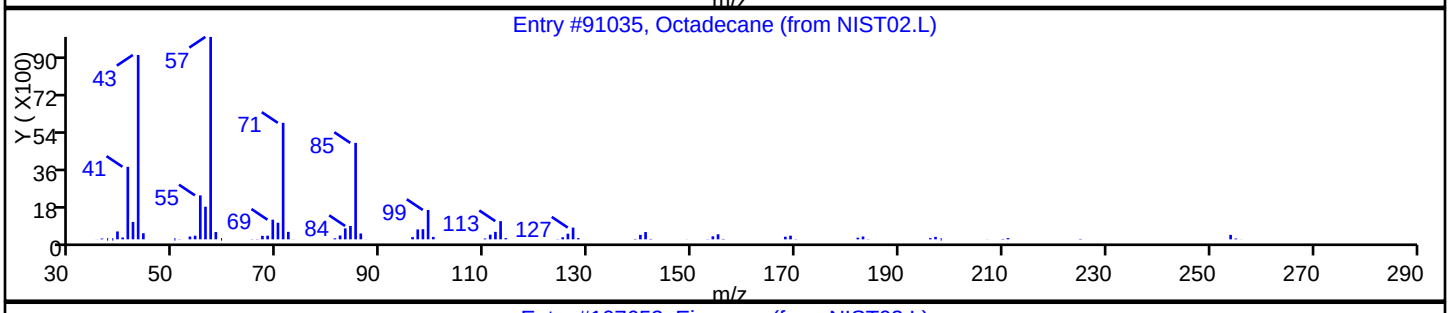
Column: Detector MS SCAN

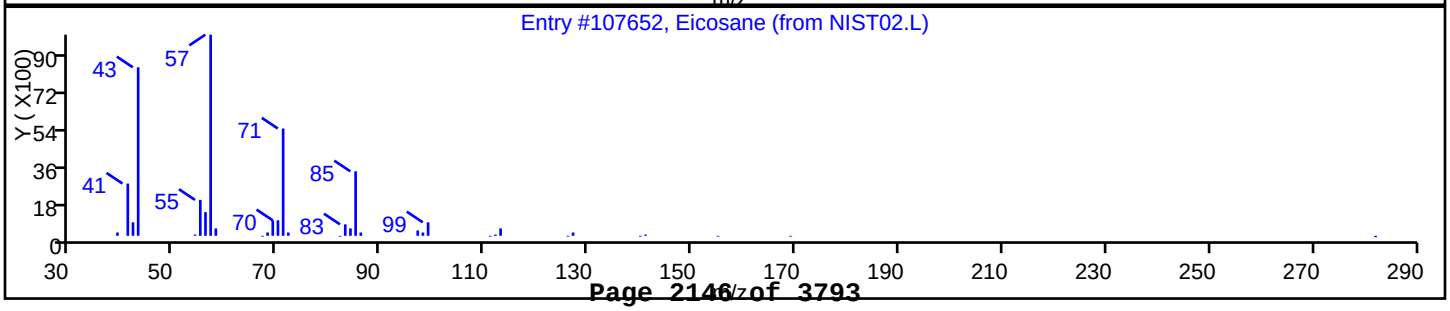
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2-methyl-6-propyl-	55045-08-4	NIST02.L	73991	C16H34	226	87
Octadecane	593-45-3	NIST02.L	91035	C18H38	254	86
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	83











Report Date: 13-Mar-2014 10:20:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94419.D

Injection Date: 11-Mar-2014 10:39:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-16-A Lab Sample ID: 460-72174-16

Client ID: PMP-2SW-VD

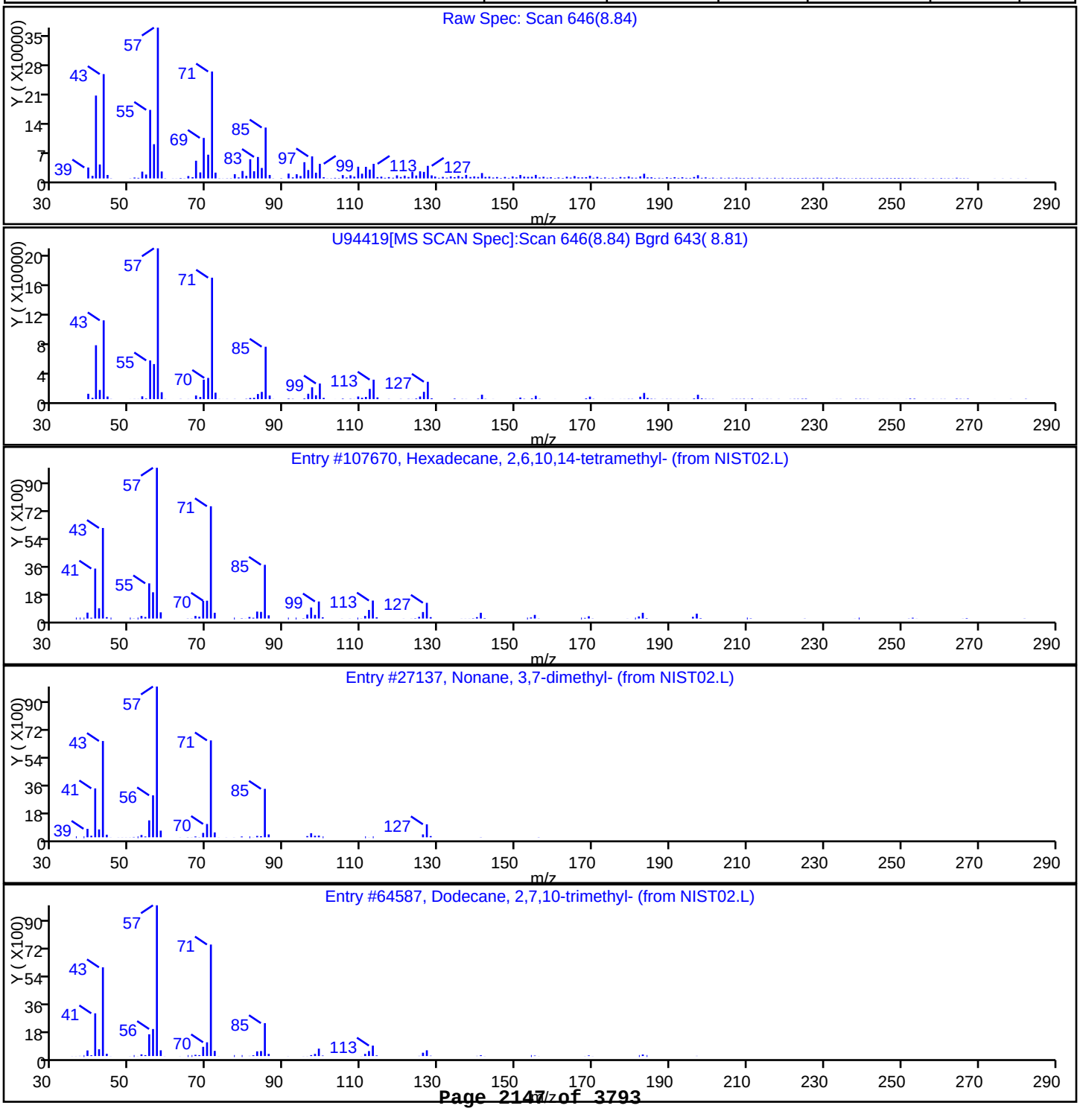
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	C20H42	282	94
Nonane, 3,7-dimethyl-	17302-32-8	NIST02.L	27137	C11H24	156	87
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	86



Report Date: 13-Mar-2014 10:20:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94419.D

Injection Date: 11-Mar-2014 10:39:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-16-A Lab Sample ID: 460-72174-16

Client ID: PMP-2SW-VD

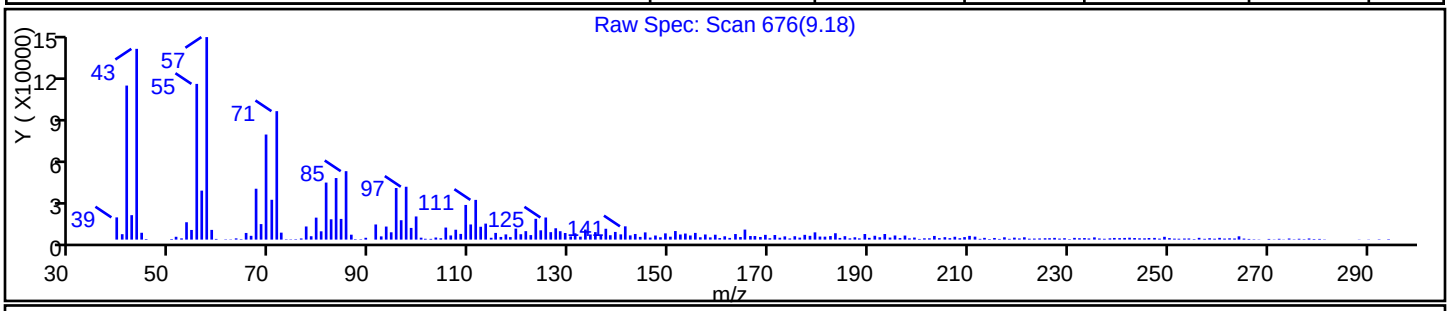
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16

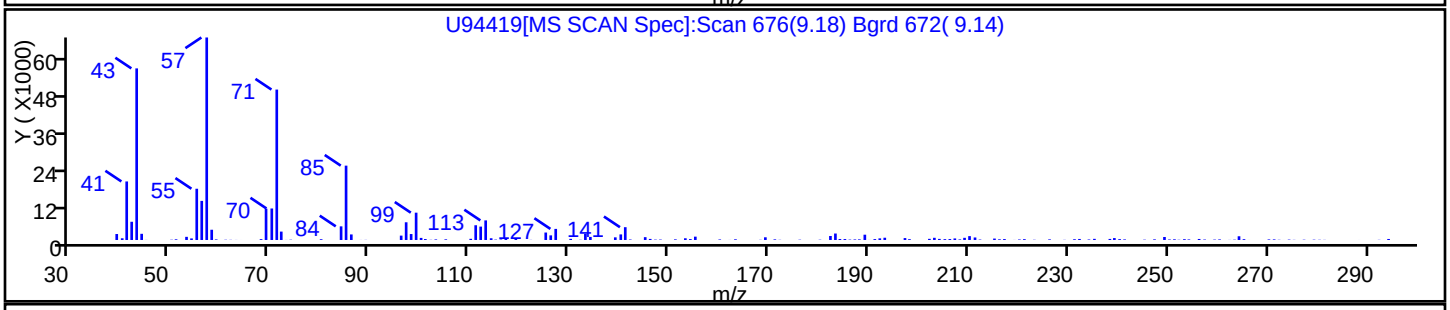
Injection Vol: 1.0 ul Dil. Factor: 1.0000

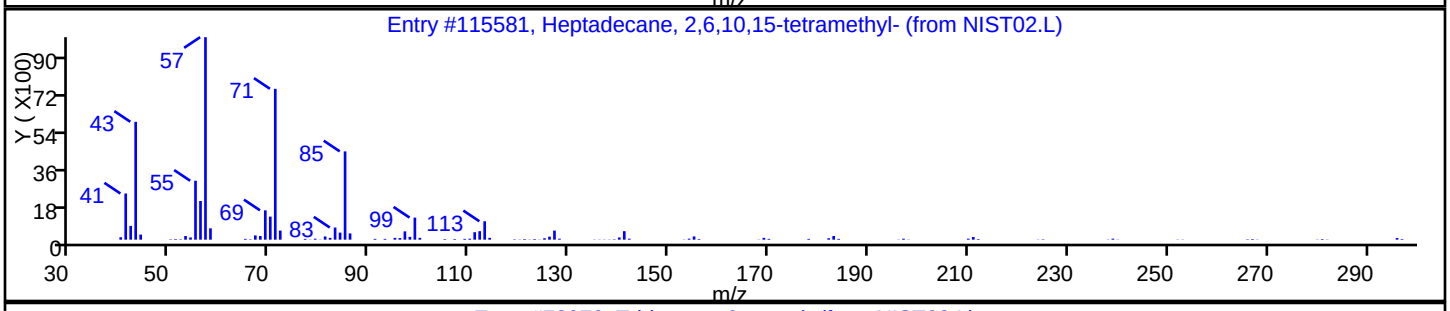
Method: 8270_4R Limit Group: SV 8270 ICAL

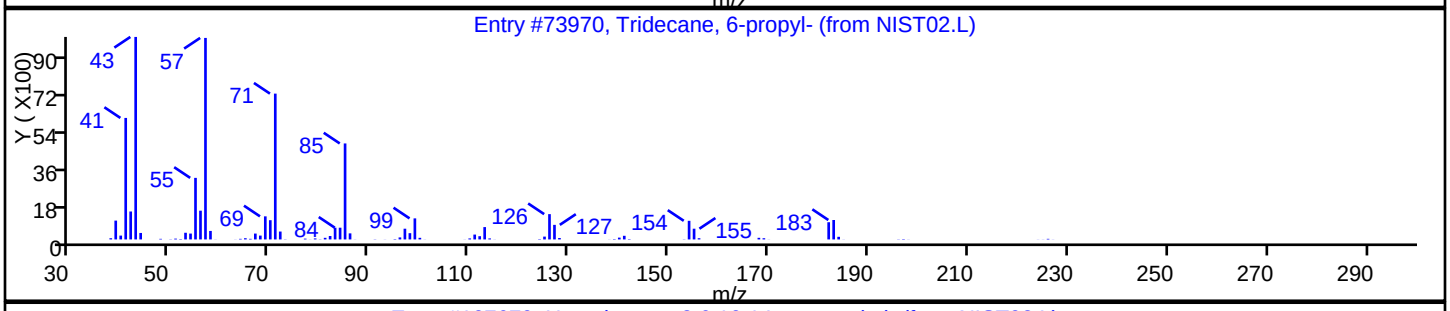
Column: Detector MS SCAN

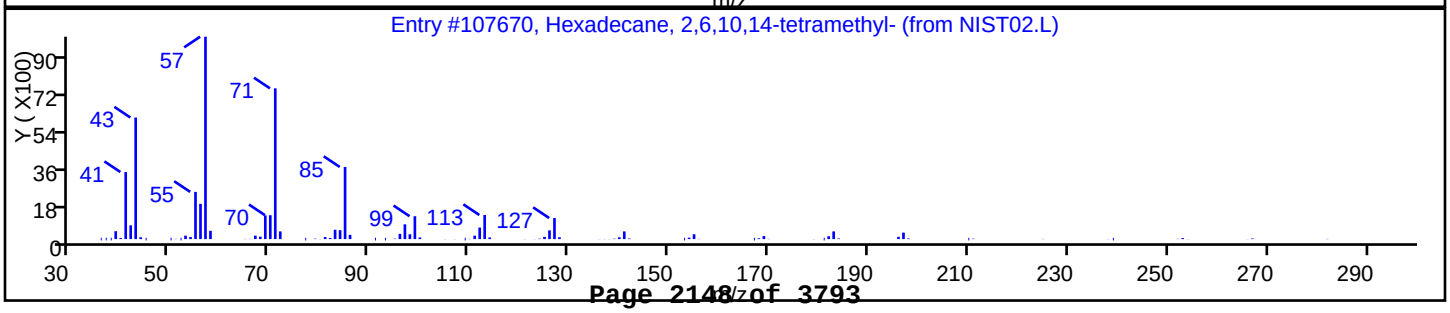
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	C21H44	296	91
Tridecane, 6-propyl-	55045-10-8	NIST02.L	73970	C16H34	226	90
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	C20H42	282	90











Report Date: 13-Mar-2014 10:20:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94419.D

Injection Date: 11-Mar-2014 10:39:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-16-A Lab Sample ID: 460-72174-16

Client ID: PMP-2SW-VD

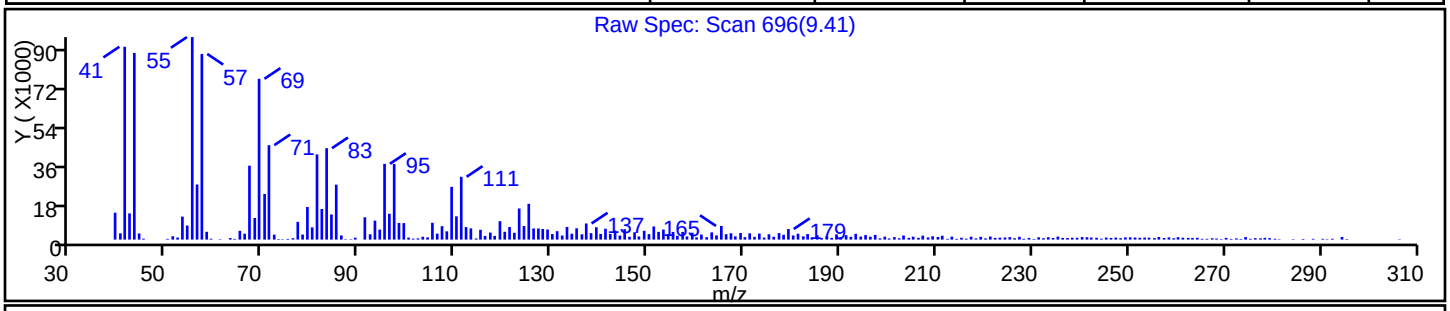
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16

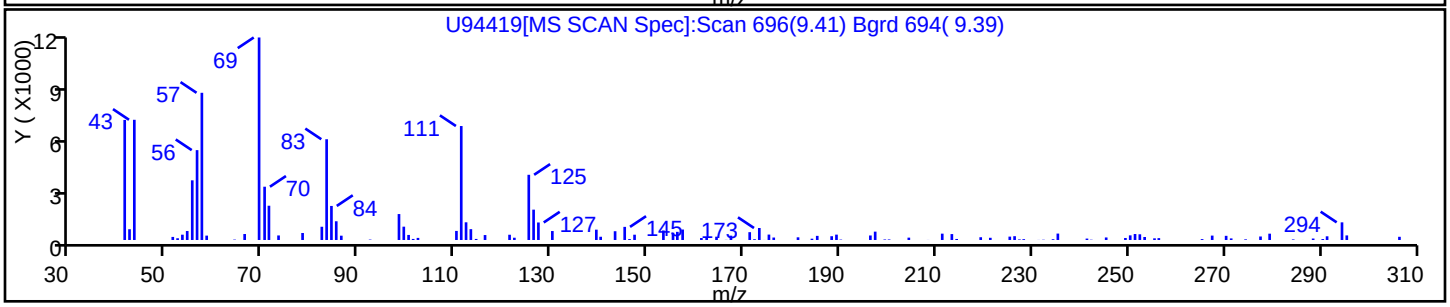
Injection Vol: 1.0 ul Dil. Factor: 1.0000

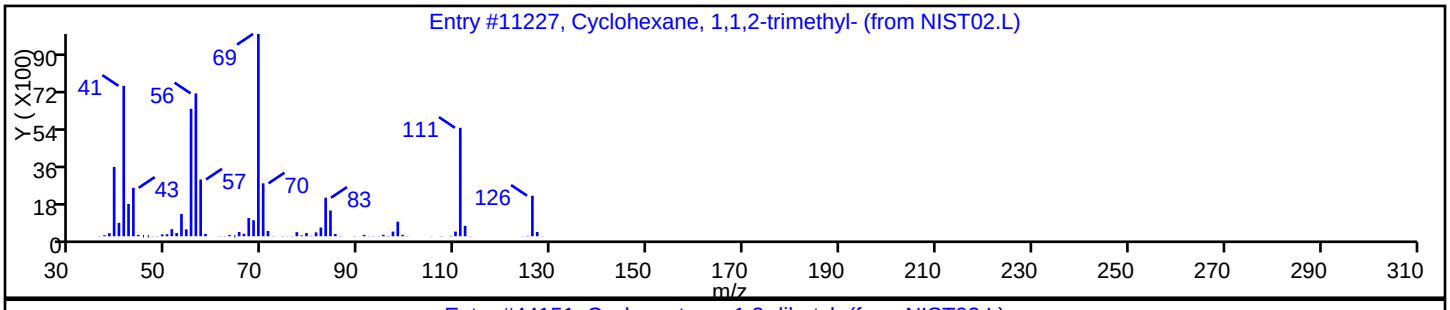
Method: 8270_4R Limit Group: SV 8270 ICAL

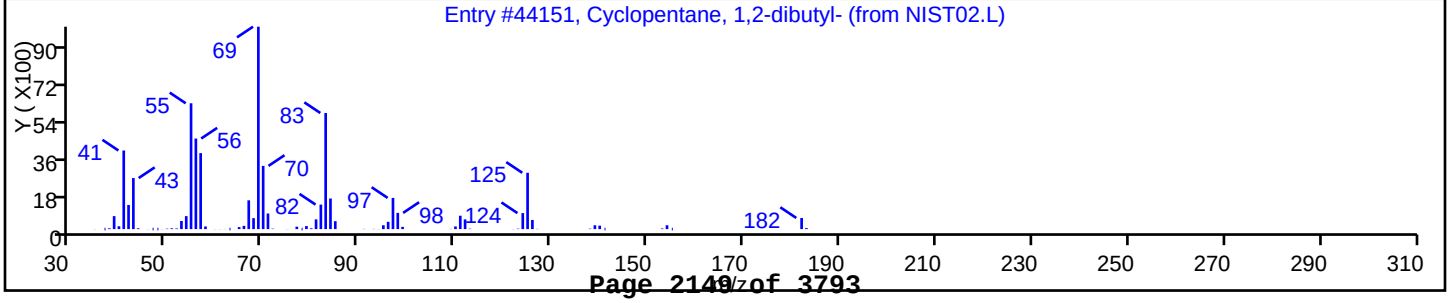
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown		NIST02.L	0		0	0
Cyclohexane, 1,1,2-trimethyl-	7094-26-0	NIST02.L	11227	C9H18	126	62
Cyclopentane, 1,2-dibutyl-	62199-52-4	NIST02.L	44151	C13H26	182	59









FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-WT | Lab Sample ID: 460-72174-17

Matrix: Solid | Lab File ID: U94420.D

Analysis Method: 8270C | Date Collected: 03/06/2014 11:50

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.01(g) | Date Analyzed: 03/11/2014 11:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	50	U	370	50
95-57-8	2-Chlorophenol	49	U	370	49
95-48-7	2-Methylphenol	64	U	370	64
106-44-5	4-Methylphenol	73	U	370	73
100-52-7	Benzaldehyde	44	U	370	44
98-86-2	Acetophenone	57	U	370	57
111-44-4	Bis(2-chloroethyl)ether	5.1	U	37	5.1
108-60-1	2,2'-oxybis[1-chloropropane]	41	U	370	41
621-64-7	N-Nitrosodi-n-propylamine	6.2	U	37	6.2
98-95-3	Nitrobenzene	5.3	U *	37	5.3
67-72-1	Hexachloroethane	4.1	U	37	4.1
78-59-1	Isophorone	45	U	370	45
88-75-5	2-Nitrophenol	42	U	370	42
105-67-9	2,4-Dimethylphenol	92	U	370	92
120-83-2	2,4-Dichlorophenol	55	U	370	55
111-91-1	Bis(2-chloroethoxy)methane	48	U	370	48
91-20-3	Naphthalene	43	U	370	43
106-47-8	4-Chloroaniline	99	U	370	99
87-68-3	Hexachlorobutadiene	9.1	U	76	9.1
105-60-2	Caprolactam	86	U	370	86
59-50-7	4-Chloro-3-methylphenol	56	U	370	56
91-57-6	2-Methylnaphthalene	48	U	370	48
118-74-1	Hexachlorobenzene	5.1	U	37	5.1
77-47-4	Hexachlorocyclopentadiene	44	U	370	44
88-06-2	2,4,6-Trichlorophenol	44	U	370	44
95-95-4	2,4,5-Trichlorophenol	48	U	370	48
92-52-4	Diphenyl	50	U	370	50
91-58-7	2-Chloronaphthalene	42	U	370	42
88-74-4	2-Nitroaniline	160	U	370	160
606-20-2	2,6-Dinitrotoluene	11	U	76	11
131-11-3	Dimethyl phthalate	44	U	370	44
208-96-8	Acenaphthylene	44	U	370	44
99-09-2	3-Nitroaniline	130	U	370	130
83-32-9	Acenaphthene	54	U	370	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-WT | Lab Sample ID: 460-72174-17

Matrix: Solid | Lab File ID: U94420.D

Analysis Method: 8270C | Date Collected: 03/06/2014 11:50

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.01(g) | Date Analyzed: 03/11/2014 11:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	370	240
51-28-5	2,4-Dinitrophenol	210	U	760	210
132-64-9	Dibenzofuran	44	U	370	44
84-66-2	Diethyl phthalate	44	U	370	44
86-73-7	Fluorene	48	U	370	48
206-44-0	Fluoranthene	50	U	370	50
84-74-2	Di-n-butyl phthalate	46	U	370	46
121-14-2	2,4-Dinitrotoluene	12	U	76	12
7005-72-3	4-Chlorophenyl phenyl ether	44	U	370	44
100-01-6	4-Nitroaniline	120	U	760	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	760	100
101-55-3	4-Bromophenyl phenyl ether	37	U	370	37
1912-24-9	Atrazine	58	U	370	58
120-12-7	Anthracene	45	U	370	45
86-74-8	Carbazole	44	U	370	44
85-01-8	Phenanthrene	47	U	370	47
87-86-5	Pentachlorophenol	110	U	760	110
129-00-0	Pyrene	93	J	370	31
218-01-9	Chrysene	44	U	370	44
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
191-24-2	Benzo[g,h,i]perylene	28	U	370	28
205-99-2	Benzo[b]fluoranthene	2.4	U	37	2.4
50-32-8	Benzo[a]pyrene	2.6	U	37	2.6
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
86-30-6	N-Nitrosodiphenylamine	37	U	370	37
85-68-7	Butyl benzyl phthalate	34	U	370	34
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
117-84-0	Di-n-octyl phthalate	24	U	370	24
193-39-5	Indeno[1,2,3-cd]pyrene	6.9	U	37	6.9
53-70-3	Dibenz(a,h)anthracene	4.7	U	37	4.7
91-94-1	3,3'-Dichlorobenzidine	130	U	370	130
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	370	50
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	370	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-WT Lab Sample ID: 460-72174-17

Matrix: Solid Lab File ID: U94420.D

Analysis Method: 8270C Date Collected: 03/06/2014 11:50

Extract. Method: 3541 Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.01(g) Date Analyzed: 03/11/2014 11:01

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	54		40-106
4165-62-2	Phenol-d5	68		44-104
1718-51-0	Terphenyl-d14	91		41-145
118-79-6	2,4,6-Tribromophenol	112		19-114
367-12-4	2-Fluorophenol	56		39-103
321-60-8	2-Fluorobiphenyl	86		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-WT | Lab Sample ID: 460-72174-17

Matrix: Solid | Lab File ID: U94420.D

Analysis Method: 8270C | Date Collected: 03/06/2014 11:50

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.01(g) | Date Analyzed: 03/11/2014 11:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 124500

CAS NO.	COMPOUND NAME	RT	RESULT	Q
629-59-4	Tetradecane	6.89	5600	J N
	Unknown	7.16	3000	J
55045-07-3	Dodecane, 2-methyl-8-propyl-	7.21	8500	J N
629-62-9	Pentadecane	7.42	4200	J N
17312-62-8	Decane, 5-propyl-	7.64	3100	J N
	Unknown alkane	7.73	4400	J
544-76-3	Hexadecane	7.91	4300	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.14	10000	J N
	Unknown	8.21	3400	J
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.41	24000	J N
	Unknown	8.44	3400	J
31295-56-4	Dodecane, 2,6,11-trimethyl-	8.57	4900	J N
	Unknown	8.61	3200	J
	Unknown	8.70	4400	J
31295-56-4	Dodecane, 2,6,11-trimethyl-	8.85	14000	J N
54833-23-7	Eicosane, 10-methyl-	9.19	3900	J N
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	9.27	7600	J N
41464-41-9	1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	9.53	3700	J N
52663-58-8	1,1'-Biphenyl, 2,3,4',6-tetrachloro-	10.16	4100	J N
	Unknown	10.58	4800	J

Report Date: 14-Mar-2014 16:51:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94420.D
Lims ID: 460-72174-E-17-A Lab Sample ID: 460-72174-17
Client ID: PMP-2SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 11:01:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-017
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 16:51:19 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: bayoumiw Date: 14-Mar-2014 16:51:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.144	3.127	0.017	88	145234	27.8	
$ 6 Phenol-d5	99	4.049	4.071	-0.022	70	213775	33.9	
* 13 1,4-Dichlorobenzene-d4	152	4.422	4.430	-0.008	98	119314	40.0	
$ 25 Nitrobenzene-d5	82	4.971	4.990	-0.019	91	166426	27.0	
* 35 Naphthalene-d8	136	5.696	5.701	-0.005	100	500810	40.0	
$ 48 2-Fluorobiphenyl	172	6.777	6.785	-0.008	96	251784	42.9	
* 61 Acenaphthene-d10	164	7.449	7.451	-0.002	90	171961	40.0	
$ 76 2,4,6-Tribromophenol	330	8.236	8.230	0.006	49	37036	56.0	
* 83 Phenanthrene-d10	188	8.922	8.917	0.005	87	261474	40.0	
90 Pyrene	202	10.331	10.333	-0.002	34	7101	1.24	
$ 91 Terphenyl-d14	244	10.477	10.483	-0.006	97	191068	45.3	
* 96 Chrysene-d12	240	11.669	11.690	-0.021	95	181551	40.0	
* 103 Perylene-d12	264	13.598	13.619	-0.021	98	190471	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94420.D
Lims ID: 460-72174-E-17-A Lab Sample ID: 460-72174-17
Client ID: PMP-2SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 11:01:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-017
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 16:51:19 Calib Date: 27-Feb-2014 14:00:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: bayoumiw Date: 14-Mar-2014 16:51:19

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	629-59-4 Tetradecane							
6.889	3849787	73.9	61	95	55007	C14H30	198	
	Unknown							
7.158	2076068	39.9	61					
	55045-07-3 Dodecane, 2-methyl-8-propyl-							
7.214	5901254	113.3	61	90	73990	C16H34	226	
	629-62-9 Pentadecane							
7.416	2891609	55.5	61	93	64571	C15H32	212	
	17312-62-8 Decane, 5-propyl-							
7.640	2165460	41.6	61	80	45547	C13H28	184	
	Unknown alkane							
7.730	3054420	58.7	61	0	0		0	
	544-76-3 Hexadecane							
7.910	2950234	56.7	61	96	73965	C16H34	226	
	3892-00-0 Pentadecane, 2,6,10-trimethyl-							
8.135	7244676	139.1	61	95	91053	C18H38	254	
	Unknown							
8.214	1362897	45.7	83					
	1921-70-6 Pentadecane, 2,6,10,14-tetramethyl-							
8.405	9513051	319.1	83	97	99493	C19H40	268	M
	Unknown							
8.439	1341081	45.0	83					M
	31295-56-4 Dodecane, 2,6,11-trimethyl-							
8.573	1943491	65.2	83	89	64591	C15H32	212	M

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	Unknown							
8.607	1263027	42.4	83					M
	Unknown							
8.697	1748679	58.6	83					M
	31295-56-4	Dodecane, 2,6,11-trimethyl-						
8.854	5372345	180.2	83	90	64591	C15H32	212	M
	54833-23-7	Eicosane, 10-methyl-						
9.192	1537104	51.6	83	90	115575	C21H44	296	M
	7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-						
9.271	3018188	101.2	83	98	91796	C12H7Cl3	256	M
	41464-41-9	1,1'-Biphenyl, 2,2',5,6-Tetrachloro-						
9.530	1452835	48.7	83	99	111711	C12H6Cl4	290	M
	52663-58-8	1,1'-Biphenyl, 2,3,4',6-tetrachloro-						
10.162	1633146	54.8	83	99	111709	C12H6Cl4	290	
	Unknown							
10.579	993219	63.5	96					

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.449	2082683	40.0
* 83 Phenanthrene-d10	8.922	1192621	40.0
* 96 Chrysene-d12	11.669	625512	40.0

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

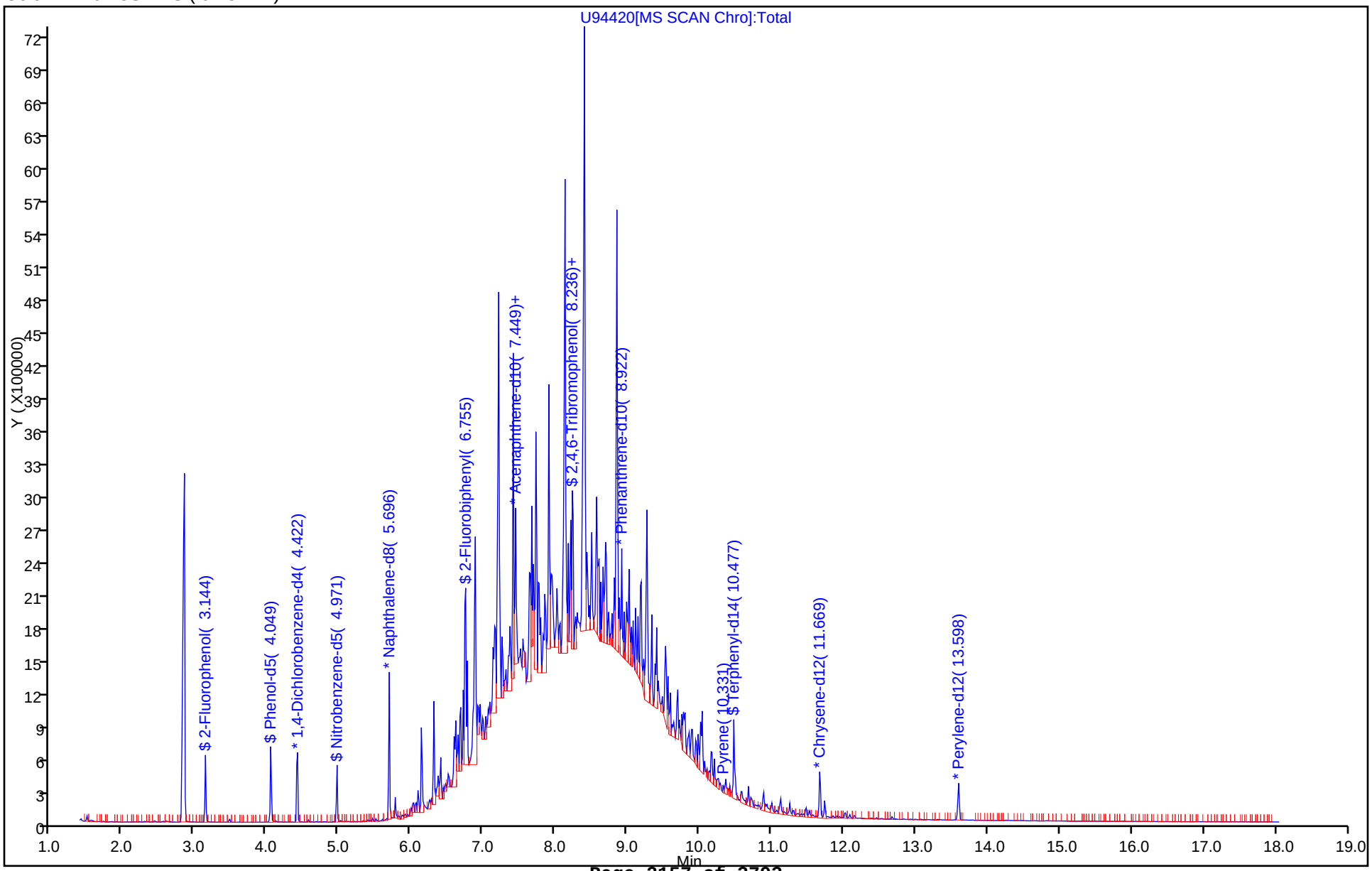
Report Date: 14-Mar-2014 16:51:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94420.D

Injection Date:	11-Mar-2014 11:01:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-72174-E-17-A	Lab Sample ID:	460-72174-17	Worklist Smp#:	17
Client ID:	PMP-2SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8270_4R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

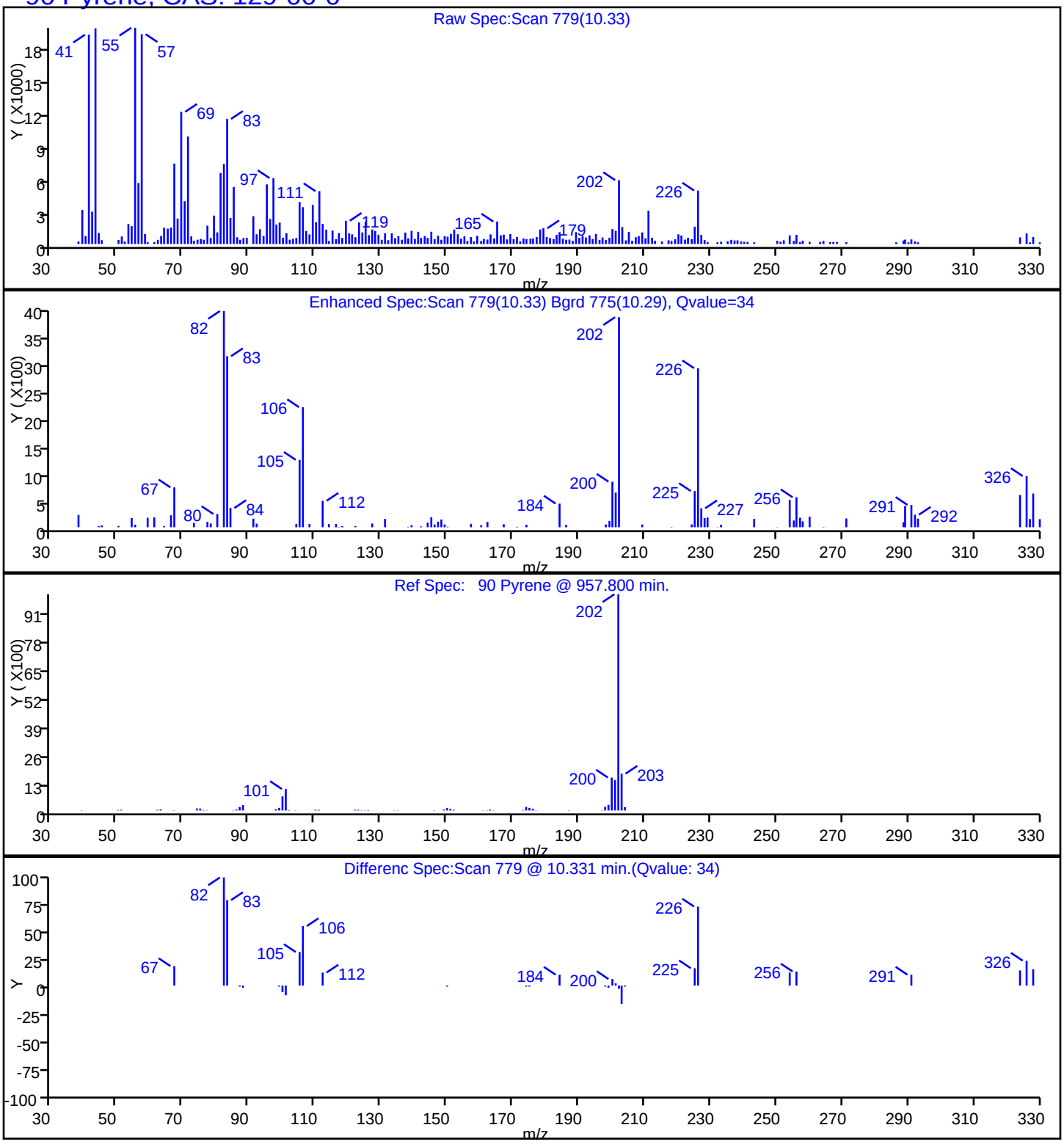


Report Date: 14-Mar-2014 16:51:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94420.D				
Injection Date:	11-Mar-2014 11:01:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-17-A	Lab Sample ID:	460-72174-17		
Client ID:	PMP-2SW-WT				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Pyrene, CAS: 129-00-0



Report Date: 14-Mar-2014 16:51:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94420.D

Injection Date: 11-Mar-2014 11:01:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-17-A Lab Sample ID: 460-72174-17

Client ID: PMP-2SW-WT

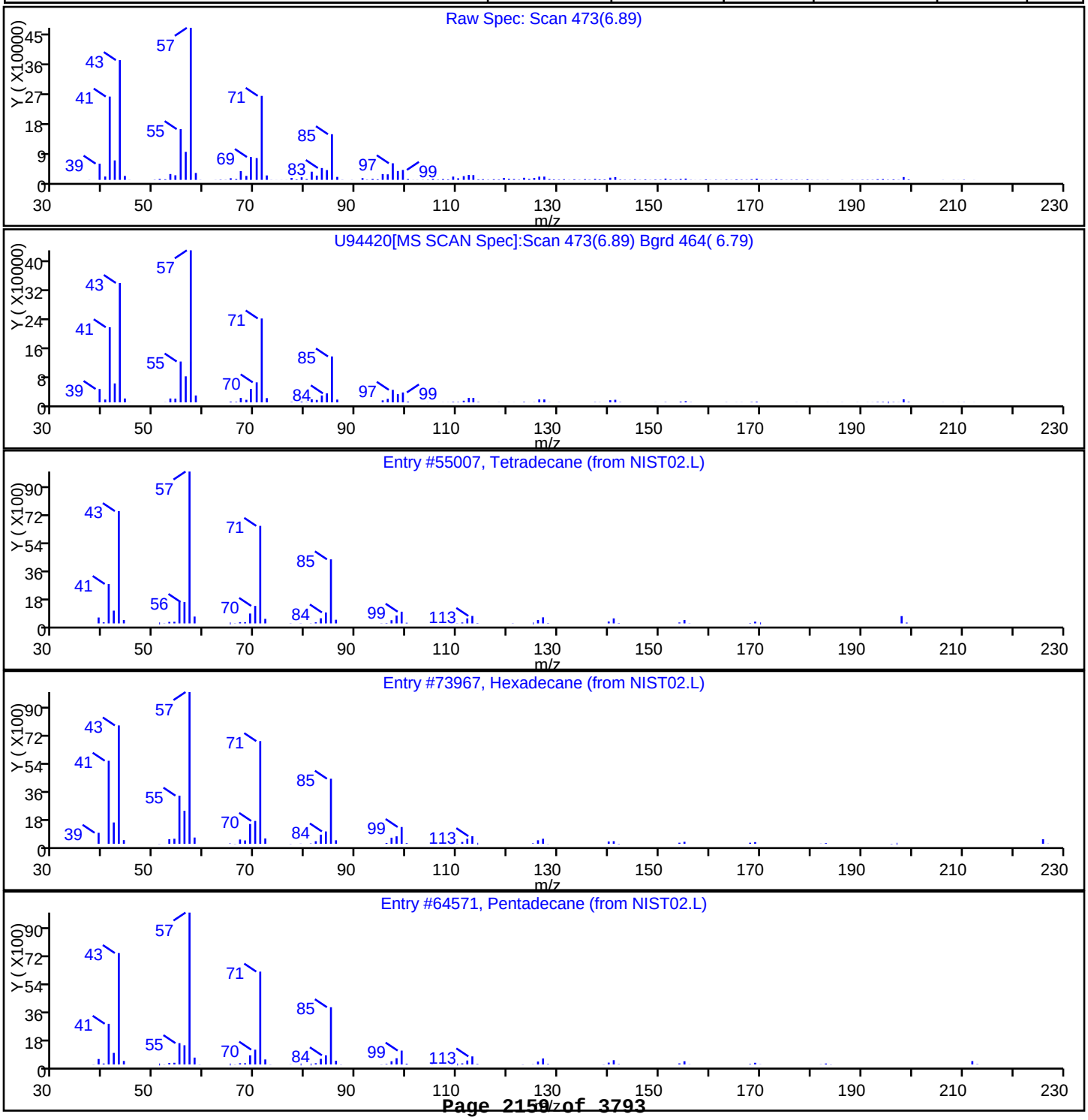
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetradecane	629-59-4	NIST02.L	55007	C14H30	198	95
Hexadecane	544-76-3	NIST02.L	73967	C16H34	226	90
Pentadecane	629-62-9	NIST02.L	64571	C15H32	212	86



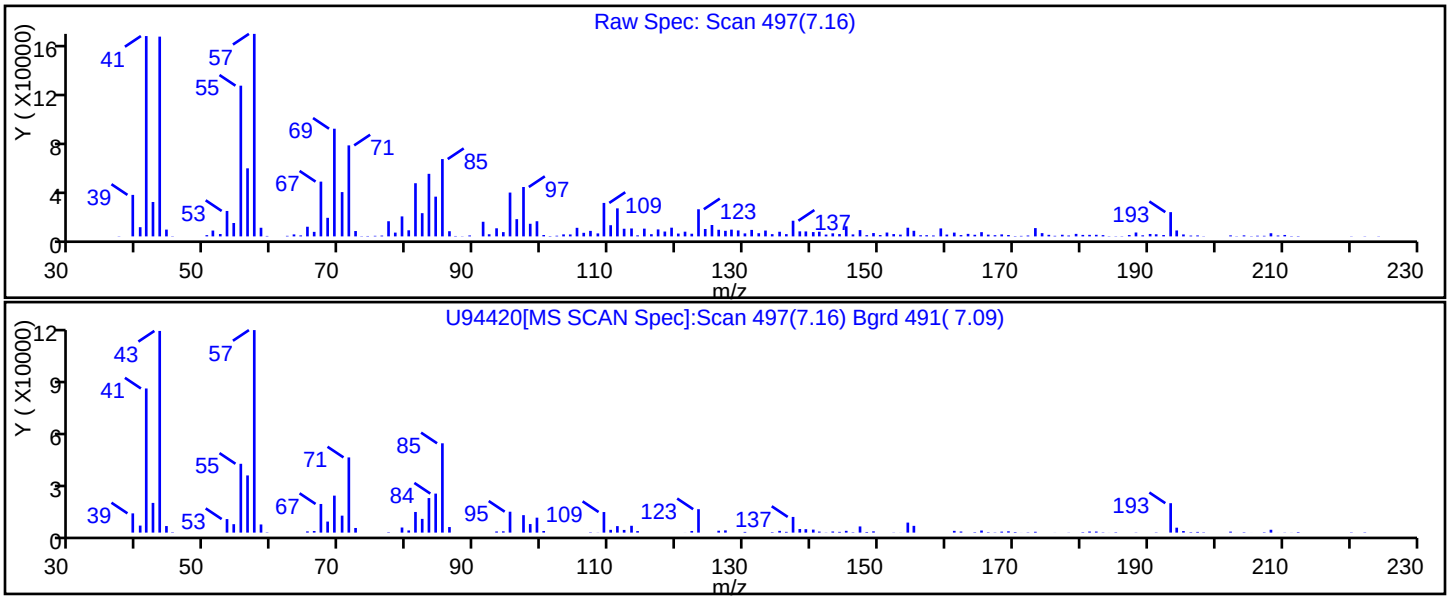
Report Date: 14-Mar-2014 16:51:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94420.D

Injection Date:	11-Mar-2014 11:01:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-17-A	Lab Sample ID:	460-72174-17		
Client ID:	PMP-2SW-WT				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 14-Mar-2014 16:51:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94420.D

Injection Date: 11-Mar-2014 11:01:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-17-A Lab Sample ID: 460-72174-17

Client ID: PMP-2SW-WT

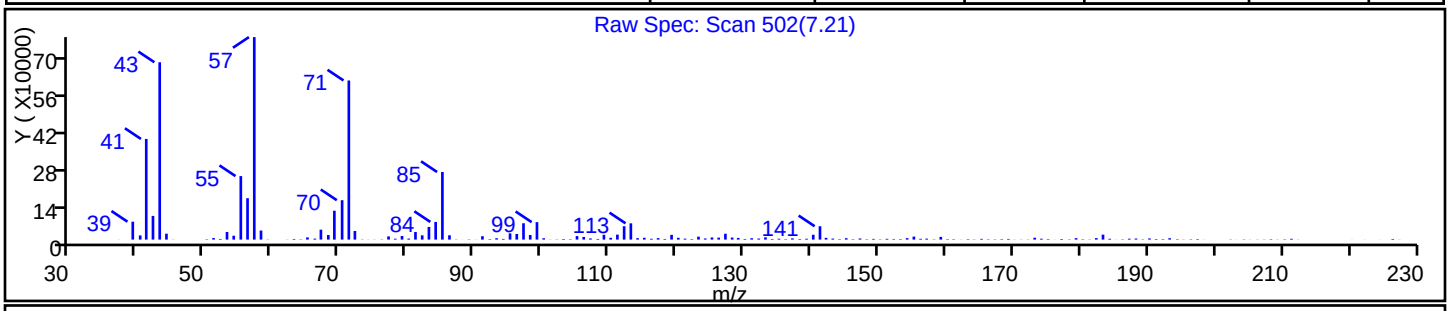
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

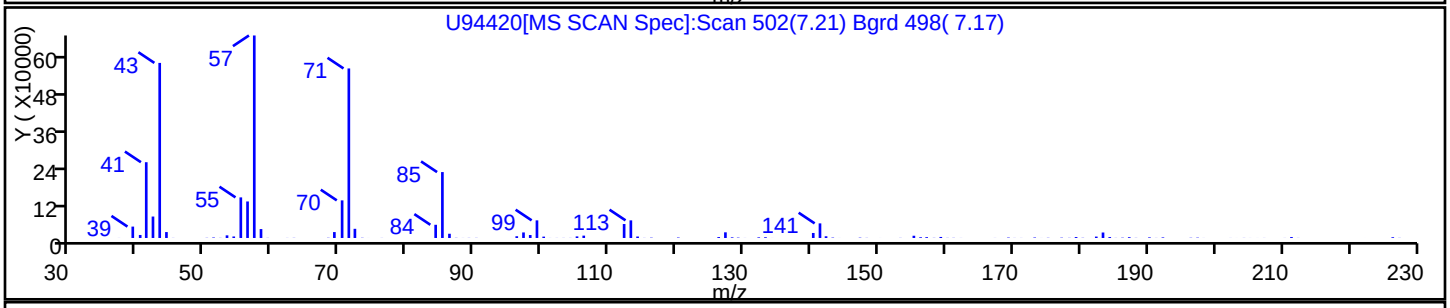
Injection Vol: 1.0 ul Dil. Factor: 1.0000

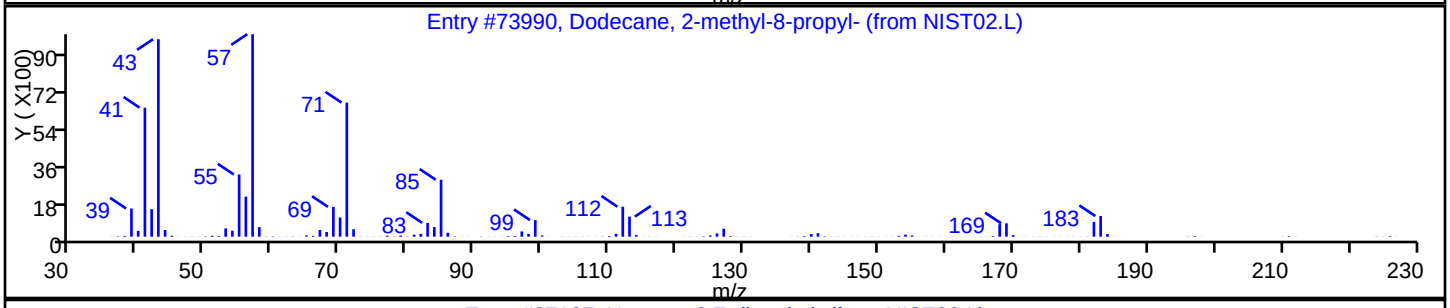
Method: 8270_4R Limit Group: SV 8270 ICAL

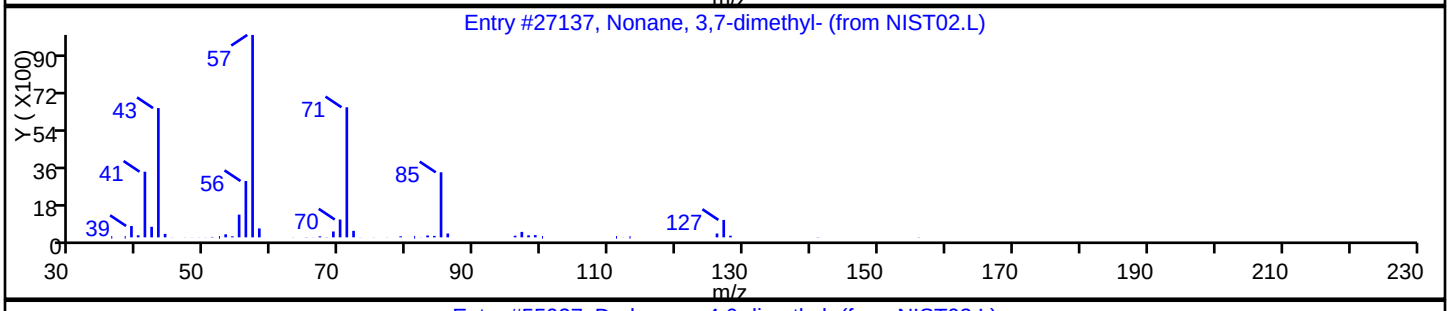
Column: Detector MS SCAN

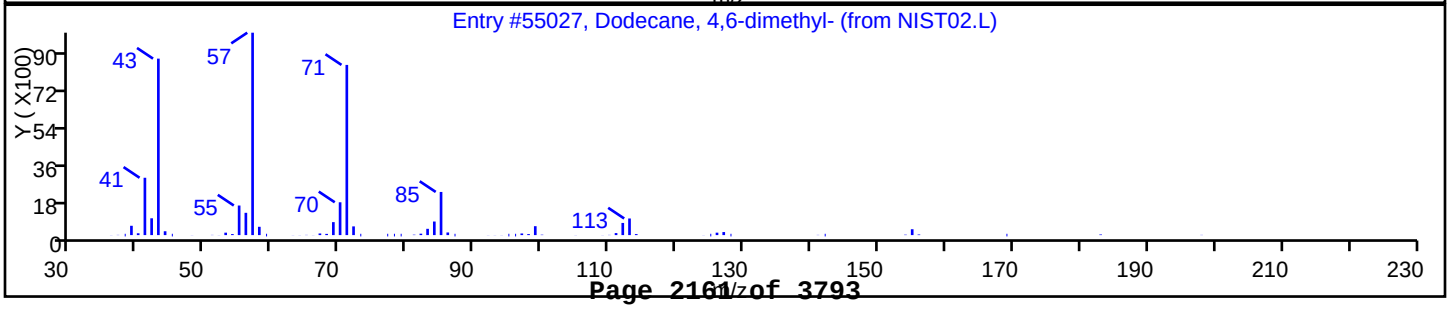
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2-methyl-8-propyl-	55045-07-3	NIST02.L	73990	C16H34	226	90
Nonane, 3,7-dimethyl-	17302-32-8	NIST02.L	27137	C11H24	156	87
Dodecane, 4,6-dimethyl-	61141-72-8	NIST02.L	55027	C14H30	198	83











Report Date: 14-Mar-2014 16:51:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94420.D

Injection Date: 11-Mar-2014 11:01:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-17-A Lab Sample ID: 460-72174-17

Client ID: PMP-2SW-WT

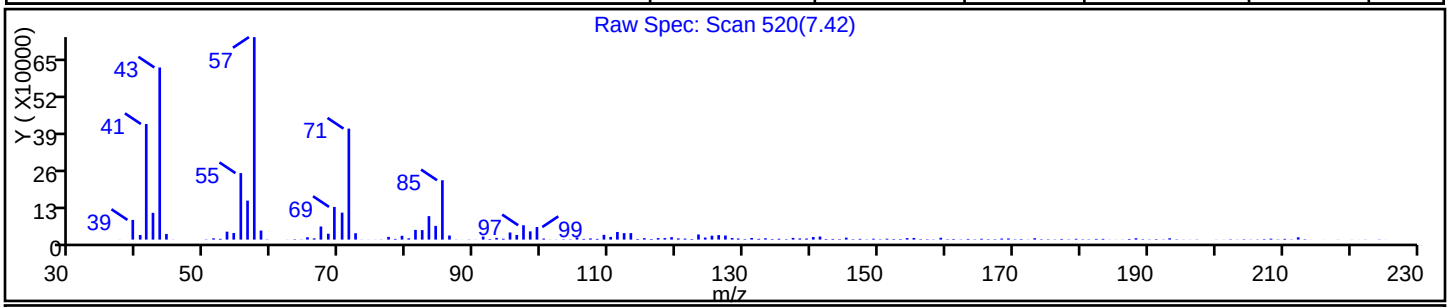
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

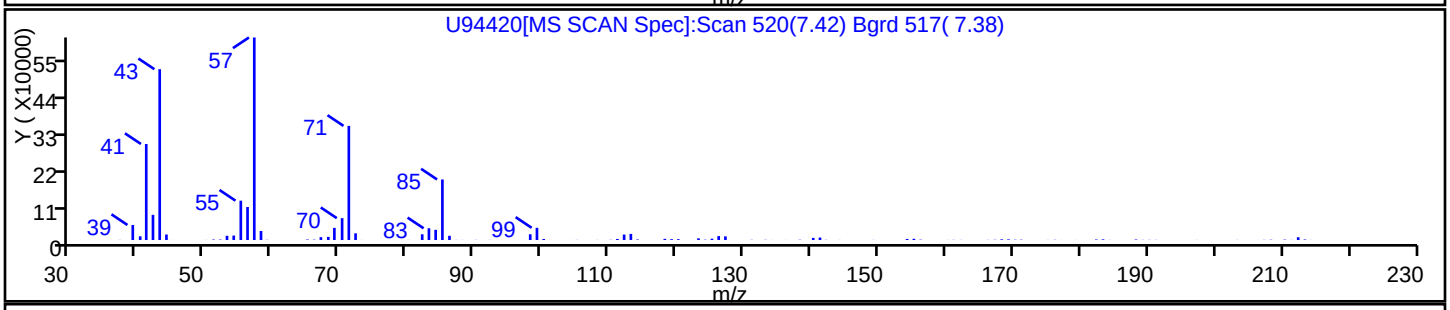
Injection Vol: 1.0 ul Dil. Factor: 1.0000

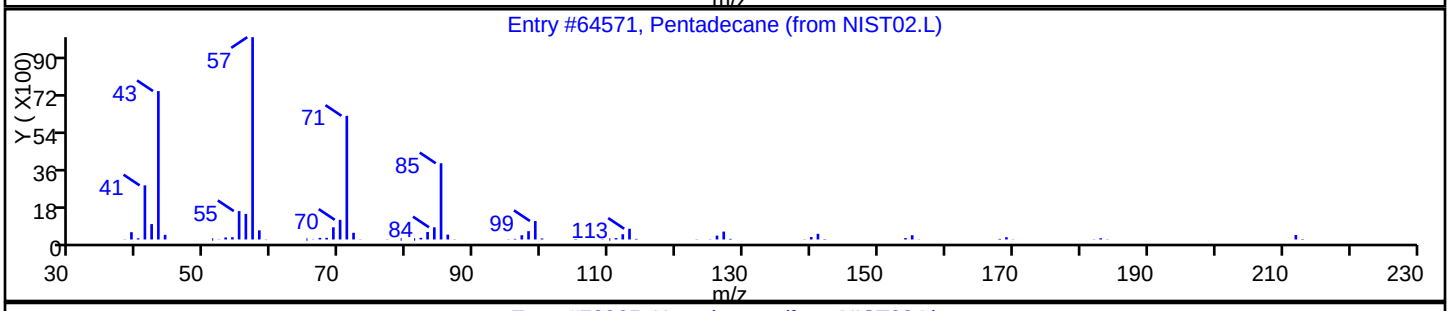
Method: 8270_4R Limit Group: SV 8270 ICAL

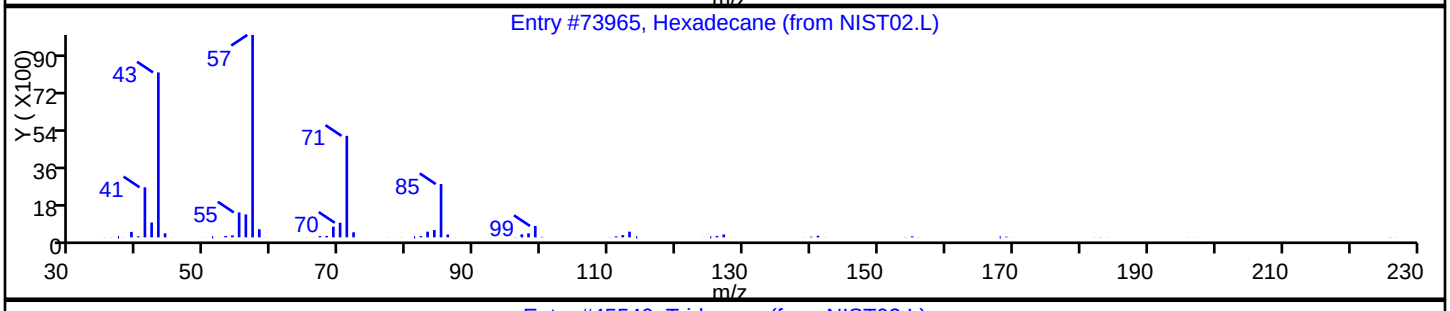
Column: Detector MS SCAN

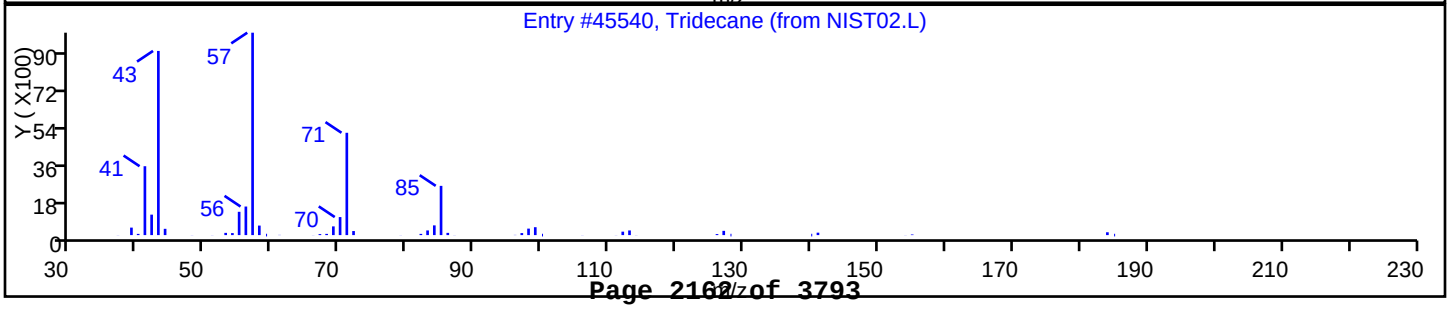
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane	629-62-9	NIST02.L	64571	C15H32	212	93
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	91
Tridecane	629-50-5	NIST02.L	45540	C13H28	184	86











Report Date: 14-Mar-2014 16:51:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94420.D

Injection Date: 11-Mar-2014 11:01:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-17-A Lab Sample ID: 460-72174-17

Client ID: PMP-2SW-WT

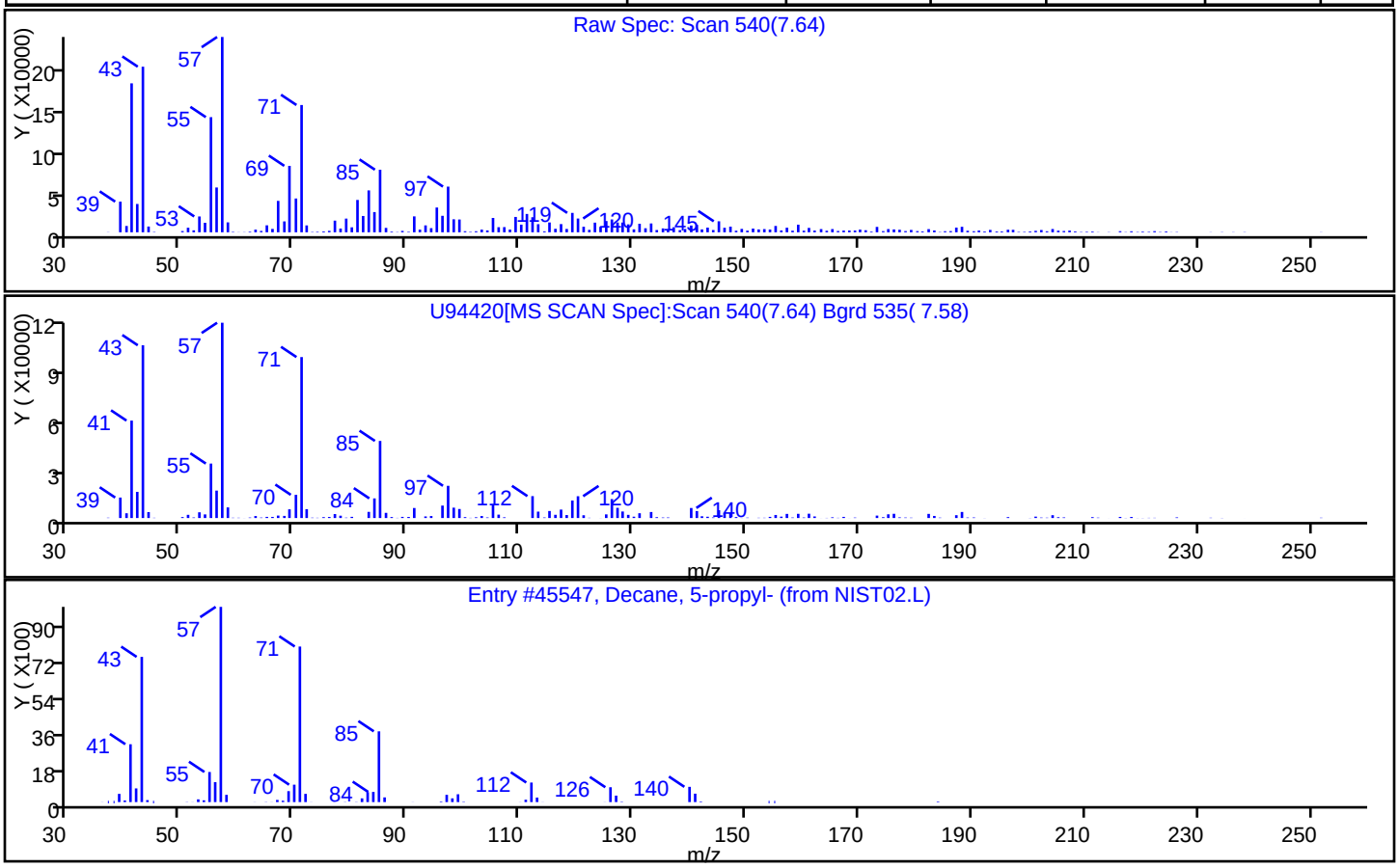
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decane, 5-propyl-	17312-62-8	NIST02.L	45547	C13H28	184	80



Report Date: 14-Mar-2014 16:51:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94420.D

Injection Date: 11-Mar-2014 11:01:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-17-A Lab Sample ID: 460-72174-17

Client ID: PMP-2SW-WT

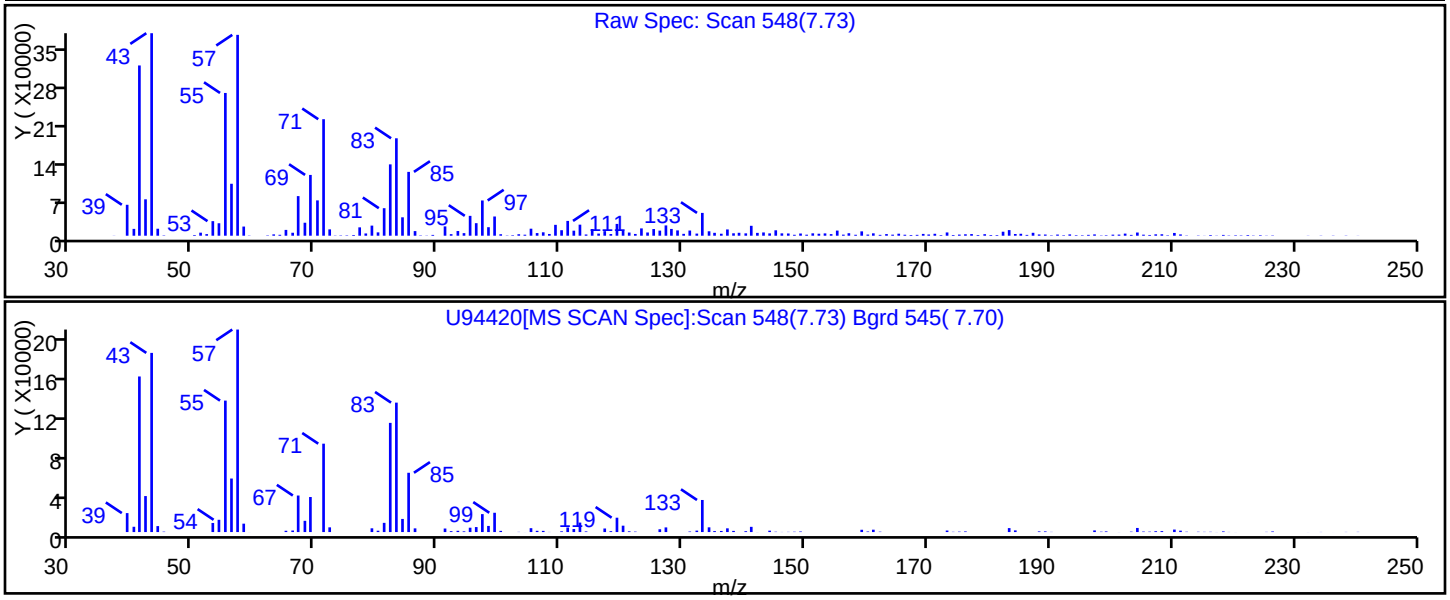
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

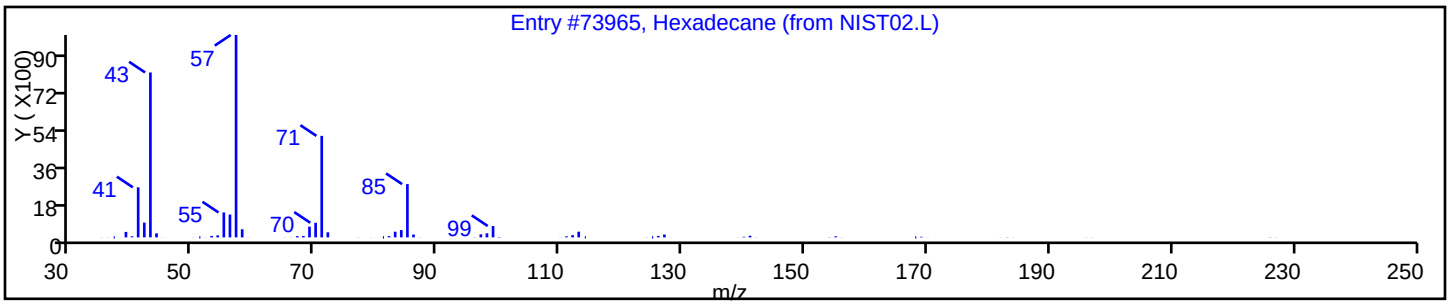
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	83





Report Date: 14-Mar-2014 16:51:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94420.D

Injection Date: 11-Mar-2014 11:01:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-17-A Lab Sample ID: 460-72174-17

Client ID: PMP-2SW-WT

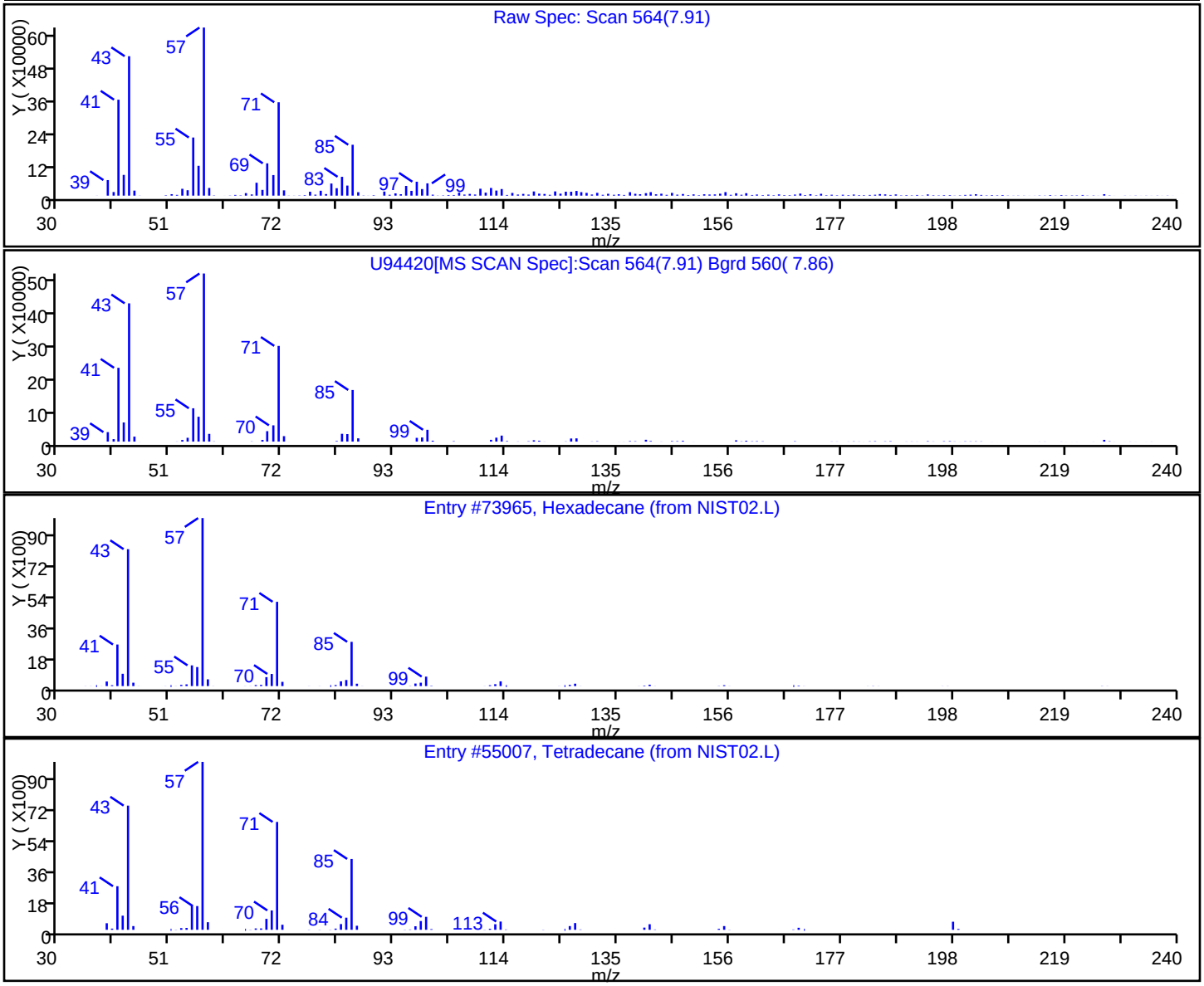
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	96
Tetradecane	629-59-4	NIST02.L	55007	C14H30	198	90



Report Date: 14-Mar-2014 16:51:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94420.D

Injection Date: 11-Mar-2014 11:01:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-17-A Lab Sample ID: 460-72174-17

Client ID: PMP-2SW-WT

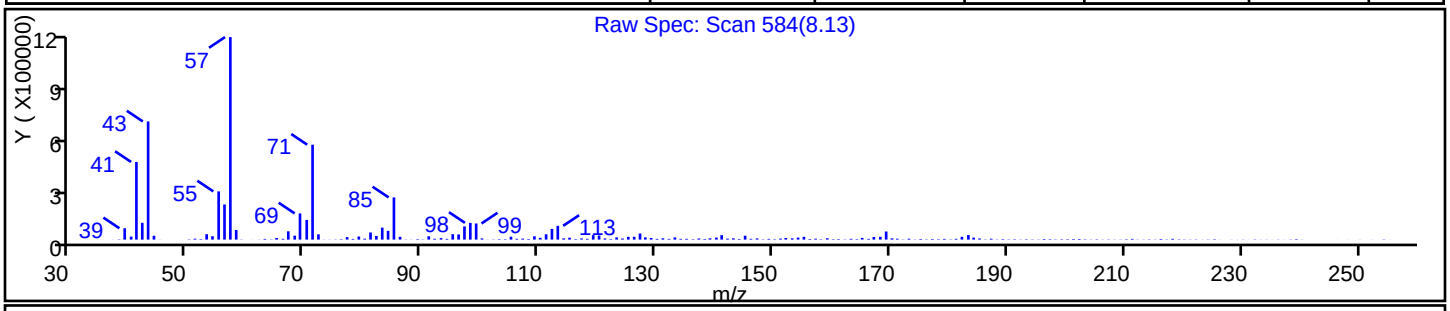
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

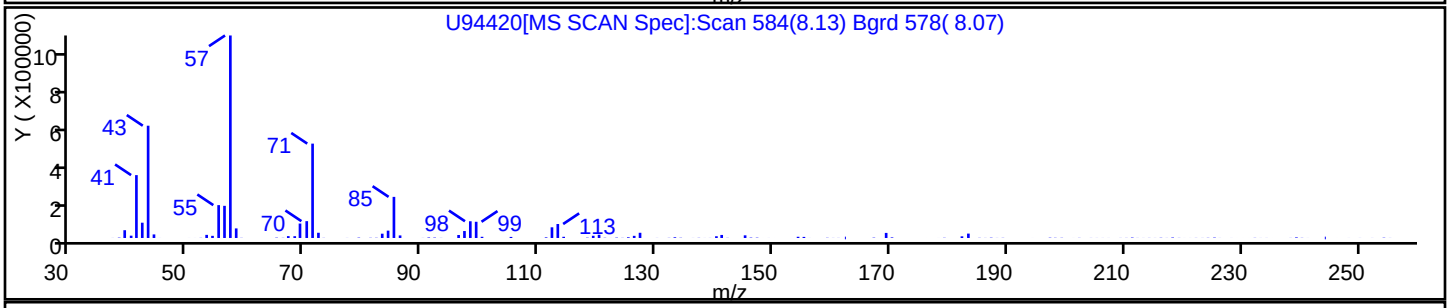
Injection Vol: 1.0 ul Dil. Factor: 1.0000

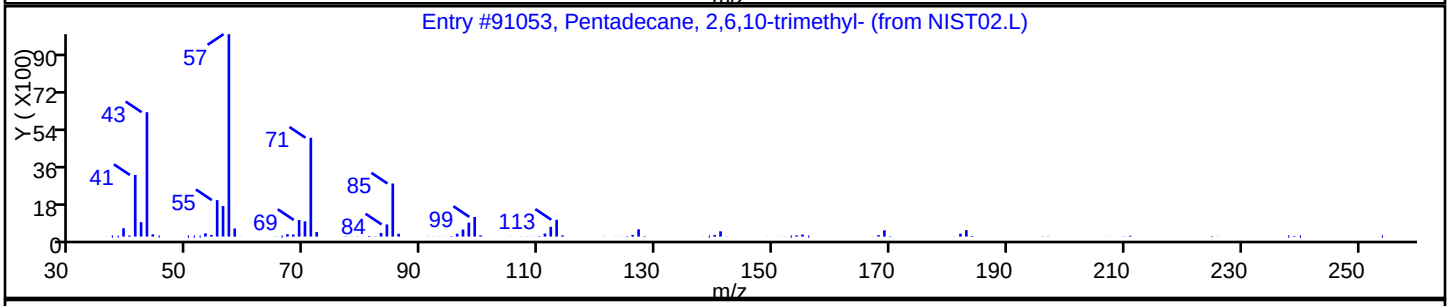
Method: 8270_4R Limit Group: SV 8270 ICAL

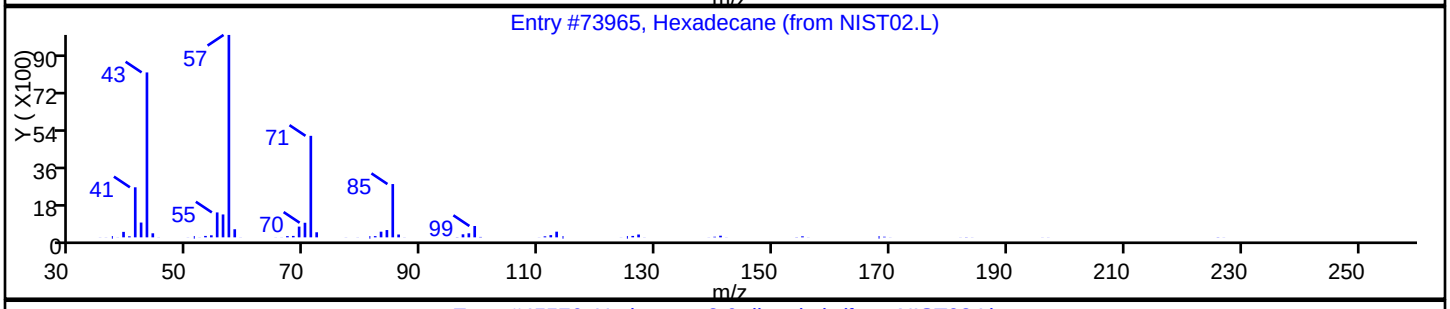
Column: Detector MS SCAN

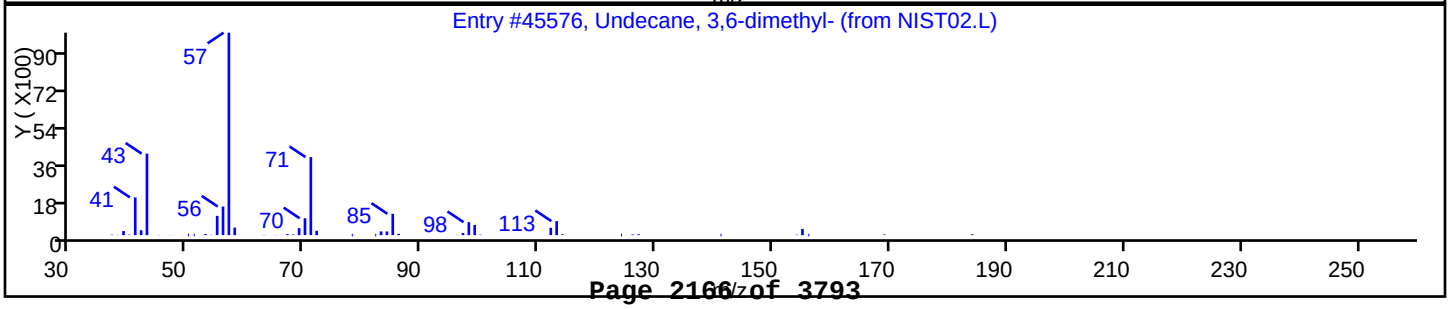
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	95
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	86
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.L	45576	C13H28	184	86







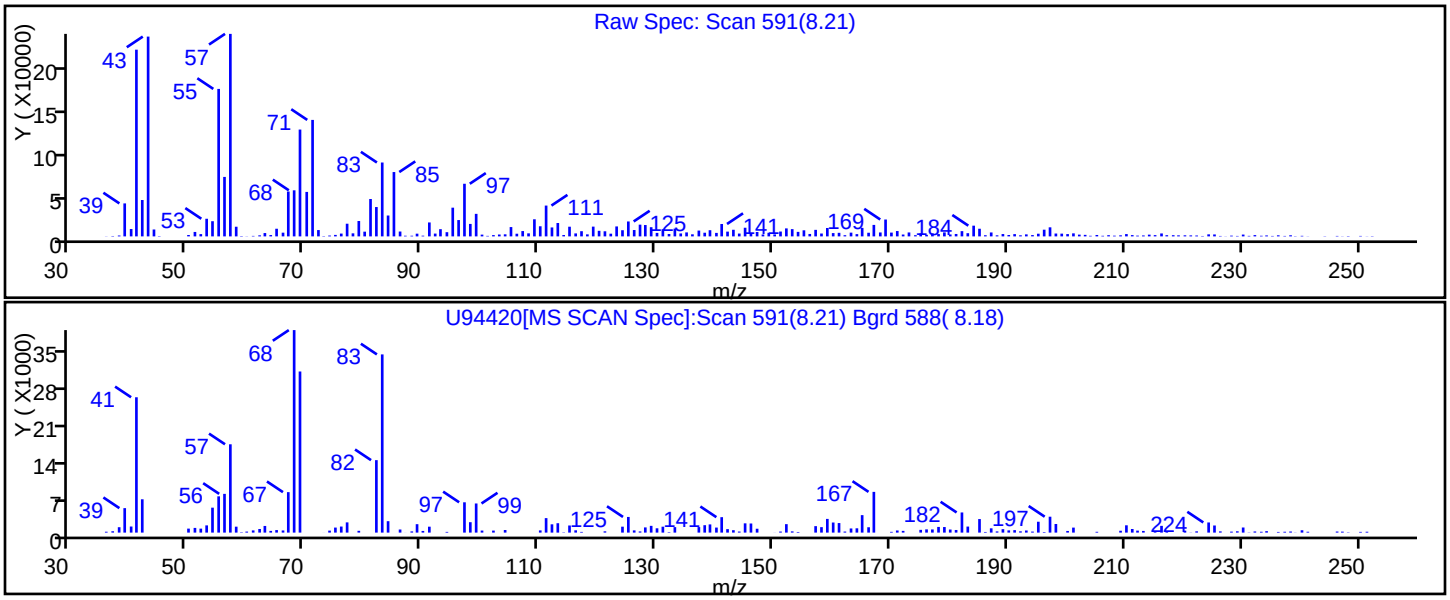




Report Date: 14-Mar-2014 16:51:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94420.D				
Injection Date:	11-Mar-2014 11:01:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-17-A	Lab Sample ID:	460-72174-17		
Client ID:	PMP-2SW-WT				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 14-Mar-2014 16:51:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94420.D

Injection Date: 11-Mar-2014 11:01:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-17-A Lab Sample ID: 460-72174-17

Client ID: PMP-2SW-WT

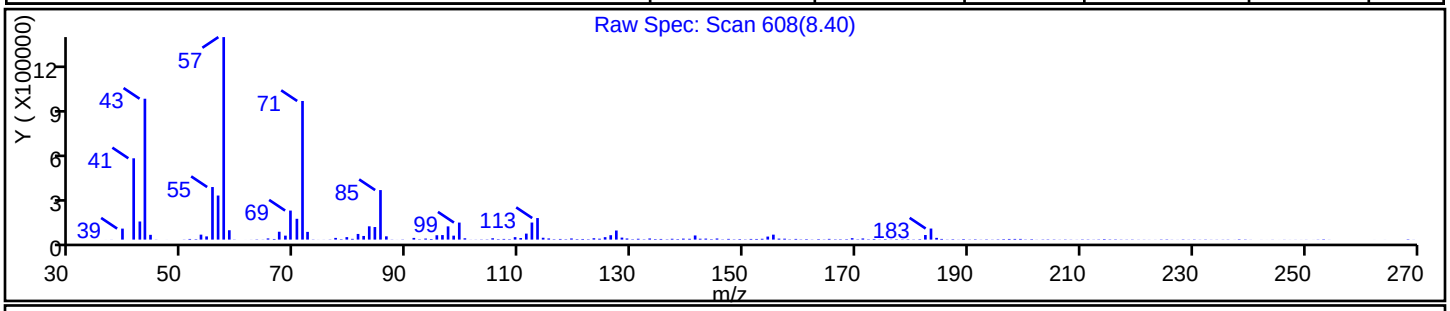
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

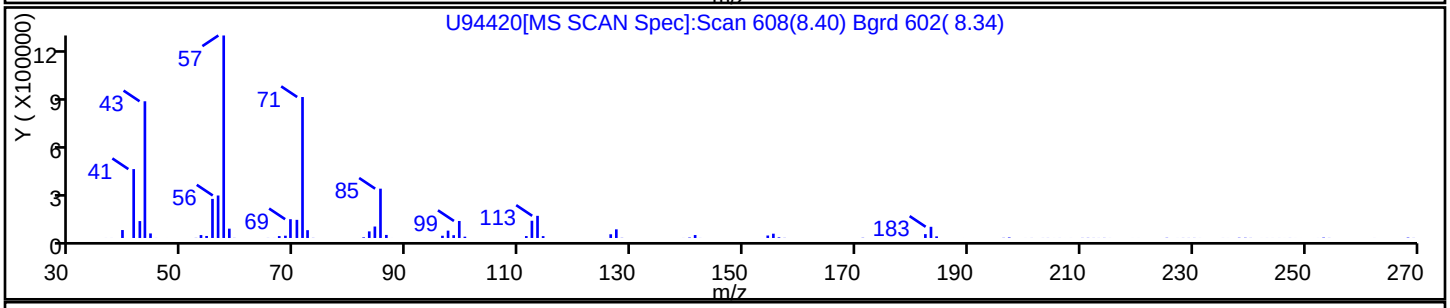
Injection Vol: 1.0 ul Dil. Factor: 1.0000

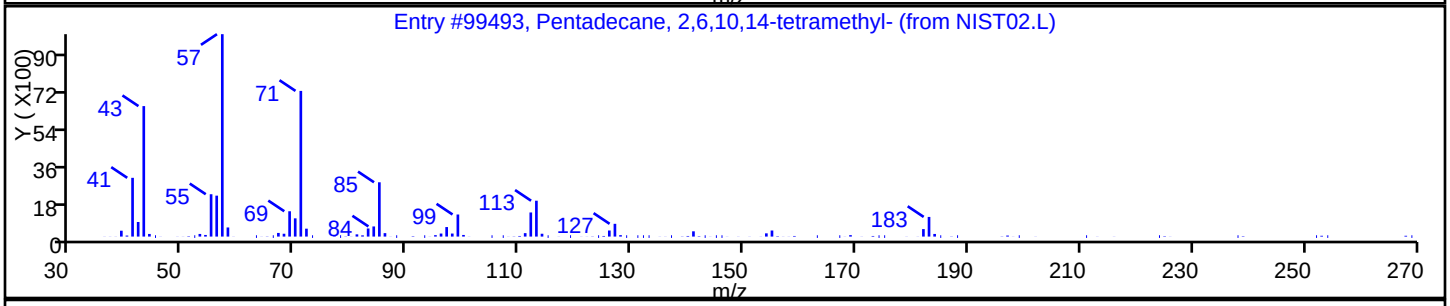
Method: 8270_4R Limit Group: SV 8270 ICAL

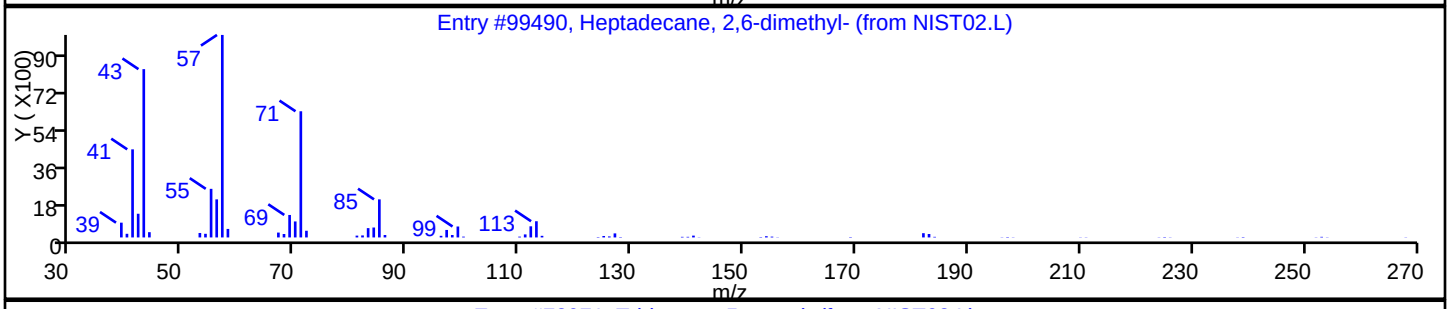
Column: Detector MS SCAN

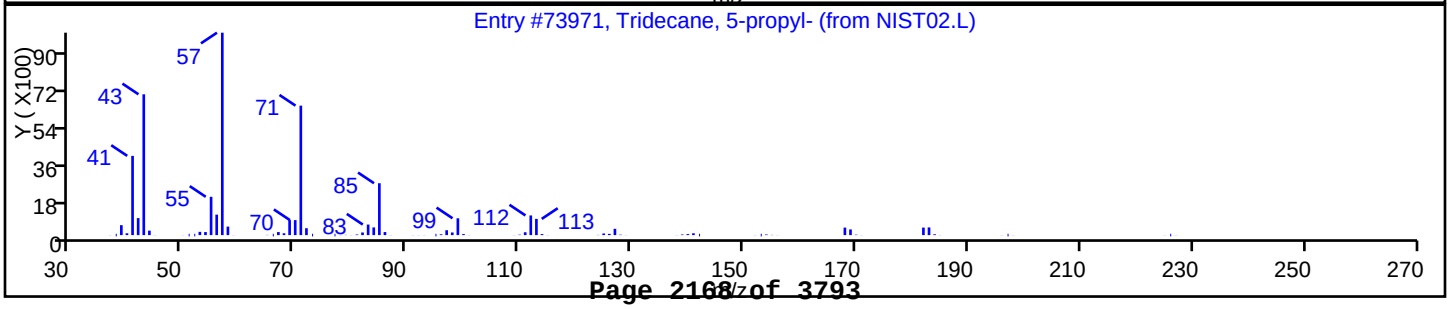
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99493	C19H40	268	97
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	C19H40	268	91
Tridecane, 5-propyl-	55045-11-9	NIST02.L	73971	C16H34	226	80











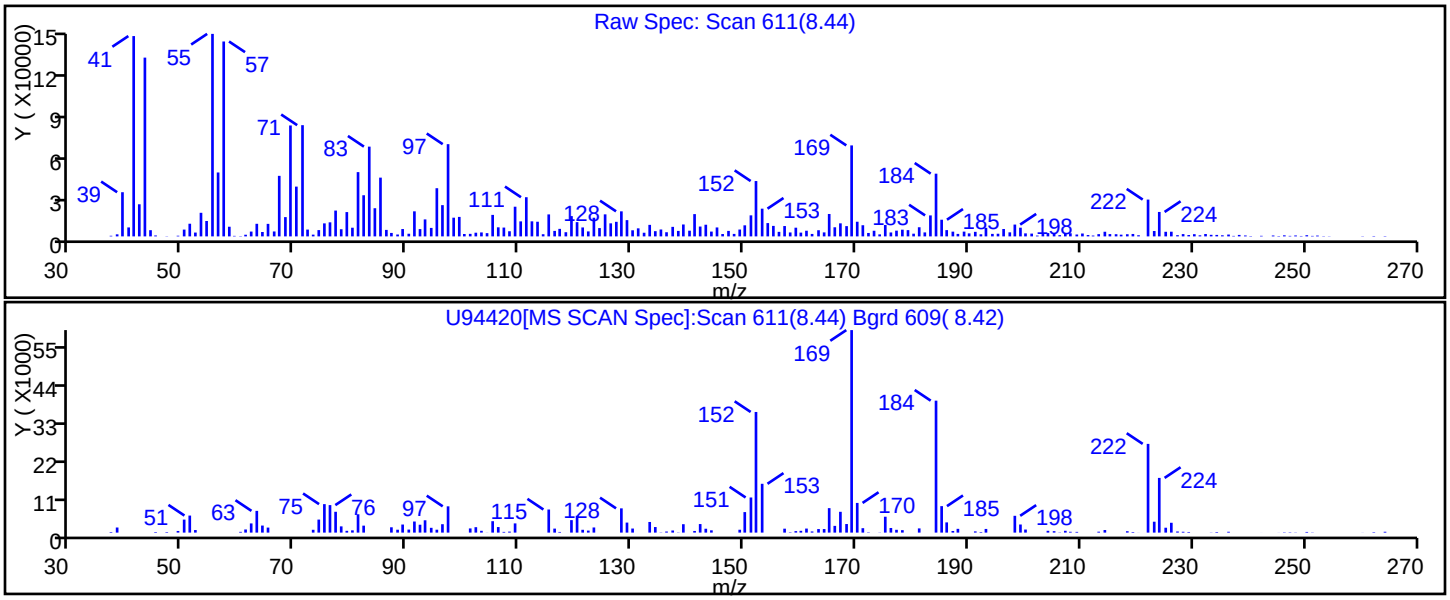
Report Date: 14-Mar-2014 16:51:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94420.D

Injection Date:	11-Mar-2014 11:01:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-17-A	Lab Sample ID:	460-72174-17		
Client ID:	PMP-2SW-WT				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 14-Mar-2014 16:51:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94420.D

Injection Date: 11-Mar-2014 11:01:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-17-A Lab Sample ID: 460-72174-17

Client ID: PMP-2SW-WT

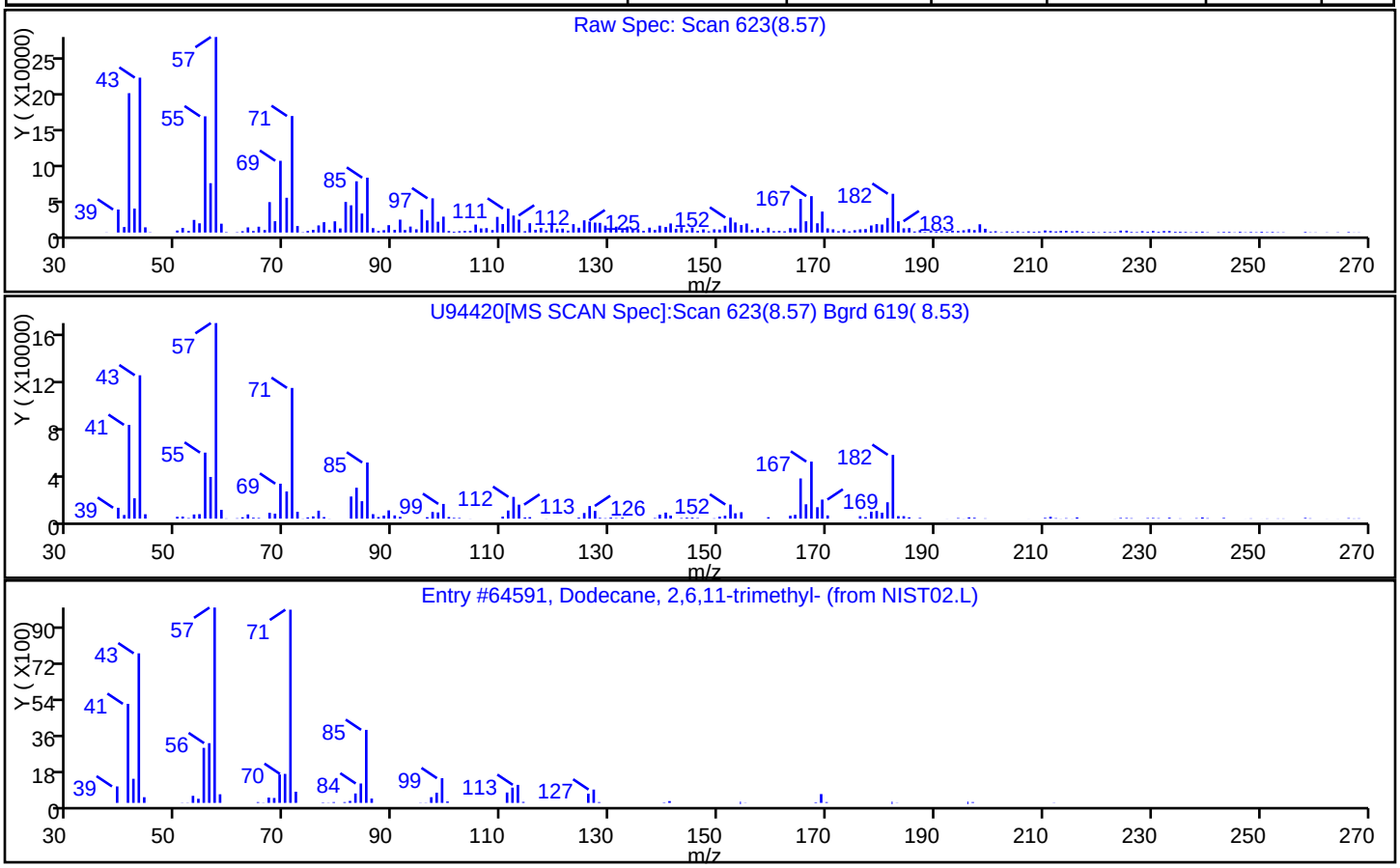
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64591	C15H32	212	89

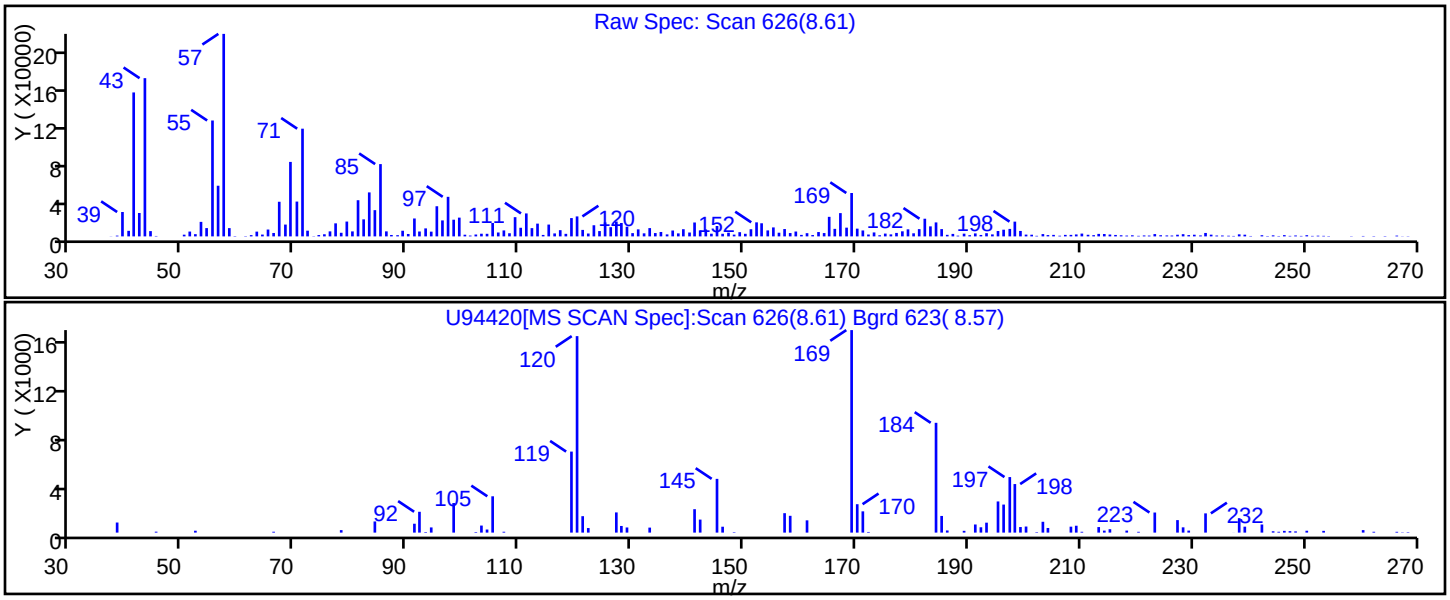


Report Date: 14-Mar-2014 16:51:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94420.D

Injection Date:	11-Mar-2014 11:01:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-17-A	Lab Sample ID:	460-72174-17		
Client ID:	PMP-2SW-WT				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



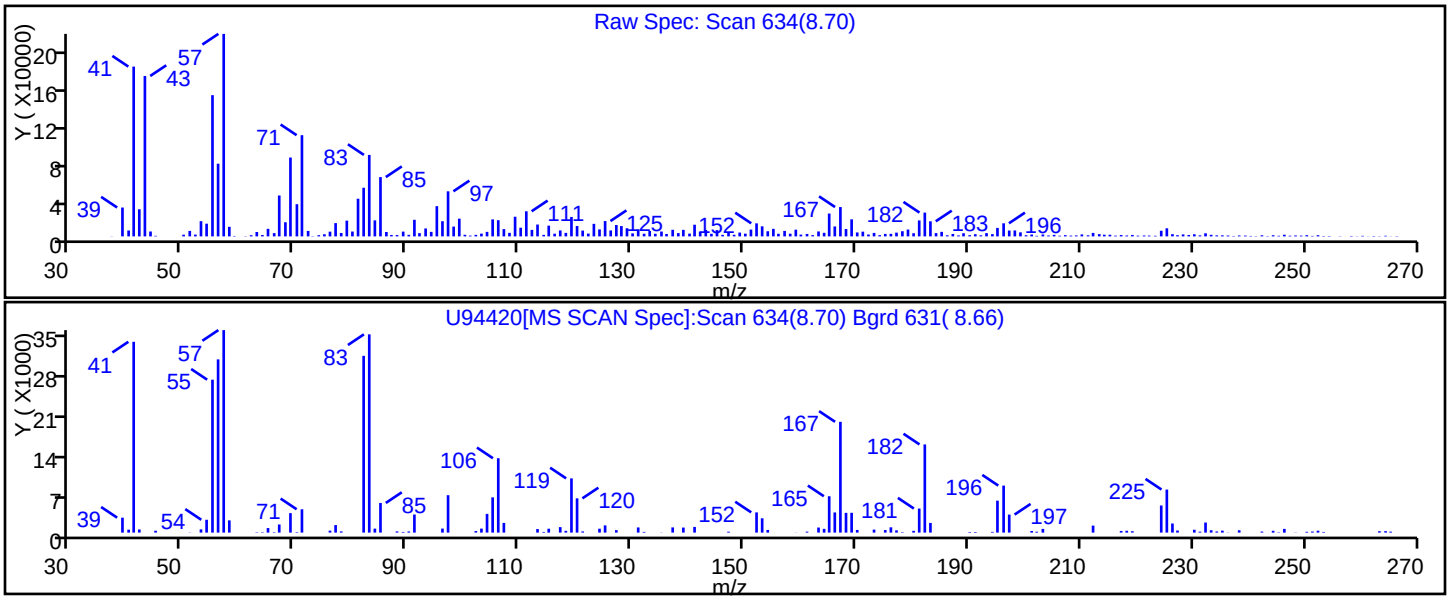
Report Date: 14-Mar-2014 16:51:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94420.D

Injection Date:	11-Mar-2014 11:01:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-17-A	Lab Sample ID:	460-72174-17		
Client ID:	PMP-2SW-WT				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 14-Mar-2014 16:51:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94420.D

Injection Date: 11-Mar-2014 11:01:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-17-A Lab Sample ID: 460-72174-17

Client ID: PMP-2SW-WT

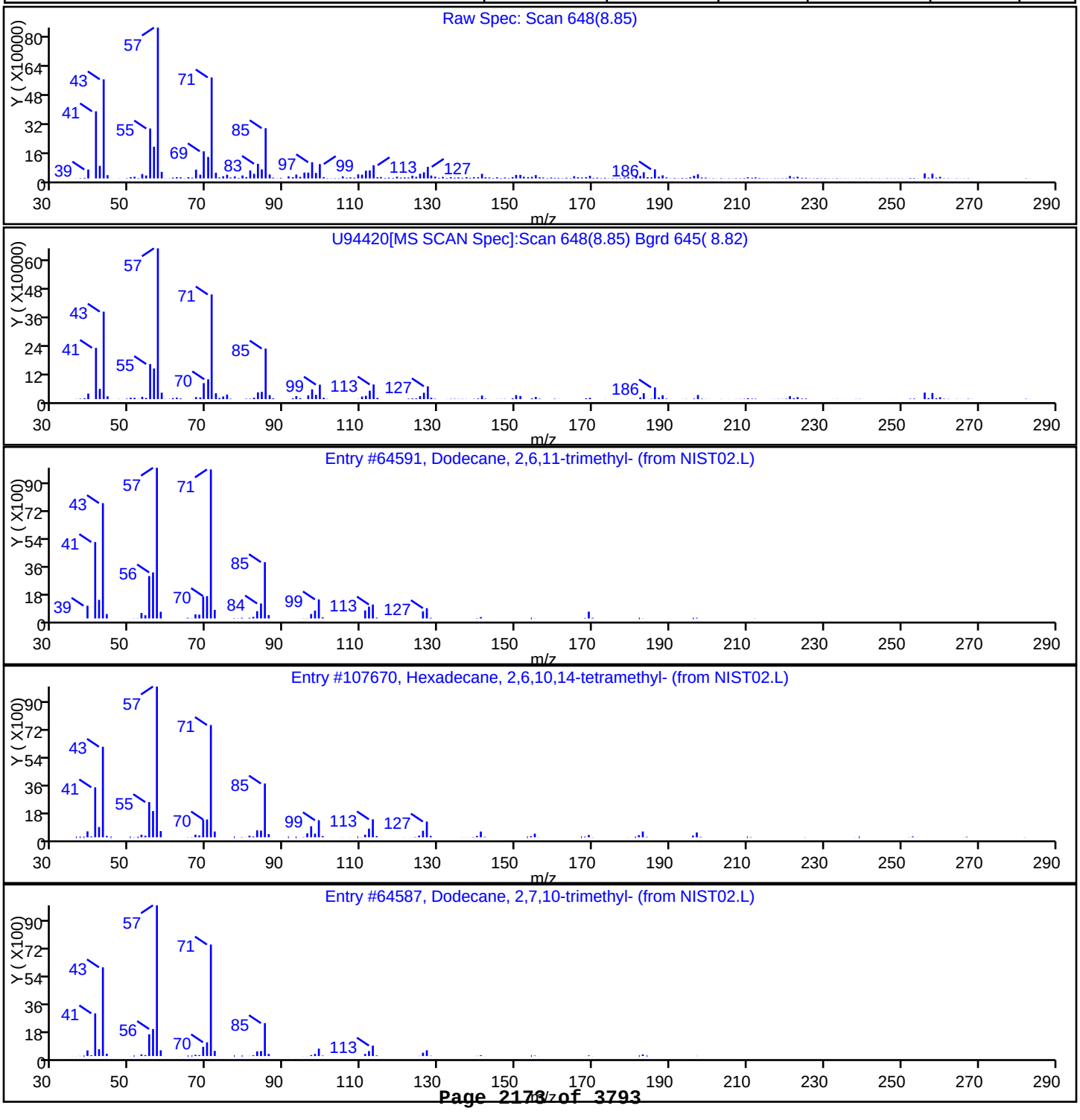
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64591	C15H32	212	90
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	C20H42	282	90
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	80



Report Date: 14-Mar-2014 16:51:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94420.D

Injection Date: 11-Mar-2014 11:01:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-17-A Lab Sample ID: 460-72174-17

Client ID: PMP-2SW-WT

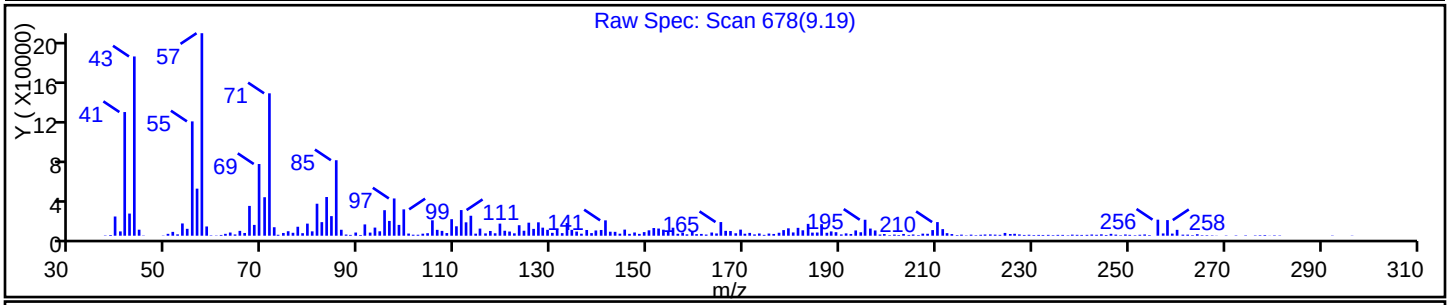
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

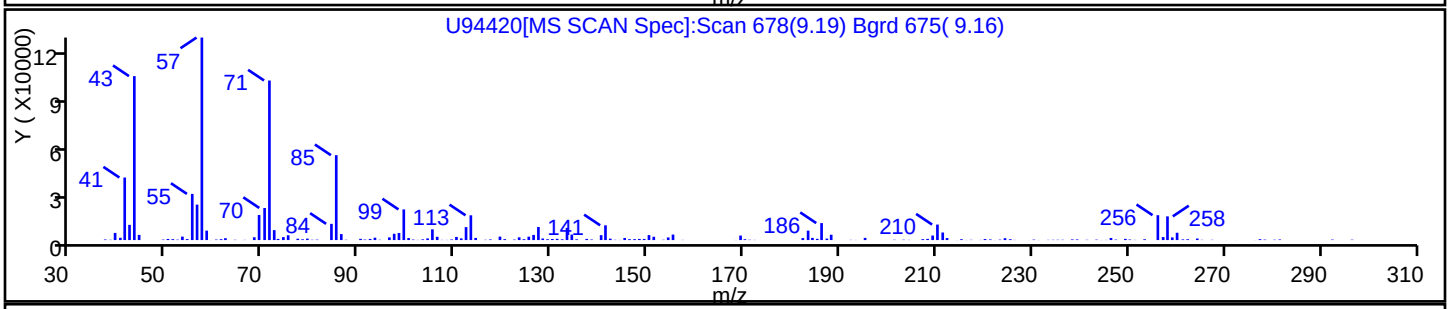
Injection Vol: 1.0 ul Dil. Factor: 1.0000

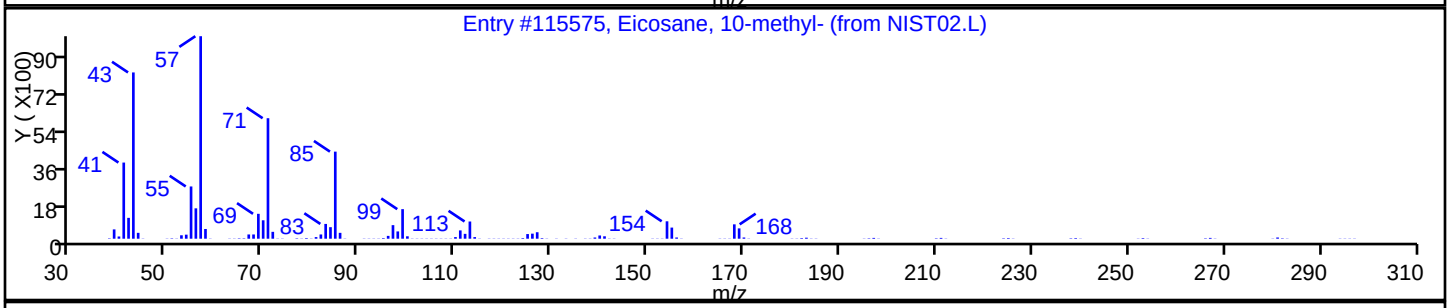
Method: 8270_4R Limit Group: SV 8270 ICAL

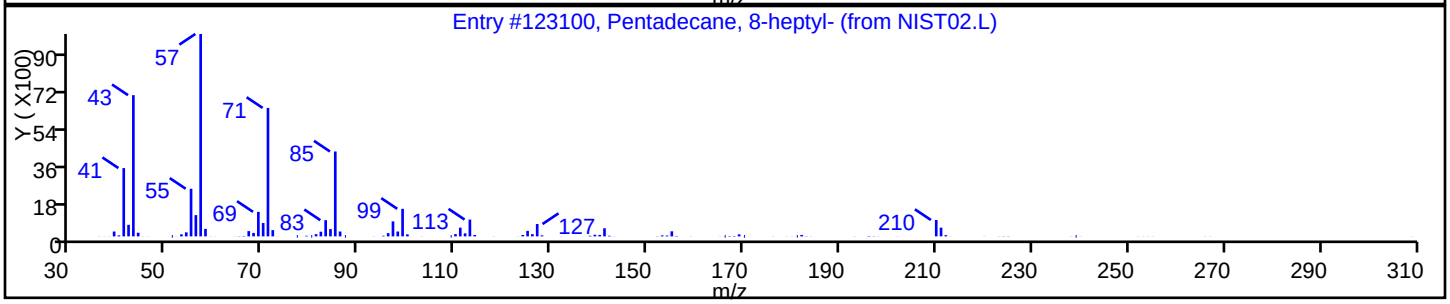
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Eicosane, 10-methyl-	54833-23-7	NIST02.L	115575	C21H44	296	90
Pentadecane, 8-heptyl-	71005-15-7	NIST02.L	123100	C22H46	310	80









Report Date: 14-Mar-2014 16:51:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94420.D

Injection Date: 11-Mar-2014 11:01:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-17-A Lab Sample ID: 460-72174-17

Client ID: PMP-2SW-WT

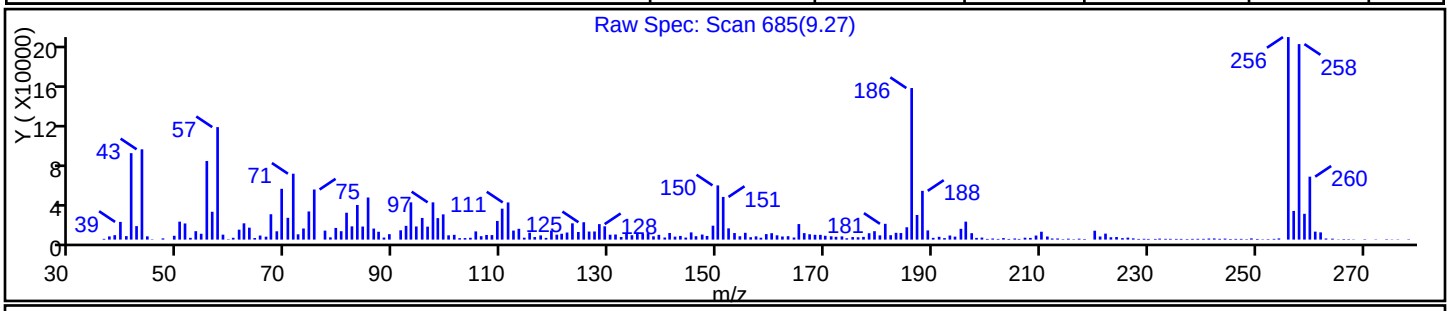
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

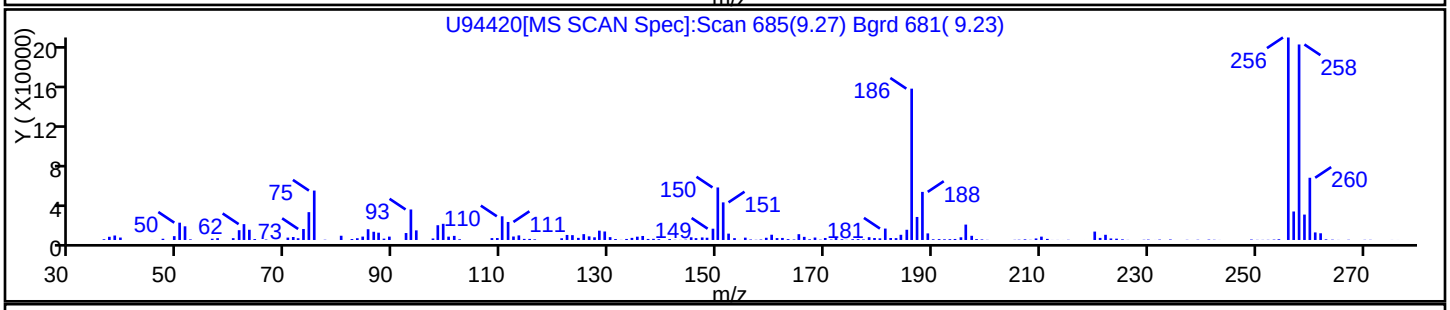
Injection Vol: 1.0 ul Dil. Factor: 1.0000

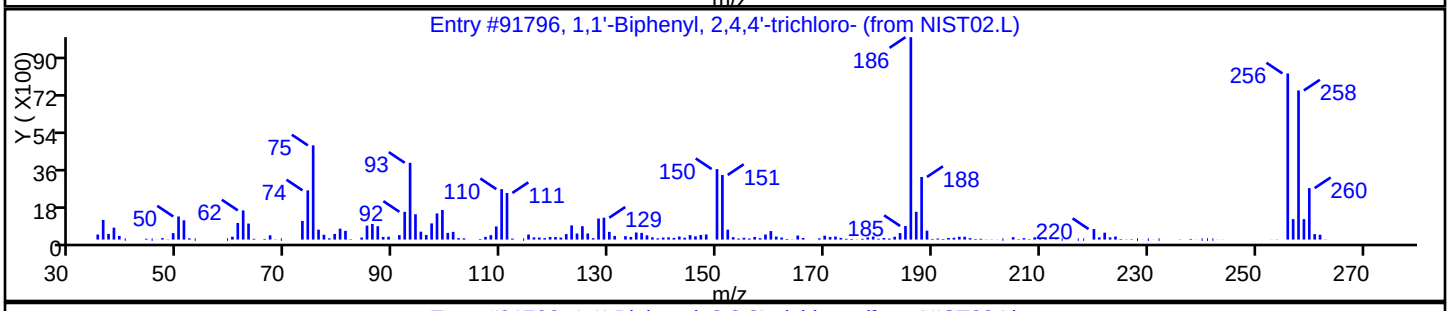
Method: 8270_4R Limit Group: SV 8270 ICAL

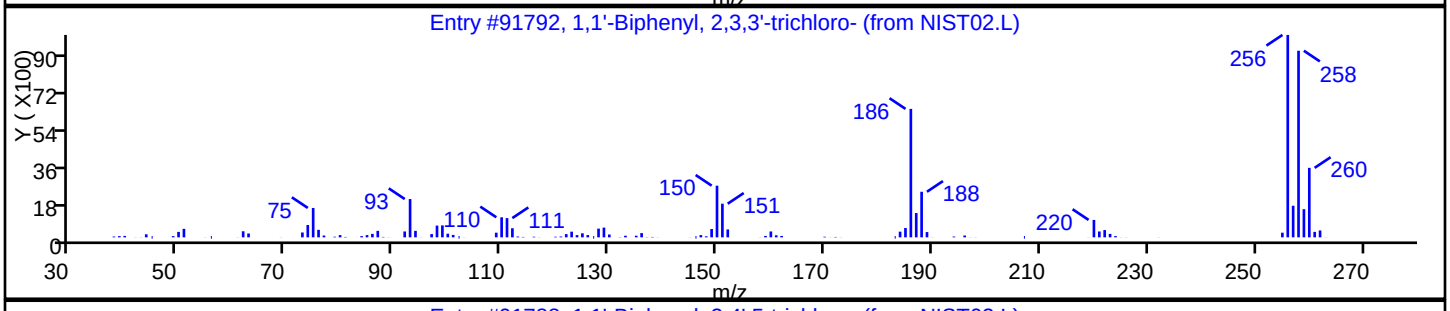
Column: Detector MS SCAN

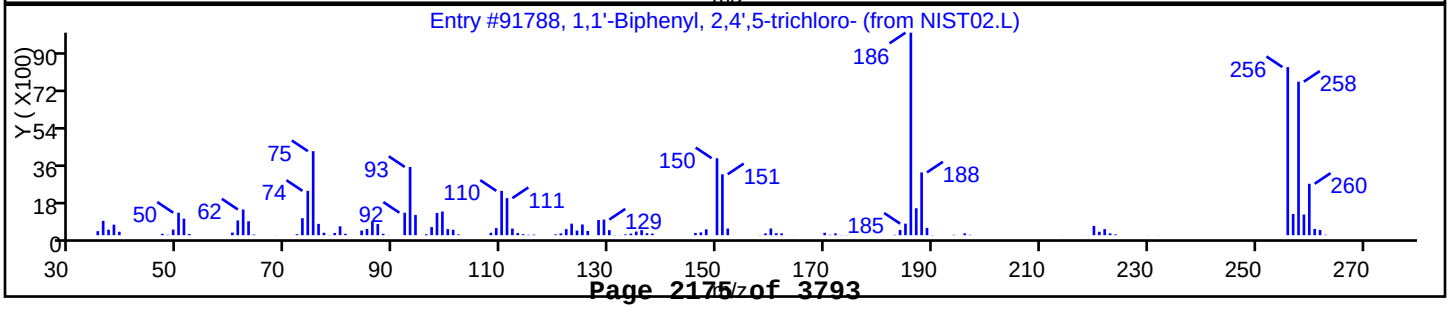
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91796	C12H7Cl3	256	98
1,1'-Biphenyl, 2,3,3'-trichloro-	38444-84-7	NIST02.L	91792	C12H7Cl3	256	97
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	96











Report Date: 14-Mar-2014 16:51:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94420.D

Injection Date: 11-Mar-2014 11:01:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-17-A Lab Sample ID: 460-72174-17

Client ID: PMP-2SW-WT

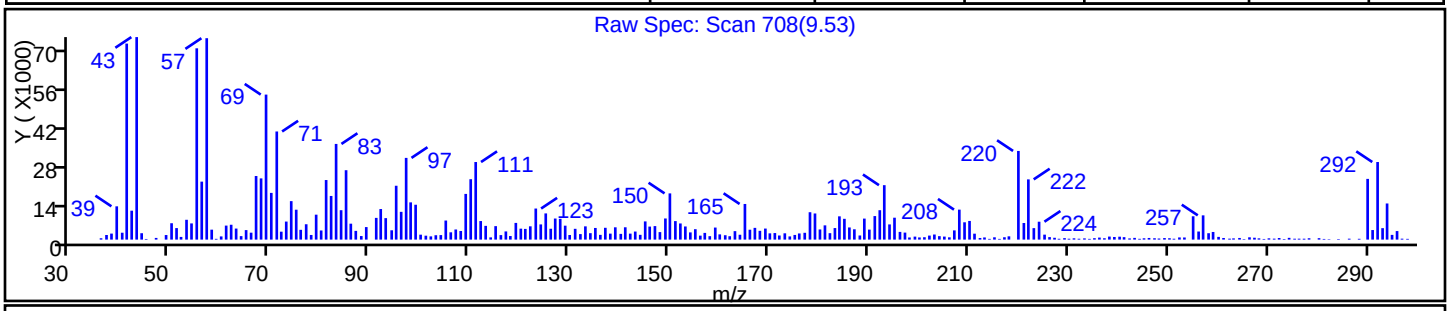
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

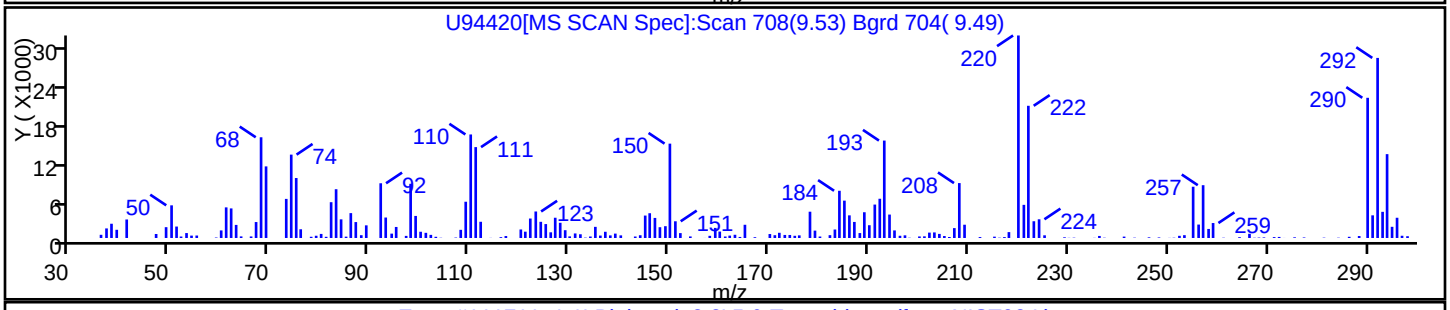
Injection Vol: 1.0 ul Dil. Factor: 1.0000

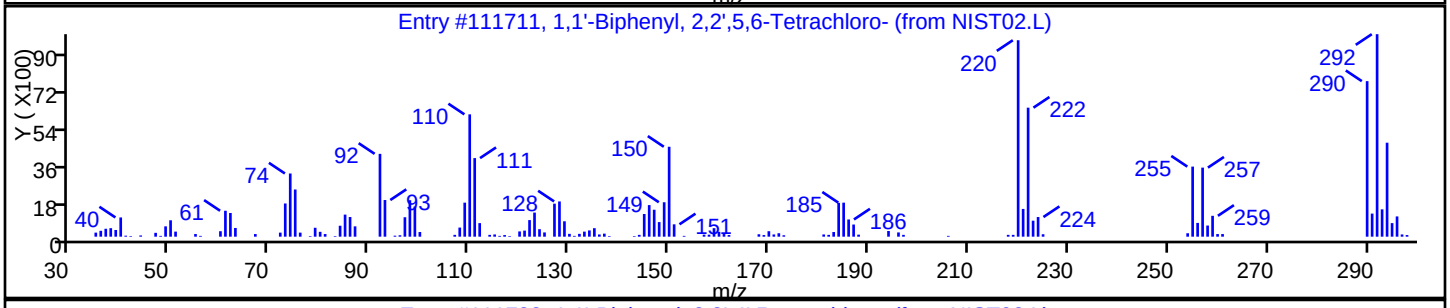
Method: 8270_4R Limit Group: SV 8270 ICAL

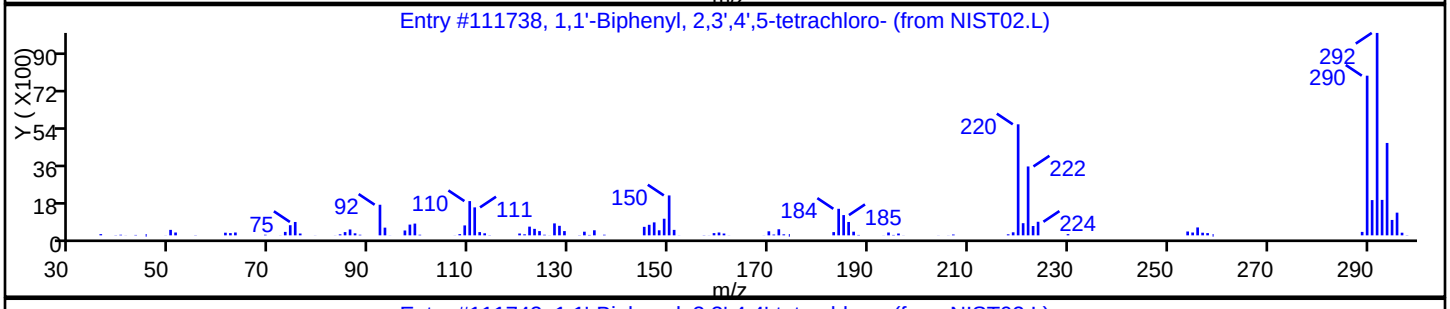
Column: Detector MS SCAN

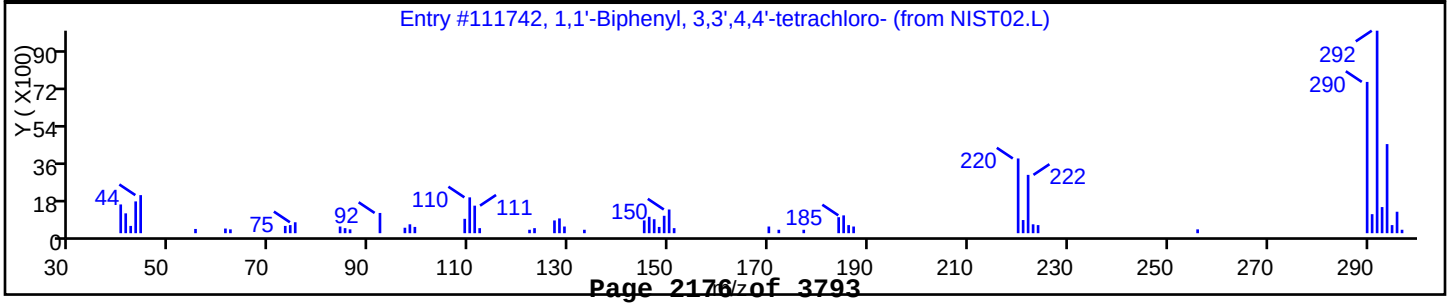
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	41464-41-9	NIST02.L	111711	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',4',5-tetrachloro-	32598-11-1	NIST02.L	111738	C12H6Cl4	290	98
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	C12H6Cl4	290	97











Report Date: 14-Mar-2014 16:51:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94420.D

Injection Date: 11-Mar-2014 11:01:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-17-A Lab Sample ID: 460-72174-17

Client ID: PMP-2SW-WT

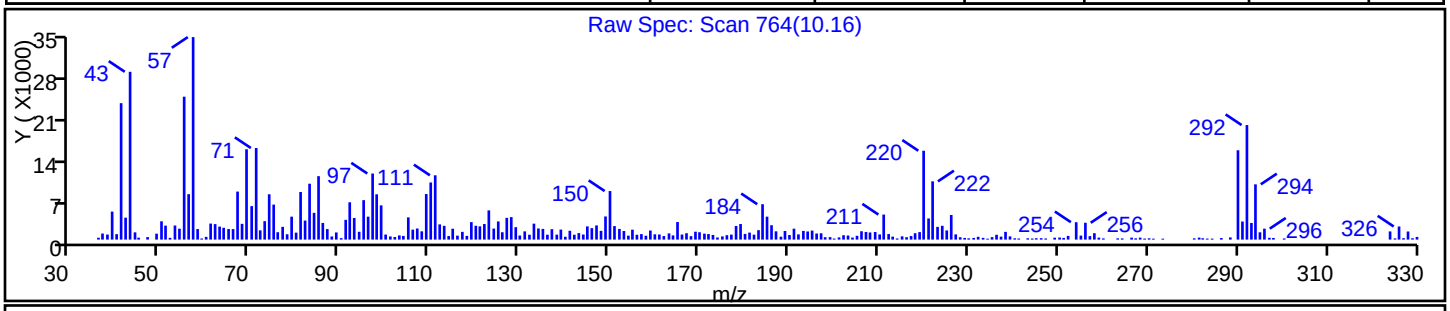
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

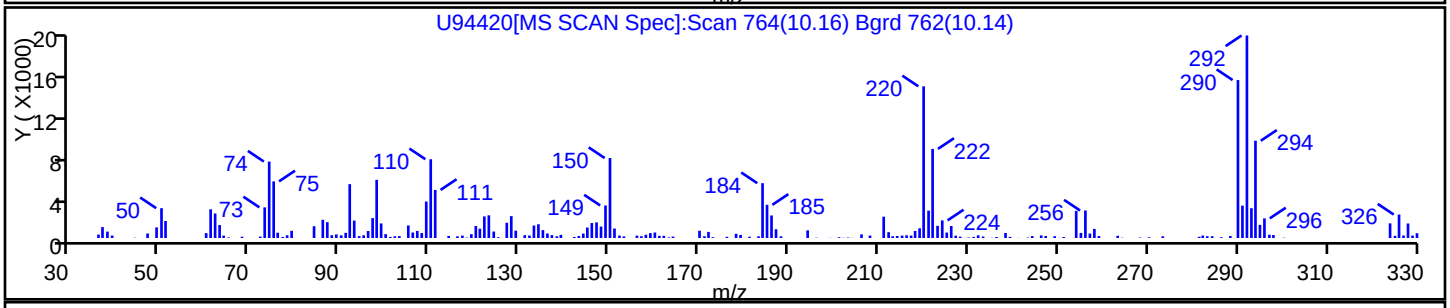
Injection Vol: 1.0 ul Dil. Factor: 1.0000

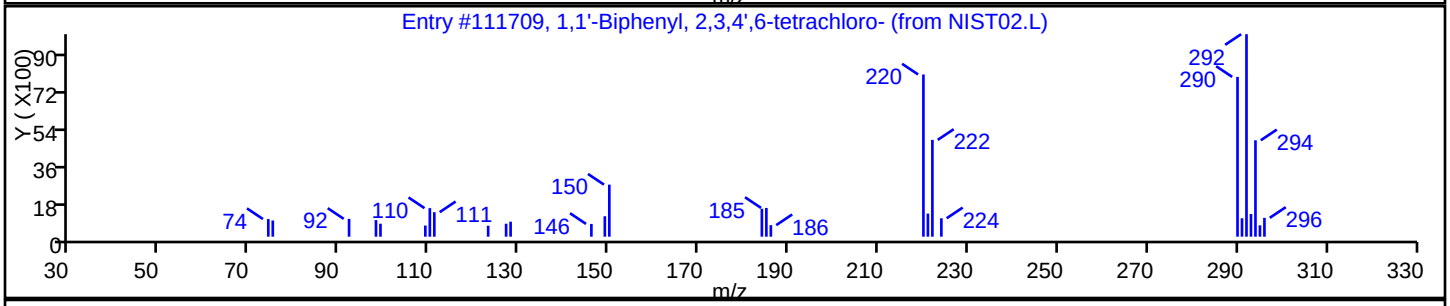
Method: 8270_4R Limit Group: SV 8270 ICAL

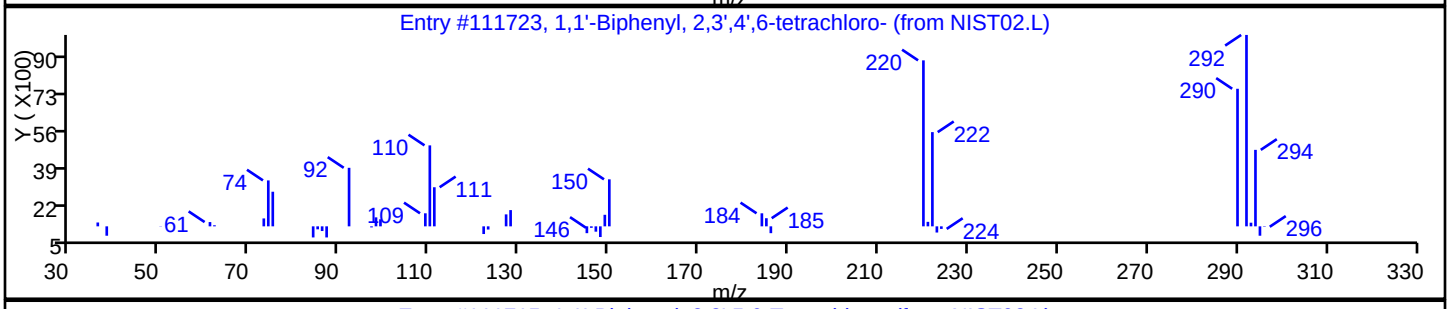
Column: Detector MS SCAN

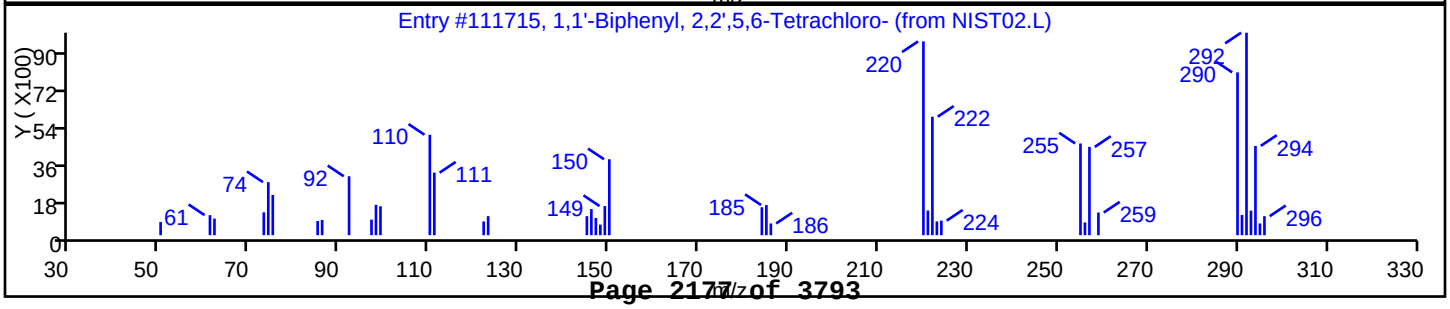
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',4',6-tetrachloro-	41464-46-4	NIST02.L	111723	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	41464-41-9	NIST02.L	111715	C12H6Cl4	290	99







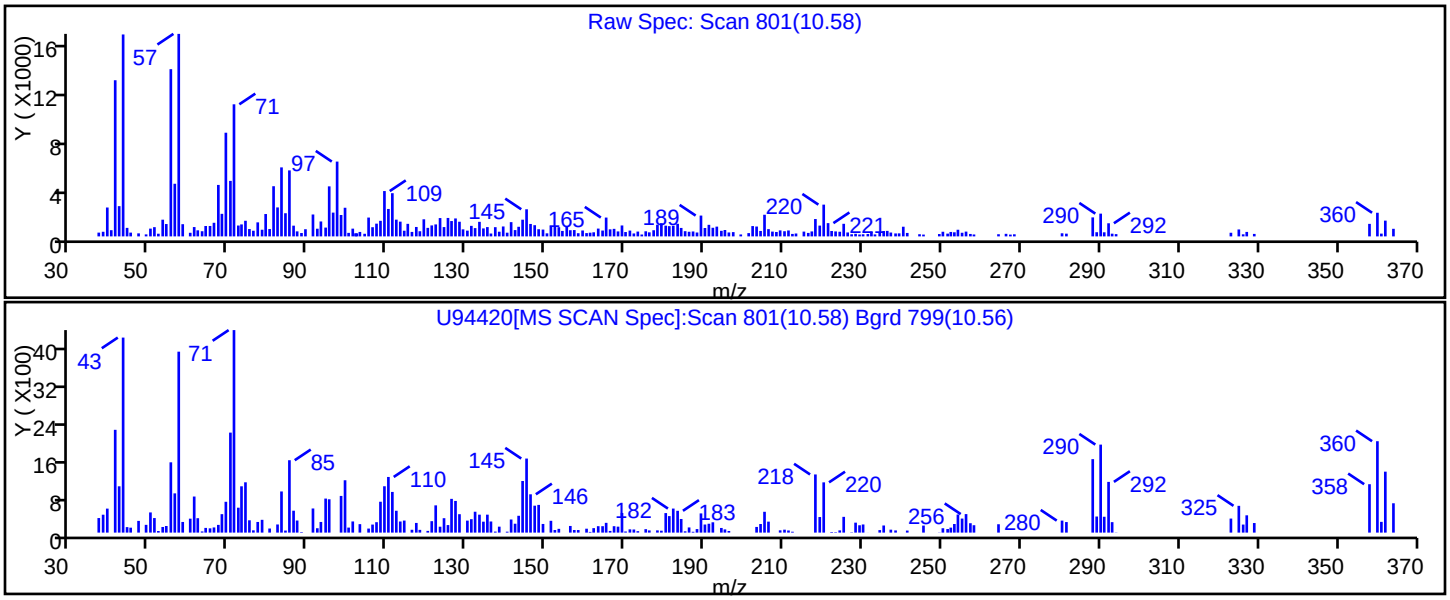




Report Date: 14-Mar-2014 16:51:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94420.D				
Injection Date:	11-Mar-2014 11:01:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-17-A	Lab Sample ID:	460-72174-17		
Client ID:	PMP-2SW-WT				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-SI | Lab Sample ID: 460-72174-18

Matrix: Solid | Lab File ID: U94421.D

Analysis Method: 8270C | Date Collected: 03/06/2014 11:55

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.01(g) | Date Analyzed: 03/11/2014 11:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	51	U	380	51
95-57-8	2-Chlorophenol	50	U	380	50
95-48-7	2-Methylphenol	65	U	380	65
106-44-5	4-Methylphenol	75	U	380	75
100-52-7	Benzaldehyde	45	U	380	45
98-86-2	Acetophenone	58	U	380	58
111-44-4	Bis(2-chloroethyl)ether	5.2	U	38	5.2
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	380	42
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	38	6.3
98-95-3	Nitrobenzene	5.4	U *	38	5.4
67-72-1	Hexachloroethane	4.2	U	38	4.2
78-59-1	Isophorone	46	U	380	46
88-75-5	2-Nitrophenol	42	U	380	42
105-67-9	2,4-Dimethylphenol	93	U	380	93
120-83-2	2,4-Dichlorophenol	55	U	380	55
111-91-1	Bis(2-chloroethoxy)methane	49	U	380	49
91-20-3	Naphthalene	44	U	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.2	U	77	9.2
105-60-2	Caprolactam	87	U	380	87
59-50-7	4-Chloro-3-methylphenol	57	U	380	57
91-57-6	2-Methylnaphthalene	49	U	380	49
118-74-1	Hexachlorobenzene	5.2	U	38	5.2
77-47-4	Hexachlorocyclopentadiene	45	U	380	45
88-06-2	2,4,6-Trichlorophenol	44	U	380	44
95-95-4	2,4,5-Trichlorophenol	49	U	380	49
92-52-4	Diphenyl	51	U	380	51
91-58-7	2-Chloronaphthalene	42	U	380	42
88-74-4	2-Nitroaniline	160	U	770	160
606-20-2	2,6-Dinitrotoluene	11	U	77	11
131-11-3	Dimethyl phthalate	45	U	380	45
208-96-8	Acenaphthylene	45	U	380	45
99-09-2	3-Nitroaniline	130	U	770	130
83-32-9	Acenaphthene	55	U	380	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-SI | Lab Sample ID: 460-72174-18

Matrix: Solid | Lab File ID: U94421.D

Analysis Method: 8270C | Date Collected: 03/06/2014 11:55

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.01(g) | Date Analyzed: 03/11/2014 11:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	220	U	1100	220
132-64-9	Dibenzofuran	44	U	380	44
84-66-2	Diethyl phthalate	45	U	380	45
86-73-7	Fluorene	48	U	380	48
206-44-0	Fluoranthene	51	U	380	51
84-74-2	Di-n-butyl phthalate	47	U	380	47
121-14-2	2,4-Dinitrotoluene	12	U	77	12
7005-72-3	4-Chlorophenyl phenyl ether	44	U	380	44
100-01-6	4-Nitroaniline	120	U	770	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	38	U	380	38
1912-24-9	Atrazine	59	U	380	59
120-12-7	Anthracene	46	U	380	46
86-74-8	Carbazole	45	U	380	45
85-01-8	Phenanthrene	48	U	380	48
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	32	U	380	32
218-01-9	Chrysene	44	U	380	44
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.6	U	38	2.6
86-30-6	N-Nitrosodiphenylamine	37	U	380	37
85-68-7	Butyl benzyl phthalate	35	U	380	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	24	U	380	24
193-39-5	Indeno[1,2,3-cd]pyrene	7.0	U	38	7.0
53-70-3	Dibenz(a,h)anthracene	4.8	U	38	4.8
91-94-1	3,3'-Dichlorobenzidine	130	U	770	130
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	380	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-SI Lab Sample ID: 460-72174-18

Matrix: Solid Lab File ID: U94421.D

Analysis Method: 8270C Date Collected: 03/06/2014 11:55

Extract. Method: 3541 Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.01(g) Date Analyzed: 03/11/2014 11:24

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 12.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	53		40-106
4165-62-2	Phenol-d5	71		44-104
1718-51-0	Terphenyl-d14	108		41-145
118-79-6	2,4,6-Tribromophenol	101		19-114
367-12-4	2-Fluorophenol	56		39-103
321-60-8	2-Fluorobiphenyl	66		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-SI Lab Sample ID: 460-72174-18

Matrix: Solid Lab File ID: U94421.D

Analysis Method: 8270C Date Collected: 03/06/2014 11:55

Extract. Method: 3541 Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.01(g) Date Analyzed: 03/11/2014 11:24

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 12.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Report Date: 13-Mar-2014 10:28:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94421.D
Lims ID: 460-72174-E-18-A Lab Sample ID: 460-72174-18
Client ID: PMP-2SW-SI
Sample Type: Client
Inject. Date: 11-Mar-2014 11:24:30 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-018
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 10:15:53 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 13-Mar-2014 10:28:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.140	3.127	0.013	86	140257	27.9	
$ 6 Phenol-d5	99	4.049	4.071	-0.022	70	216870	35.7	
* 13 1,4-Dichlorobenzene-d4	152	4.421	4.430	-0.009	99	115079	40.0	
$ 25 Nitrobenzene-d5	82	4.968	4.990	-0.022	93	164417	26.4	
* 35 Naphthalene-d8	136	5.690	5.701	-0.011	100	506012	40.0	
$ 48 2-Fluorobiphenyl	172	6.776	6.785	-0.009	98	291962	33.0	
* 61 Acenaphthene-d10	164	7.441	7.451	-0.010	92	259209	40.0	
$ 76 2,4,6-Tribromophenol	330	8.221	8.230	-0.009	94	50256	50.4	
* 83 Phenanthrene-d10	188	8.906	8.917	-0.011	98	424941	40.0	
$ 91 Terphenyl-d14	244	10.474	10.483	-0.009	96	273384	53.9	
* 96 Chrysene-d12	240	11.672	11.690	-0.018	96	218388	40.0	
* 103 Perylene-d12	264	13.595	13.619	-0.024	97	198268	40.0	

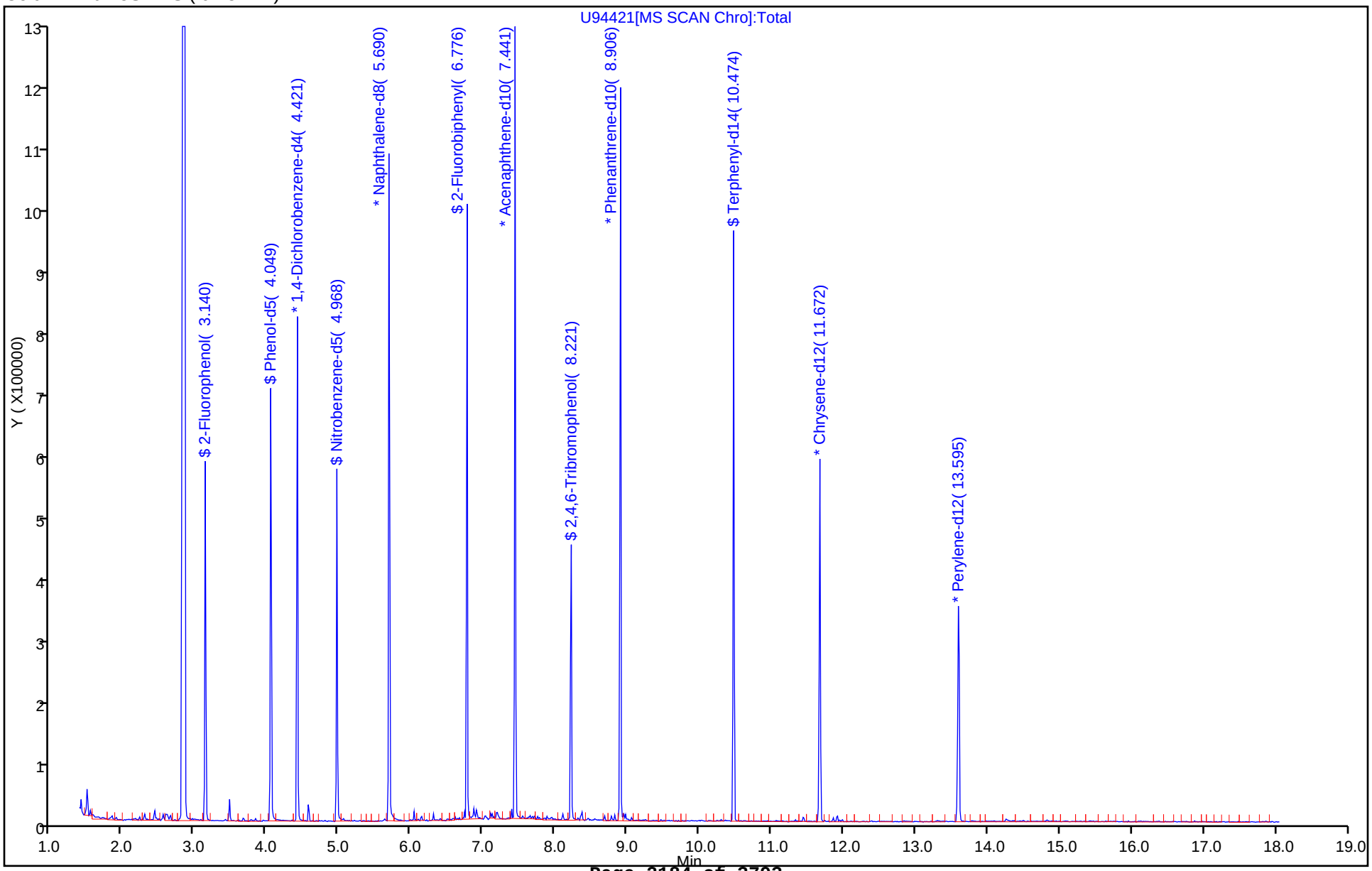
Report Date: 13-Mar-2014 10:28:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94421.D

Injection Date:	11-Mar-2014 11:24:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-72174-E-18-A	Lab Sample ID:	460-72174-18	Worklist Smp#:	18
Client ID:	PMP-2SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8270_4R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-VS | Lab Sample ID: 460-72174-19

Matrix: Solid | Lab File ID: U94456.D

Analysis Method: 8270C | Date Collected: 03/06/2014 12:25

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.03(g) | Date Analyzed: 03/12/2014 02:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211922 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	60	U	350	60
106-44-5	4-Methylphenol	70	U	350	70
100-52-7	Benzaldehyde	42	U	350	42
98-86-2	Acetophenone	54	U	350	54
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.9	U	35	5.9
98-95-3	Nitrobenzene	5.0	U *	35	5.0
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	43	U	350	43
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	87	U	350	87
120-83-2	2,4-Dichlorophenol	52	U	350	52
111-91-1	Bis(2-chloroethoxy)methane	46	U	350	46
91-20-3	Naphthalene	41	U	350	41
106-47-8	4-Chloroaniline	94	U	350	94
87-68-3	Hexachlorobutadiene	8.6	U	72	8.6
105-60-2	Caprolactam	81	U	350	81
59-50-7	4-Chloro-3-methylphenol	53	U	350	53
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	42	U	350	42
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	46	U	350	46
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	150	U	720	150
606-20-2	2,6-Dinitrotoluene	11	U	72	11
131-11-3	Dimethyl phthalate	42	U	350	42
208-96-8	Acenaphthylene	42	U	350	42
99-09-2	3-Nitroaniline	120	U	720	120
83-32-9	Acenaphthene	51	U	350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-VS | Lab Sample ID: 460-72174-19

Matrix: Solid | Lab File ID: U94456.D

Analysis Method: 8270C | Date Collected: 03/06/2014 12:25

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.03(g) | Date Analyzed: 03/12/2014 02:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211922 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	42	U	350	42
86-73-7	Fluorene	45	U	350	45
206-44-0	Fluoranthene	47	U	350	47
84-74-2	Di-n-butyl phthalate	44	U	350	44
121-14-2	2,4-Dinitrotoluene	12	U	72	12
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	720	110
534-52-1	4,6-Dinitro-2-methylphenol	96	U	1100	96
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	55	U	350	55
120-12-7	Anthracene	43	U	350	43
86-74-8	Carbazole	42	U	350	42
85-01-8	Phenanthrene	45	U	350	45
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	30	U	350	30
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.7	U	35	2.7
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.5	U	35	2.5
86-30-6	N-Nitrosodiphenylamine	35	U	350	35
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	23	U	350	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.6	U	35	6.6
53-70-3	Dibenz(a,h)anthracene	4.5	U	35	4.5
91-94-1	3,3'-Dichlorobenzidine	120	U	720	120
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U	350	48
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	350	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-VS Lab Sample ID: 460-72174-19

Matrix: Solid Lab File ID: U94456.D

Analysis Method: 8270C Date Collected: 03/06/2014 12:25

Extract. Method: 3541 Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.03(g) Date Analyzed: 03/12/2014 02:24

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211922 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	46		40-106
4165-62-2	Phenol-d5	69		44-104
1718-51-0	Terphenyl-d14	94		41-145
118-79-6	2,4,6-Tribromophenol	70		19-114
367-12-4	2-Fluorophenol	57		39-103
321-60-8	2-Fluorobiphenyl	65		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-VS | Lab Sample ID: 460-72174-19

Matrix: Solid | Lab File ID: U94456.D

Analysis Method: 8270C | Date Collected: 03/06/2014 12:25

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.03(g) | Date Analyzed: 03/12/2014 02:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211922 | Units: ug/Kg

Number TICs Found: 18 | TIC Result Total: 16540

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown alkane	6.85	370	J
	Unknown alkane	7.18	400	J
	Unknown alkane	7.88	350	J
13029-08-8	1,1'-Biphenyl, 2,2'-dichloro-	8.07	690	J N
	Unknown alkane	8.33	690	J
16605-91-7	1,1'-Biphenyl, 2,3-dichloro-	8.40	320	J N
2050-68-2	1,1'-Biphenyl, 4,4'-dichloro-	8.46	1300	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.82	2300	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.98	930	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	9.15	600	J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	9.23	2200	J N
35693-92-6	1,1'-Biphenyl, 2,4,6-trichloro-	9.31	1000	J N
38444-85-8	1,1'-Biphenyl, 2,3,4'-Trichloro-	9.40	630	J N
52663-59-9	1,1'-Biphenyl, 2,2',3,4-tetrachloro-	9.50	1400	J N
35693-92-6	1,1'-Biphenyl, 2,4,6-trichloro-	9.66	950	J N
33284-52-5	1,1'-Biphenyl, 3,3',5,5'-tetrachloro-	9.77	490	J N
41464-49-7	1,1'-Biphenyl, 2,3,3',5'-tetrachloro-	9.99	1300	J N
41464-40-8	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	10.14	620	J N

Report Date: 13-Mar-2014 09:17:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94456.D
Lims ID: 460-72174-E-19-A Lab Sample ID: 460-72174-19
Client ID: PMP-24SW-VS
Sample Type: Client
Inject. Date: 12-Mar-2014 02:24:30 ALS Bottle#: 29 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010721-029
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 09:17:06 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: ranav Date: 12-Mar-2014 10:53:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.136	3.108	0.028	89	137186	28.3	
$ 6 Phenol-d5	99	4.039	4.055	-0.016	69	202742	34.6	
* 13 1,4-Dichlorobenzene-d4	152	4.401	4.401	0.0	94	110739	40.0	
$ 25 Nitrobenzene-d5	82	4.961	4.974	-0.013	91	145482	22.9	
* 35 Naphthalene-d8	136	5.685	5.689	-0.004	100	515542	40.0	
$ 48 2-Fluorobiphenyl	172	6.758	6.776	-0.018	98	244423	32.7	
* 61 Acenaphthene-d10	164	7.431	7.432	-0.001	93	219047	40.0	
$ 76 2,4,6-Tribromophenol	330	8.202	8.213	-0.011	93	29302	34.8	
* 83 Phenanthrene-d10	188	8.887	8.889	-0.002	99	315669	40.0	
$ 91 Terphenyl-d14	244	10.453	10.461	-0.008	98	157687	46.8	
* 96 Chrysene-d12	240	11.638	11.649	-0.011	95	145098	40.0	
* 103 Perylene-d12	264	13.563	13.580	-0.017	97	155726	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94456.D
Lims ID: 460-72174-E-19-A Lab Sample ID: 460-72174-19
Client ID: PMP-24SW-VS
Sample Type: Client
Inject. Date: 12-Mar-2014 02:24:30 ALS Bottle#: 29 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010721-029
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 09:17:06 Calib Date: 27-Feb-2014 14:00:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: ranav Date: 12-Mar-2014 10:53:47

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown alkane						
6.851	144457	5.20	61	0	0		0	
		Unknown alkane						
7.176	156475	5.64	61	0	0		0	
		Unknown alkane						
7.875	134698	4.85	61	0	0		0	
	13029-08-8	1,1'-Biphenyl, 2,2'-dichloro-						
8.074	269524	9.71	61	99	70596	C12H8Cl2	222	
		Unknown alkane						
8.331	260305	9.75	83	0	0		0	
	16605-91-7	1,1'-Biphenyl, 2,3-dichloro-						
8.401	119134	4.46	83	98	70592	C12H8Cl2	222	
	2050-68-2	1,1'-Biphenyl, 4,4'-dichloro-						
8.459	471317	17.6	83	99	70598	C12H8Cl2	222	
	16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-						
8.820	859025	32.2	83	99	91788	C12H7Cl3	256	
	16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-						
8.981	348285	13.0	83	99	91788	C12H7Cl3	256	
	16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-						
9.146	223409	8.36	83	99	91788	C12H7Cl3	256	
	38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-						
9.227	837888	31.4	83	98	91793	C12H7Cl3	256	
	35693-92-6	1,1'-Biphenyl, 2,4,6-trichloro-						
9.308	374934	14.0	83	99	91785	C12H7Cl3	256	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
38444-85-8 1,1'-Biphenyl, 2,3,4'-Trichloro-								
9.402	234821	8.79	83	98	91787	C12H7Cl3	256	
52663-59-9 1,1'-Biphenyl, 2,2',3,4-tetrachloro-								
9.495	511954	19.2	83	99	111710	C12H6Cl4	290	
35693-92-6 1,1'-Biphenyl, 2,4,6-trichloro-								
9.660	356513	13.3	83	98	91785	C12H7Cl3	256	
33284-52-5 1,1'-Biphenyl, 3,3',5,5'-tetrachloro-								
9.766	185239	6.94	83	99	111733	C12H6Cl4	290	
41464-49-7 1,1'-Biphenyl, 2,3,3',5'-tetrachloro-								
9.988	484445	18.1	83	99	111726	C12H6Cl4	290	
41464-40-8 1,1'-Biphenyl, 2,2',4,5'-tetrachloro-								
10.138	233380	8.74	83	98	111721	C12H6Cl4	290	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.419	1110588	40.0
* 83 Phenanthrene-d10	8.887	1068378	40.0

QC Flag Legend

Processing Flags

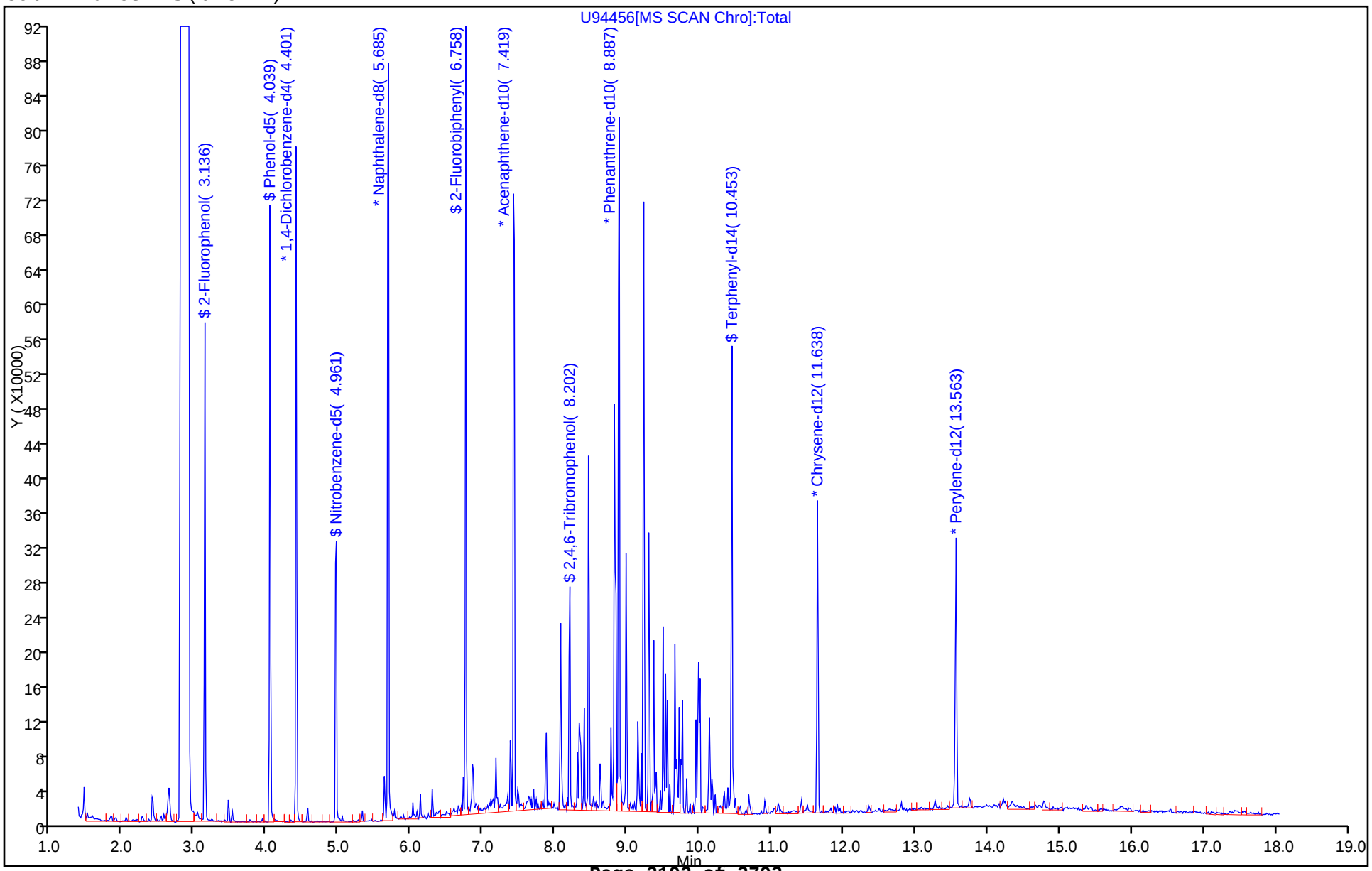
Report Date: 13-Mar-2014 09:17:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94456.D

Injection Date:	12-Mar-2014 02:24:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-72174-E-19-A	Lab Sample ID:	460-72174-19	Worklist Smp#:	29
Client ID:	PMP-24SW-VS				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	8270_4R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 13-Mar-2014 09:17:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94456.D

Injection Date: 12-Mar-2014 02:24:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-19-A Lab Sample ID: 460-72174-19

Client ID: PMP-24SW-VS

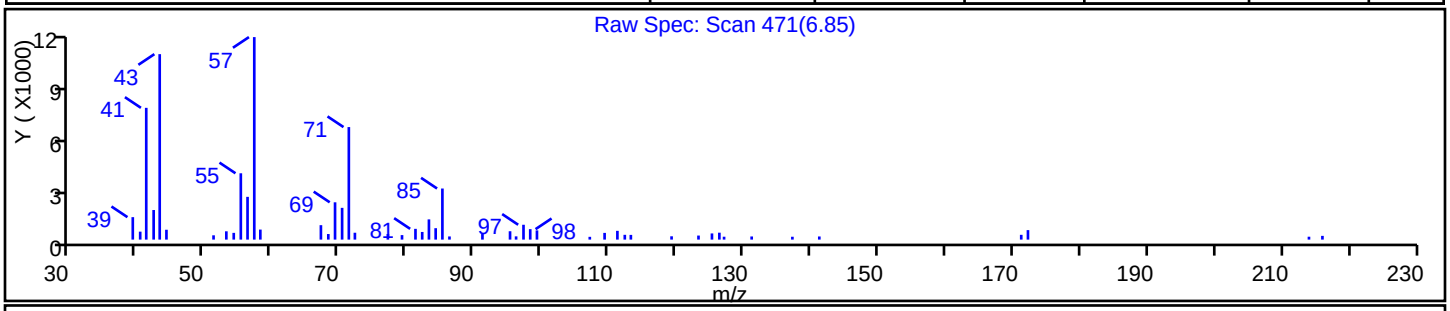
Operator ID: ALS Bottle#: 29 Worklist Smp#: 29

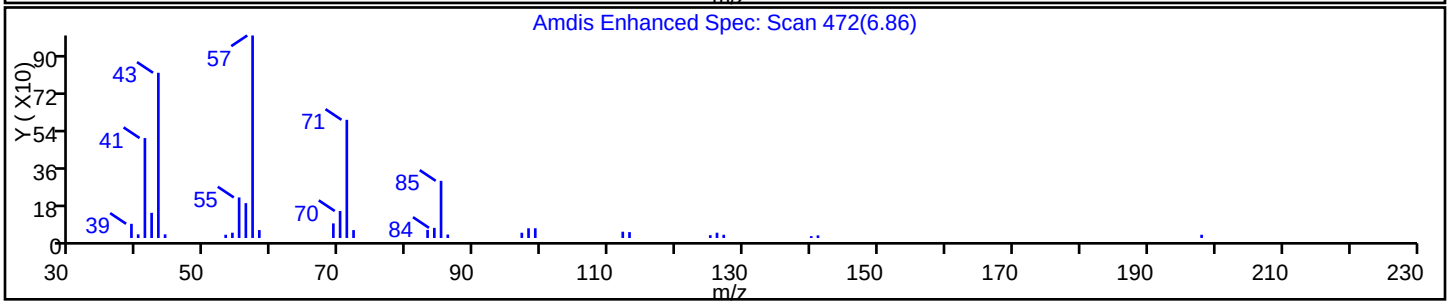
Injection Vol: 1.0 ul Dil. Factor: 1.0000

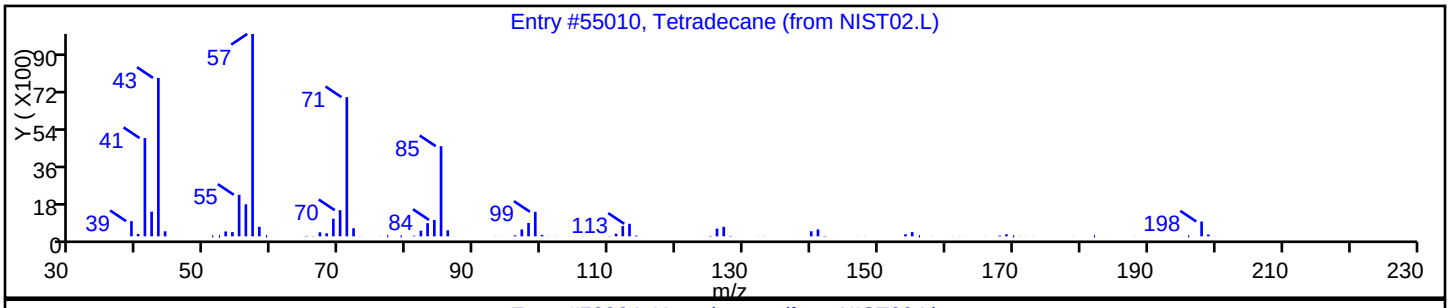
Method: 8270_4R Limit Group: SV 8270 ICAL

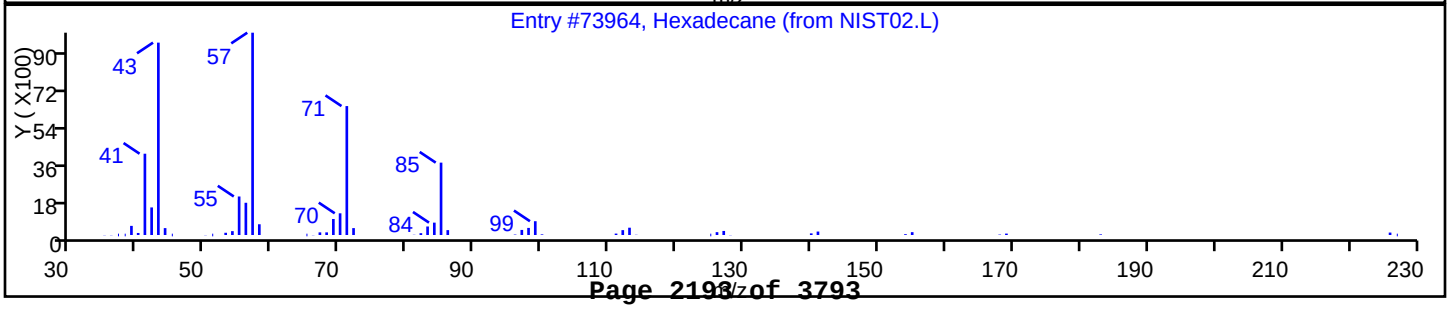
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Tetradecane	629-59-4	NIST02.L	55010	C14H30	198	95
Hexadecane	544-76-3	NIST02.L	73964	C16H34	226	90









Report Date: 13-Mar-2014 09:17:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94456.D

Injection Date: 12-Mar-2014 02:24:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-19-A Lab Sample ID: 460-72174-19

Client ID: PMP-24SW-VS

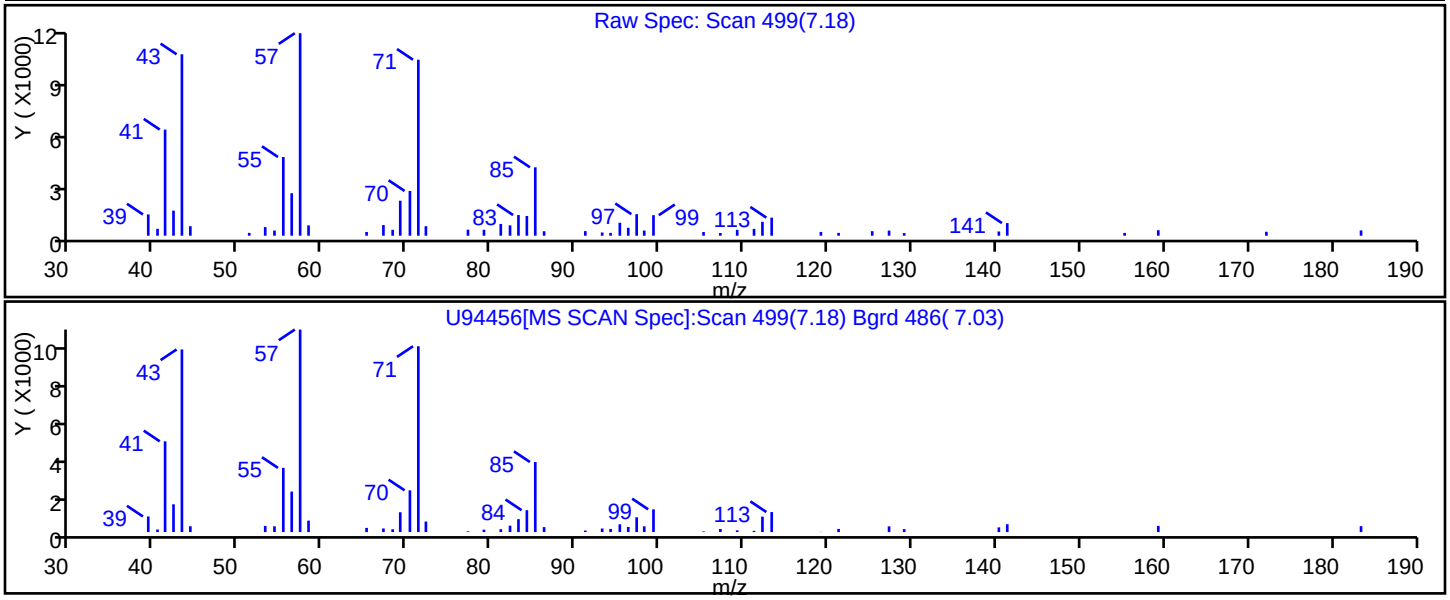
Operator ID: ALS Bottle#: 29 Worklist Smp#: 29

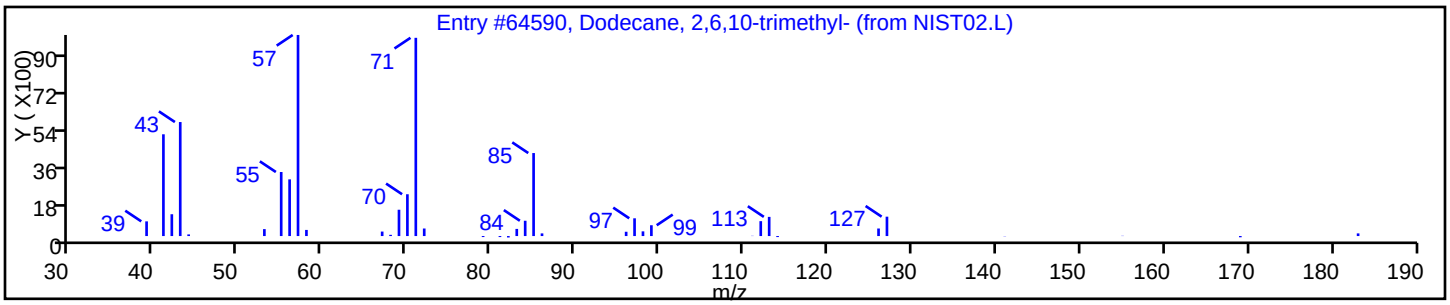
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	C15H32	212	91





Report Date: 13-Mar-2014 09:17:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94456.D

Injection Date: 12-Mar-2014 02:24:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-19-A Lab Sample ID: 460-72174-19

Client ID: PMP-24SW-VS

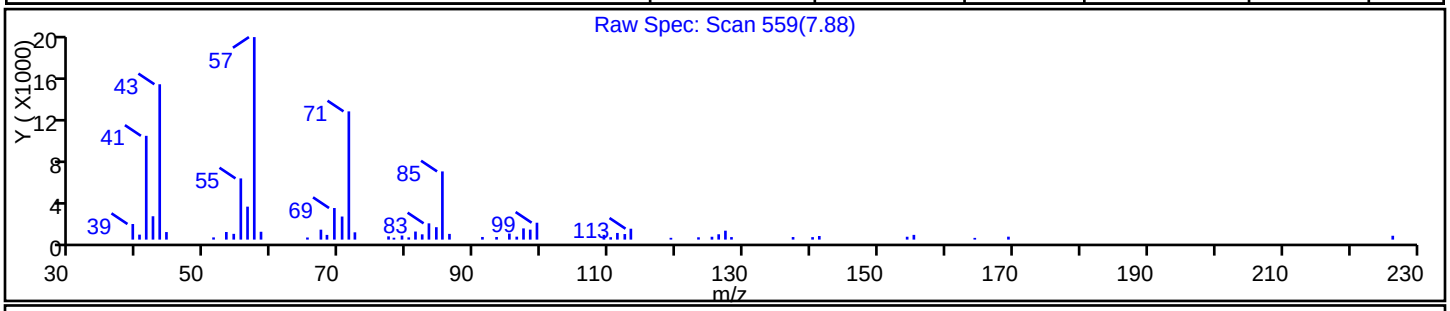
Operator ID: ALS Bottle#: 29 Worklist Smp#: 29

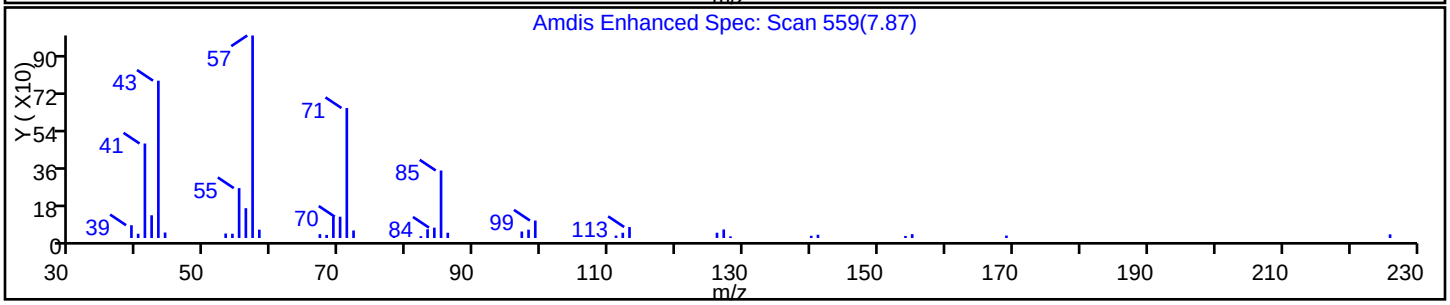
Injection Vol: 1.0 ul Dil. Factor: 1.0000

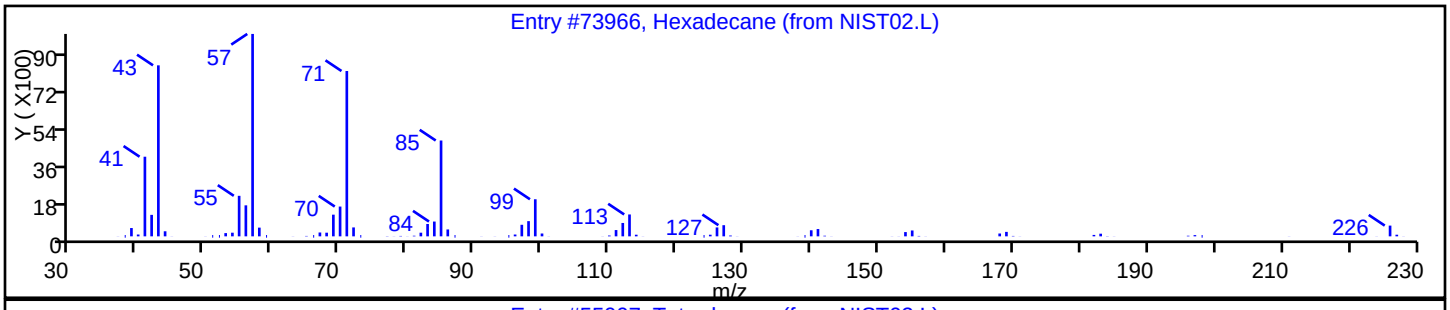
Method: 8270_4R Limit Group: SV 8270 ICAL

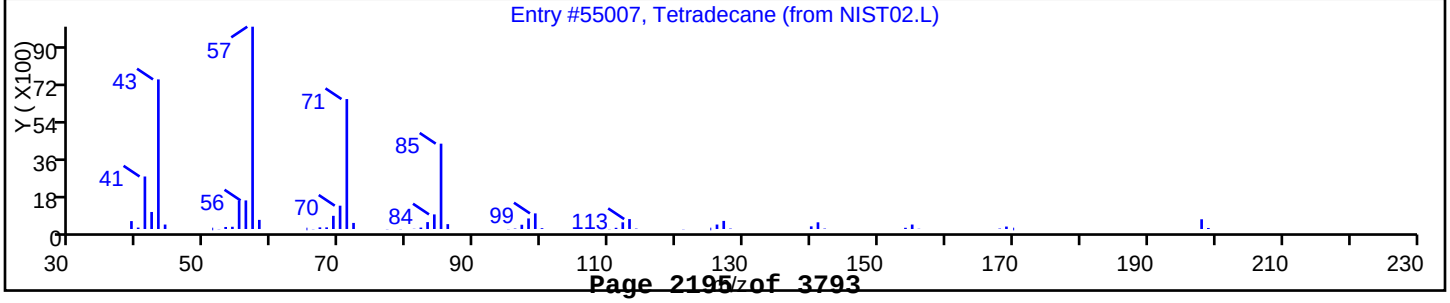
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane	544-76-3	NIST02.L	73966	C16H34	226	97
Tetradecane	629-59-4	NIST02.L	55007	C14H30	198	90









Report Date: 13-Mar-2014 09:17:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94456.D

Injection Date: 12-Mar-2014 02:24:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-19-A Lab Sample ID: 460-72174-19

Client ID: PMP-24SW-VS

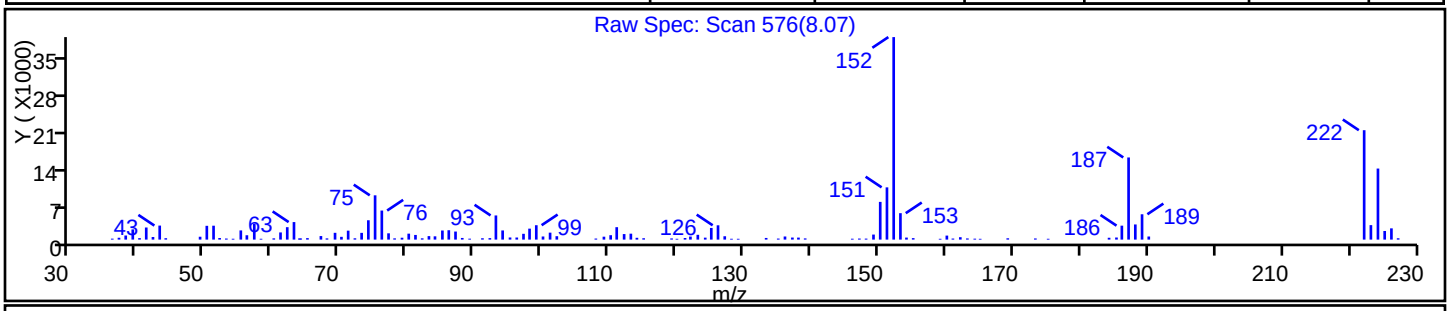
Operator ID: ALS Bottle#: 29 Worklist Smp#: 29

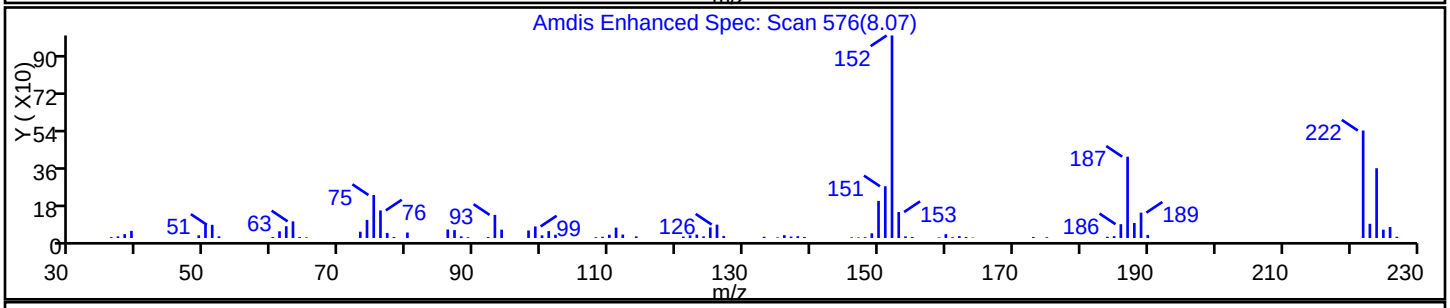
Injection Vol: 1.0 ul Dil. Factor: 1.0000

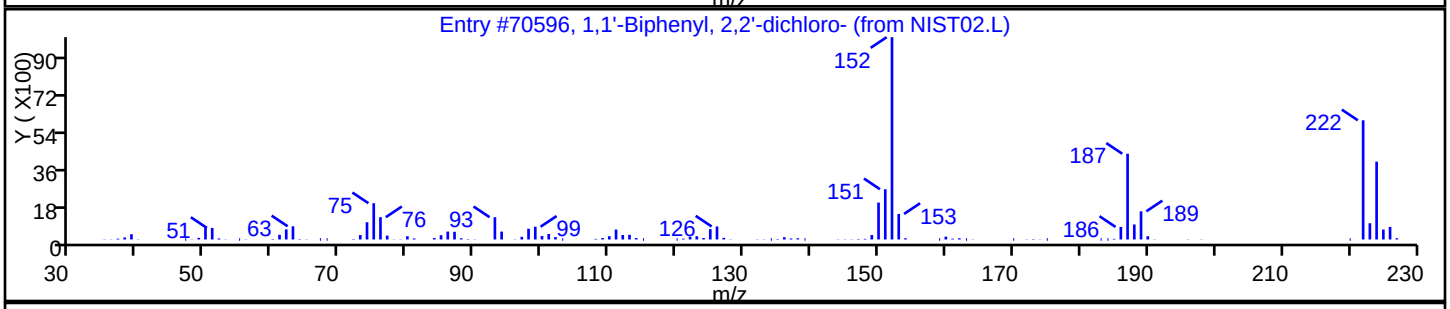
Method: 8270_4R Limit Group: SV 8270 ICAL

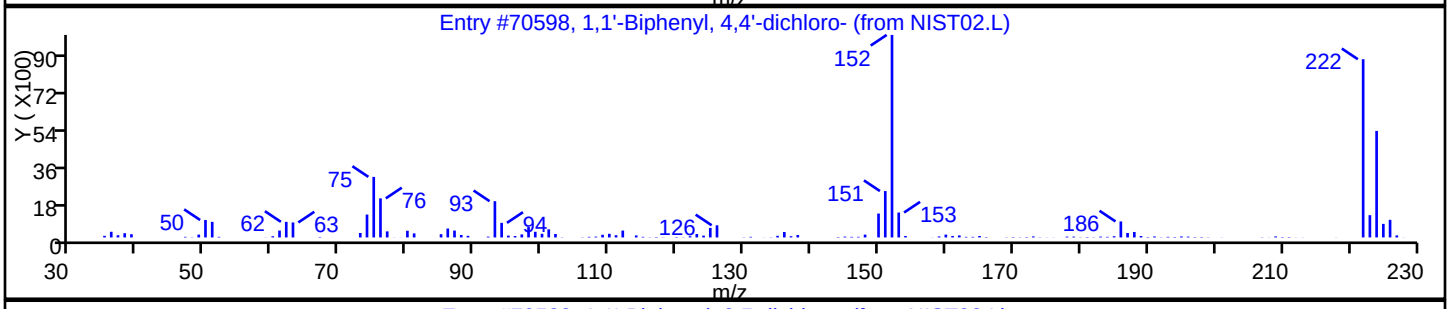
Column: Detector MS SCAN

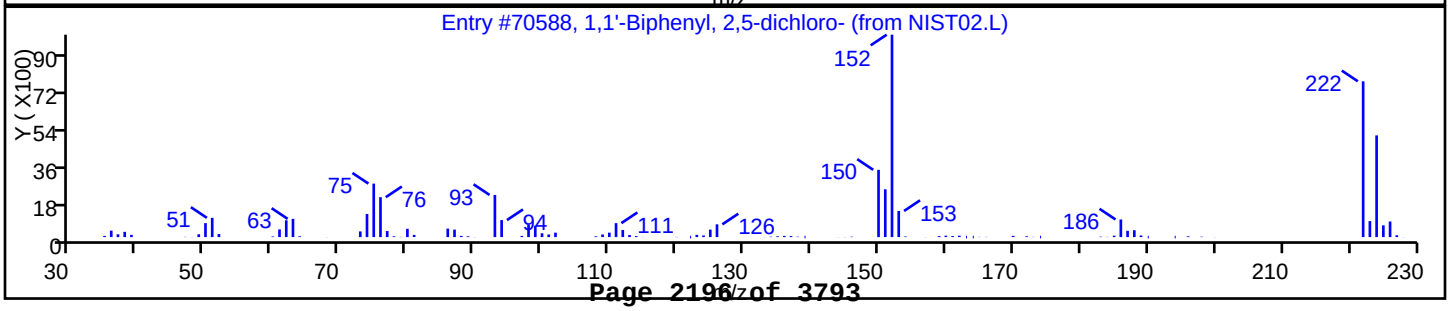
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.L	70596	C12H8Cl2	222	99
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.L	70598	C12H8Cl2	222	96
1,1'-Biphenyl, 2,5-dichloro-	34883-39-1	NIST02.L	70588	C12H8Cl2	222	90











Report Date: 13-Mar-2014 09:17:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94456.D

Injection Date: 12-Mar-2014 02:24:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-19-A Lab Sample ID: 460-72174-19

Client ID: PMP-24SW-VS

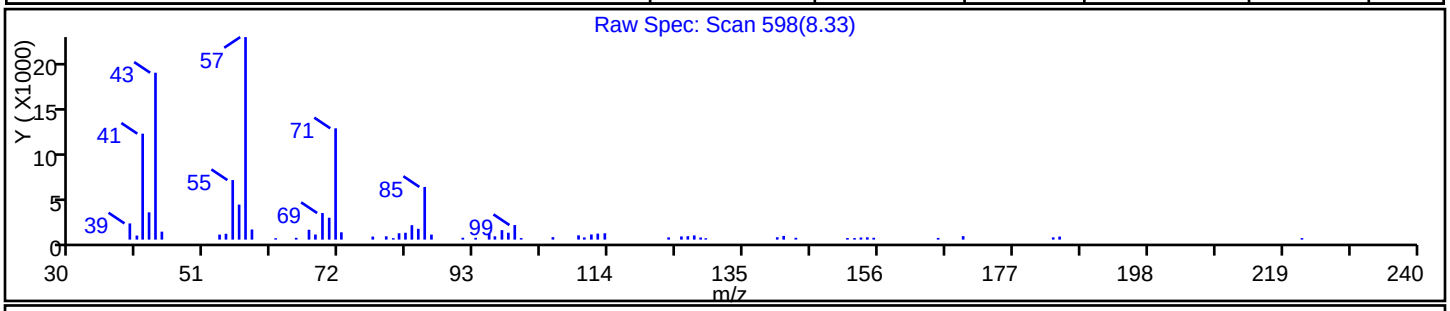
Operator ID: ALS Bottle#: 29 Worklist Smp#: 29

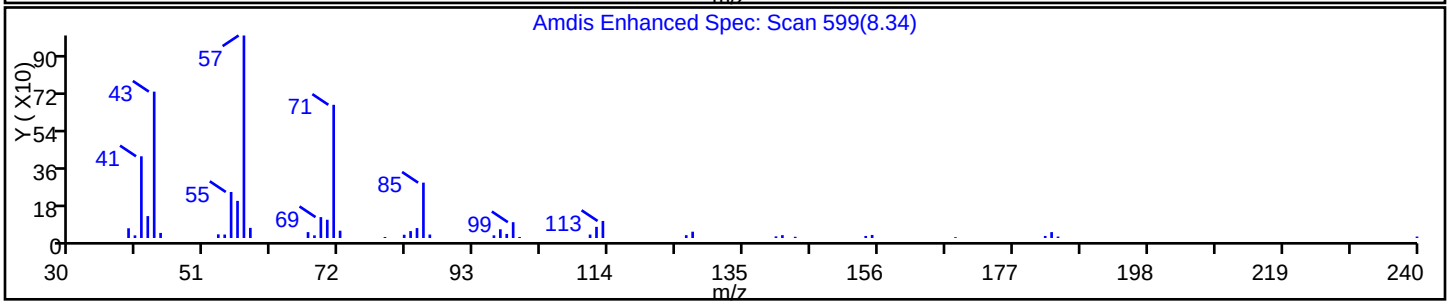
Injection Vol: 1.0 ul Dil. Factor: 1.0000

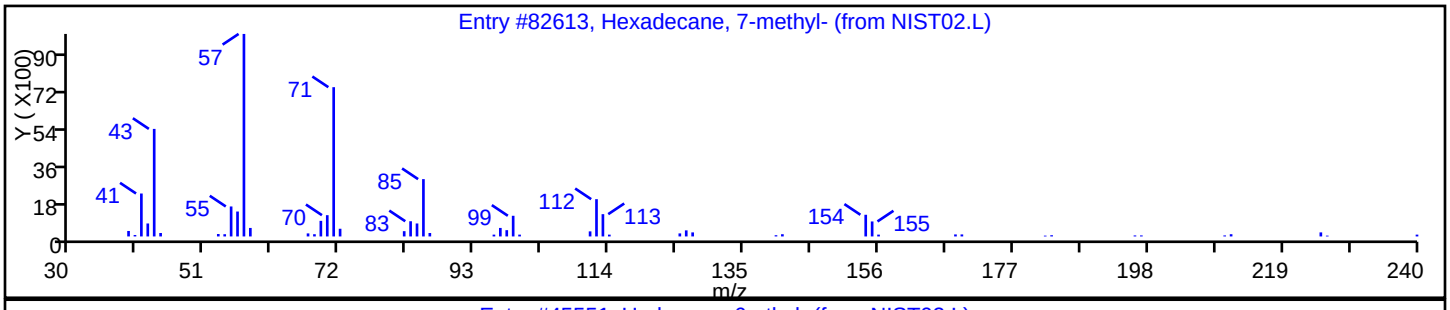
Method: 8270_4R Limit Group: SV 8270 ICAL

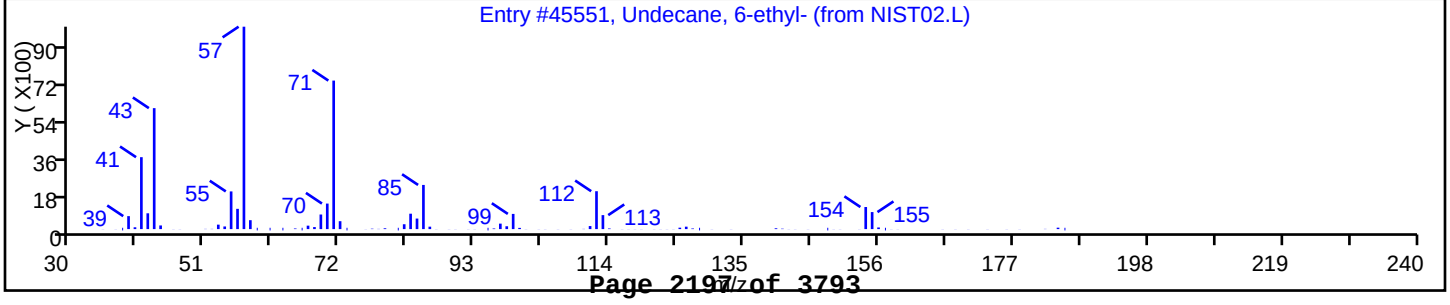
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane, 7-methyl-	26730-20-1	NIST02.L	82613	C17H36	240	94
Undecane, 6-ethyl-	17312-60-6	NIST02.L	45551	C13H28	184	91









Report Date: 13-Mar-2014 09:17:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94456.D

Injection Date: 12-Mar-2014 02:24:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-19-A Lab Sample ID: 460-72174-19

Client ID: PMP-24SW-VS

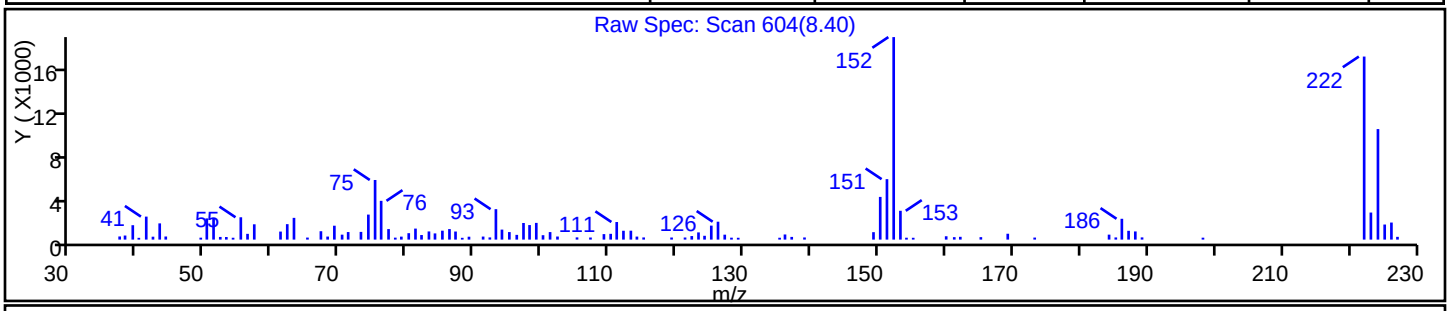
Operator ID: ALS Bottle#: 29 Worklist Smp#: 29

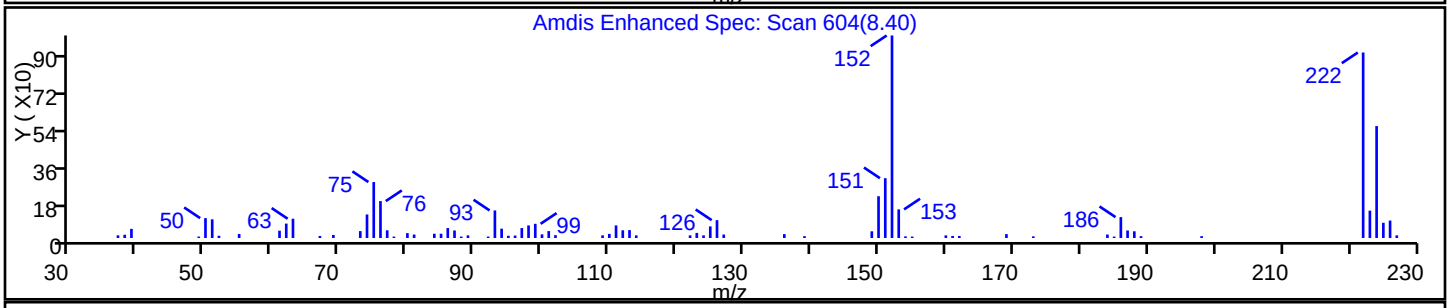
Injection Vol: 1.0 ul Dil. Factor: 1.0000

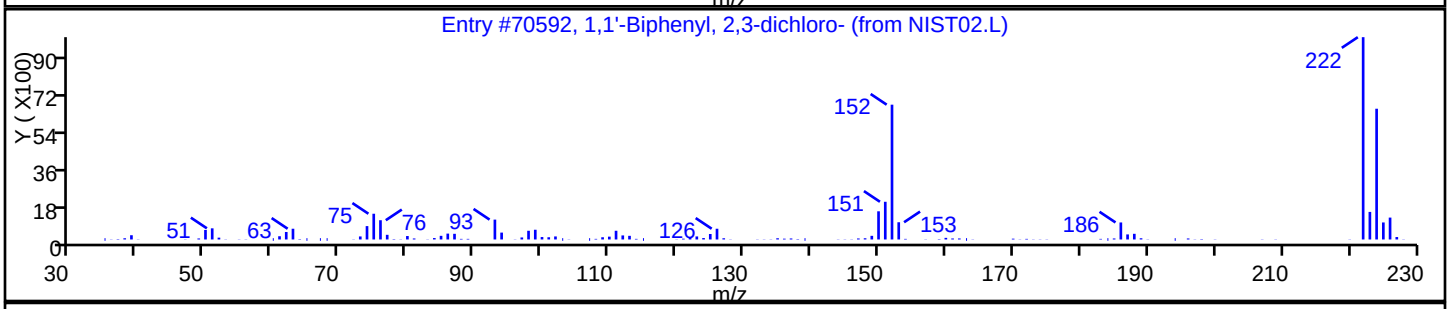
Method: 8270_4R Limit Group: SV 8270 ICAL

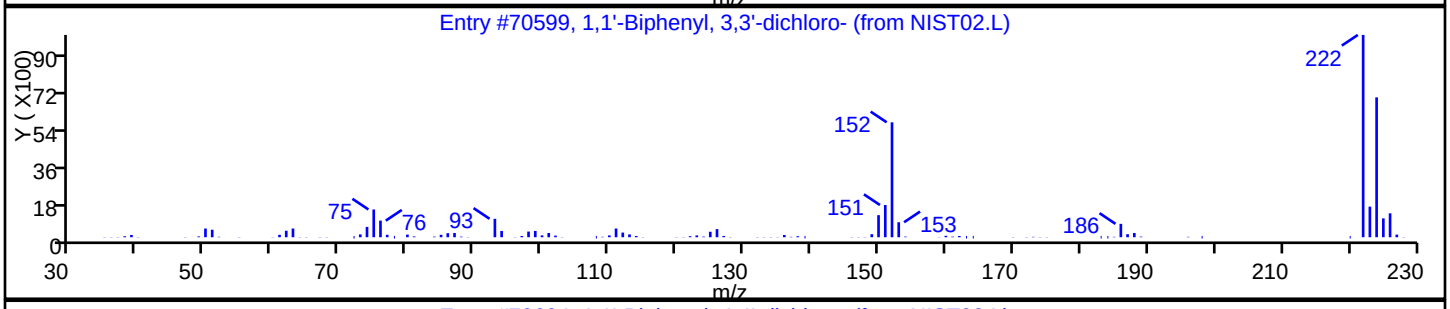
Column: Detector MS SCAN

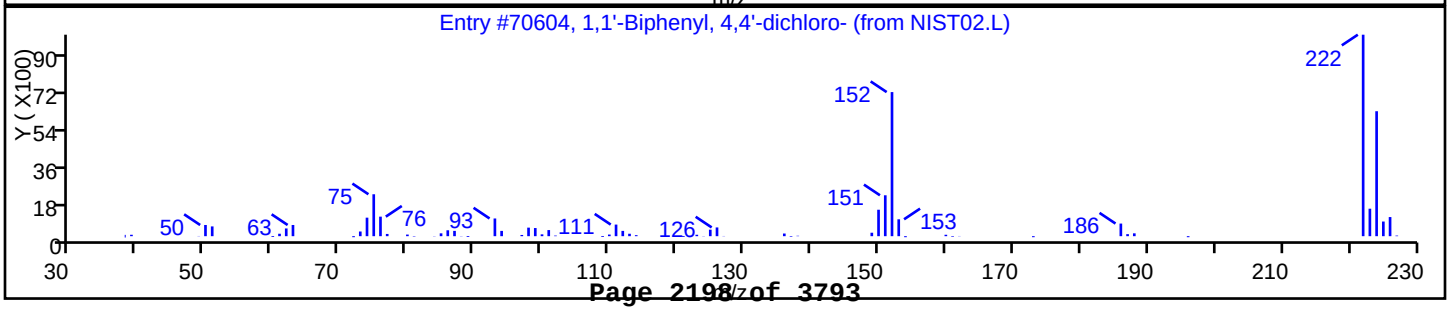
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.L	70592	C12H8Cl2	222	98
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.L	70599	C12H8Cl2	222	98
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.L	70604	C12H8Cl2	222	97











Report Date: 13-Mar-2014 09:17:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94456.D

Injection Date: 12-Mar-2014 02:24:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-19-A Lab Sample ID: 460-72174-19

Client ID: PMP-24SW-VS

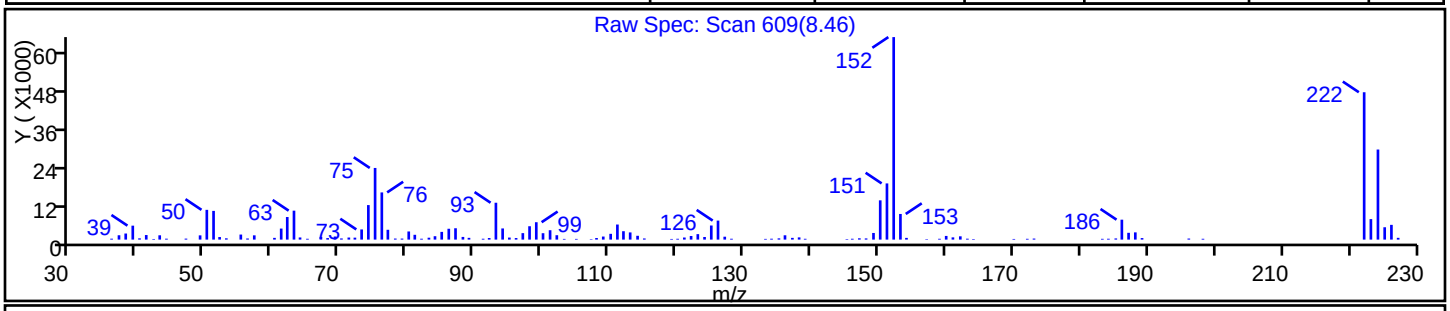
Operator ID: ALS Bottle#: 29 Worklist Smp#: 29

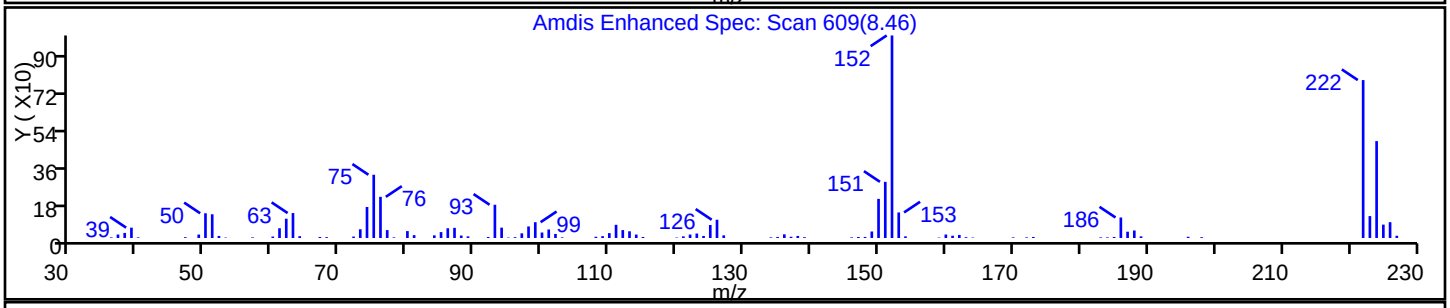
Injection Vol: 1.0 ul Dil. Factor: 1.0000

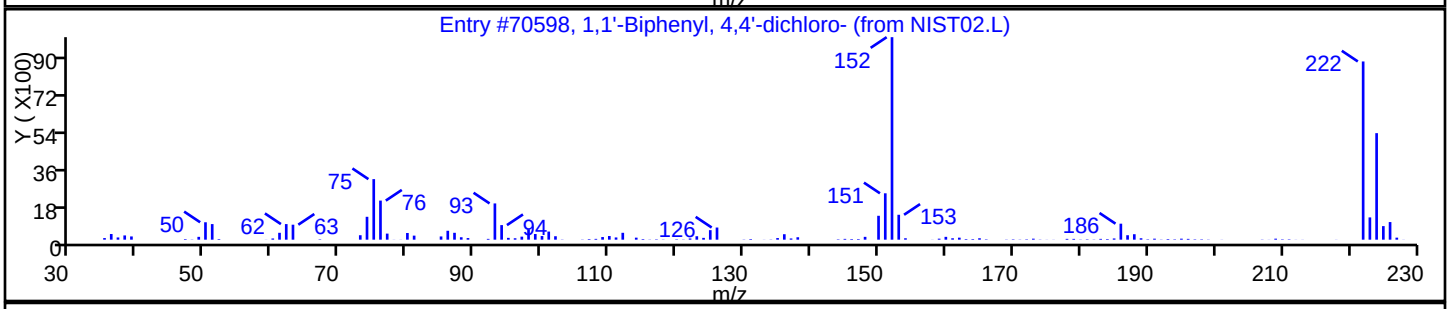
Method: 8270_4R Limit Group: SV 8270 ICAL

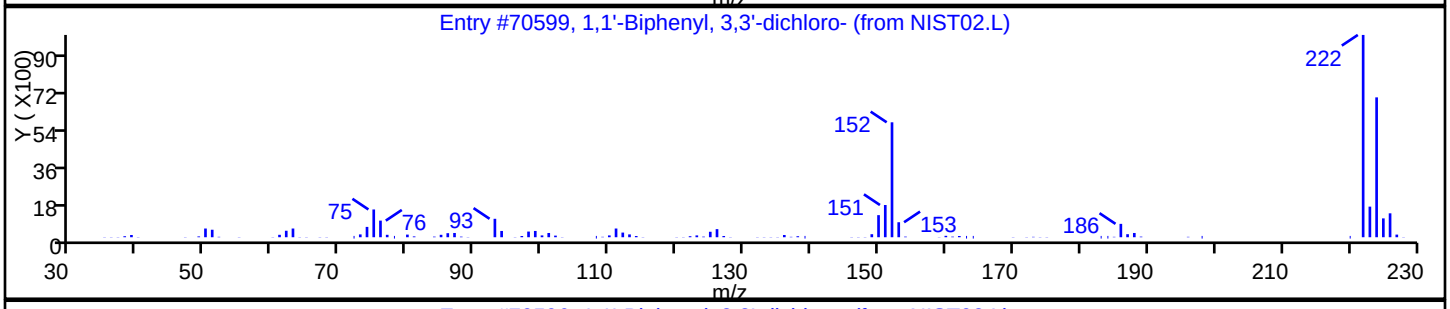
Column: Detector MS SCAN

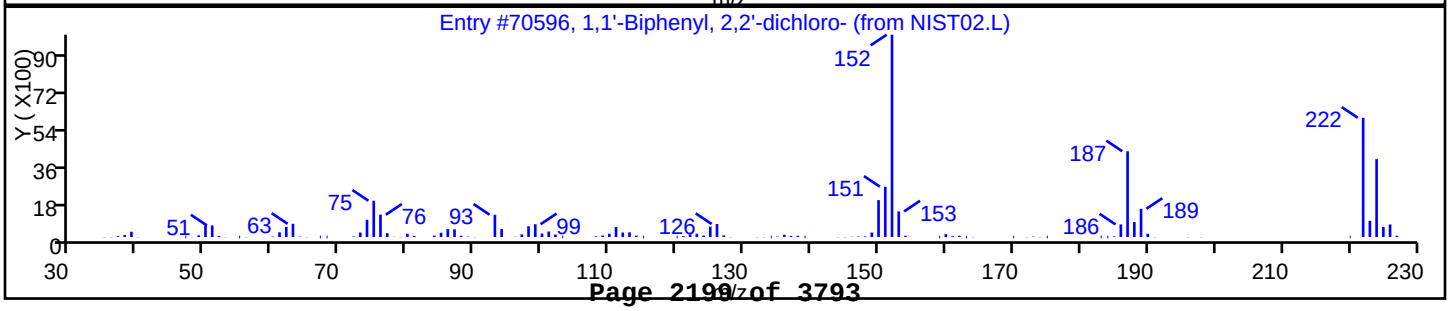
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.L	70598	C12H8Cl2	222	99
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.L	70599	C12H8Cl2	222	98
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.L	70596	C12H8Cl2	222	94











Report Date: 13-Mar-2014 09:17:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94456.D

Injection Date: 12-Mar-2014 02:24:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-19-A Lab Sample ID: 460-72174-19

Client ID: PMP-24SW-VS

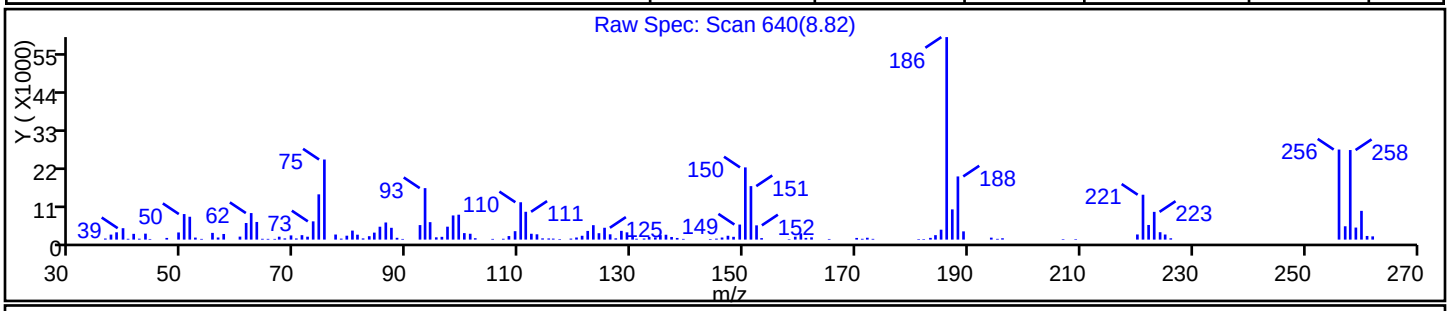
Operator ID: ALS Bottle#: 29 Worklist Smp#: 29

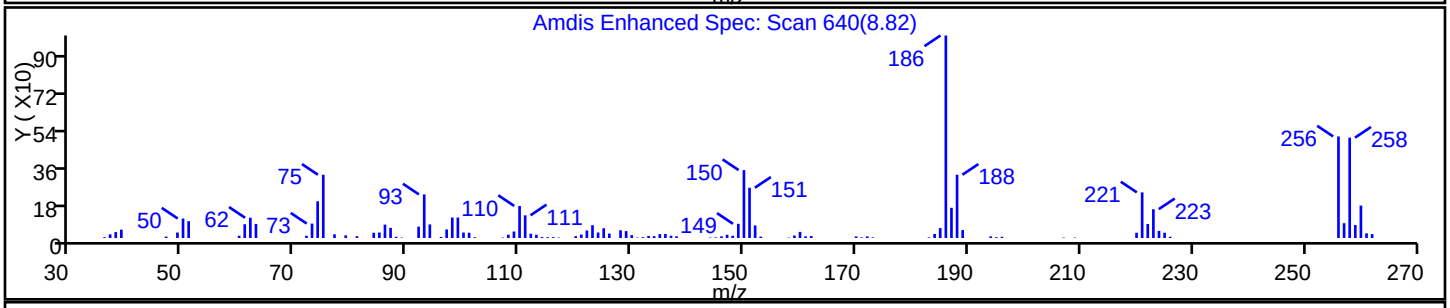
Injection Vol: 1.0 ul Dil. Factor: 1.0000

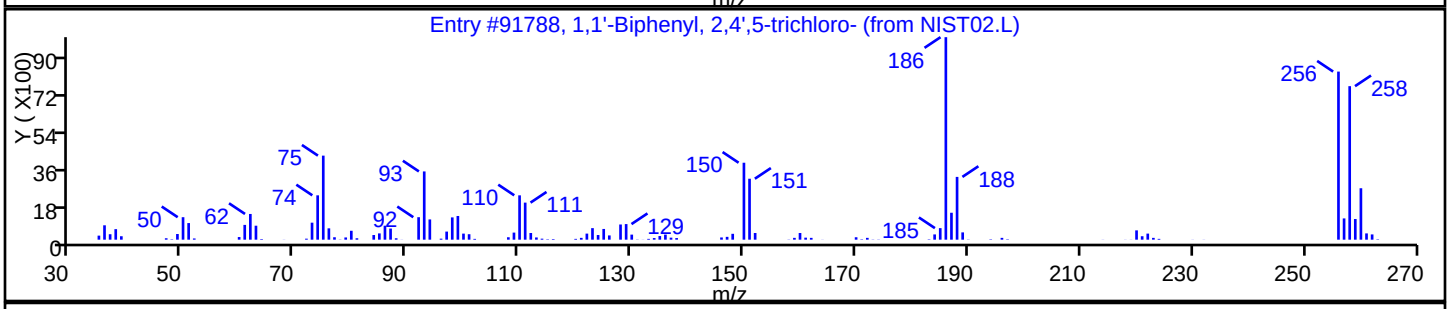
Method: 8270_4R Limit Group: SV 8270 ICAL

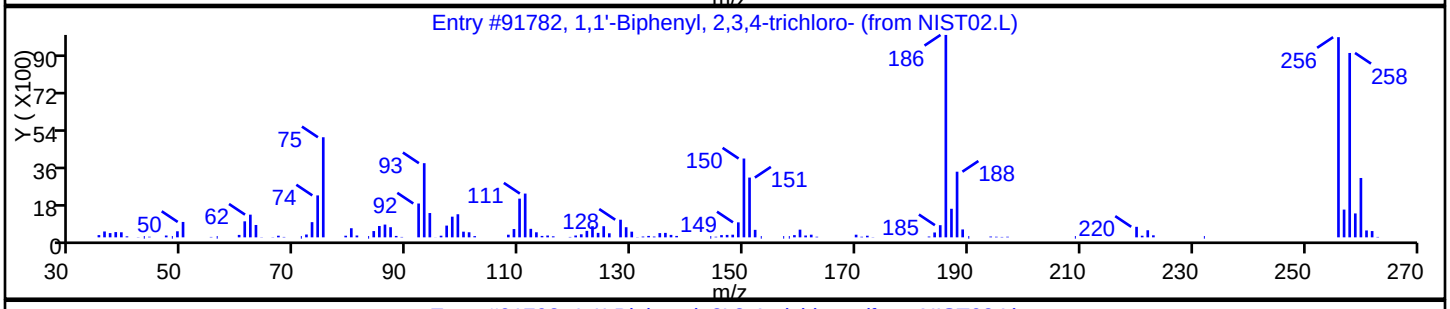
Column: Detector MS SCAN

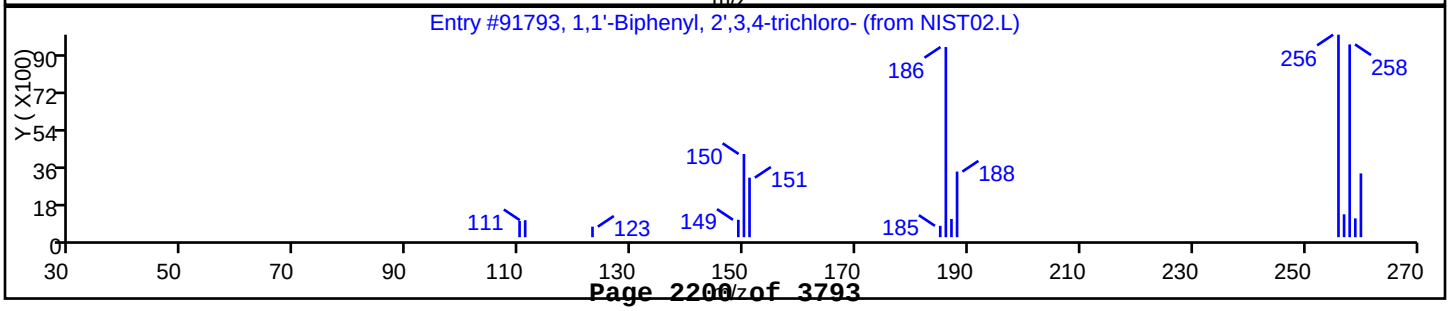
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	99
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	C12H7Cl3	256	96
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	96











Report Date: 13-Mar-2014 09:17:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94456.D

Injection Date: 12-Mar-2014 02:24:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-19-A Lab Sample ID: 460-72174-19

Client ID: PMP-24SW-VS

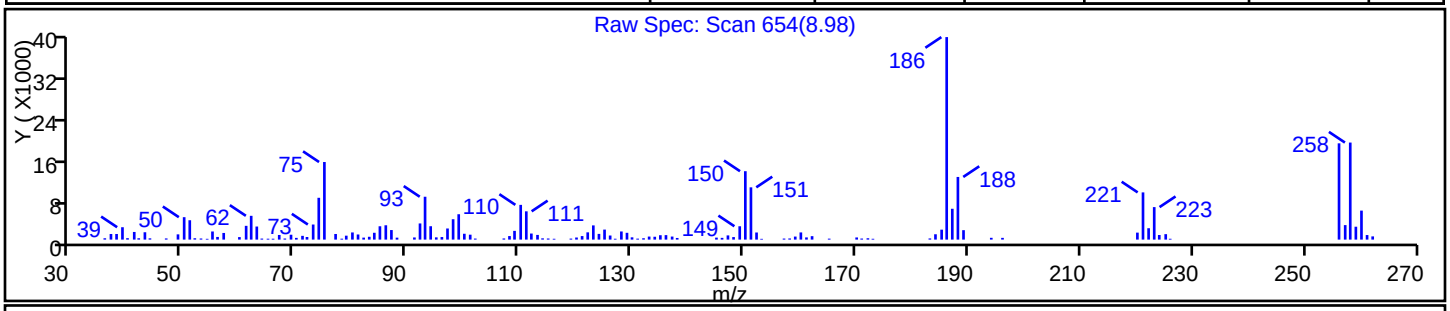
Operator ID: ALS Bottle#: 29 Worklist Smp#: 29

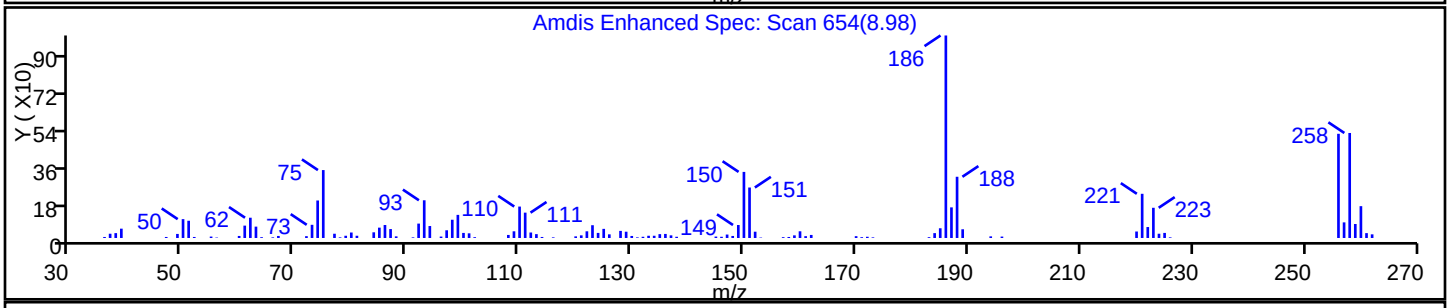
Injection Vol: 1.0 ul Dil. Factor: 1.0000

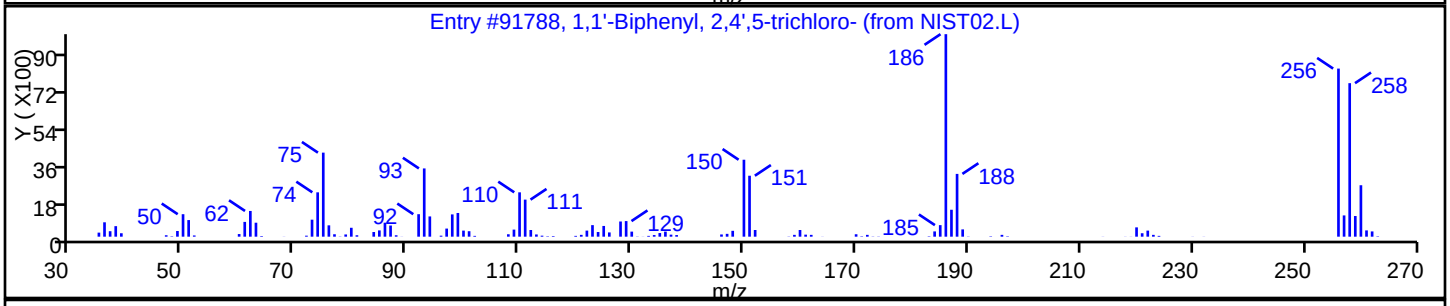
Method: 8270_4R Limit Group: SV 8270 ICAL

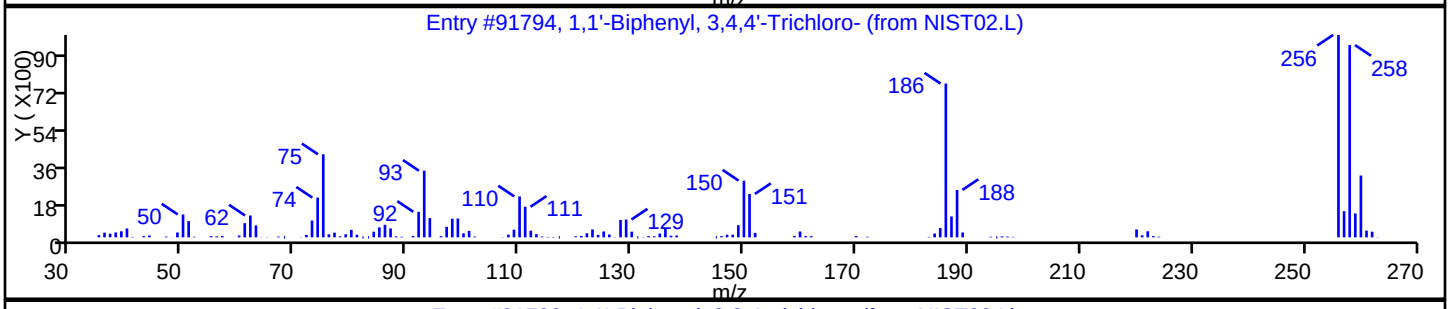
Column: Detector MS SCAN

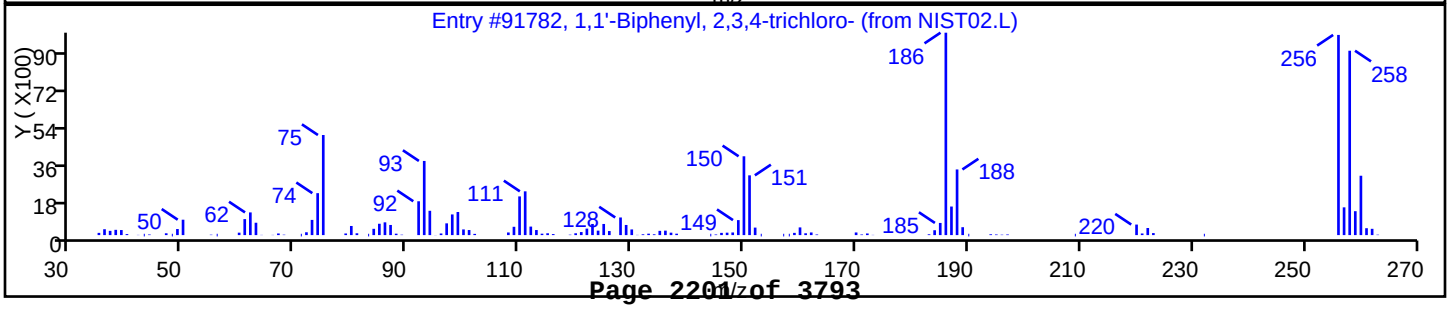
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	99
1,1'-Biphenyl, 3,4,4'-Trichloro-	38444-90-5	NIST02.L	91794	C12H7Cl3	256	97
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	C12H7Cl3	256	96











Report Date: 13-Mar-2014 09:17:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94456.D

Injection Date: 12-Mar-2014 02:24:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-19-A Lab Sample ID: 460-72174-19

Client ID: PMP-24SW-VS

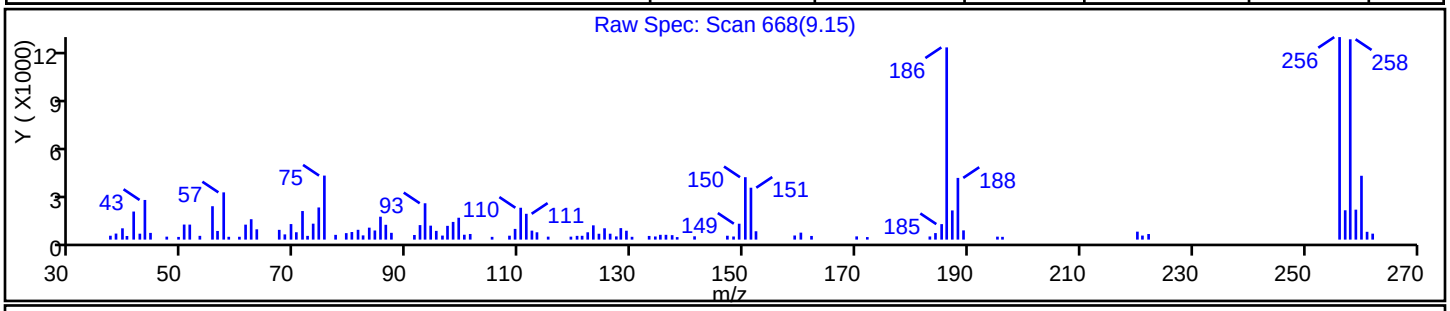
Operator ID: ALS Bottle#: 29 Worklist Smp#: 29

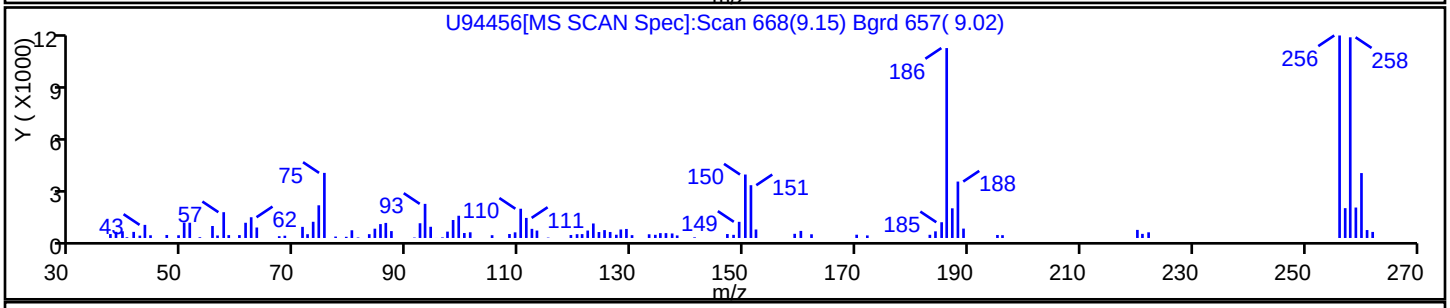
Injection Vol: 1.0 ul Dil. Factor: 1.0000

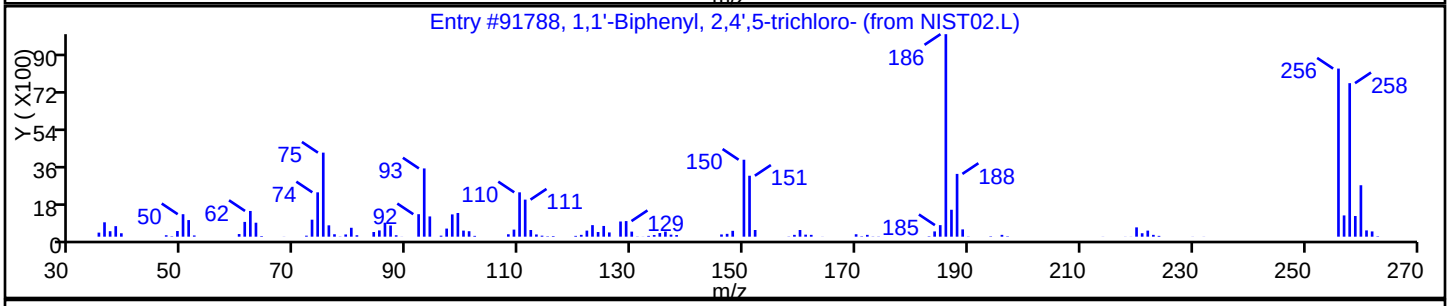
Method: 8270_4R Limit Group: SV 8270 ICAL

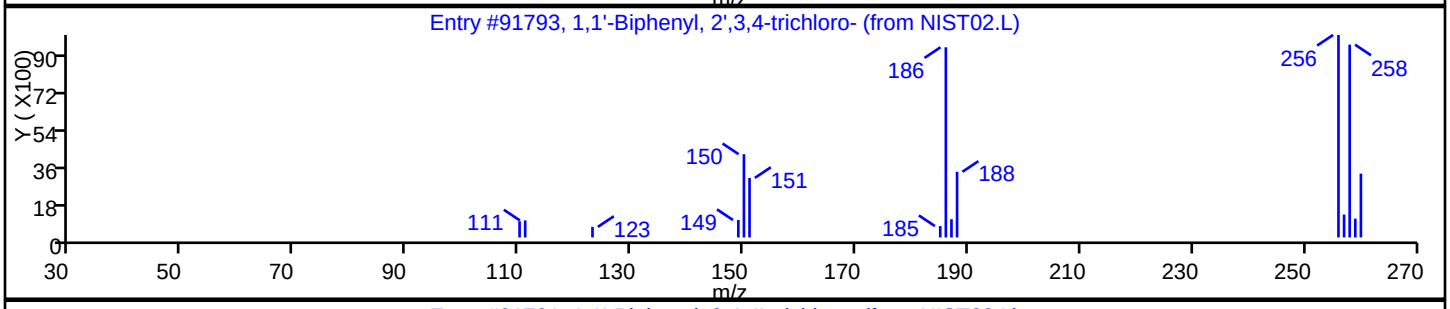
Column: Detector MS SCAN

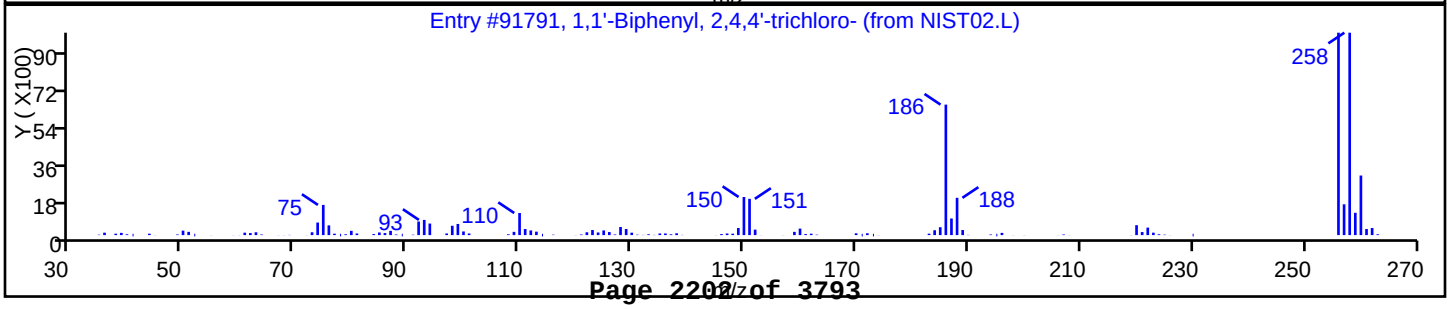
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	99
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	98
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	96











Report Date: 13-Mar-2014 09:17:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94456.D

Injection Date: 12-Mar-2014 02:24:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-19-A Lab Sample ID: 460-72174-19

Client ID: PMP-24SW-VS

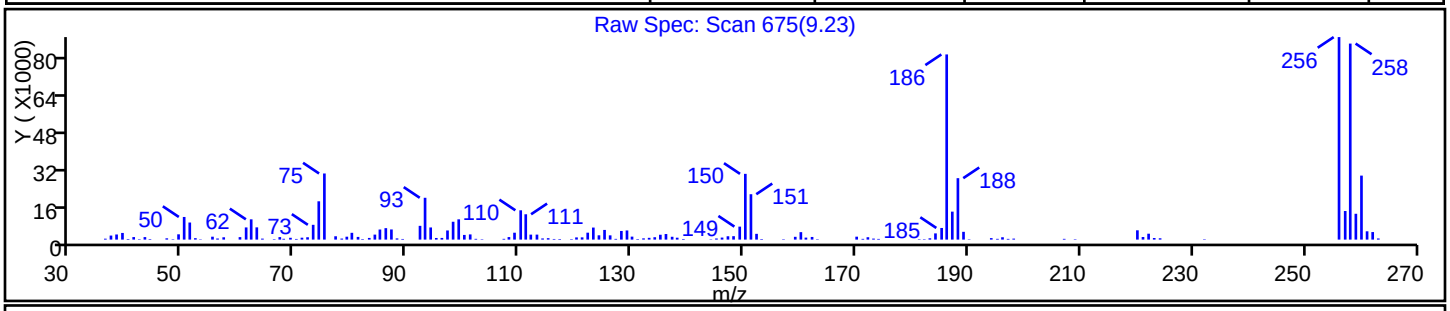
Operator ID: ALS Bottle#: 29 Worklist Smp#: 29

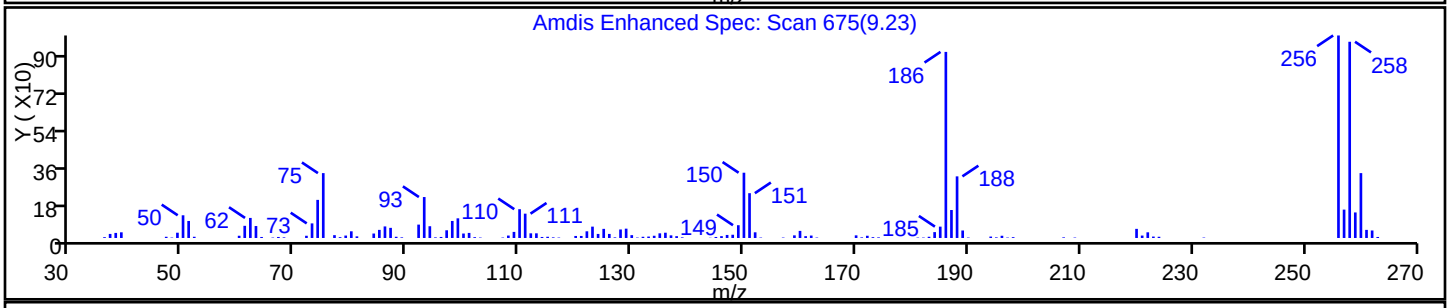
Injection Vol: 1.0 ul Dil. Factor: 1.0000

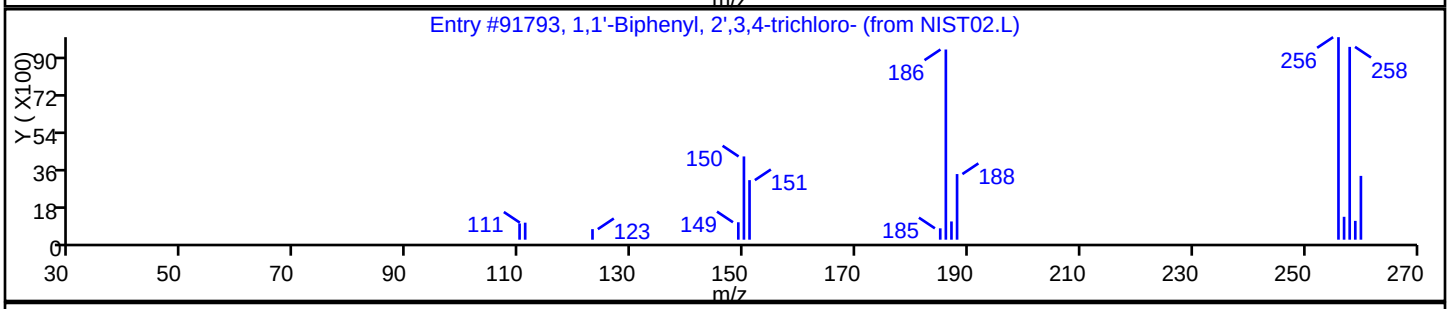
Method: 8270_4R Limit Group: SV 8270 ICAL

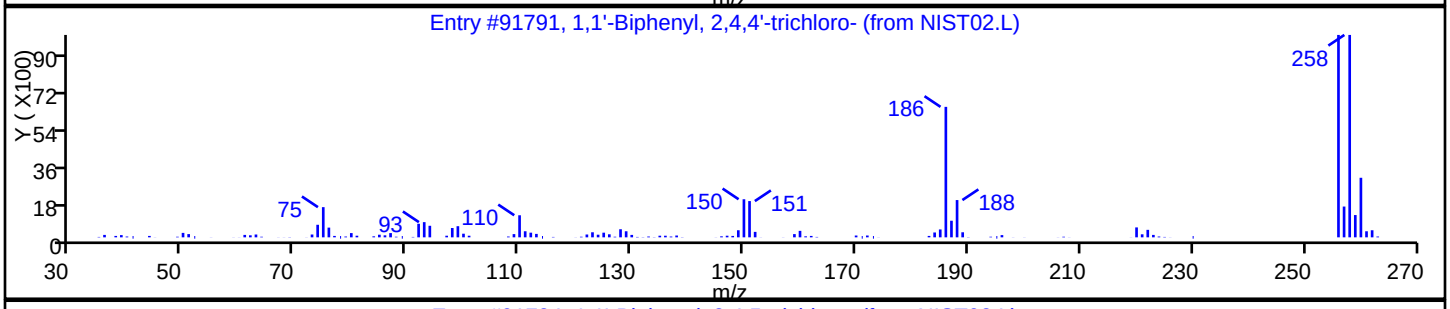
Column: Detector MS SCAN

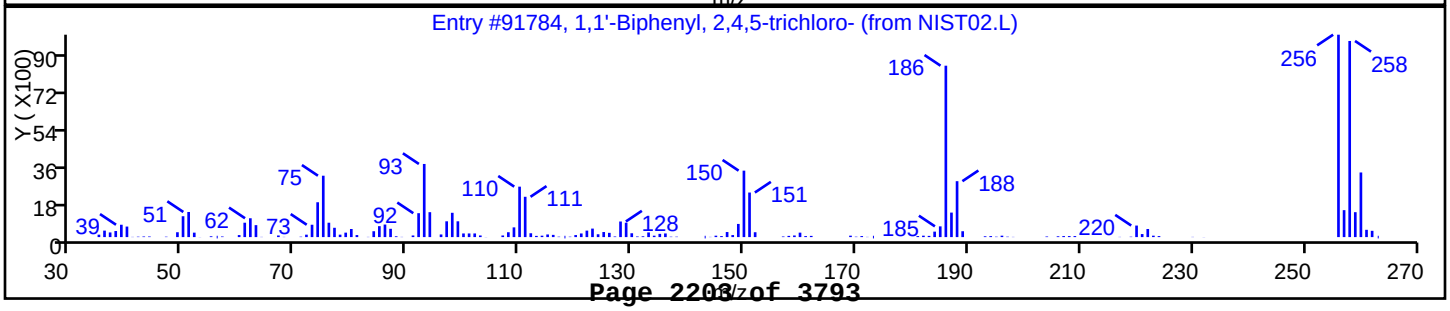
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	98
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	97
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.L	91784	C12H7Cl3	256	95











Report Date: 13-Mar-2014 09:17:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94456.D

Injection Date: 12-Mar-2014 02:24:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-19-A Lab Sample ID: 460-72174-19

Client ID: PMP-24SW-VS

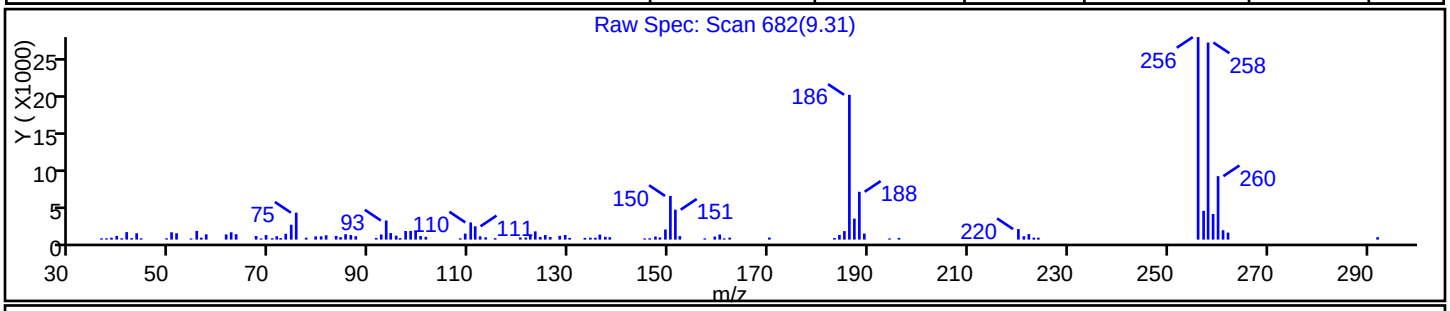
Operator ID: ALS Bottle#: 29 Worklist Smp#: 29

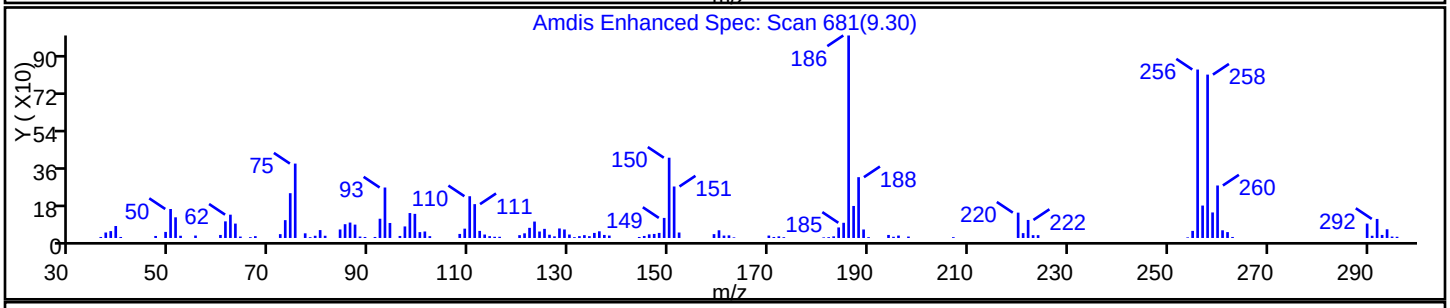
Injection Vol: 1.0 ul Dil. Factor: 1.0000

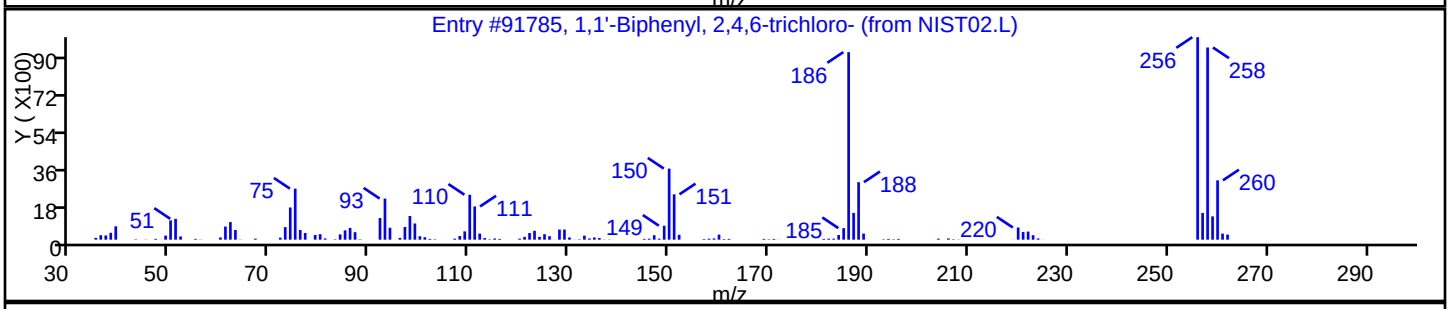
Method: 8270_4R Limit Group: SV 8270 ICAL

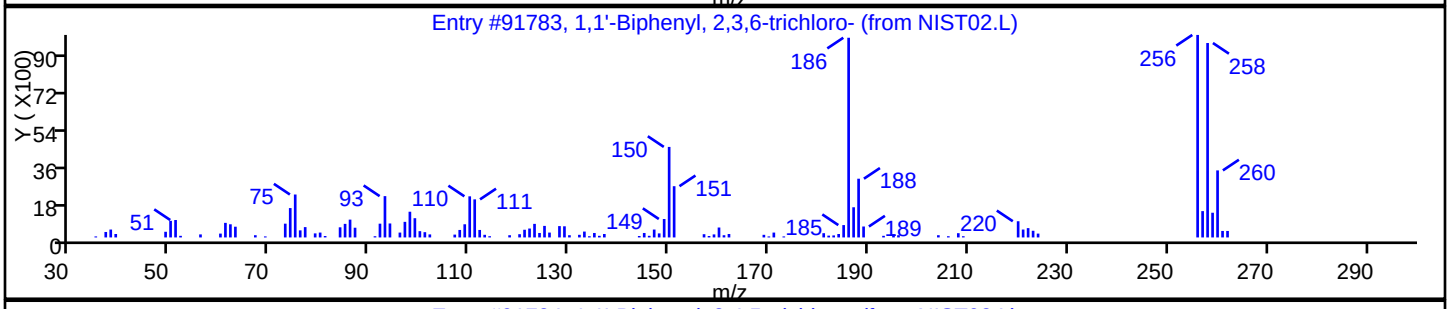
Column: Detector MS SCAN

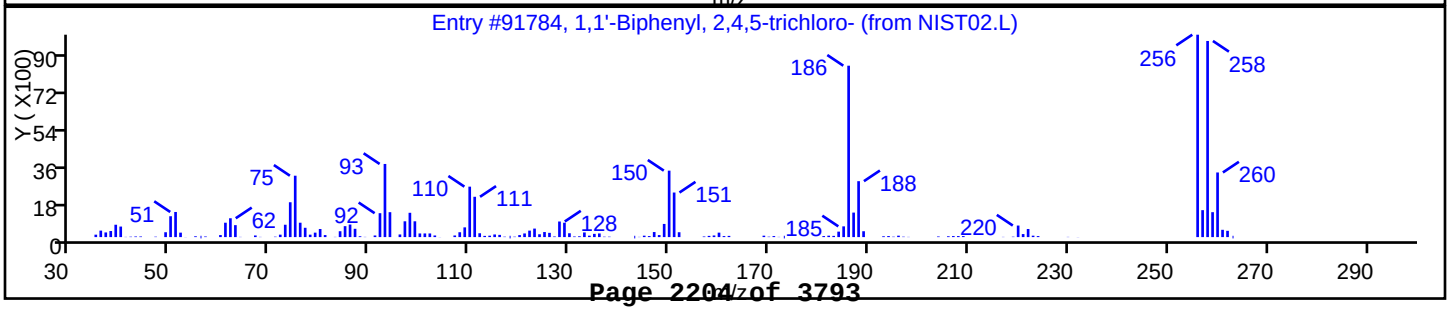
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.L	91785	C12H7Cl3	256	99
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.L	91783	C12H7Cl3	256	99
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.L	91784	C12H7Cl3	256	99











Report Date: 13-Mar-2014 09:17:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94456.D

Injection Date: 12-Mar-2014 02:24:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-19-A Lab Sample ID: 460-72174-19

Client ID: PMP-24SW-VS

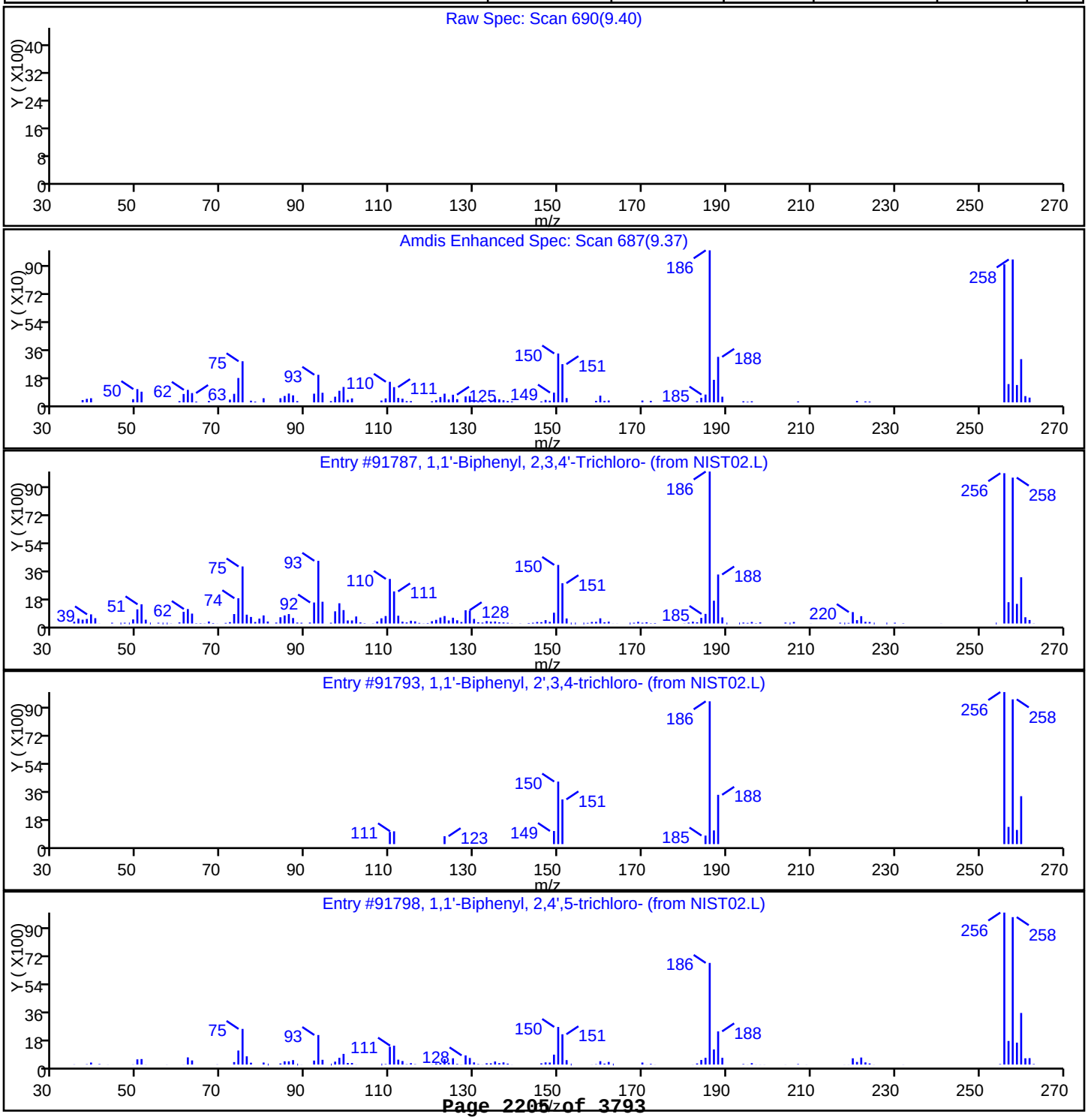
Operator ID: ALS Bottle#: 29 Worklist Smp#: 29

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,4'-Trichloro-	38444-85-8	NIST02.L	91787	C12H7Cl3	256	98
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	98
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91798	C12H7Cl3	256	97



Report Date: 13-Mar-2014 09:17:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94456.D

Injection Date: 12-Mar-2014 02:24:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-19-A Lab Sample ID: 460-72174-19

Client ID: PMP-24SW-VS

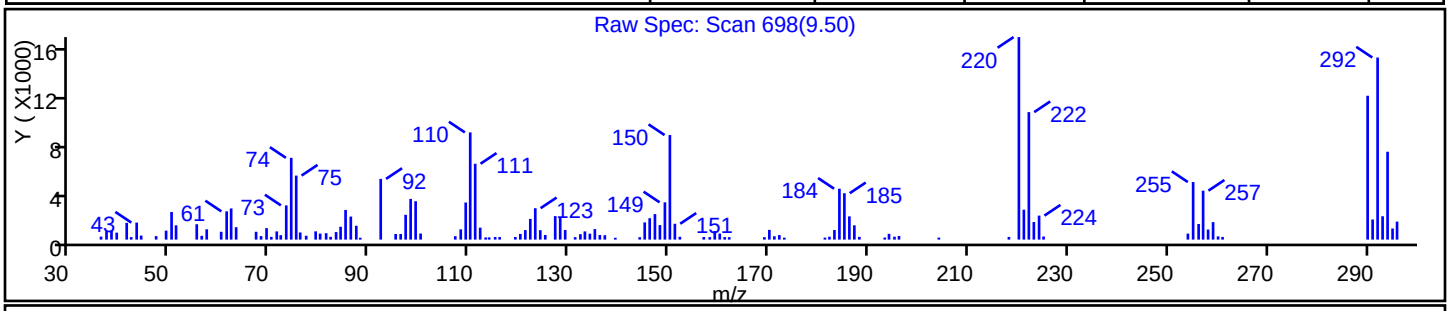
Operator ID: ALS Bottle#: 29 Worklist Smp#: 29

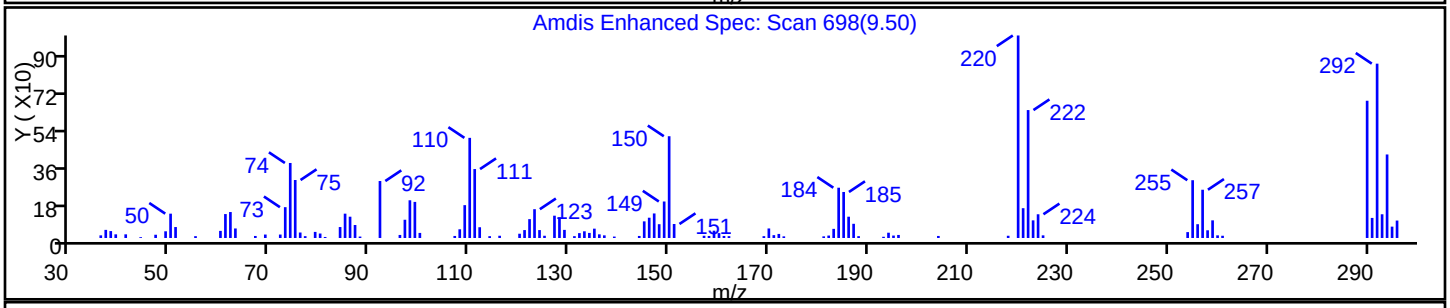
Injection Vol: 1.0 ul Dil. Factor: 1.0000

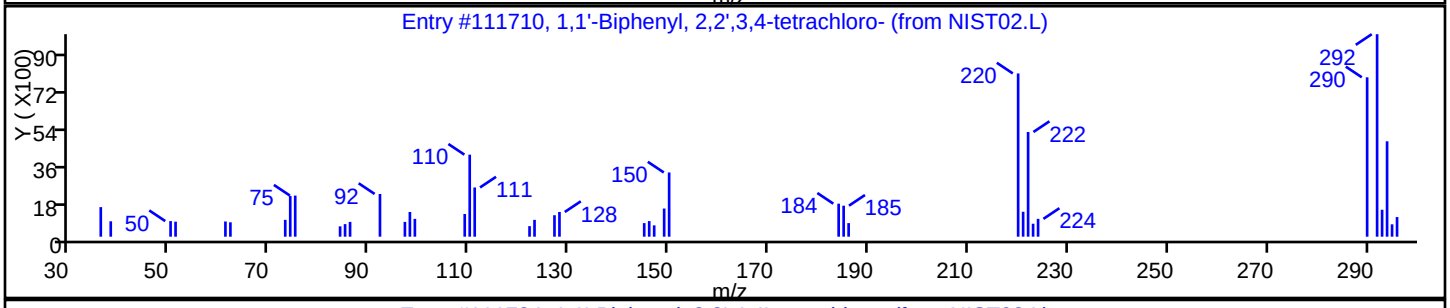
Method: 8270_4R Limit Group: SV 8270 ICAL

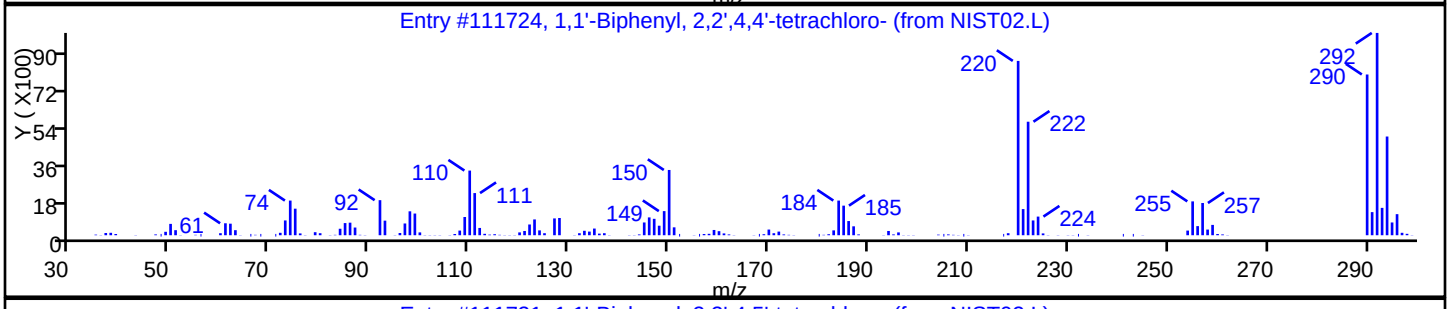
Column: Detector MS SCAN

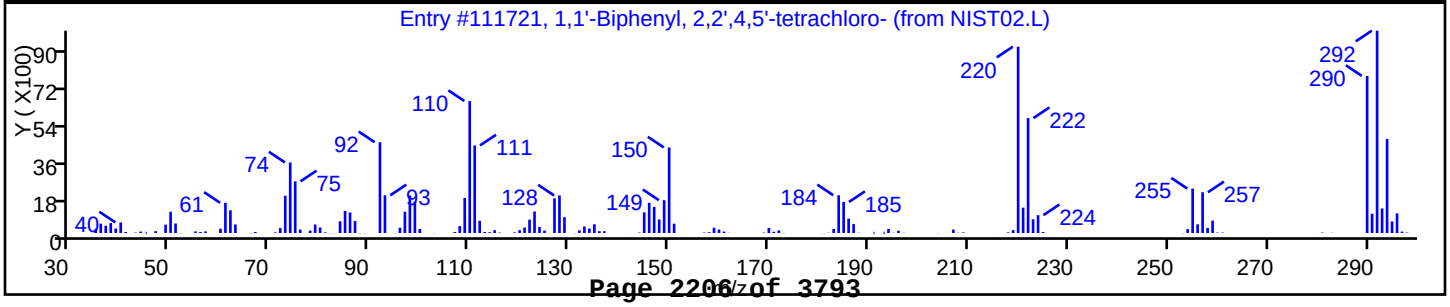
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',3,4-tetrachloro-	52663-59-9	NIST02.L	111710	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	2437-79-8	NIST02.L	111724	C12H6Cl4	290	98
1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	41464-40-8	NIST02.L	111721	C12H6Cl4	290	98











Report Date: 13-Mar-2014 09:17:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94456.D

Injection Date: 12-Mar-2014 02:24:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-19-A Lab Sample ID: 460-72174-19

Client ID: PMP-24SW-VS

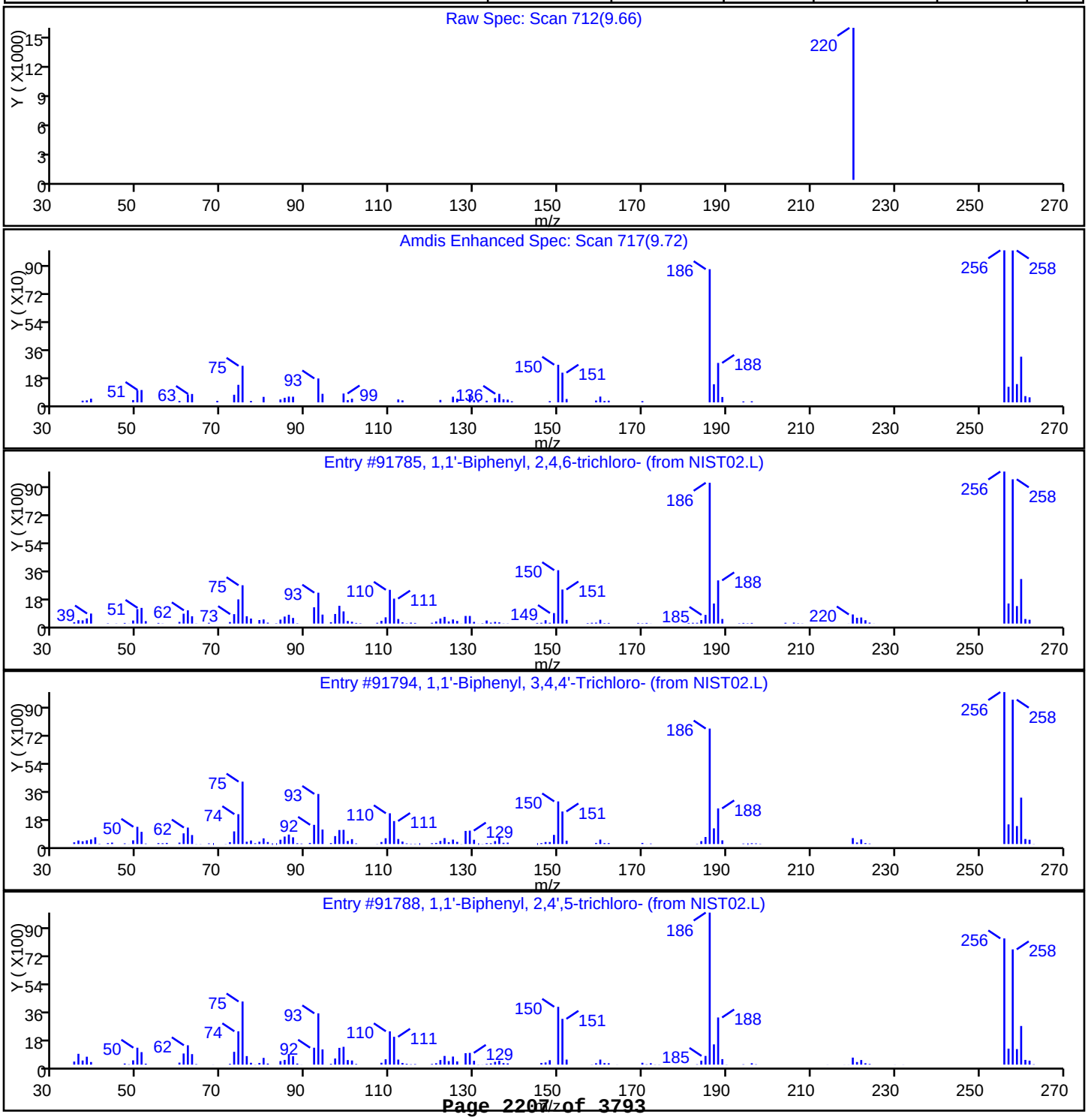
Operator ID: ALS Bottle#: 29 Worklist Smp#: 29

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.L	91785	C12H7Cl3	256	98
1,1'-Biphenyl, 3,4,4'-Trichloro-	38444-90-5	NIST02.L	91794	C12H7Cl3	256	97
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	97



Report Date: 13-Mar-2014 09:17:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94456.D

Injection Date: 12-Mar-2014 02:24:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-19-A Lab Sample ID: 460-72174-19

Client ID: PMP-24SW-VS

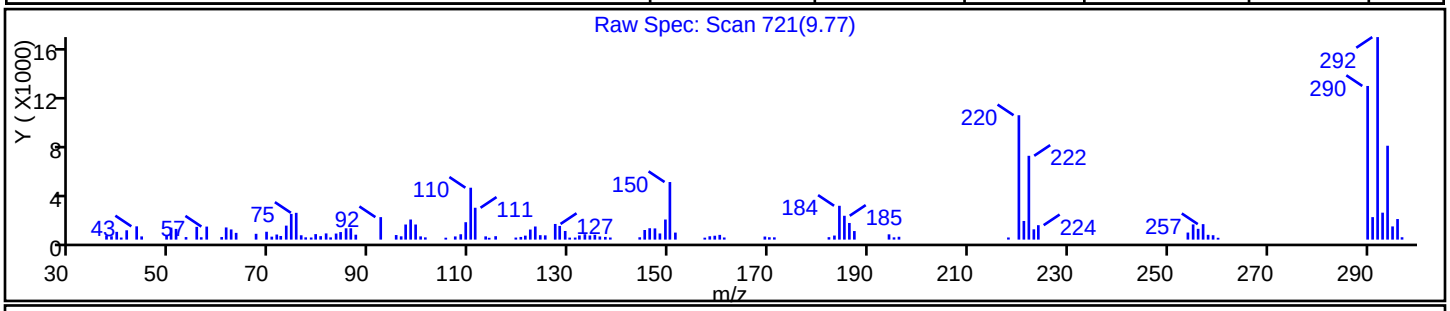
Operator ID: ALS Bottle#: 29 Worklist Smp#: 29

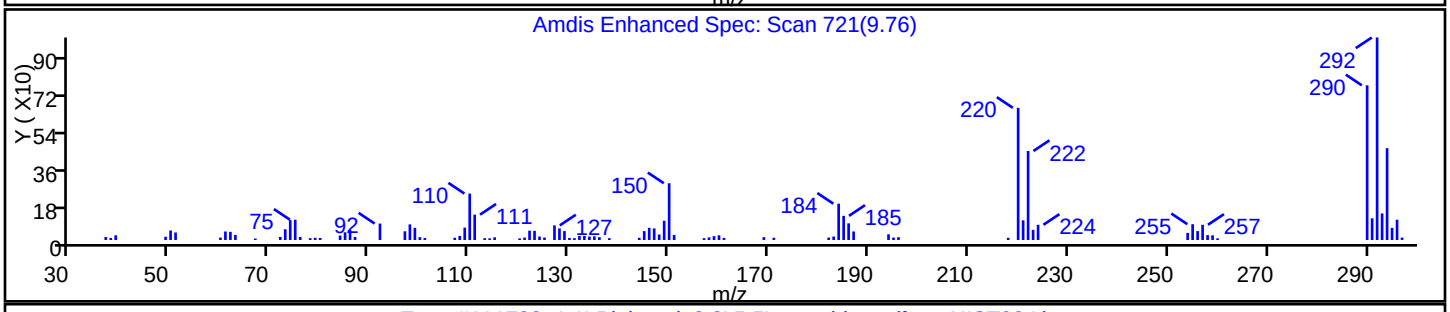
Injection Vol: 1.0 ul Dil. Factor: 1.0000

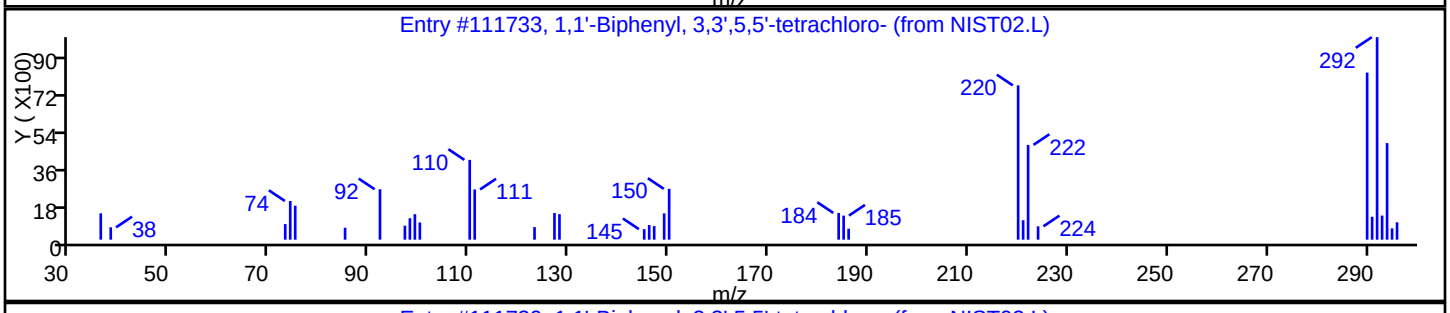
Method: 8270_4R Limit Group: SV 8270 ICAL

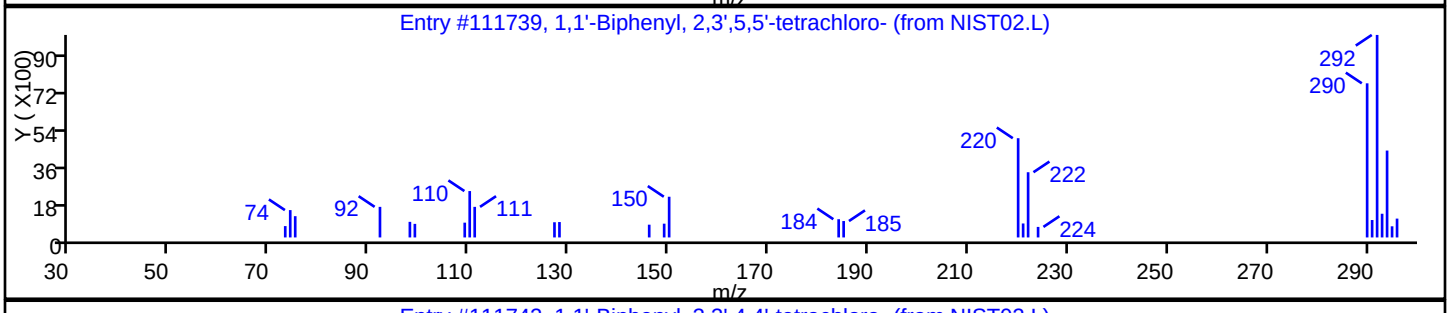
Column: Detector MS SCAN

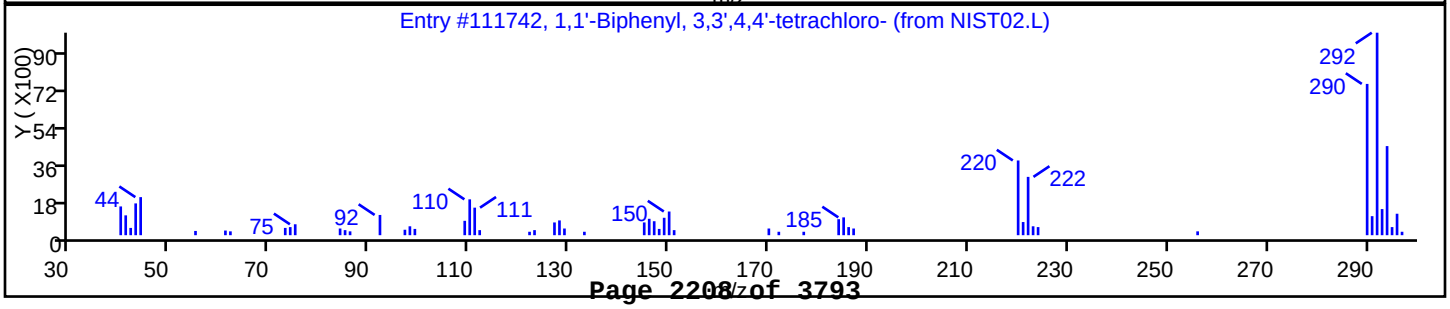
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 3,3',5,5'-tetrachloro-	33284-52-5	NIST02.L	111733	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.L	111739	C12H6Cl4	290	99
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	C12H6Cl4	290	97











Report Date: 13-Mar-2014 09:17:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94456.D

Injection Date: 12-Mar-2014 02:24:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-19-A Lab Sample ID: 460-72174-19

Client ID: PMP-24SW-VS

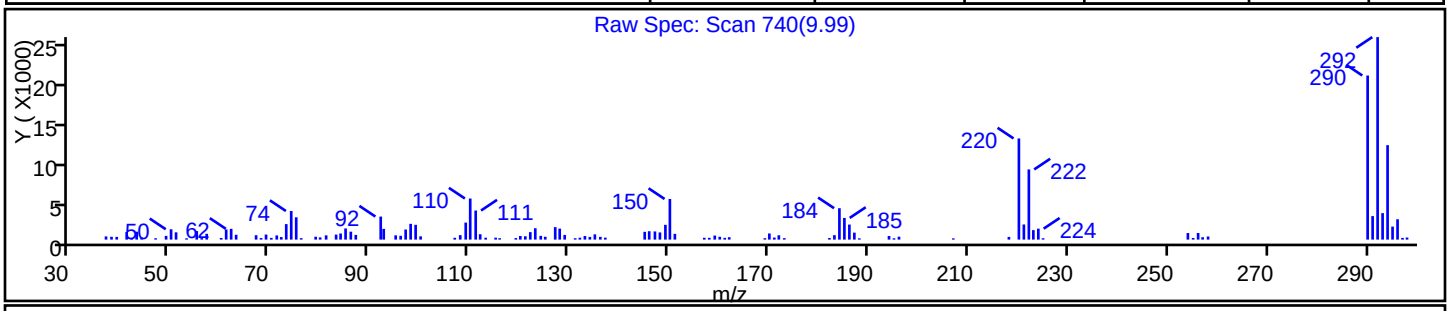
Operator ID: ALS Bottle#: 29 Worklist Smp#: 29

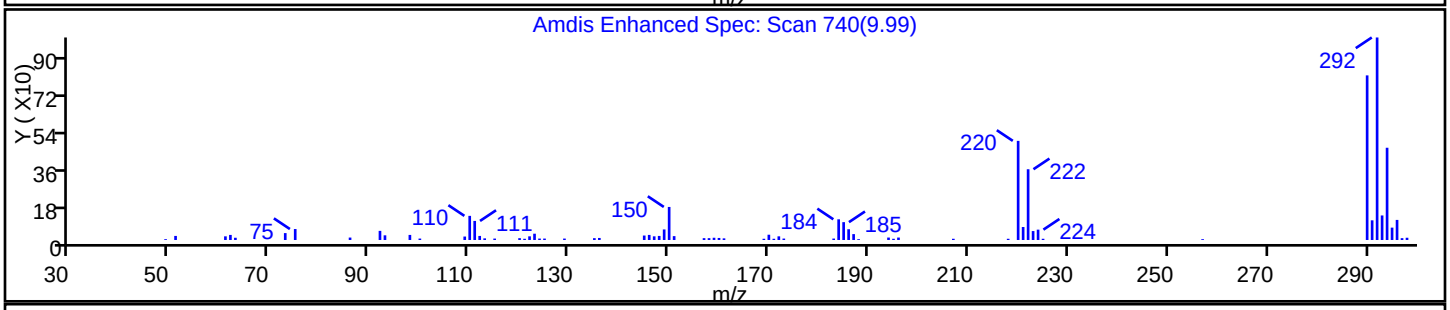
Injection Vol: 1.0 ul Dil. Factor: 1.0000

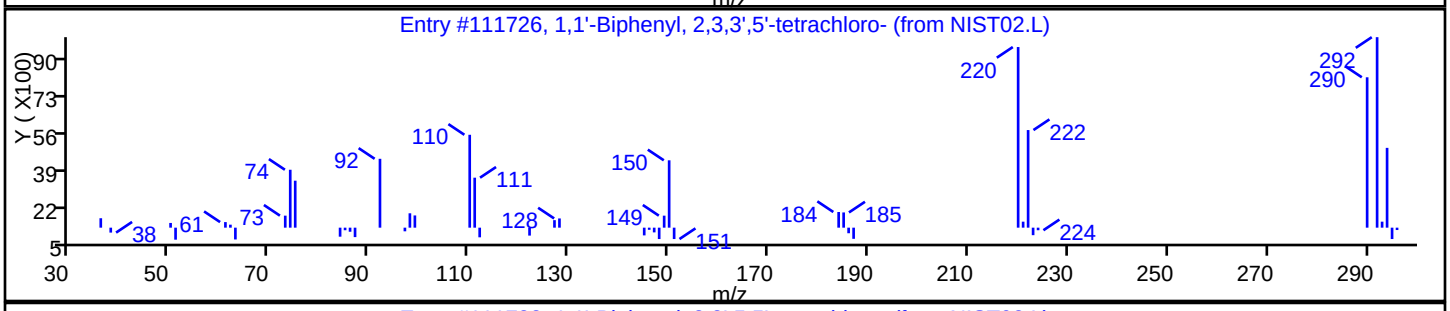
Method: 8270_4R Limit Group: SV 8270 ICAL

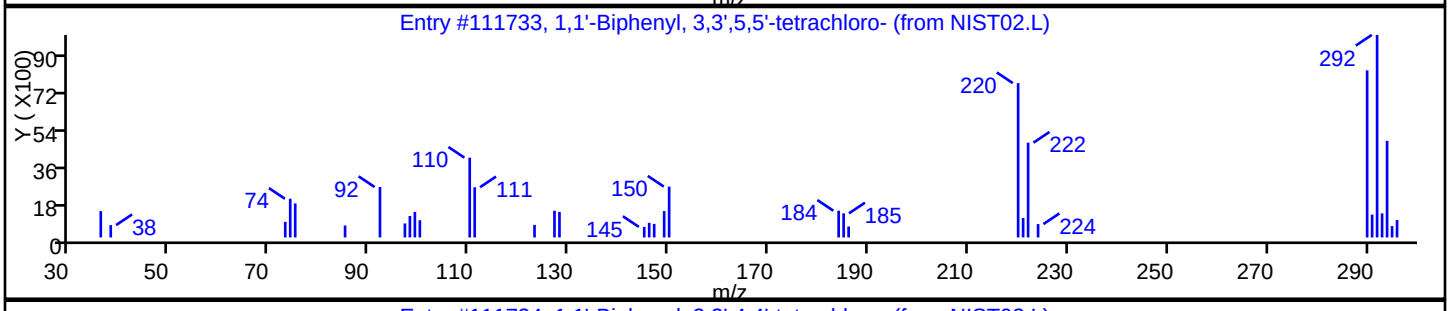
Column: Detector MS SCAN

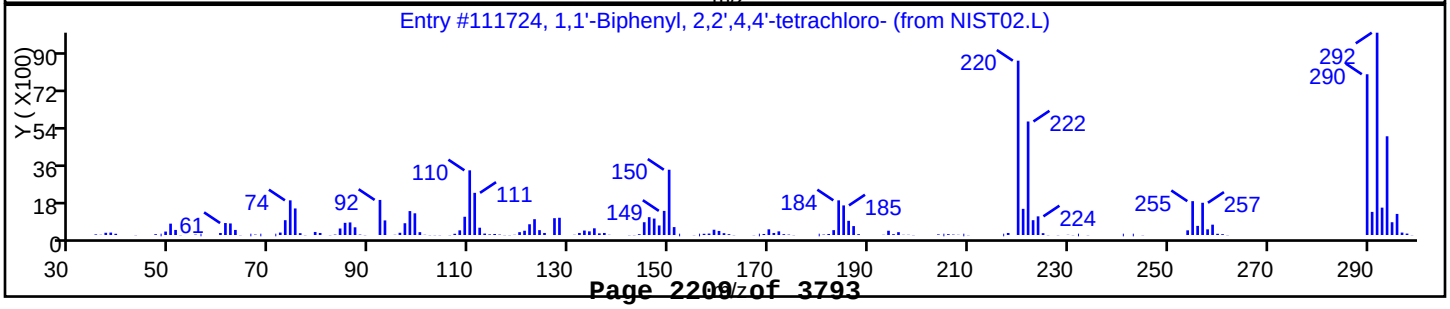
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,3',5'-tetrachloro-	41464-49-7	NIST02.L	111726	C12H6Cl4	290	99
1,1'-Biphenyl, 3,3',5,5'-tetrachloro-	33284-52-5	NIST02.L	111733	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	2437-79-8	NIST02.L	111724	C12H6Cl4	290	99











Report Date: 13-Mar-2014 09:17:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94456.D

Injection Date: 12-Mar-2014 02:24:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-19-A Lab Sample ID: 460-72174-19

Client ID: PMP-24SW-VS

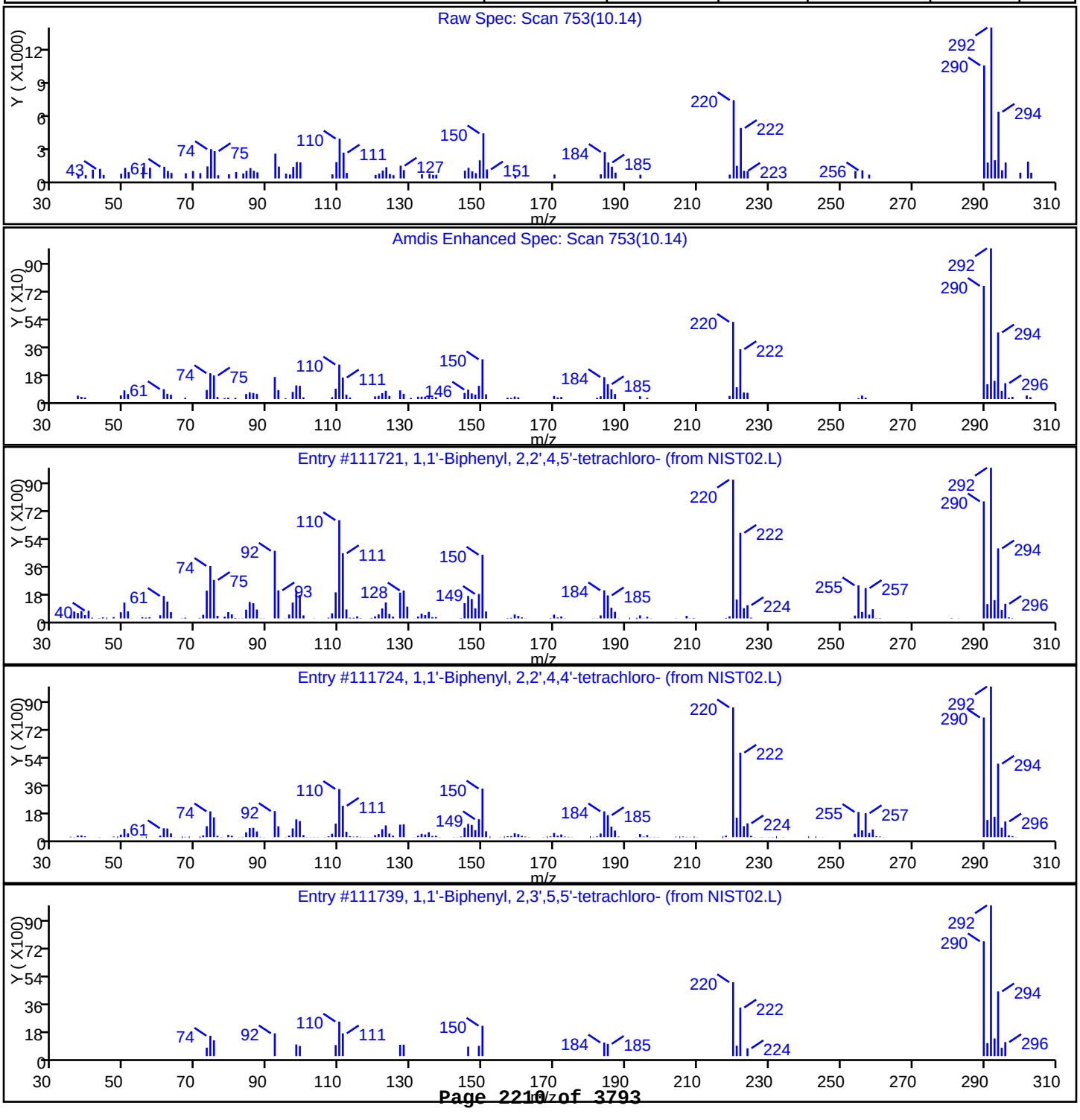
Operator ID: ALS Bottle#: 29 Worklist Smp#: 29

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	41464-40-8	NIST02.L	111721	C12H6Cl4	290	98
1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	2437-79-8	NIST02.L	111724	C12H6Cl4	290	98
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.L	111739	C12H6Cl4	290	97



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-VD DL | Lab Sample ID: 460-72174-20 DL

Matrix: Solid | Lab File ID: U94453.D

Analysis Method: 8270C | Date Collected: 03/06/2014 12:30

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) | Date Analyzed: 03/12/2014 01:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211922 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	1000	U	7500	1000
95-57-8	2-Chlorophenol	990	U	7500	990
95-48-7	2-Methylphenol	1300	U	7500	1300
106-44-5	4-Methylphenol	1500	U	7500	1500
100-52-7	Benzaldehyde	890	U	7500	890
98-86-2	Acetophenone	1200	U	7500	1200
111-44-4	Bis(2-chloroethyl)ether	100	U	750	100
108-60-1	2,2'-oxybis[1-chloropropane]	830	U	7500	830
621-64-7	N-Nitrosodi-n-propylamine	130	U	750	130
98-95-3	Nitrobenzene	110	U *	750	110
67-72-1	Hexachloroethane	84	U	750	84
78-59-1	Isophorone	910	U	7500	910
88-75-5	2-Nitrophenol	840	U	7500	840
105-67-9	2,4-Dimethylphenol	1900	U	7500	1900
120-83-2	2,4-Dichlorophenol	1100	U	7500	1100
111-91-1	Bis(2-chloroethoxy)methane	970	U	7500	970
91-20-3	Naphthalene	18000	D	7500	870
106-47-8	4-Chloroaniline	2000	U	7500	2000
87-68-3	Hexachlorobutadiene	180	U	1500	180
105-60-2	Caprolactam	1700	U	7500	1700
59-50-7	4-Chloro-3-methylphenol	1100	U	7500	1100
91-57-6	2-Methylnaphthalene	42000	D	7500	970
118-74-1	Hexachlorobenzene	100	U	750	100
77-47-4	Hexachlorocyclopentadiene	890	U	7500	890
88-06-2	2,4,6-Trichlorophenol	880	U	7500	880
95-95-4	2,4,5-Trichlorophenol	970	U	7500	970
92-52-4	Diphenyl	8400	D	7500	1000
91-58-7	2-Chloronaphthalene	840	U	7500	840
88-74-4	2-Nitroaniline	3100	U	15000	3100
606-20-2	2,6-Dinitrotoluene	230	U	1500	230
131-11-3	Dimethyl phthalate	890	U	7500	890
208-96-8	Acenaphthylene	890	U	7500	890
99-09-2	3-Nitroaniline	2700	U	15000	2700
83-32-9	Acenaphthene	2400	J D	7500	1100

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-VD DL | Lab Sample ID: 460-72174-20 DL

Matrix: Solid | Lab File ID: U94453.D

Analysis Method: 8270C | Date Collected: 03/06/2014 12:30

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) | Date Analyzed: 03/12/2014 01:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211922 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4800	U	23000	4800
51-28-5	2,4-Dinitrophenol	4300	U	23000	4300
132-64-9	Dibenzofuran	1300	J D	7500	880
84-66-2	Diethyl phthalate	900	U	7500	900
86-73-7	Fluorene	1100	J D	7500	960
206-44-0	Fluoranthene	1000	U	7500	1000
84-74-2	Di-n-butyl phthalate	930	U	7500	930
121-14-2	2,4-Dinitrotoluene	250	U	1500	250
7005-72-3	4-Chlorophenyl phenyl ether	880	U	7500	880
100-01-6	4-Nitroaniline	2300	U	15000	2300
534-52-1	4,6-Dinitro-2-methylphenol	2100	U	23000	2100
101-55-3	4-Bromophenyl phenyl ether	750	U	7500	750
1912-24-9	Atrazine	1200	U	7500	1200
120-12-7	Anthracene	910	U	7500	910
86-74-8	Carbazole	890	U	7500	890
85-01-8	Phenanthrene	1100	J D	7500	960
87-86-5	Pentachlorophenol	2200	U	23000	2200
129-00-0	Pyrene	630	U	7500	630
218-01-9	Chrysene	880	U	7500	880
207-08-9	Benzo[k]fluoranthene	57	U	750	57
191-24-2	Benzo[g,h,i]perylene	560	U	7500	560
205-99-2	Benzo[b]fluoranthene	48	U	750	48
50-32-8	Benzo[a]pyrene	53	U	750	53
56-55-3	Benzo[a]anthracene	53	U	750	53
86-30-6	N-Nitrosodiphenylamine	740	U	7500	740
85-68-7	Butyl benzyl phthalate	690	U	7500	690
117-81-7	Bis(2-ethylhexyl) phthalate	2500	U	7500	2500
117-84-0	Di-n-octyl phthalate	480	U	7500	480
193-39-5	Indeno[1,2,3-cd]pyrene	140	U	750	140
53-70-3	Dibenz(a,h)anthracene	95	U	750	95
91-94-1	3,3'-Dichlorobenzidine	2600	U	15000	2600
95-94-3	1,2,4,5-Tetrachlorobenzene	1800	J D	7500	1000
58-90-2	2,3,4,6-Tetrachlorophenol	980	U	7500	980

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-VD DL Lab Sample ID: 460-72174-20 DL

Matrix: Solid Lab File ID: U94453.D

Analysis Method: 8270C Date Collected: 03/06/2014 12:30

Extract. Method: 3541 Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 01:16

Con. Extract Vol.: 1(mL) Dilution Factor: 20

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 12.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211922 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	0	D	40-106
4165-62-2	Phenol-d5	0	D	44-104
1718-51-0	Terphenyl-d14	0	D	41-145
118-79-6	2,4,6-Tribromophenol	0	D	19-114
367-12-4	2-Fluorophenol	0	D	39-103
321-60-8	2-Fluorobiphenyl	0	D	49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-VD DL | Lab Sample ID: 460-72174-20 DL

Matrix: Solid | Lab File ID: U94453.D

Analysis Method: 8270C | Date Collected: 03/06/2014 12:30

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.02(g) | Date Analyzed: 03/12/2014 01:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211922 | Units: ug/Kg

Number TICs Found: 18 | TIC Result Total: 1.8812e+006

CAS NO.	COMPOUND NAME	RT	RESULT	Q
88-73-3	Benzene, 1-chloro-2-nitro-	6.08	420000	D J N
99-54-7	Benzene, 1,2-dichloro-4-nitro-	6.90	110000	D J N
13029-08-8	1,1'-Biphenyl, 2,2'-dichloro-	8.09	190000	D J N
16605-91-7	1,1'-Biphenyl, 2,3-dichloro-	8.32	7400	D J N
16605-91-7	1,1'-Biphenyl, 2,3-dichloro-	8.41	7800	D J N
2050-67-1	1,1'-Biphenyl, 3,3'-dichloro-	8.49	33000	D J N
55702-46-0	1,1'-Biphenyl, 2,3,4-trichloro-	8.86	560000	D J N
15862-07-4	1,1'-Biphenyl, 2,4,5-trichloro-	9.02	23000	D J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	9.16	11000	D J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	9.26	48000	D J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	9.34	27000	D J N
38444-81-4	1,1'-Biphenyl, 2,3',5-trichloro-	9.40	18000	D J N
33284-52-5	1,1'-Biphenyl, 3,3',5,5'-tetrachloro-	9.52	34000	D J N
2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	9.68	20000	D J N
32598-12-2	1,1'-Biphenyl, 2,4,4',6-tetrachloro-	9.79	26000	D J N
33025-41-1	1,1'-Biphenyl, 2,3,4,4'-tetrachloro-	10.04	38000	D J N
32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	10.16	18000	D J N
32598-14-4	1,1'-Biphenyl, 2,3,3',4,4'-pentachloro-	10.47	290000	D J N

Report Date: 13-Mar-2014 09:17:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D
Lims ID: 460-72174-E-20-A Lab Sample ID: 460-72174-20
Client ID: PMP-24SW-VD
Sample Type: Client
Inject. Date: 12-Mar-2014 01:16:30 ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 20.0000
Sample Info: 460-0010721-026
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 09:17:06 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: ranav Date: 12-Mar-2014 10:37:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
* 13 1,4-Dichlorobenzene-d4	152	4.399	4.401	-0.002	96	98132	40.0	
* 35 Naphthalene-d8	136	5.684	5.689	-0.005	100	404994	40.0	
36 Naphthalene	128	5.695	5.717	-0.022	97	125068	12.0	
41 2-Methylnaphthalene	142	6.392	6.404	-0.012	82	166055	28.0	
44 1,2,4,5-Tetrachlorobenzene	216	6.564	6.580	-0.016	43	2107	1.18	
49 1,1'-Biphenyl	154	6.852	6.870	-0.018	88	30760	5.50	
59 Acenaphthylene	152	7.282	7.298	-0.016	45	2118	0.3494	
* 61 Acenaphthene-d10	164	7.422	7.432	-0.010	92	149977	40.0	
62 Acenaphthene	154	7.456	7.471	-0.015	63	6361	1.57	
66 Dibenzofuran	168	7.629	7.646	-0.017	66	4706	0.8329	
70 Fluorene	166	7.964	7.981	-0.017	34	3081	0.7243	
* 83 Phenanthrene-d10	188	8.914	8.889	0.025	88	235509	40.0	
84 Phenanthrene	178	8.936	8.921	0.015	7	4931	0.7510	
* 96 Chrysene-d12	240	11.638	11.649	-0.011	96	139104	40.0	
* 103 Perylene-d12	264	13.563	13.580	-0.017	98	163357	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D
Lims ID: 460-72174-E-20-A Lab Sample ID: 460-72174-20
Client ID: PMP-24SW-VD
Sample Type: Client
Inject. Date: 12-Mar-2014 01:16:30 ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 20.0000
Sample Info: 460-0010721-026
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 09:17:06 Calib Date: 27-Feb-2014 14:00:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: ranav Date: 12-Mar-2014 10:37:47

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
88-73-3 Benzene, 1-chloro-2-nitro-								
6.081	13009227	279.6	35	98	27936	C6H4ClNO2	157	
99-54-7 Benzene, 1,2-dichloro-4-nitro-								
6.898	2910492	75.8	61	99	49904	C6H3Cl2NO2	191	
13029-08-8 1,1'-Biphenyl, 2,2'-dichloro-								
8.091	4707773	122.6	61	99	70601	C12H8Cl2	222	
16605-91-7 1,1'-Biphenyl, 2,3-dichloro-								
8.317	1722272	4.90	83	99	70592	C12H8Cl2	222	
16605-91-7 1,1'-Biphenyl, 2,3-dichloro-								
8.408	1818106	5.17	83	99	70592	C12H8Cl2	222	
2050-67-1 1,1'-Biphenyl, 3,3'-dichloro-								
8.487	7600428	21.6	83	99	70599	C12H8Cl2	222	
55702-46-0 1,1'-Biphenyl, 2,3,4-trichloro-								
8.858	14072833	366.4	61	99	91782	C12H7Cl3	256	
15862-07-4 1,1'-Biphenyl, 2,4,5-trichloro-								
9.015	5401171	15.4	83	98	91784	C12H7Cl3	256	
38444-86-9 1,1'-Biphenyl, 2',3,4-trichloro-								
9.161	2466352	7.01	83	98	91793	C12H7Cl3	256	
16606-02-3 1,1'-Biphenyl, 2,4',5-trichloro-								
9.262	11125406	31.6	83	99	91788	C12H7Cl3	256	
16606-02-3 1,1'-Biphenyl, 2,4',5-trichloro-								
9.340	6182914	17.6	83	99	91788	C12H7Cl3	256	
38444-81-4 1,1'-Biphenyl, 2,3',5-trichloro-								
9.396	4186896	11.9	83	99	91790	C12H7Cl3	256	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	33284-52-5	1,1'-Biphenyl, 3,3',5,5'-tetrachloro-						
9.520	7800859	22.2	83	99	111733	C12H6Cl4	290	
	2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-						
9.677	4671307	13.3	83	99	111744	C12H6Cl4	290	
	32598-12-2	1,1'-Biphenyl, 2,4,4',6-tetrachloro-						
9.789	6090248	17.3	83	99	111716	C12H6Cl4	290	
	33025-41-1	1,1'-Biphenyl, 2,3,4,4'-tetrachloro-						
10.036	8892518	25.3	83	99	111714	C12H6Cl4	290	
	32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-						
10.160	4187272	11.9	83	99	111742	C12H6Cl4	290	
	32598-14-4	1,1'-Biphenyl, 2,3,3',4,4'-pentachloro-						
10.474	2431803	188.8	96	99	129511	C12H5Cl5	324	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 35 Naphthalene-d8	5.684	1860922	40.0
* 61 Acenaphthene-d10	7.387	1536448	40.0
* 83 Phenanthrene-d10	8.858	14072833	40.0
* 96 Chrysene-d12	11.638	515116	40.0

QC Flag Legend

Processing Flags

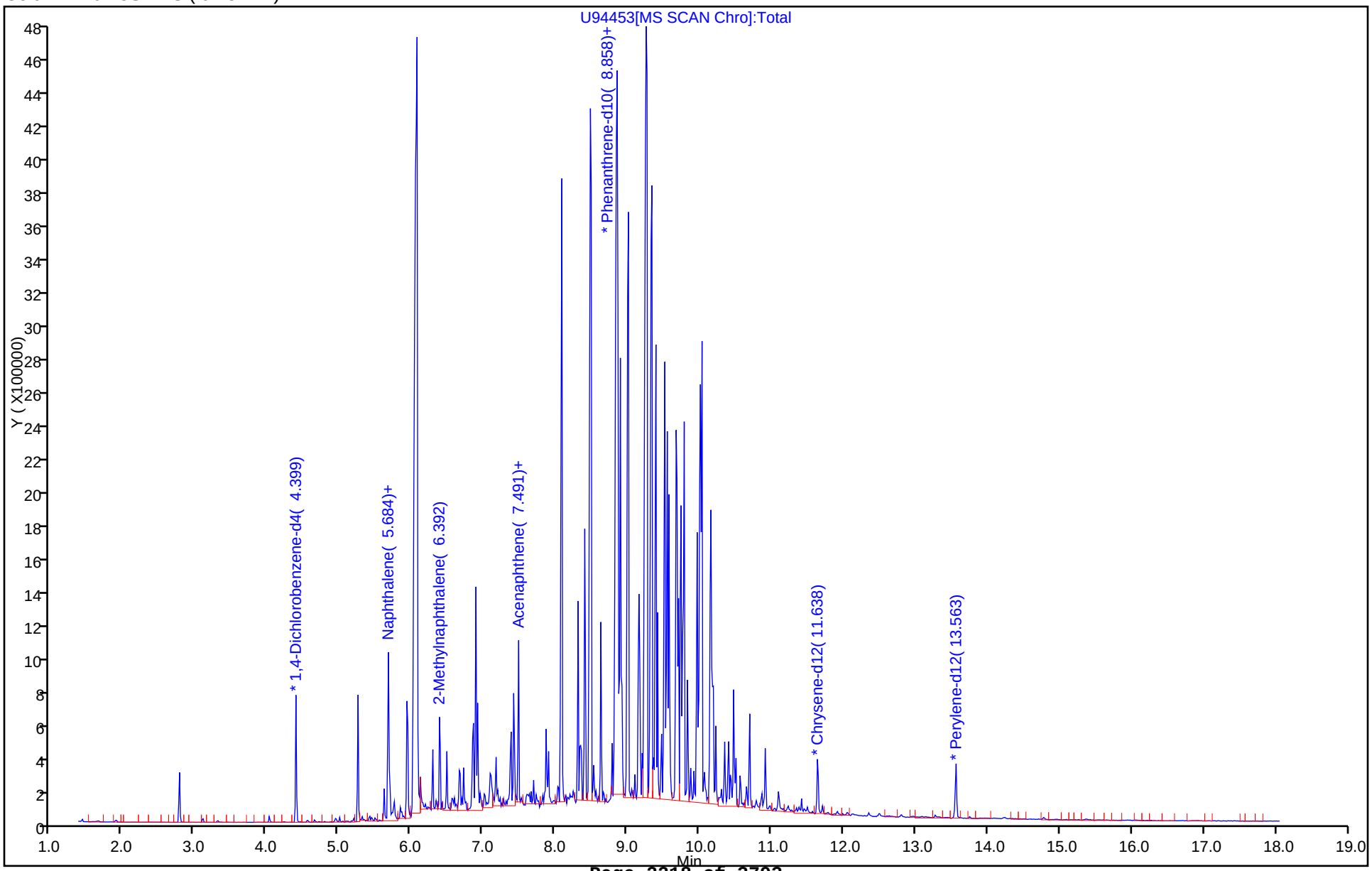
Report Date: 13-Mar-2014 09:17:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date:	12-Mar-2014 01:16:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-72174-E-20-A	Lab Sample ID:	460-72174-20	Worklist Smp#:	26
Client ID:	PMP-24SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	20.0000	ALS Bottle#:	26
Method:	8270_4R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



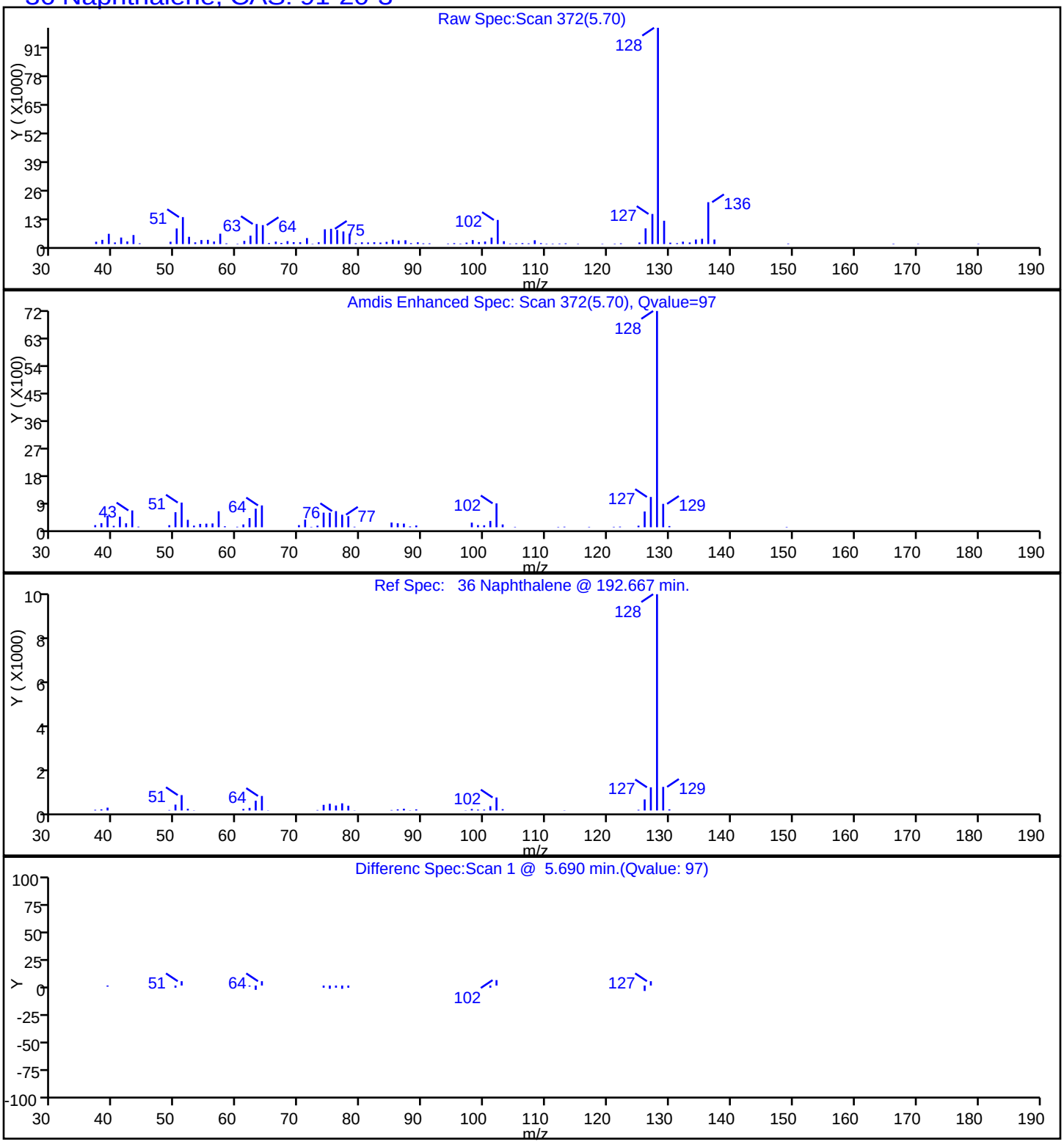
Report Date: 13-Mar-2014 09:17:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date:	12-Mar-2014 01:16:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-20-A	Lab Sample ID:	460-72174-20		
Client ID:	PMP-24SW-VD				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	20.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

36 Naphthalene, CAS: 91-20-3



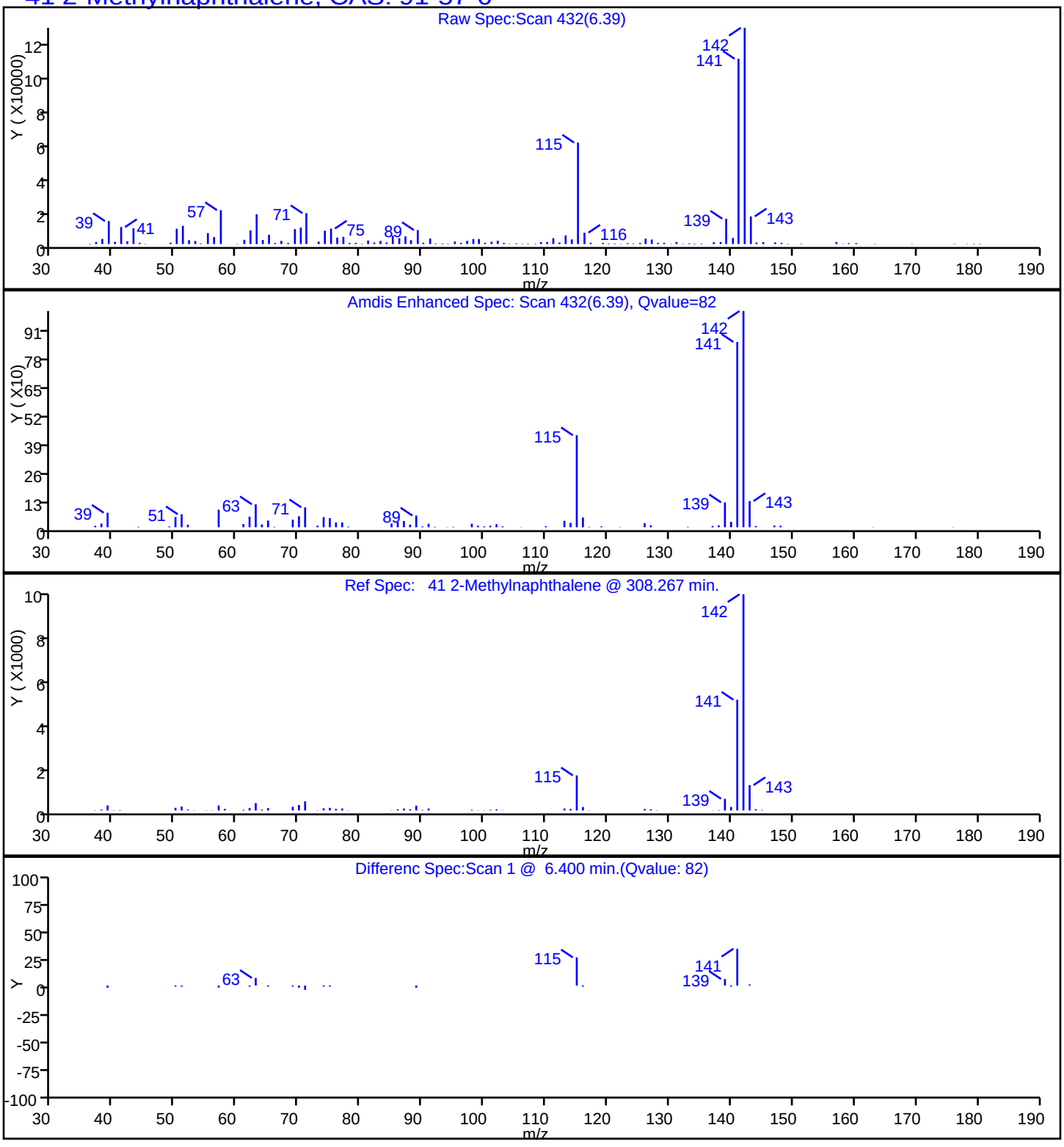
Report Date: 13-Mar-2014 09:17:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date:	12-Mar-2014 01:16:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-20-A	Lab Sample ID:	460-72174-20		
Client ID:	PMP-24SW-VD				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	20.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

41 2-Methylnaphthalene, CAS: 91-57-6



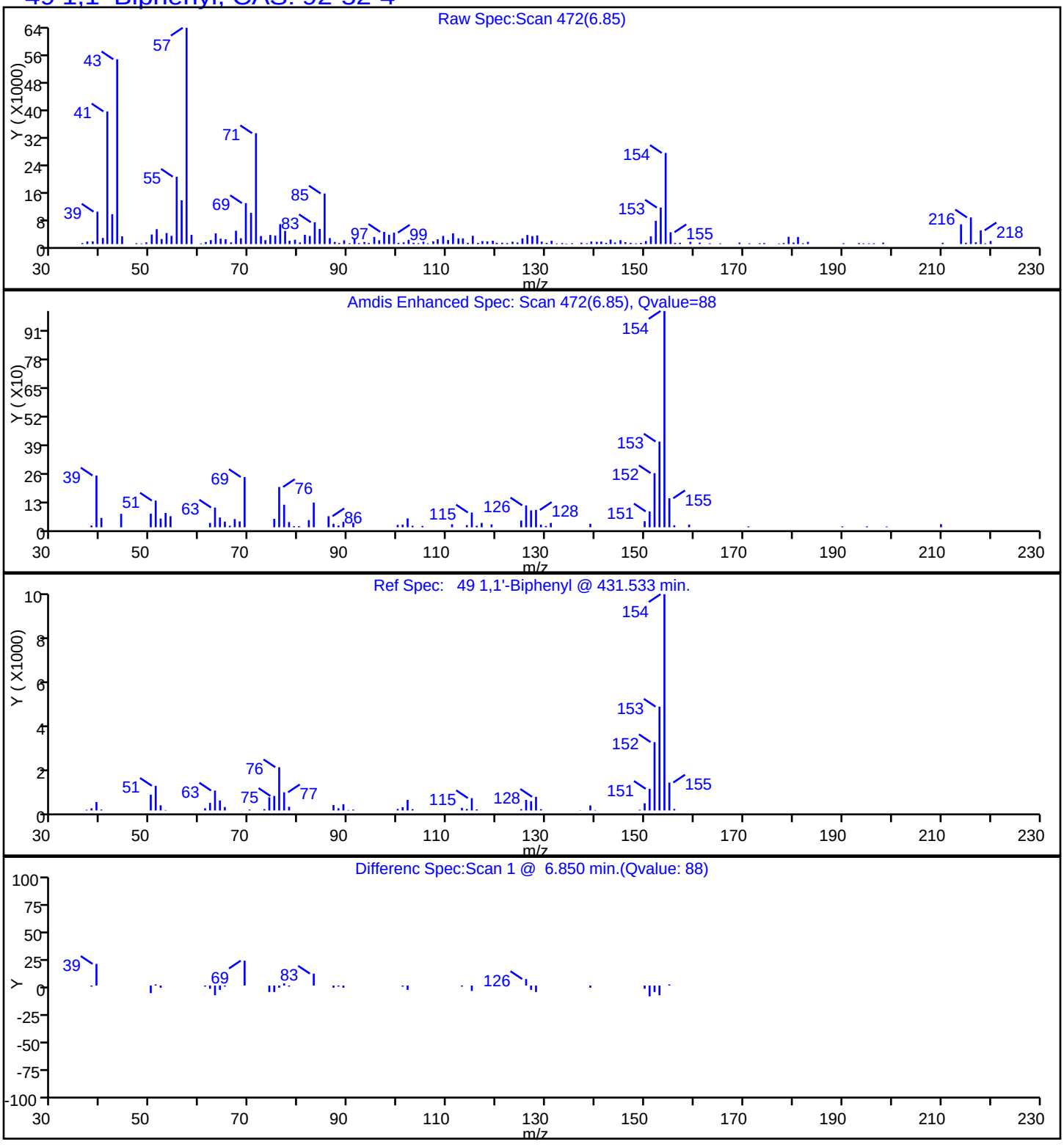
Report Date: 13-Mar-2014 09:17:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date:	12-Mar-2014 01:16:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-20-A	Lab Sample ID:	460-72174-20		
Client ID:	PMP-24SW-VD				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	20.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

49 1,1'-Biphenyl, CAS: 92-52-4



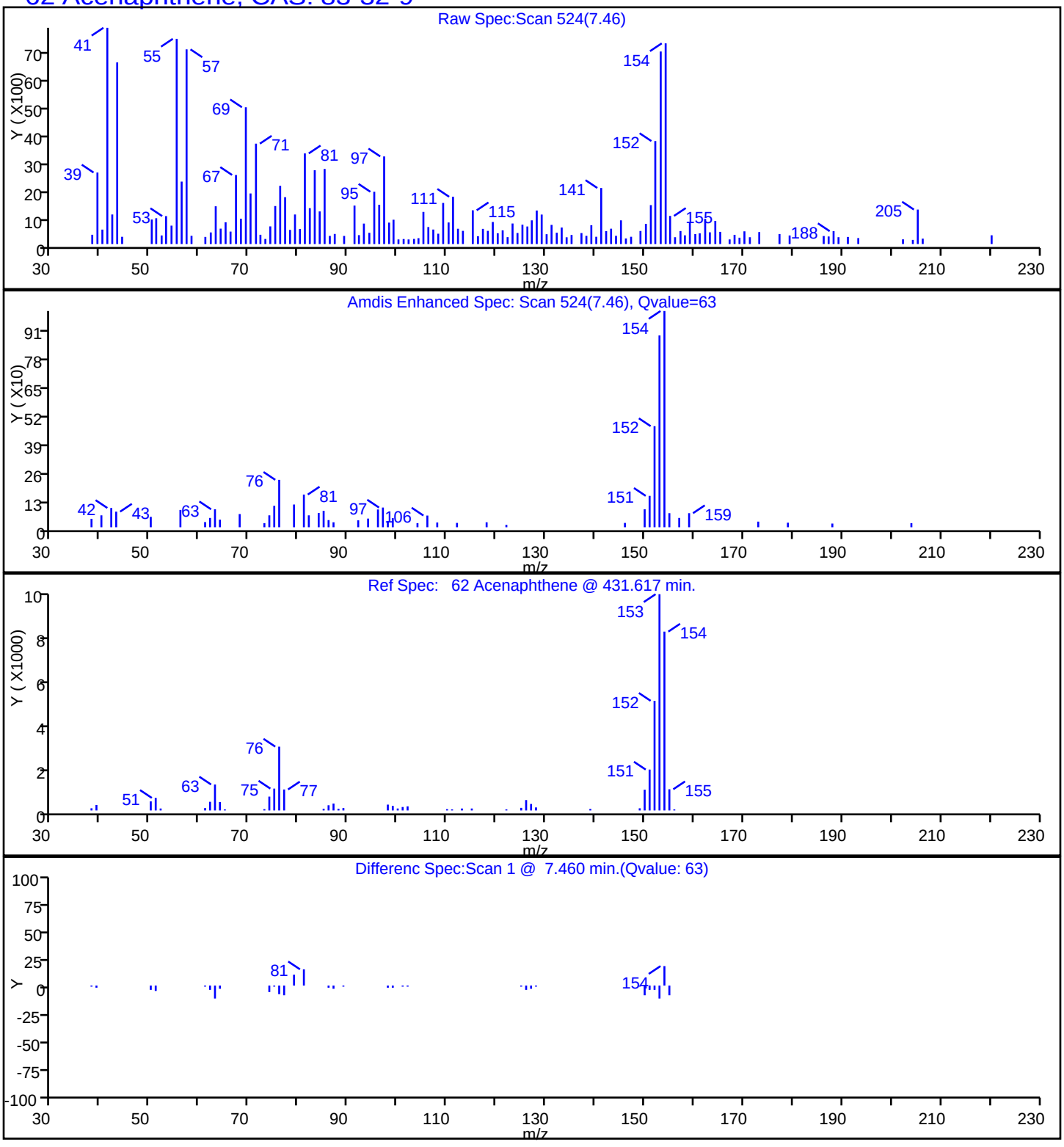
Report Date: 13-Mar-2014 09:17:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date:	12-Mar-2014 01:16:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-20-A	Lab Sample ID:	460-72174-20		
Client ID:	PMP-24SW-VD				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	20.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthene, CAS: 83-32-9



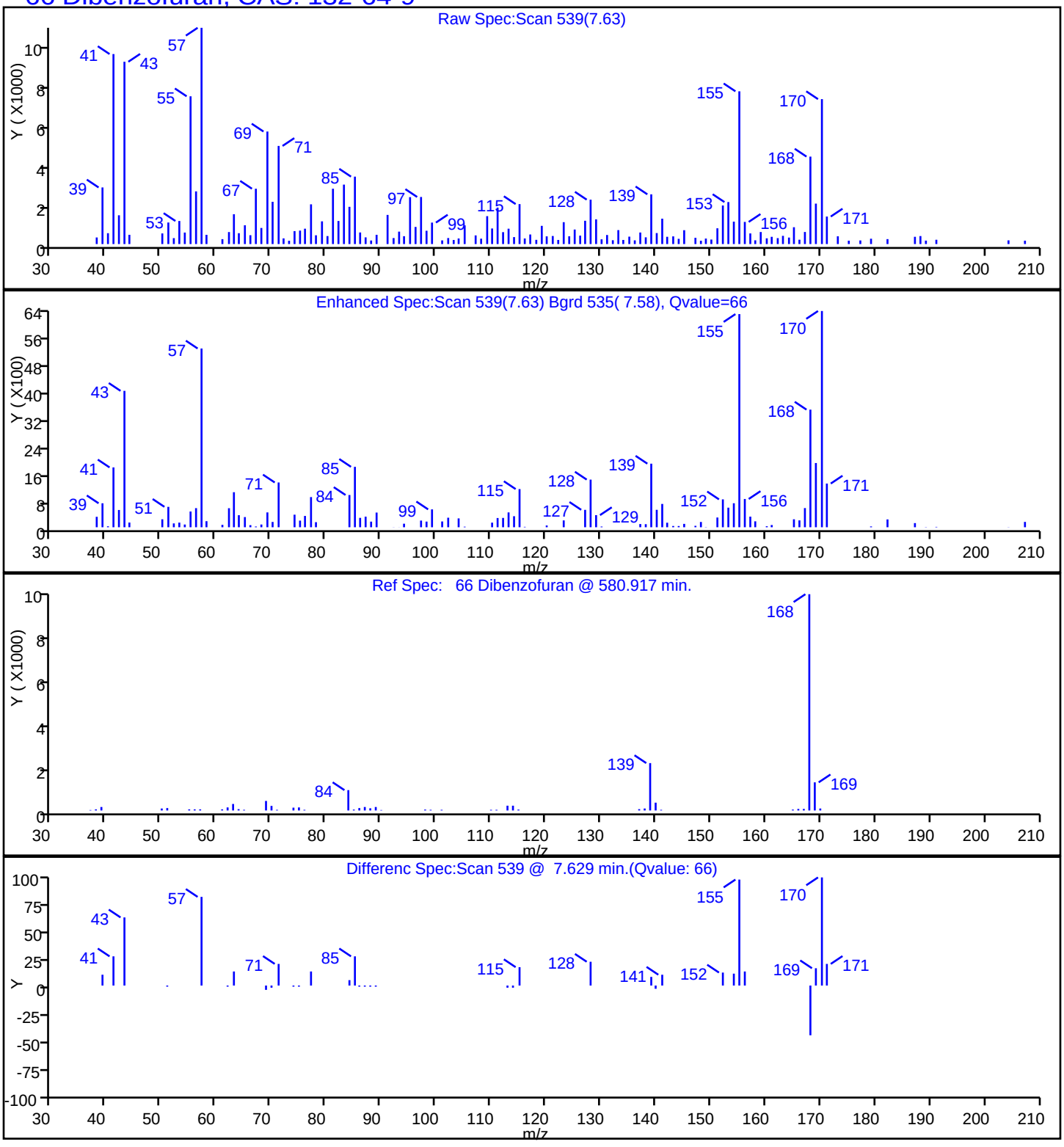
Report Date: 13-Mar-2014 09:17:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date:	12-Mar-2014 01:16:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-20-A	Lab Sample ID:	460-72174-20		
Client ID:	PMP-24SW-VD				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	20.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 Dibenzofuran, CAS: 132-64-9



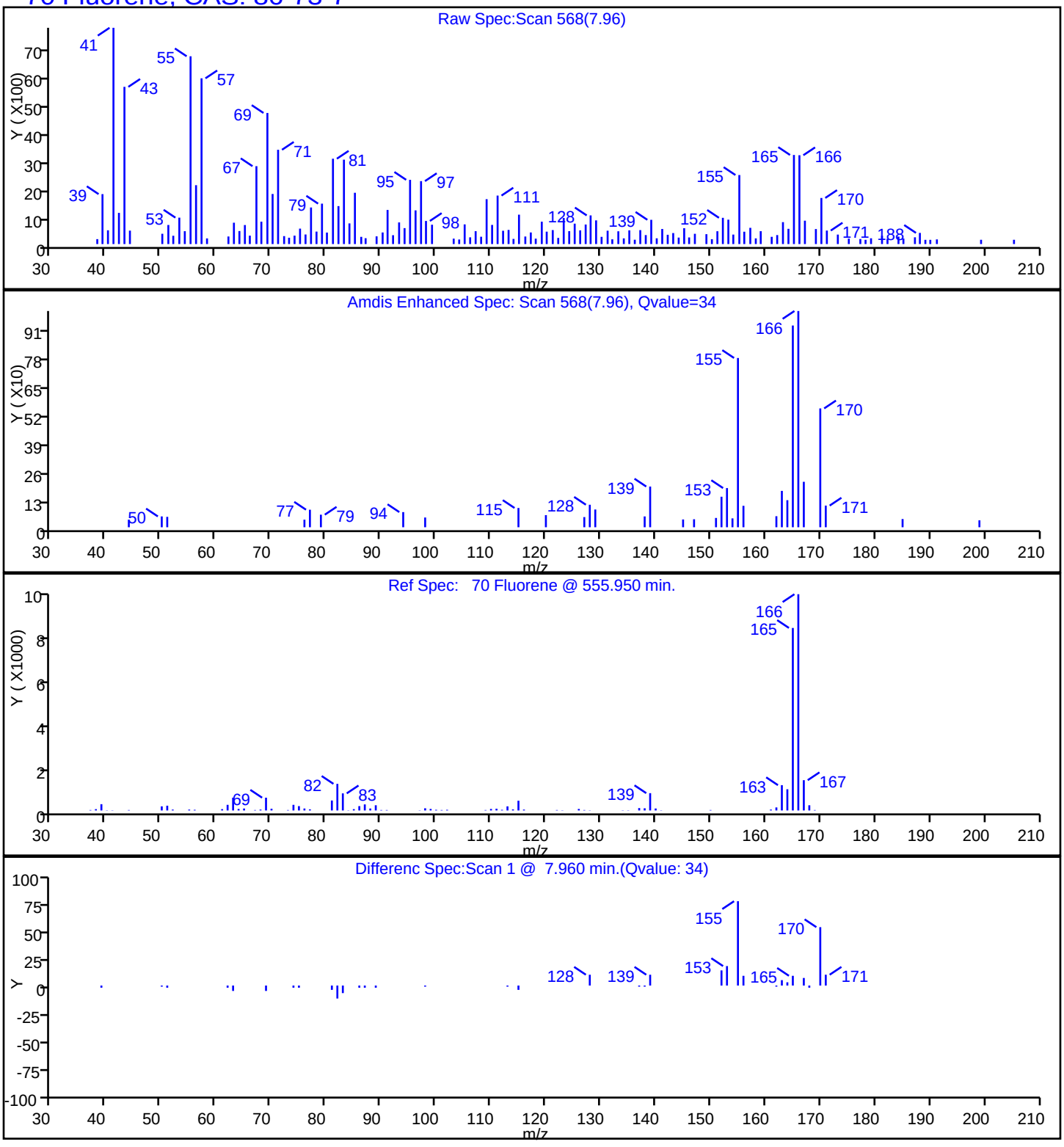
Report Date: 13-Mar-2014 09:17:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date:	12-Mar-2014 01:16:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-20-A	Lab Sample ID:	460-72174-20		
Client ID:	PMP-24SW-VD				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	20.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

70 Fluorene, CAS: 86-73-7



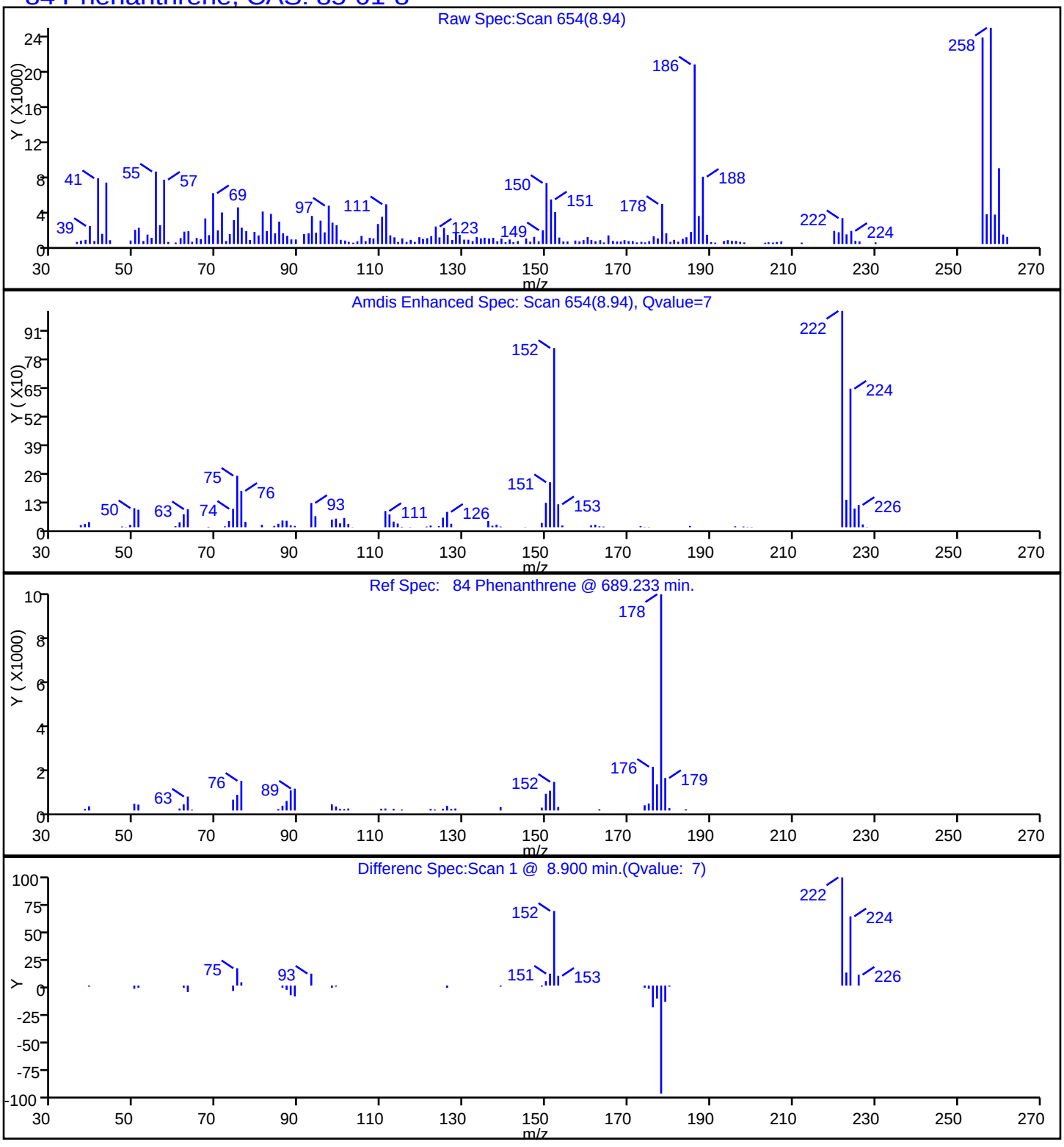
Report Date: 13-Mar-2014 09:17:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date:	12-Mar-2014 01:16:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-20-A	Lab Sample ID:	460-72174-20		
Client ID:	PMP-24SW-VD				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	20.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

84 Phenanthrene, CAS: 85-01-8



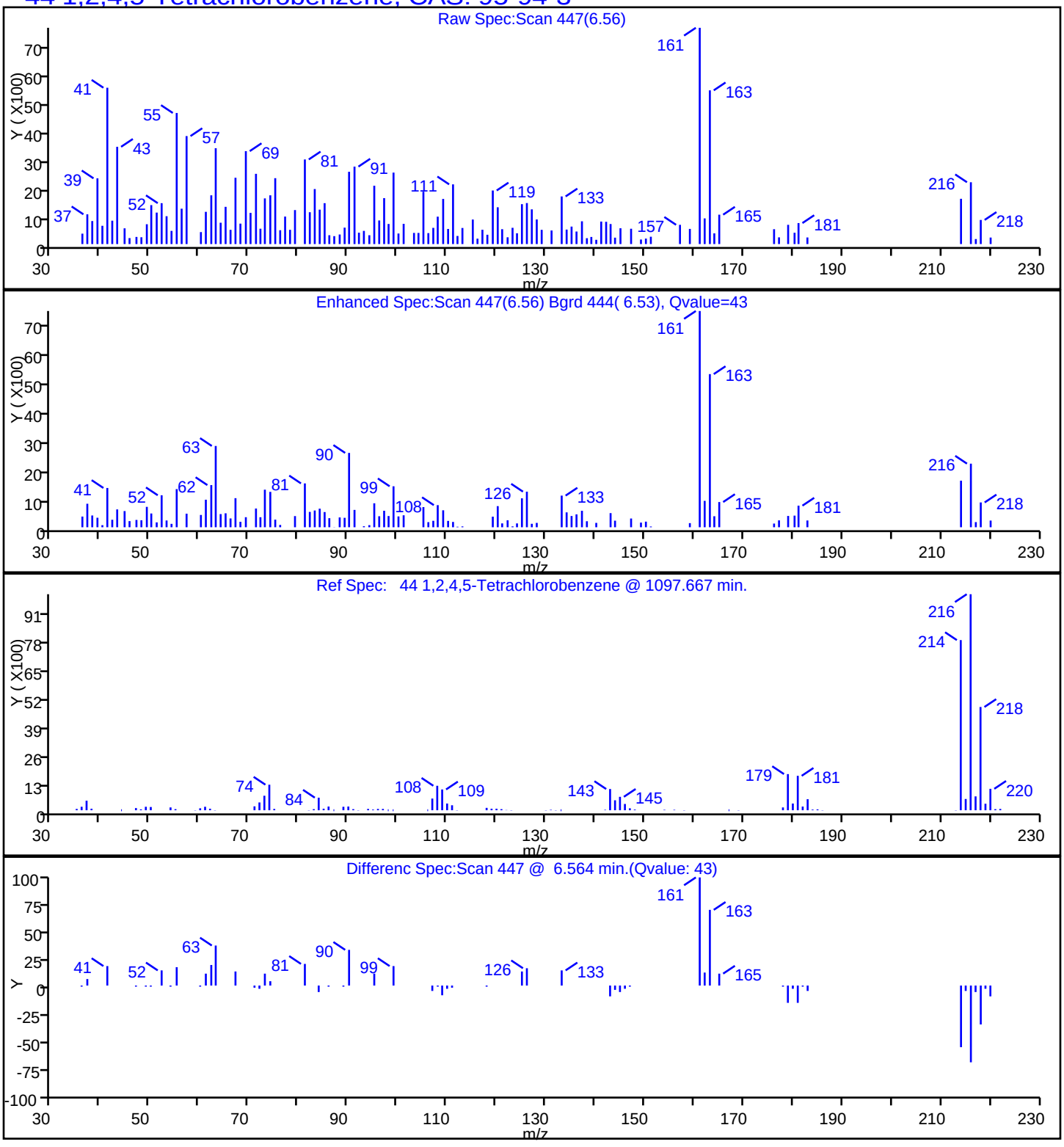
Report Date: 13-Mar-2014 09:17:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date:	12-Mar-2014 01:16:30	Instrument ID:	CBNAMS4		
Lims ID:	460-72174-E-20-A	Lab Sample ID:	460-72174-20		
Client ID:	PMP-24SW-VD				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	20.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

44 1,2,4,5-Tetrachlorobenzene, CAS: 95-94-3



Report Date: 13-Mar-2014 09:17:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date: 12-Mar-2014 01:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

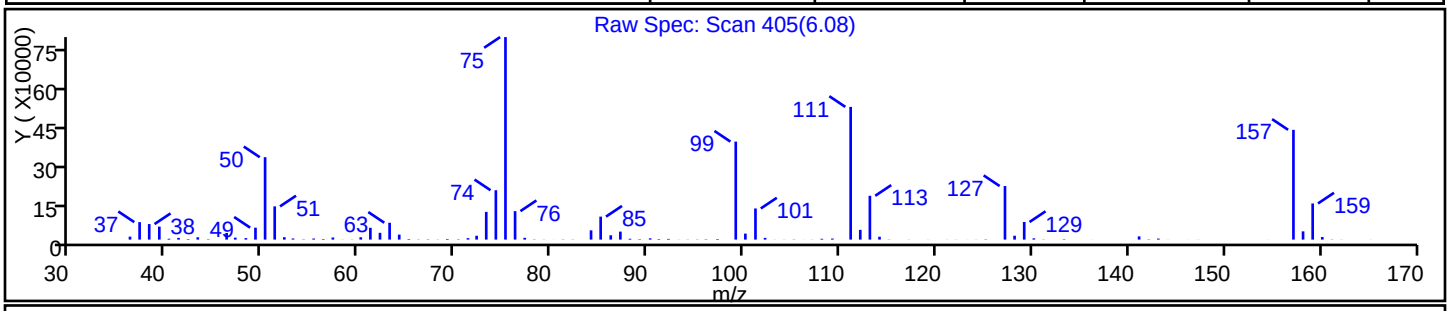
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26

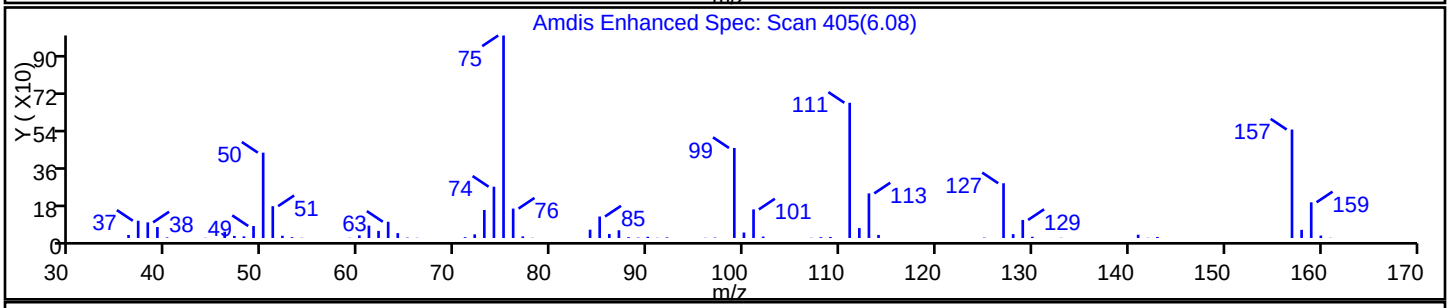
Injection Vol: 1.0 ul Dil. Factor: 20.0000

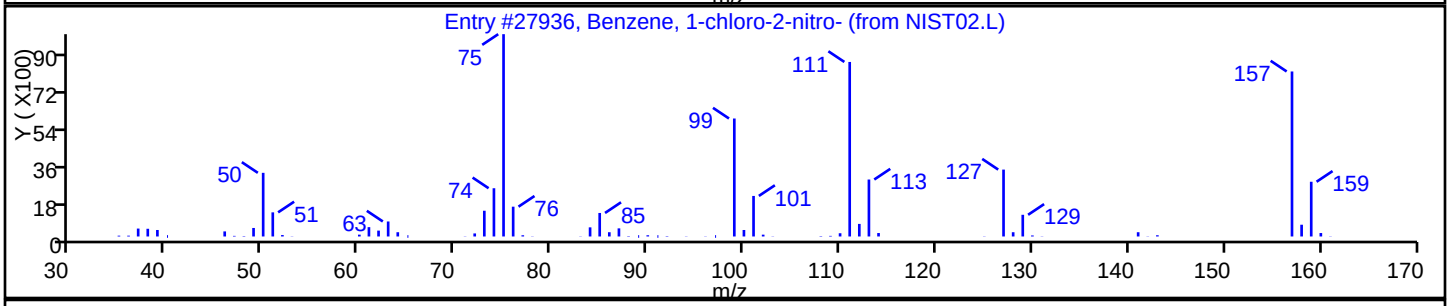
Method: 8270_4R Limit Group: SV 8270 ICAL

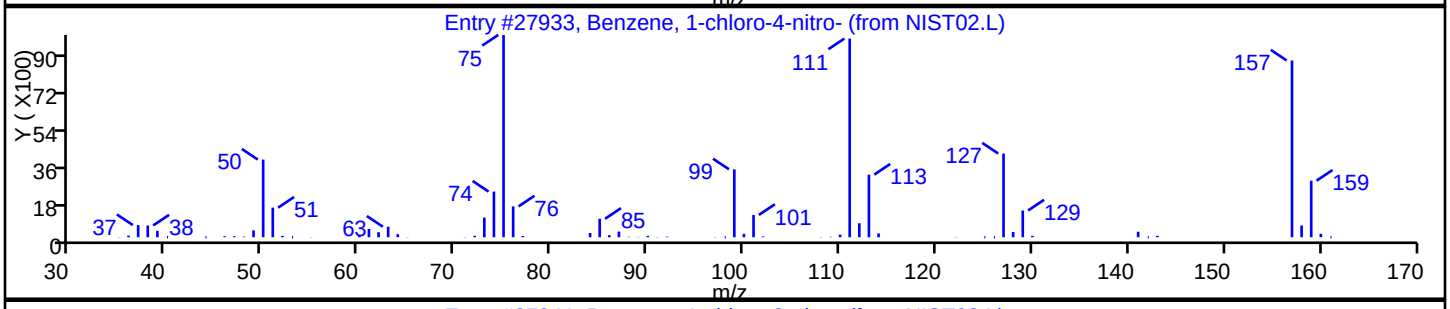
Column: Detector MS SCAN

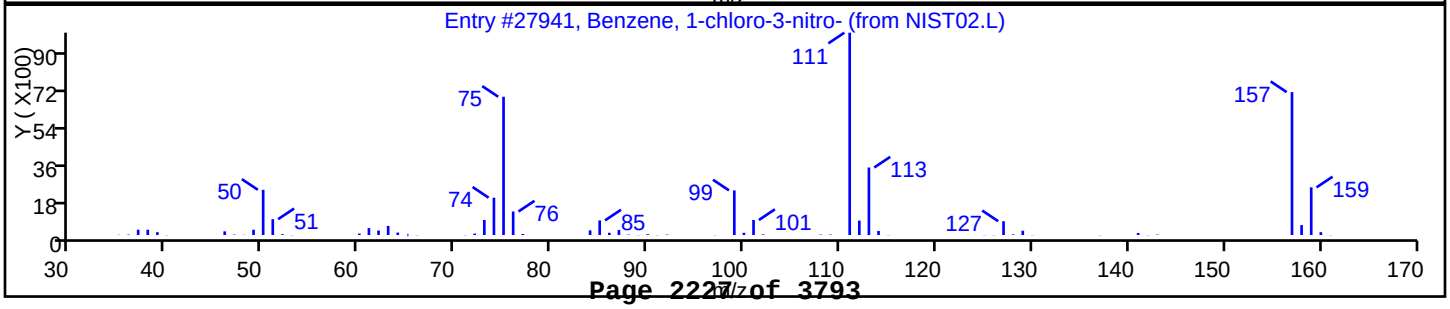
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.L	27936	C6H4ClNO2	157	98
Benzene, 1-chloro-4-nitro-	100-00-5	NIST02.L	27933	C6H4ClNO2	157	97
Benzene, 1-chloro-3-nitro-	121-73-3	NIST02.L	27941	C6H4ClNO2	157	94











Report Date: 13-Mar-2014 09:17:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date: 12-Mar-2014 01:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

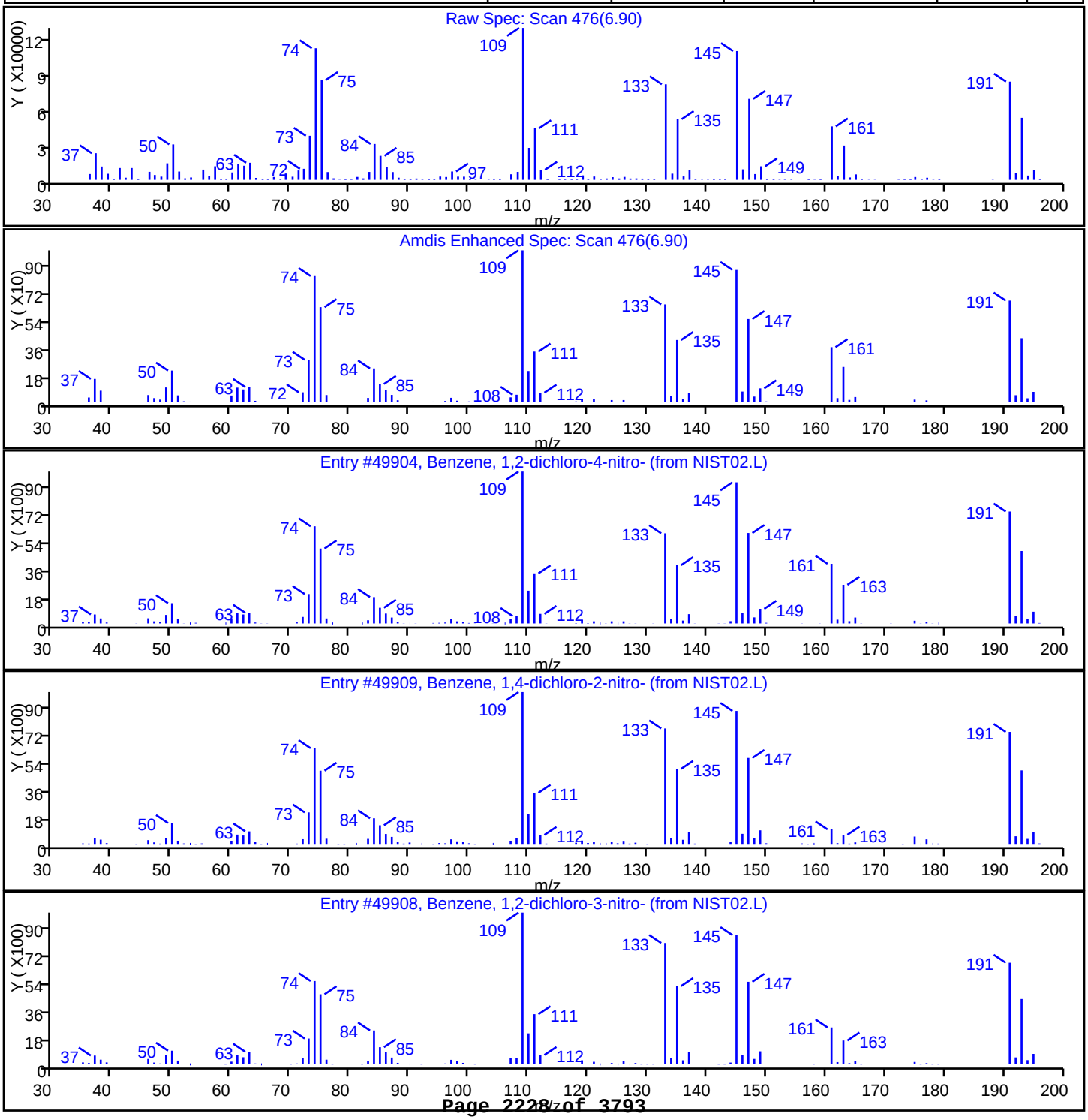
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26

Injection Vol: 1.0 ul Dil. Factor: 20.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2-dichloro-4-nitro-	99-54-7	NIST02.L	49904	C6H3Cl2NO	191	99
Benzene, 1,4-dichloro-2-nitro-	89-61-2	NIST02.L	49909	C6H3Cl2NO	191	99
Benzene, 1,2-dichloro-3-nitro-	3209-22-1	NIST02.L	49908	C6H3Cl2NO	191	98



Report Date: 13-Mar-2014 09:17:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date: 12-Mar-2014 01:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

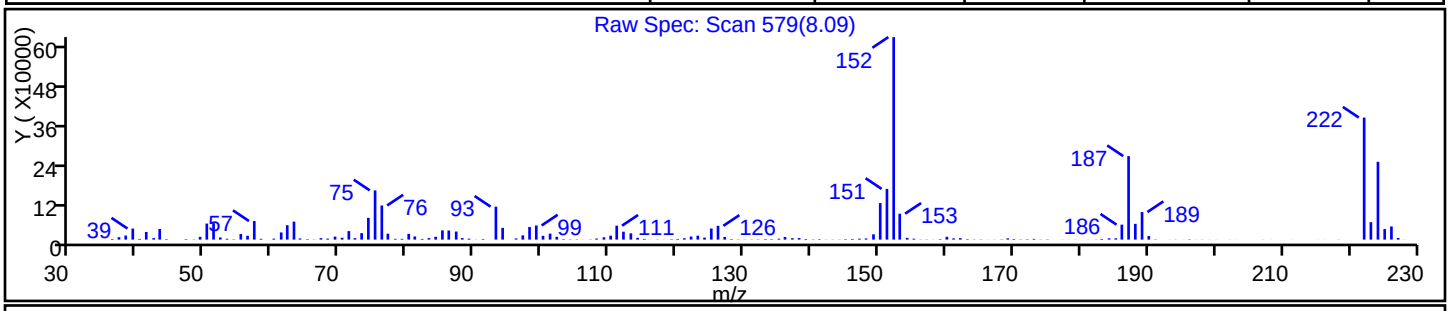
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26

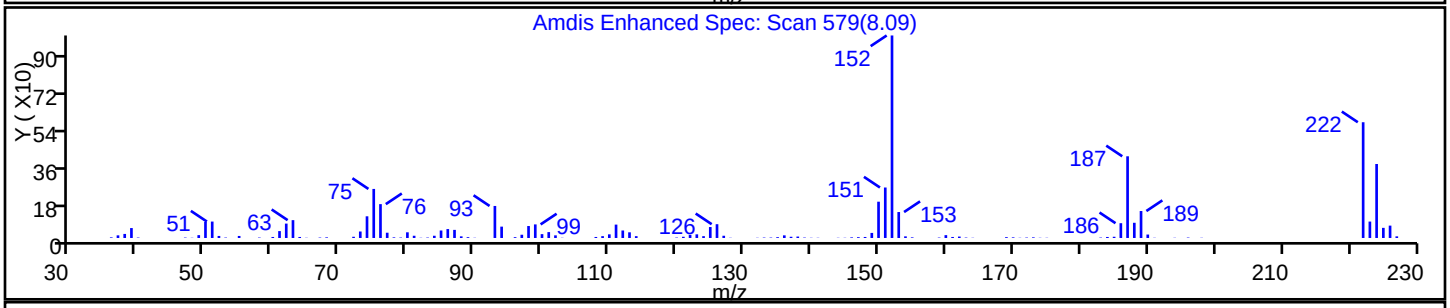
Injection Vol: 1.0 ul Dil. Factor: 20.0000

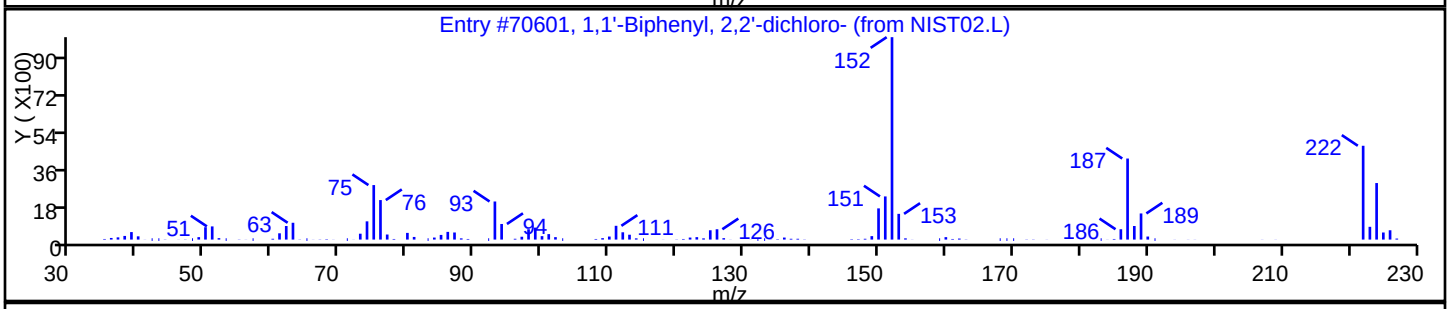
Method: 8270_4R Limit Group: SV 8270 ICAL

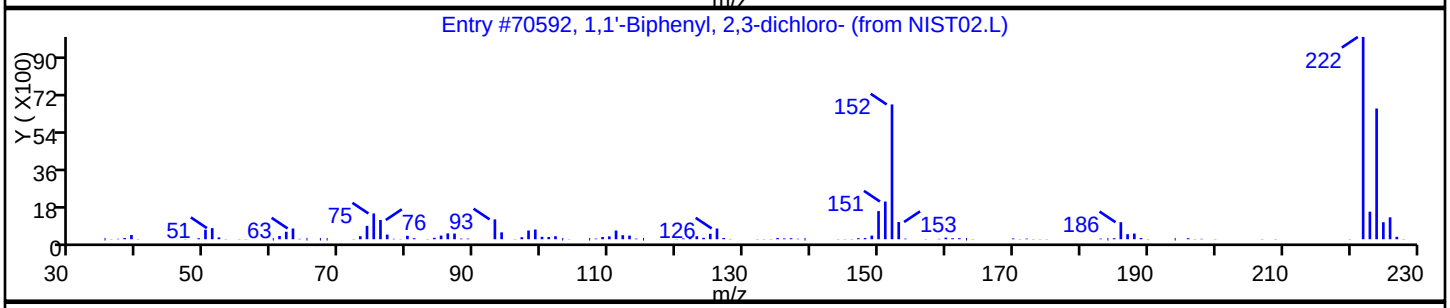
Column: Detector MS SCAN

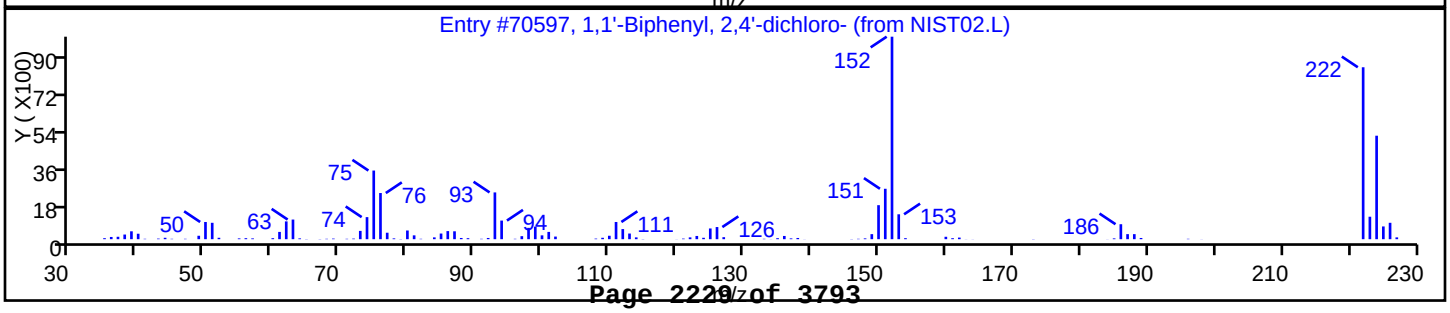
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.L	70601	C12H8Cl2	222	99
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.L	70592	C12H8Cl2	222	99
1,1'-Biphenyl, 2,4'-dichloro-	34883-43-7	NIST02.L	70597	C12H8Cl2	222	98











Report Date: 13-Mar-2014 09:17:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date: 12-Mar-2014 01:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

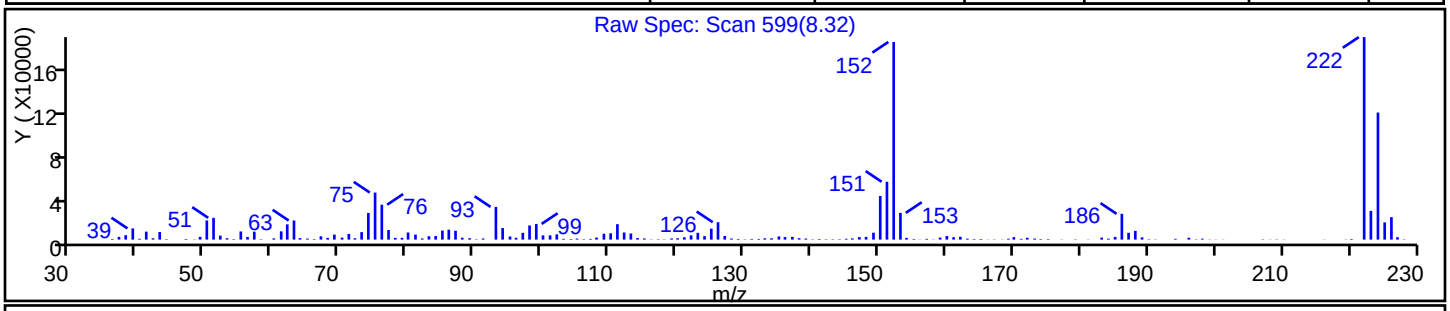
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26

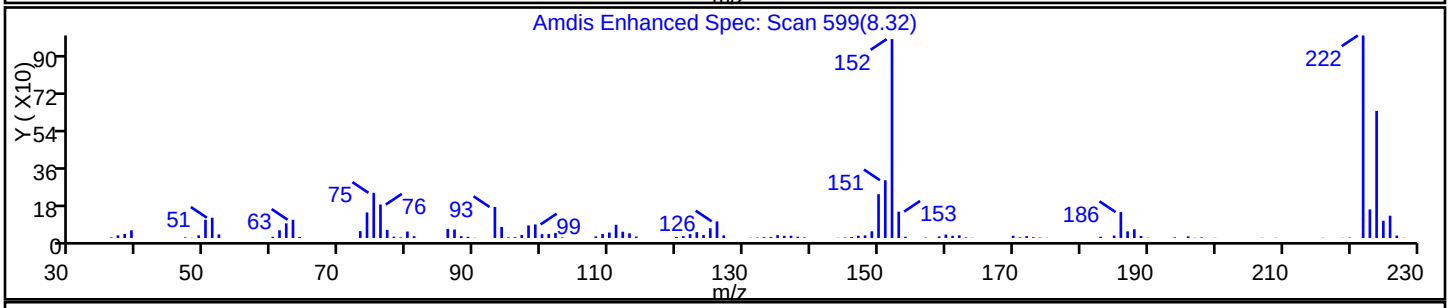
Injection Vol: 1.0 ul Dil. Factor: 20.0000

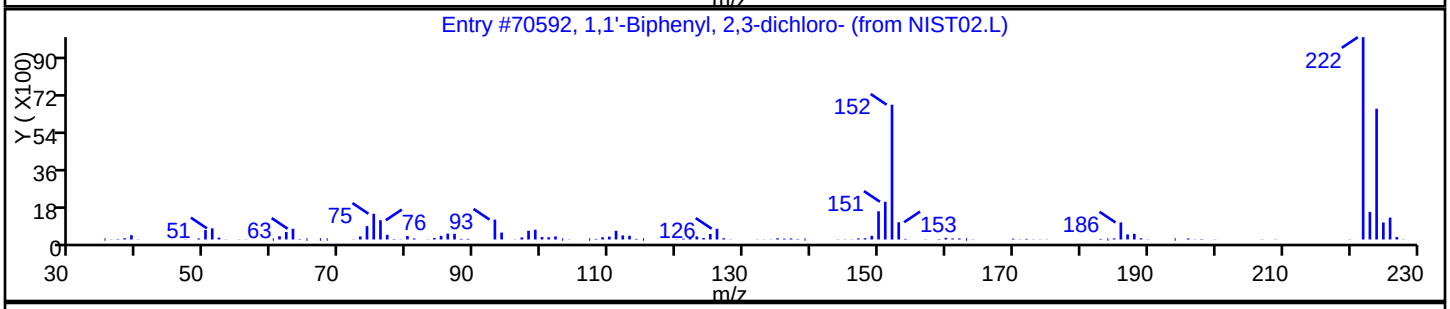
Method: 8270_4R Limit Group: SV 8270 ICAL

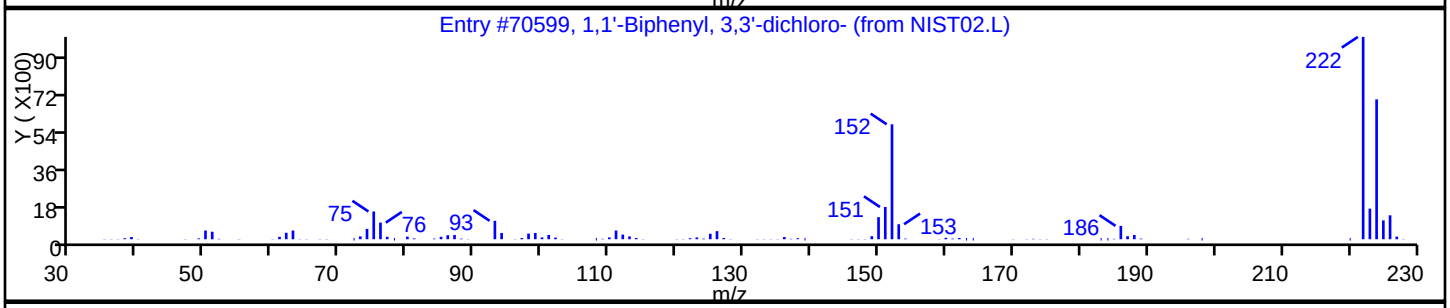
Column: Detector MS SCAN

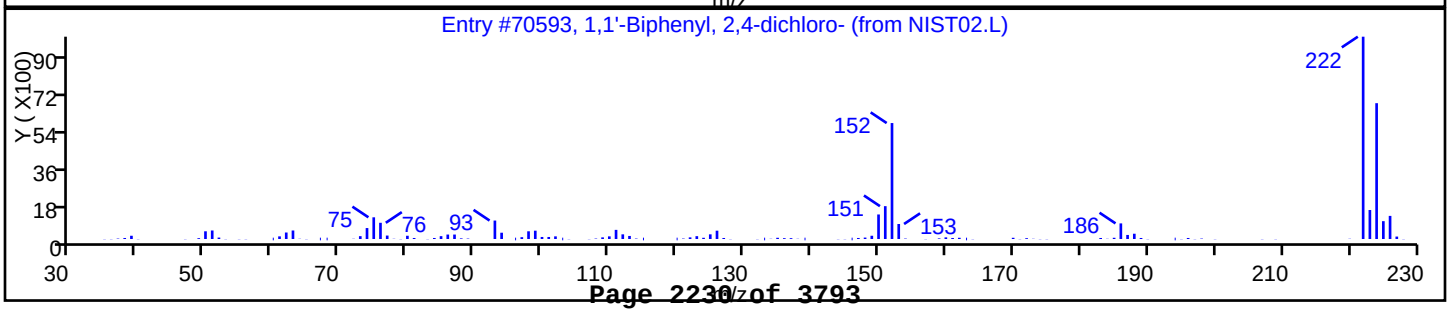
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.L	70592	C12H8Cl2	222	99
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.L	70599	C12H8Cl2	222	99
1,1'-Biphenyl, 2,4-dichloro-	33284-50-3	NIST02.L	70593	C12H8Cl2	222	99











Report Date: 13-Mar-2014 09:17:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date: 12-Mar-2014 01:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

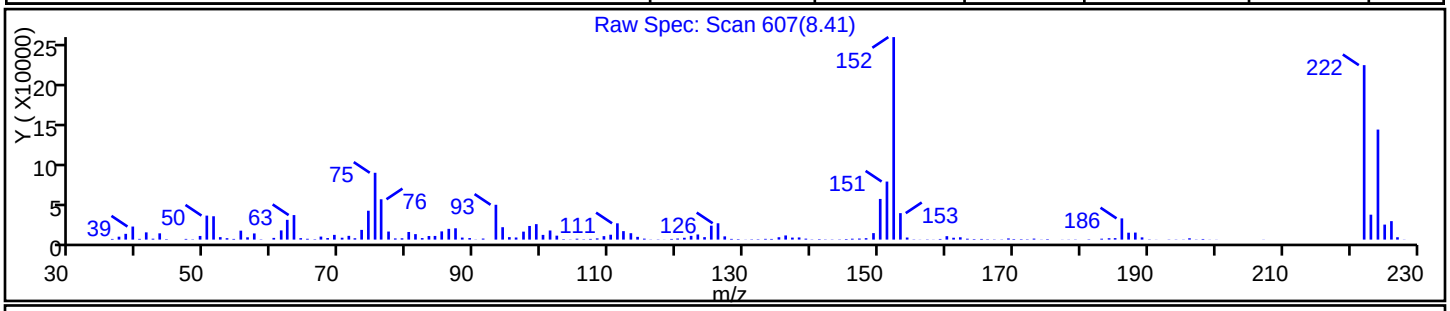
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26

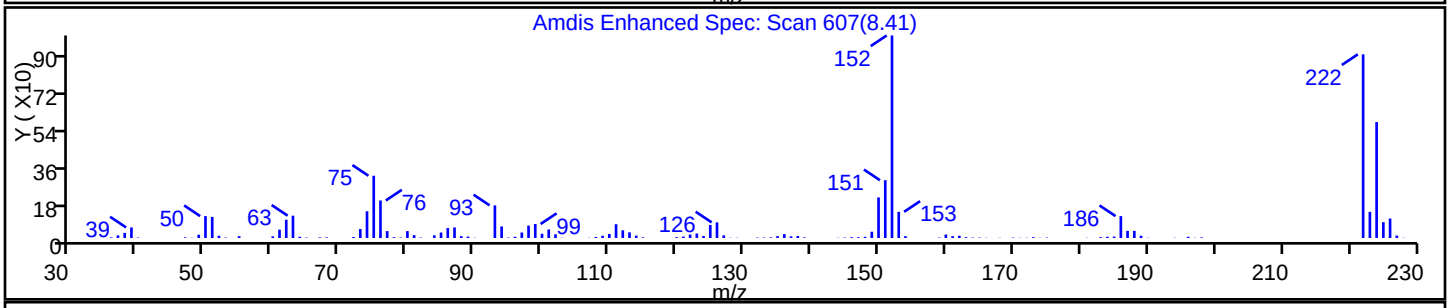
Injection Vol: 1.0 ul Dil. Factor: 20.0000

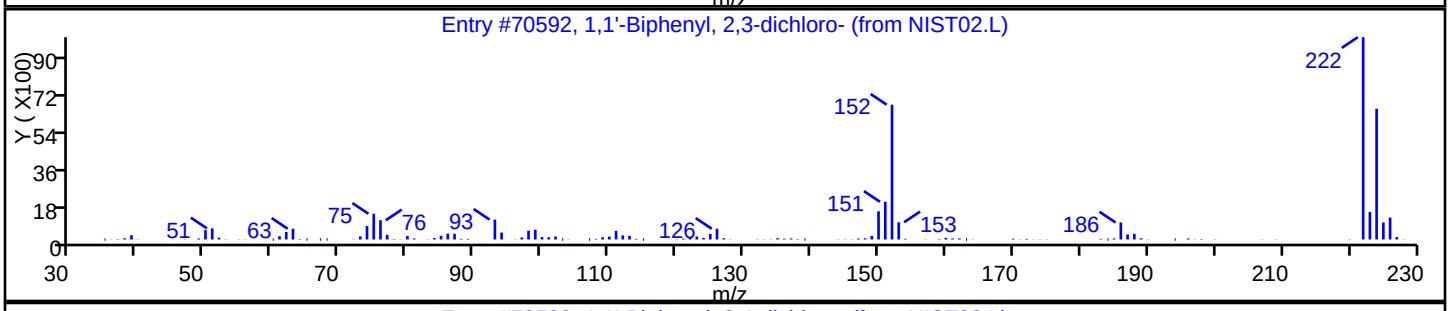
Method: 8270_4R Limit Group: SV 8270 ICAL

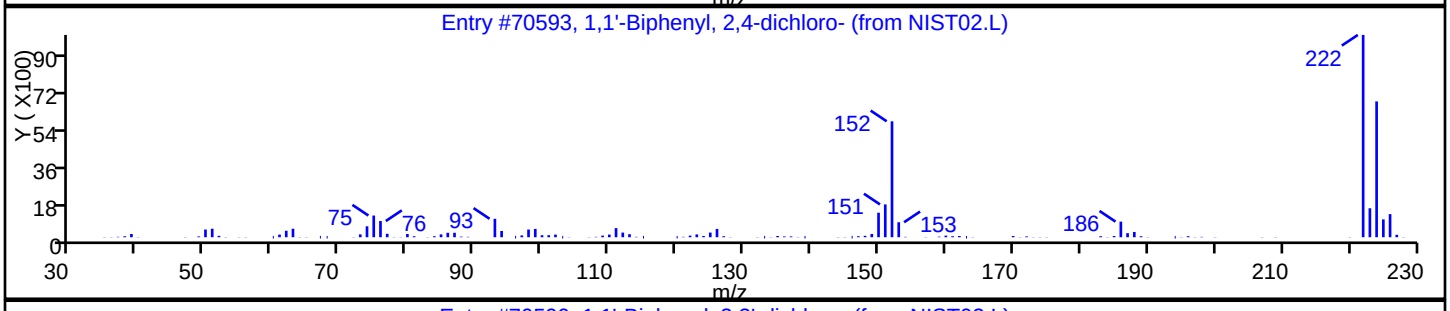
Column: Detector MS SCAN

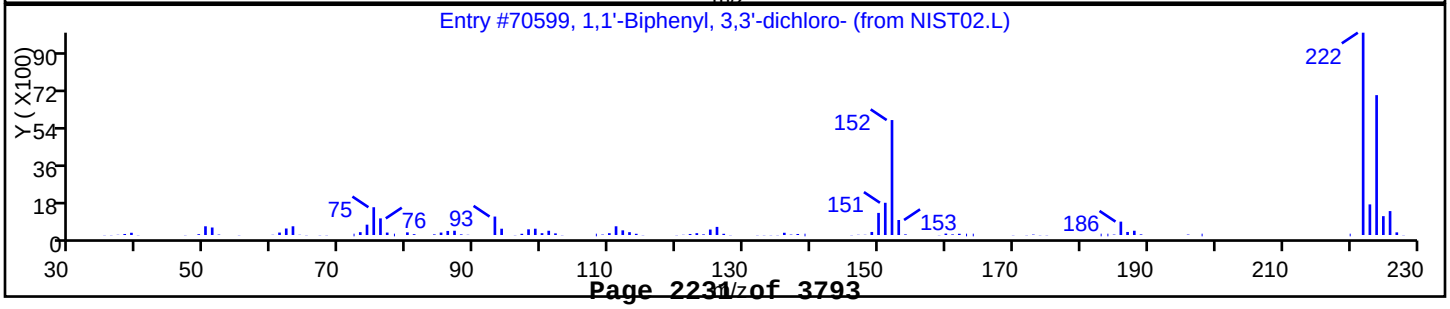
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.L	70592	C12H8Cl2	222	99
1,1'-Biphenyl, 2,4-dichloro-	33284-50-3	NIST02.L	70593	C12H8Cl2	222	99
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.L	70599	C12H8Cl2	222	99











Report Date: 13-Mar-2014 09:17:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date: 12-Mar-2014 01:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

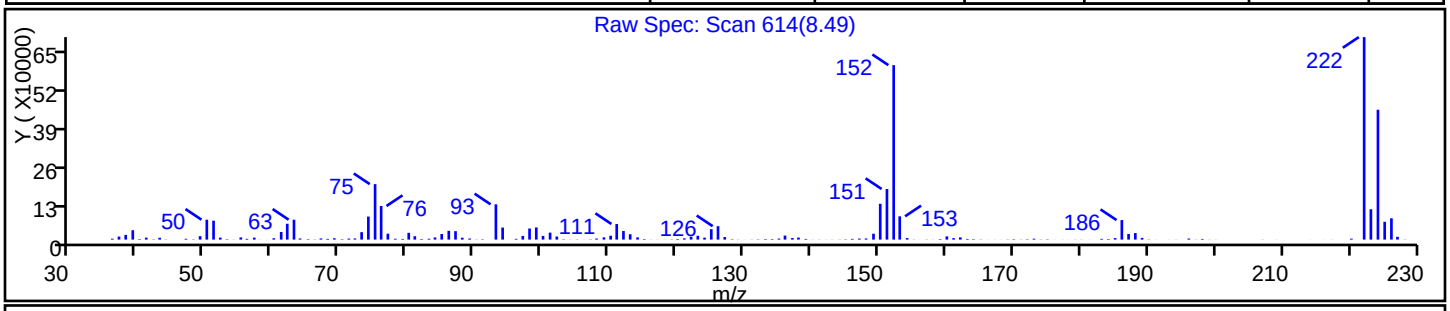
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26

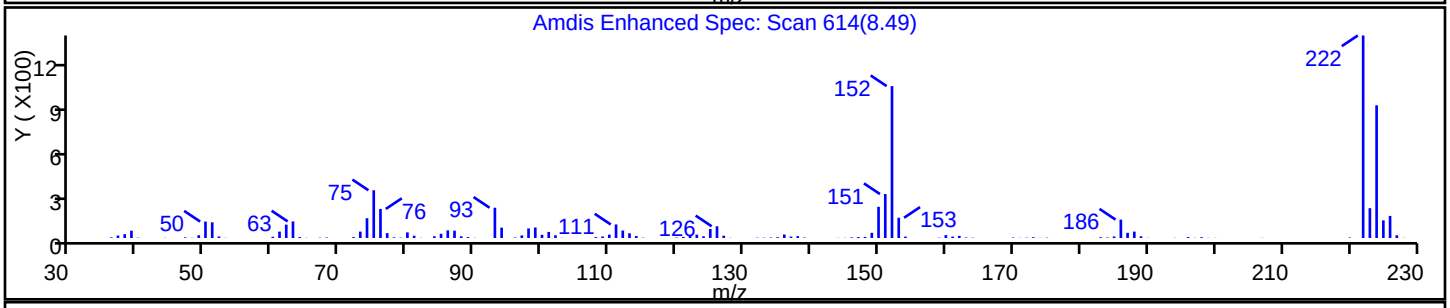
Injection Vol: 1.0 ul Dil. Factor: 20.0000

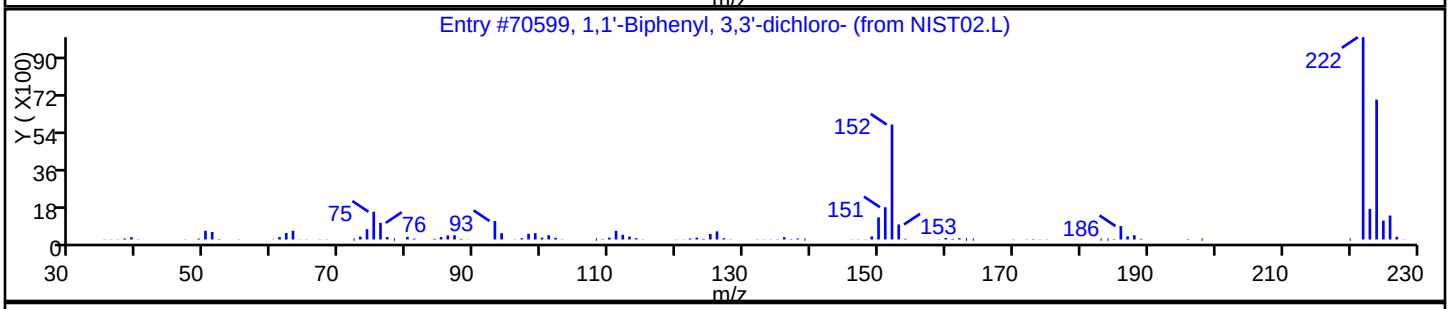
Method: 8270_4R Limit Group: SV 8270 ICAL

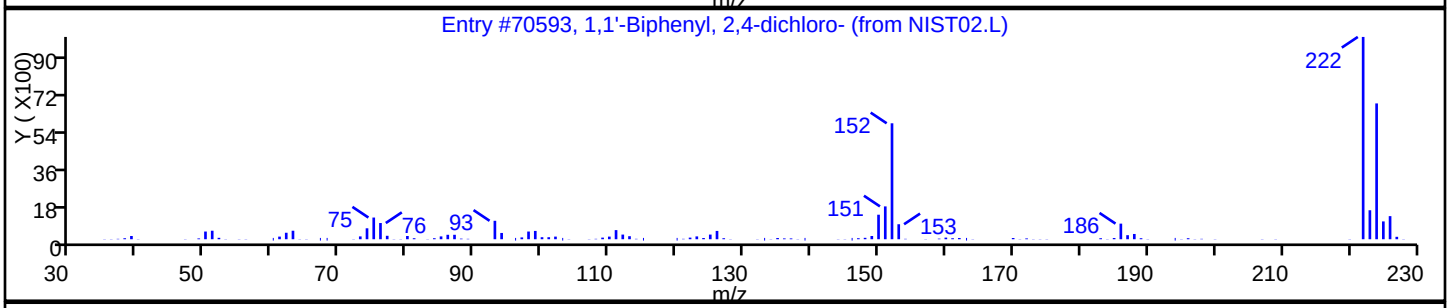
Column: Detector MS SCAN

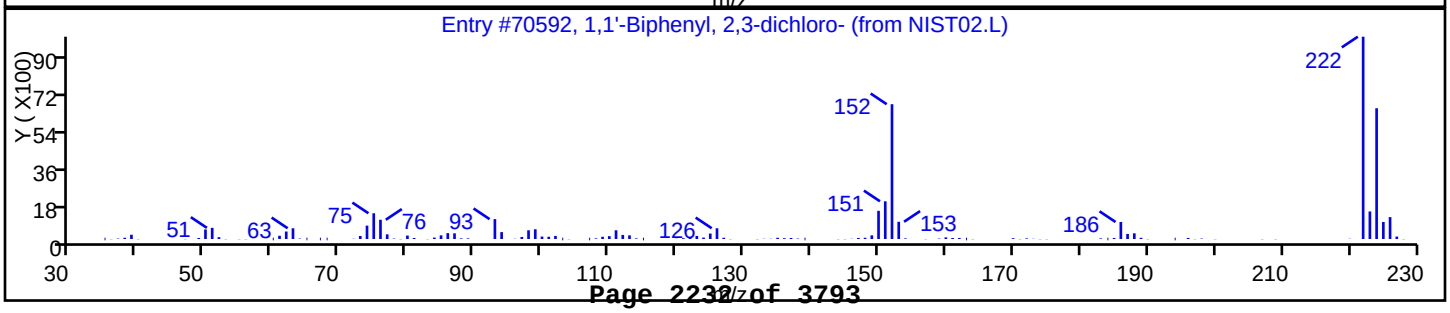
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.L	70599	C12H8Cl2	222	99
1,1'-Biphenyl, 2,4-dichloro-	33284-50-3	NIST02.L	70593	C12H8Cl2	222	99
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.L	70592	C12H8Cl2	222	99











Report Date: 13-Mar-2014 09:17:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date: 12-Mar-2014 01:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

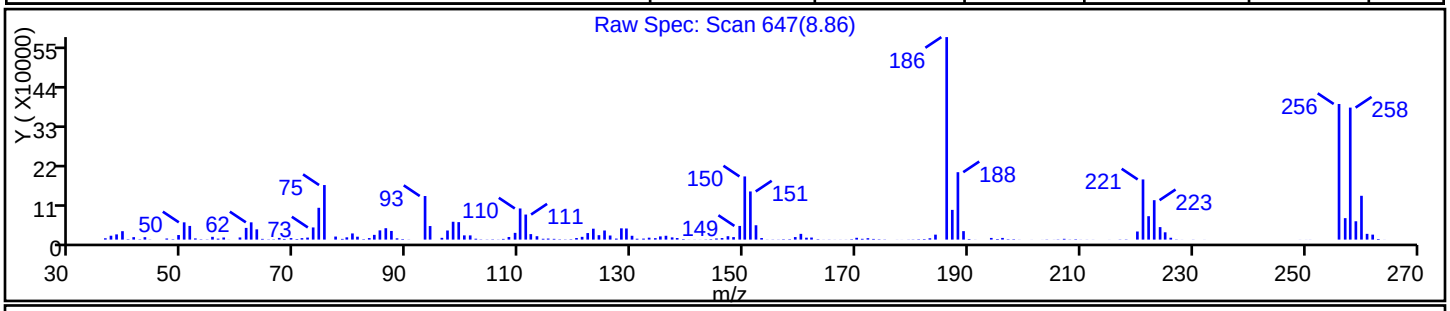
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26

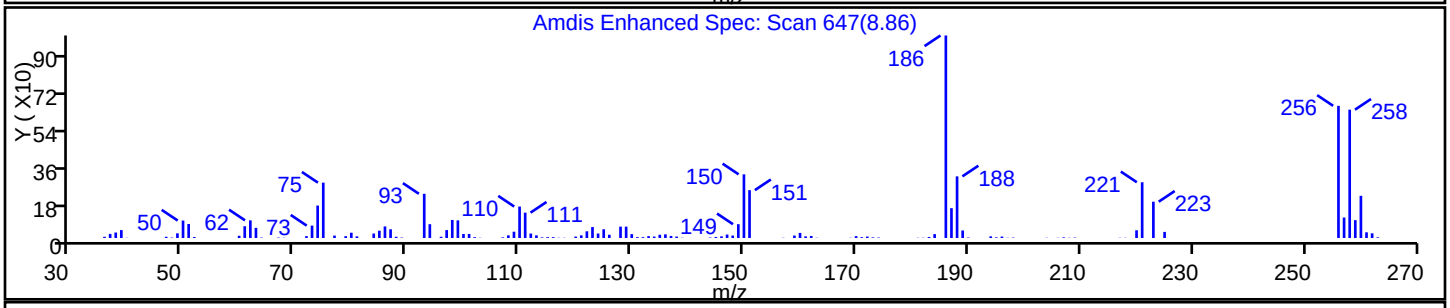
Injection Vol: 1.0 ul Dil. Factor: 20.0000

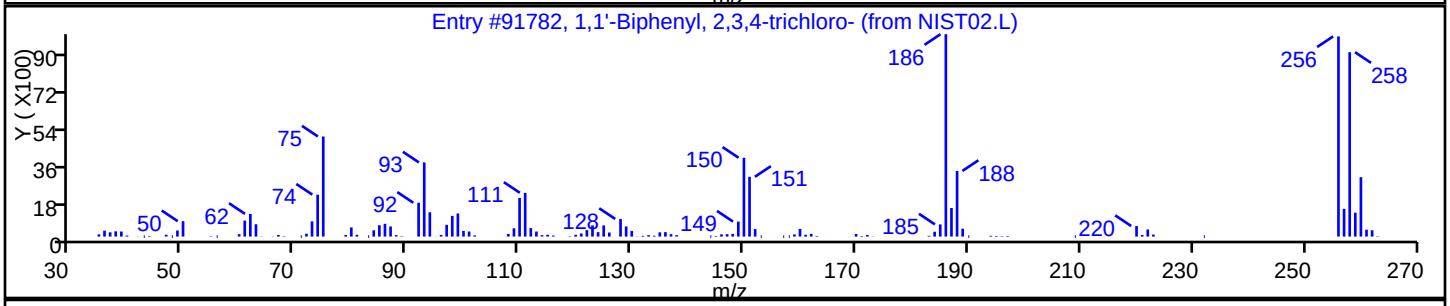
Method: 8270_4R Limit Group: SV 8270 ICAL

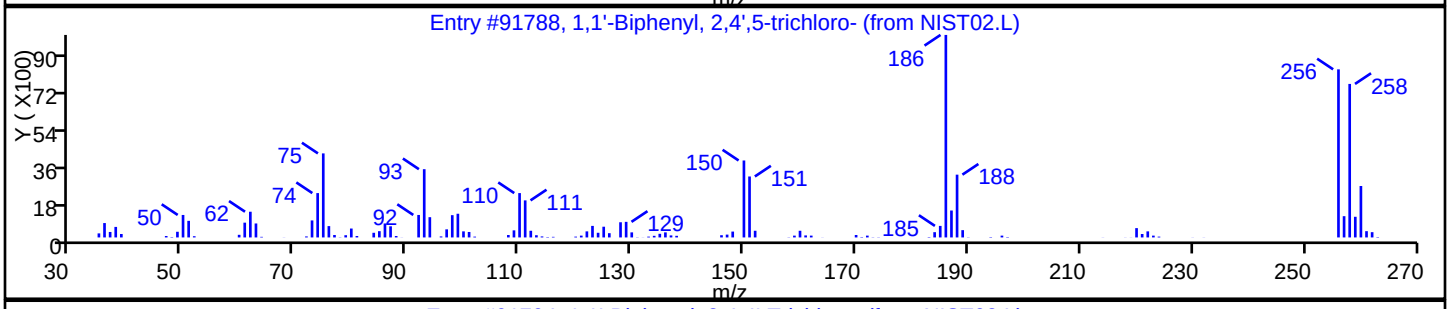
Column: Detector MS SCAN

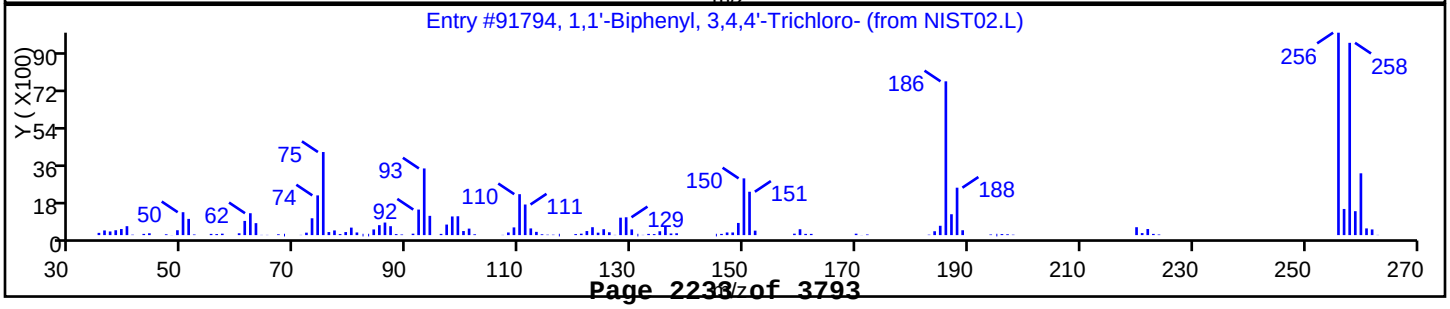
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	C12H7Cl3	256	99
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	99
1,1'-Biphenyl, 3,4,4'-Trichloro-	38444-90-5	NIST02.L	91794	C12H7Cl3	256	99











Report Date: 13-Mar-2014 09:17:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date: 12-Mar-2014 01:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

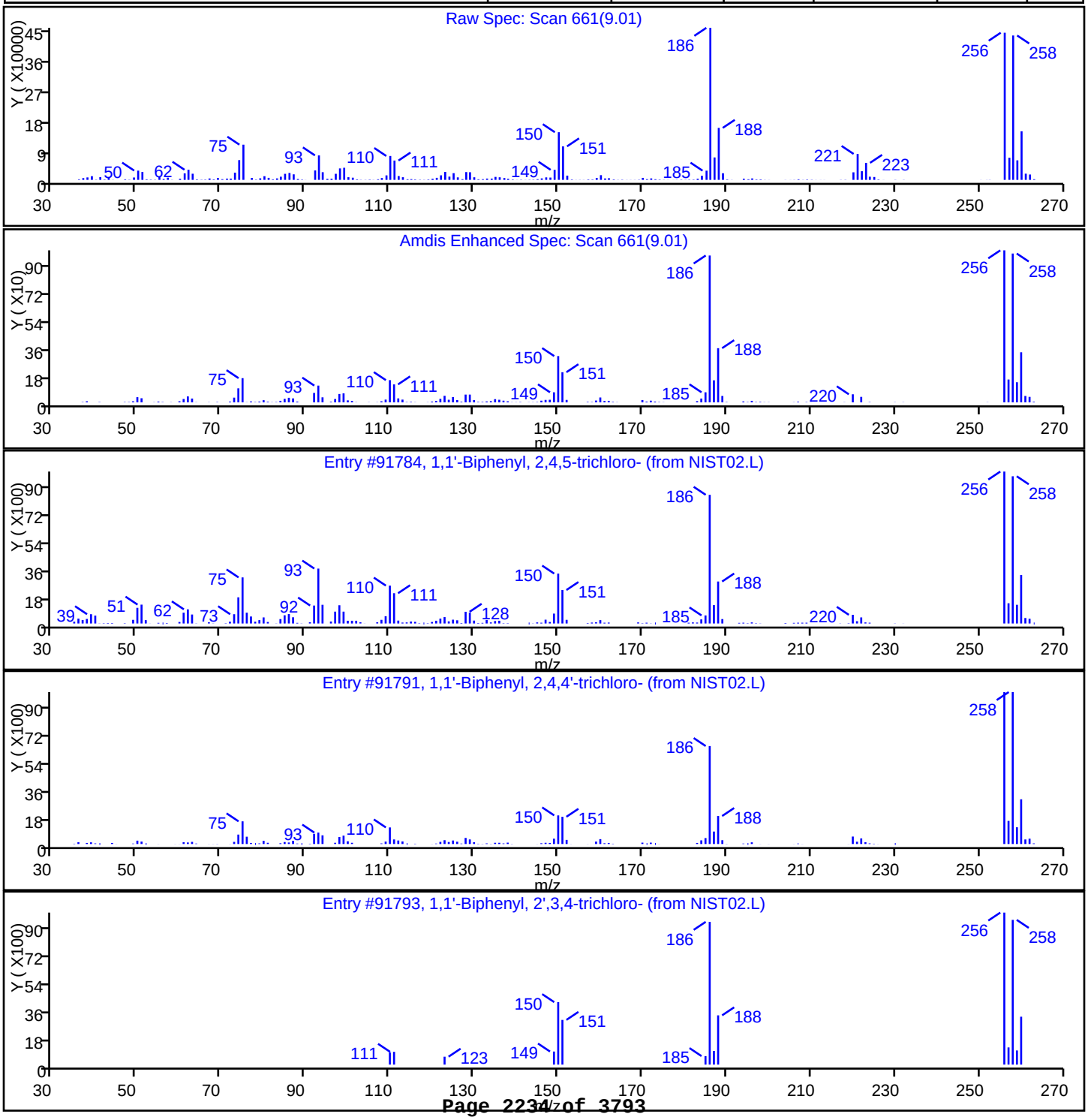
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26

Injection Vol: 1.0 ul Dil. Factor: 20.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.L	91784	C12H7Cl3	256	98
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	98
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	97



Report Date: 13-Mar-2014 09:17:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date: 12-Mar-2014 01:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

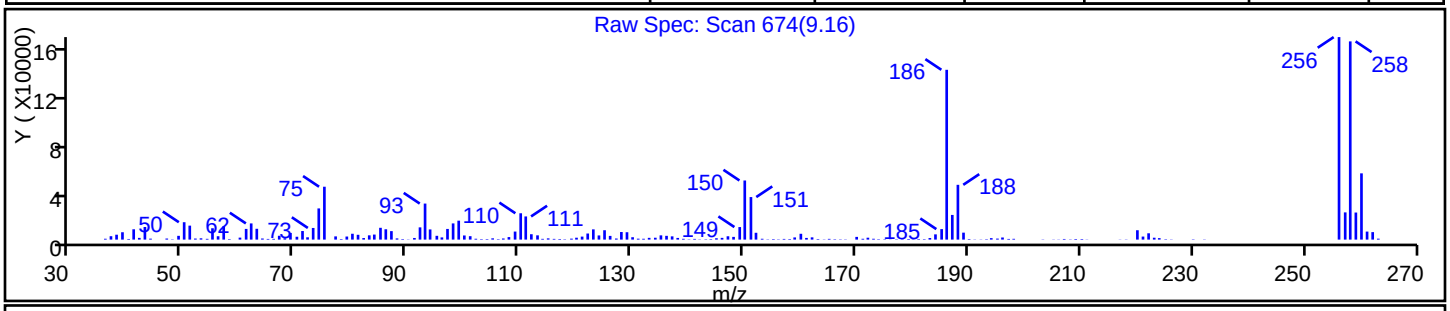
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26

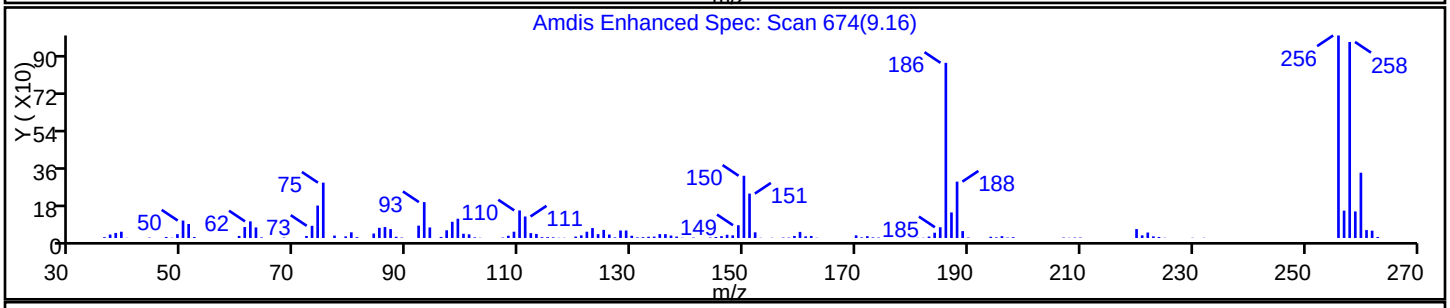
Injection Vol: 1.0 ul Dil. Factor: 20.0000

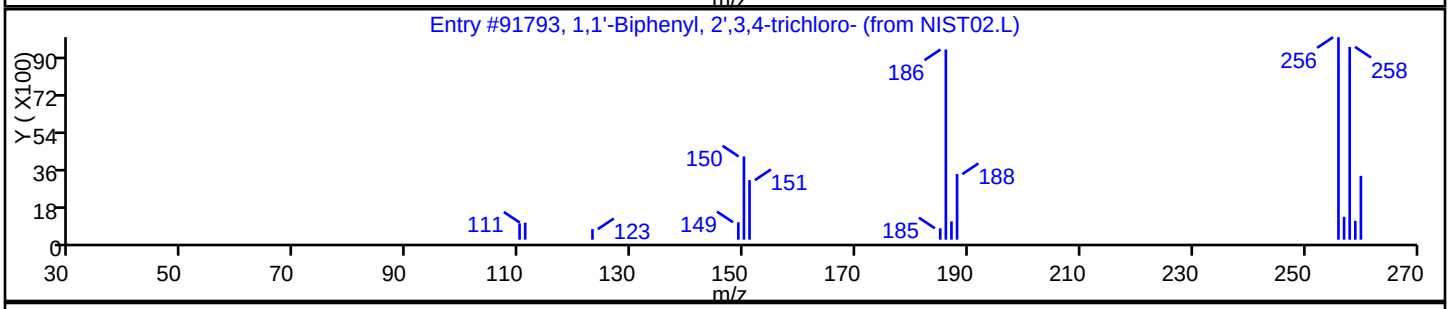
Method: 8270_4R Limit Group: SV 8270 ICAL

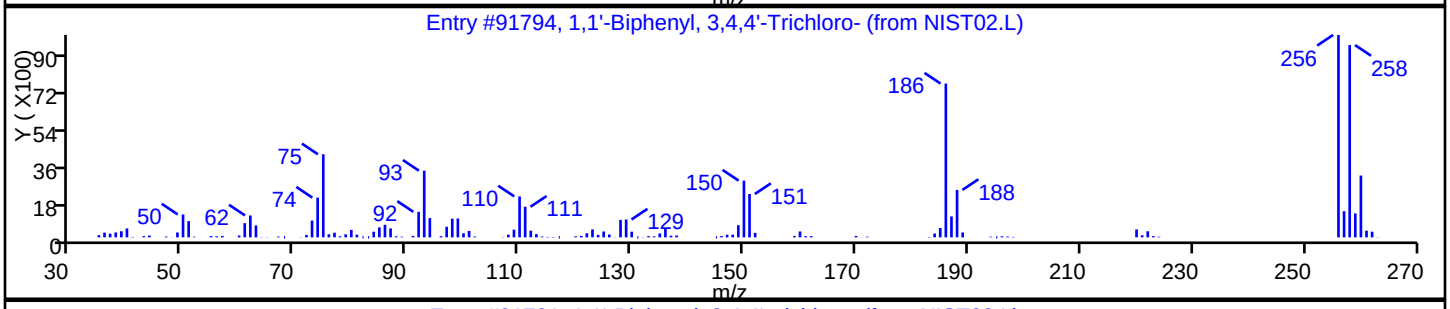
Column: Detector MS SCAN

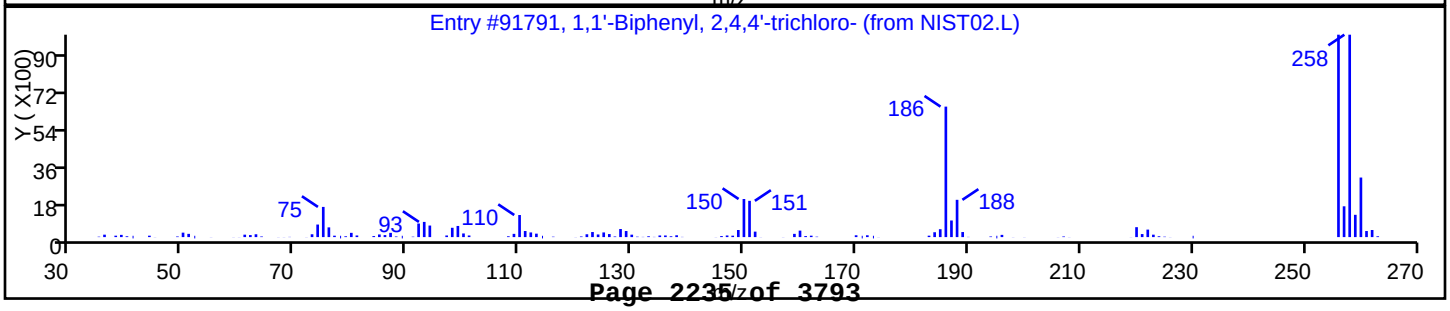
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	98
1,1'-Biphenyl, 3,4,4'-Trichloro-	38444-90-5	NIST02.L	91794	C12H7Cl3	256	97
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	96











Report Date: 13-Mar-2014 09:17:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date: 12-Mar-2014 01:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

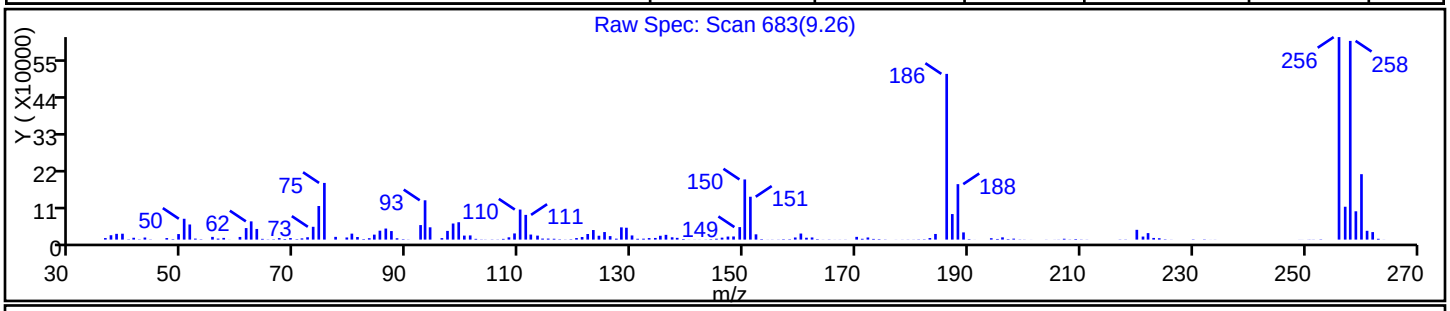
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26

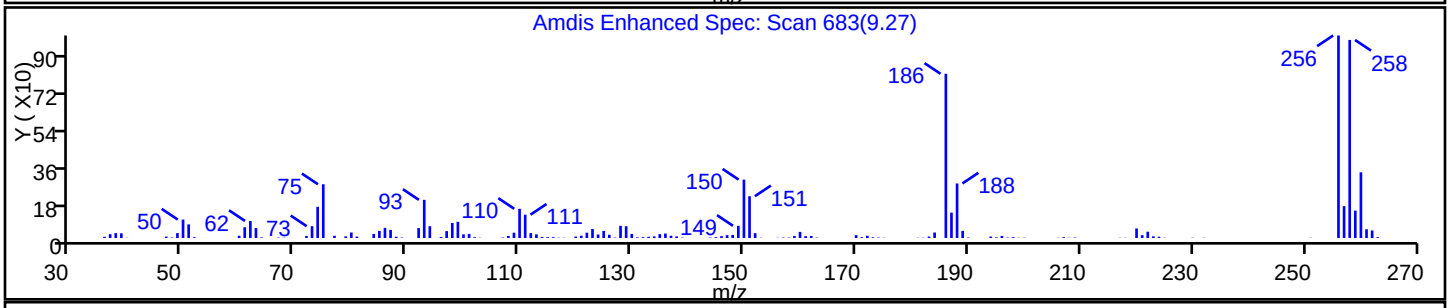
Injection Vol: 1.0 ul Dil. Factor: 20.0000

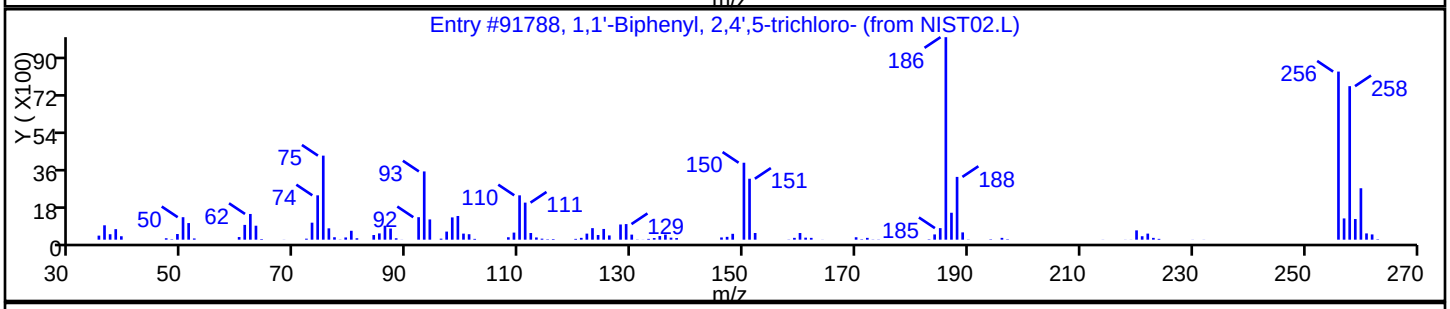
Method: 8270_4R Limit Group: SV 8270 ICAL

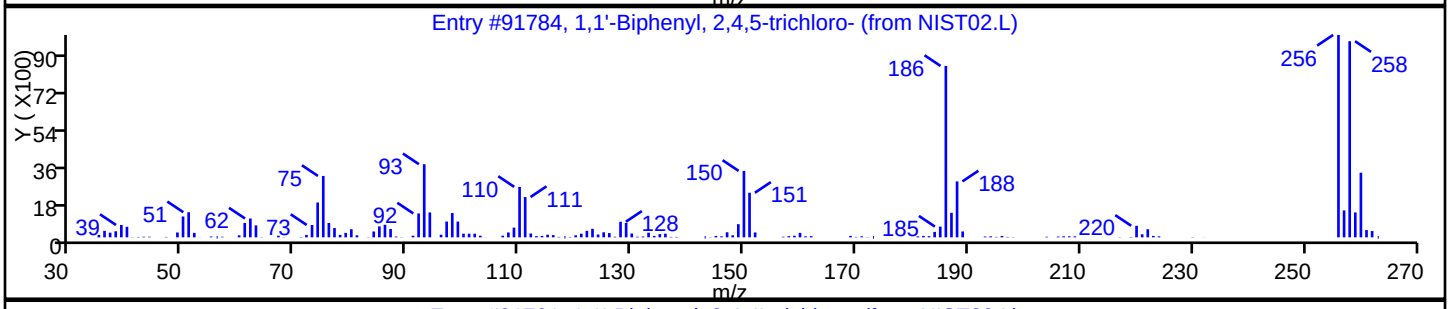
Column: Detector MS SCAN

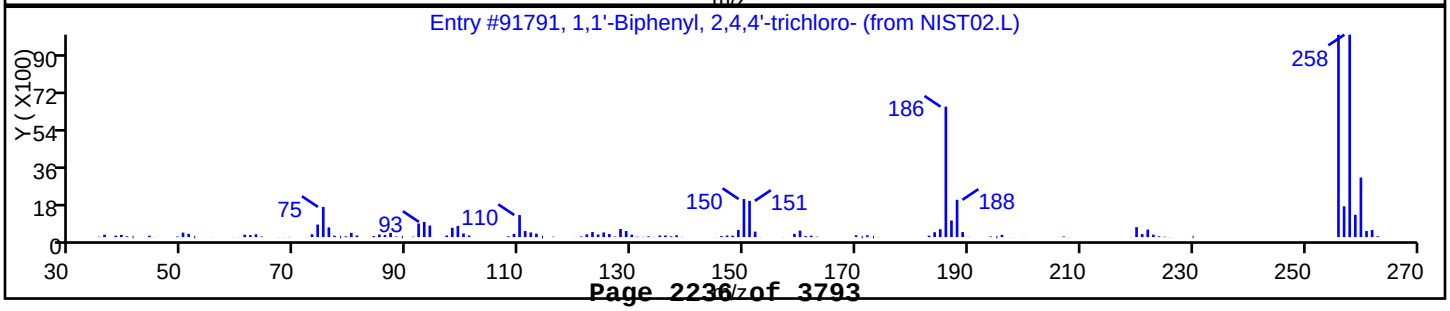
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	99
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.L	91784	C12H7Cl3	256	99
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	98











Report Date: 13-Mar-2014 09:17:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date: 12-Mar-2014 01:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

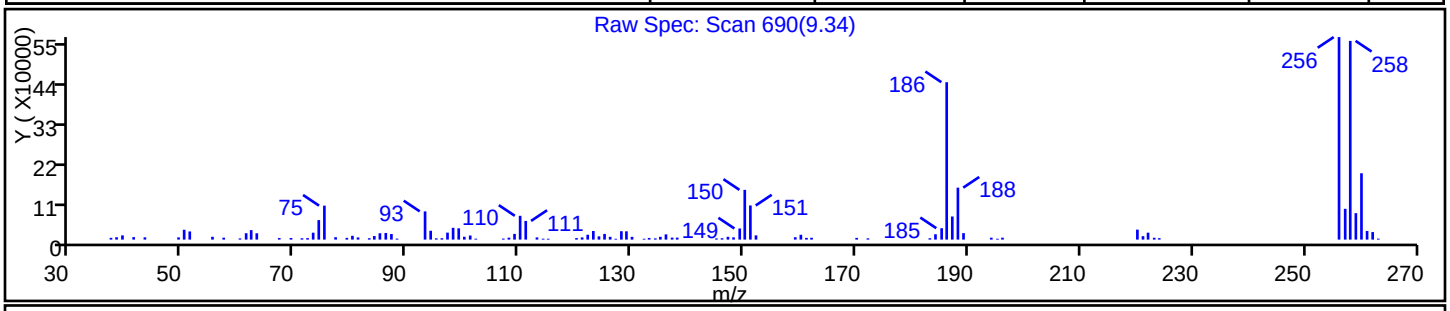
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26

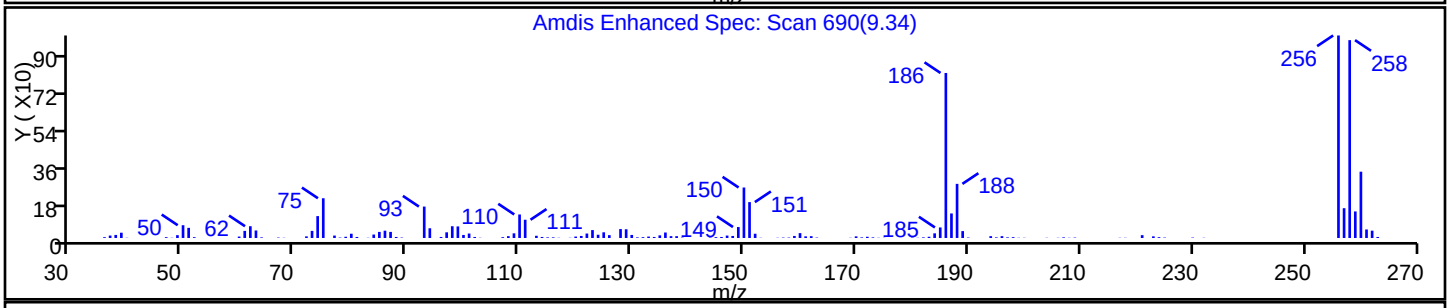
Injection Vol: 1.0 ul Dil. Factor: 20.0000

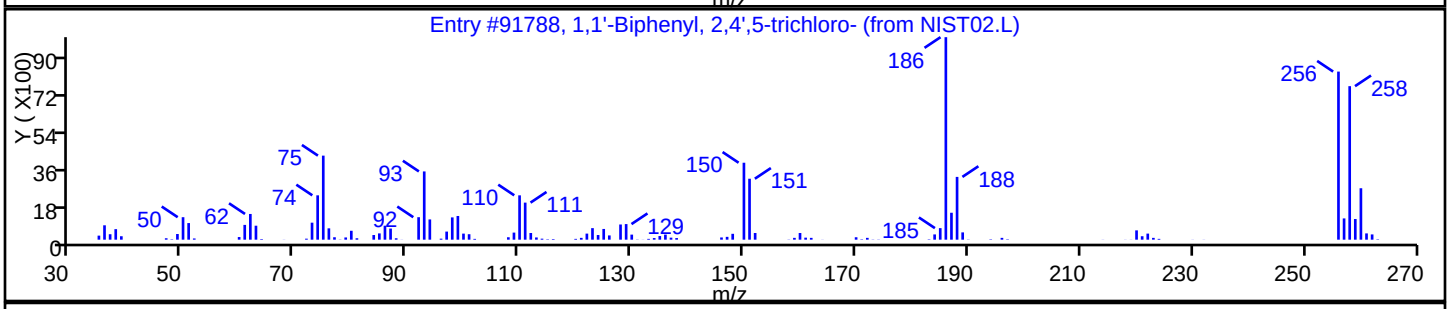
Method: 8270_4R Limit Group: SV 8270 ICAL

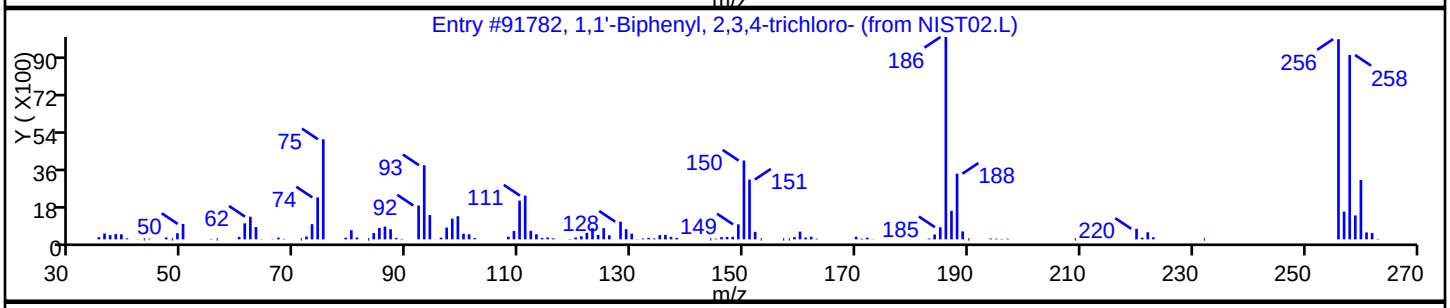
Column: Detector MS SCAN

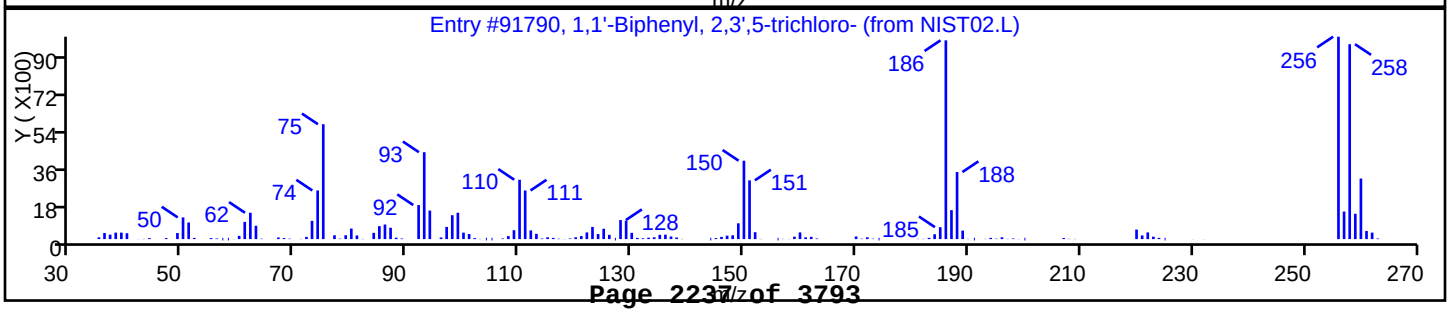
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	99
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	C12H7Cl3	256	99
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.L	91790	C12H7Cl3	256	99











Report Date: 13-Mar-2014 09:17:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date: 12-Mar-2014 01:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

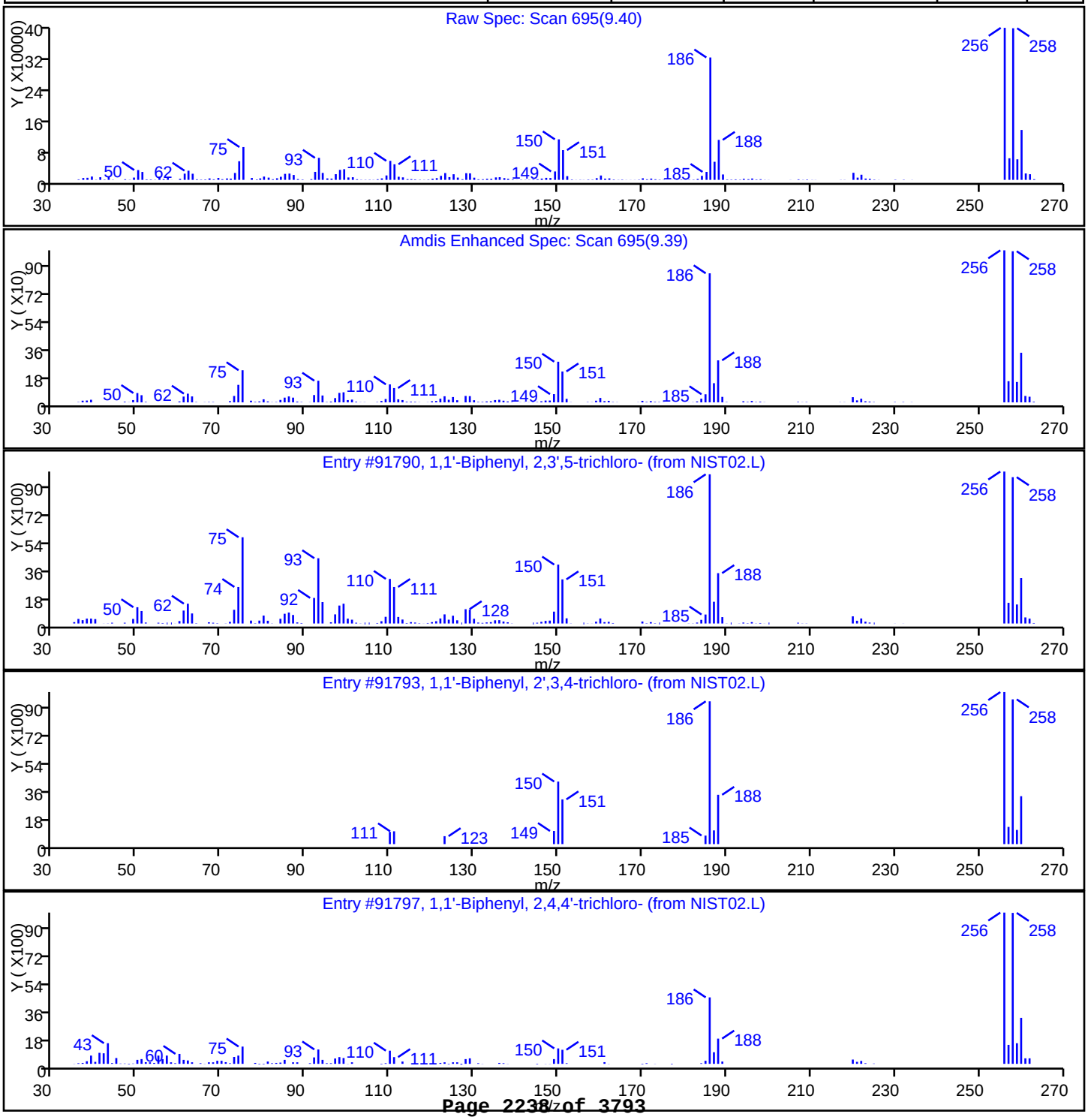
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26

Injection Vol: 1.0 ul Dil. Factor: 20.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.L	91790	C12H7Cl3	256	99
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	97
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91797	C12H7Cl3	256	96



Report Date: 13-Mar-2014 09:17:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date: 12-Mar-2014 01:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

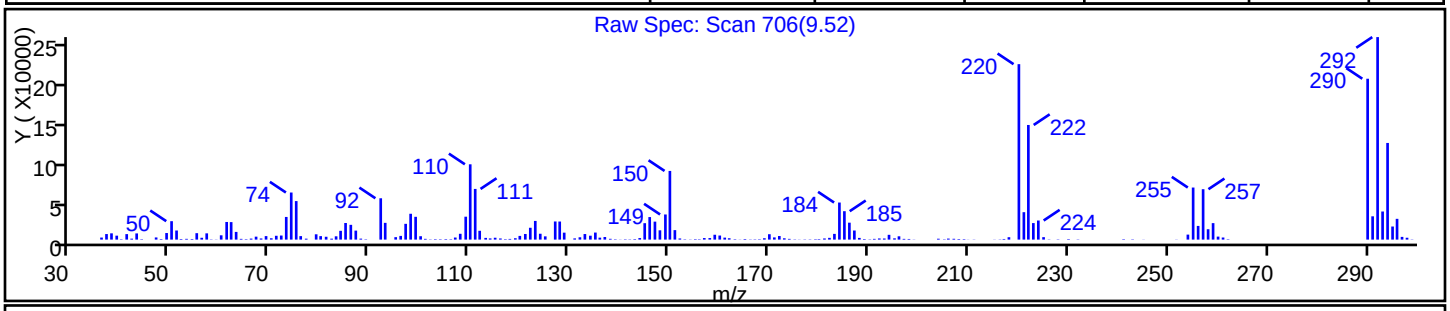
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26

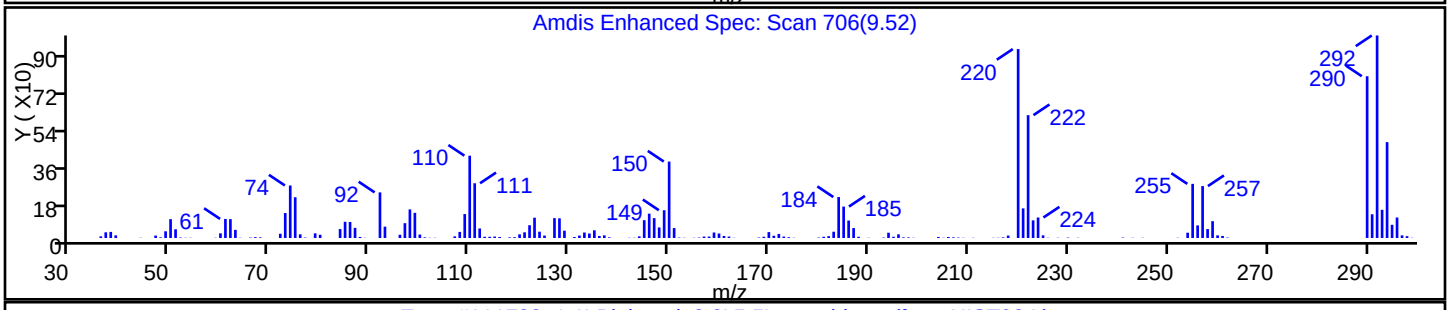
Injection Vol: 1.0 ul Dil. Factor: 20.0000

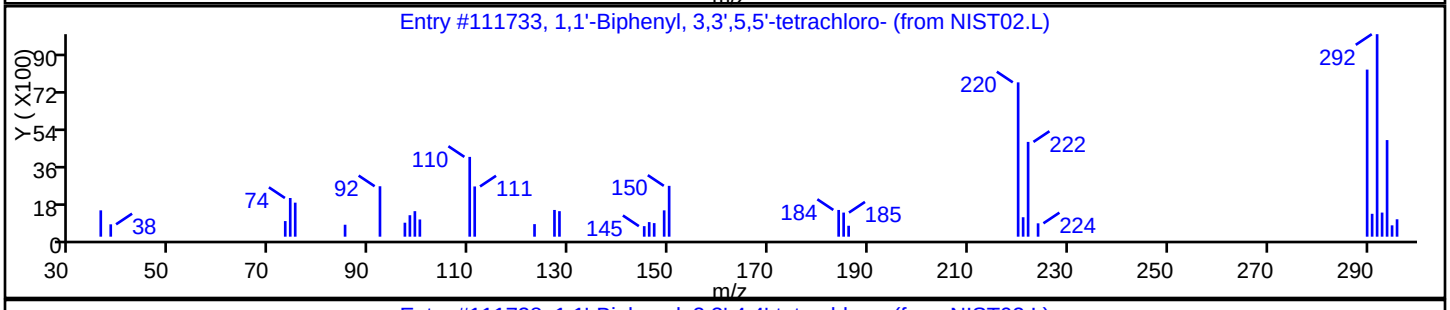
Method: 8270_4R Limit Group: SV 8270 ICAL

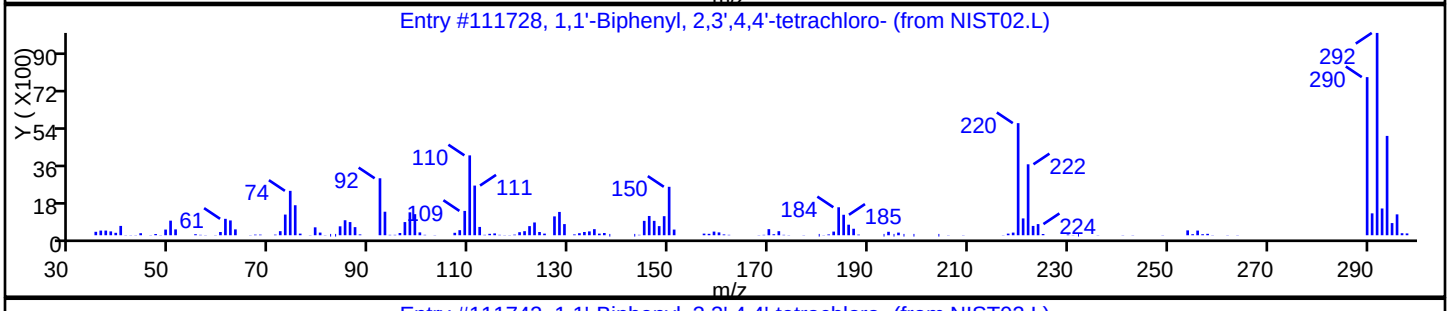
Column: Detector MS SCAN

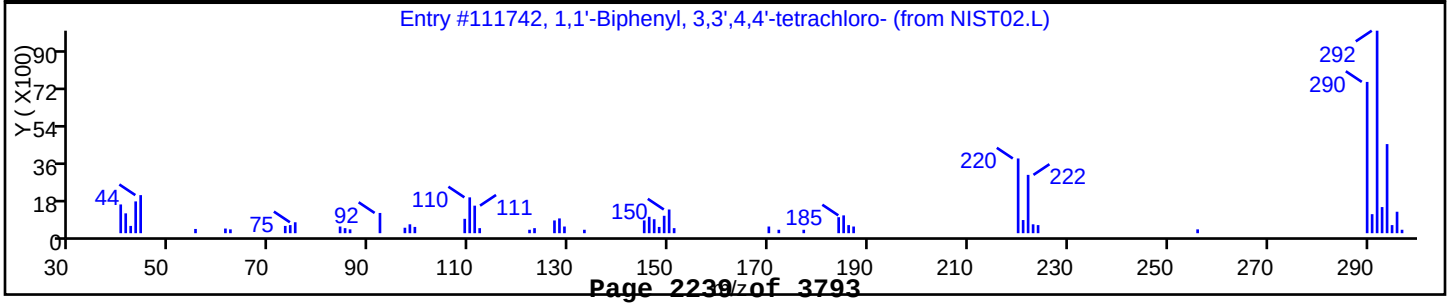
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 3,3',5,5'-tetrachloro-	33284-52-5	NIST02.L	111733	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',4,4'-tetrachloro-	32598-10-0	NIST02.L	111728	C12H6Cl4	290	99
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	C12H6Cl4	290	99











Report Date: 13-Mar-2014 09:17:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date: 12-Mar-2014 01:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

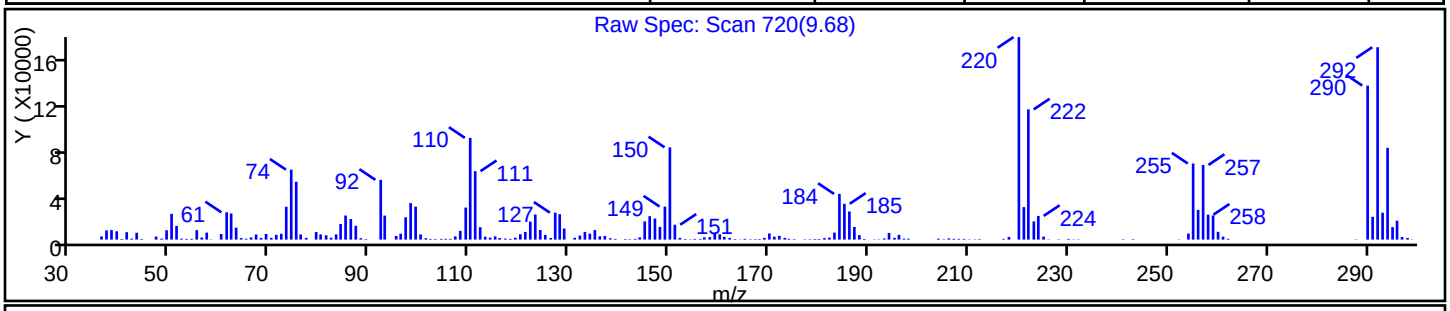
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26

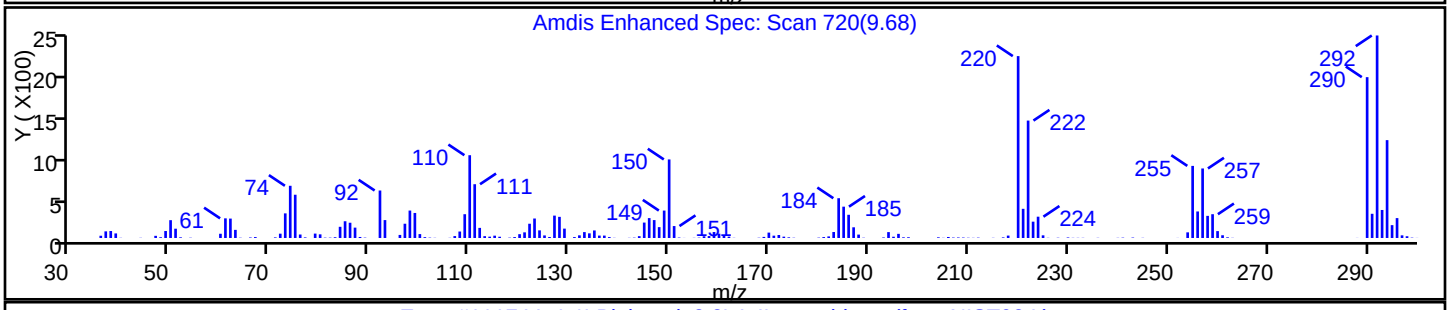
Injection Vol: 1.0 ul Dil. Factor: 20.0000

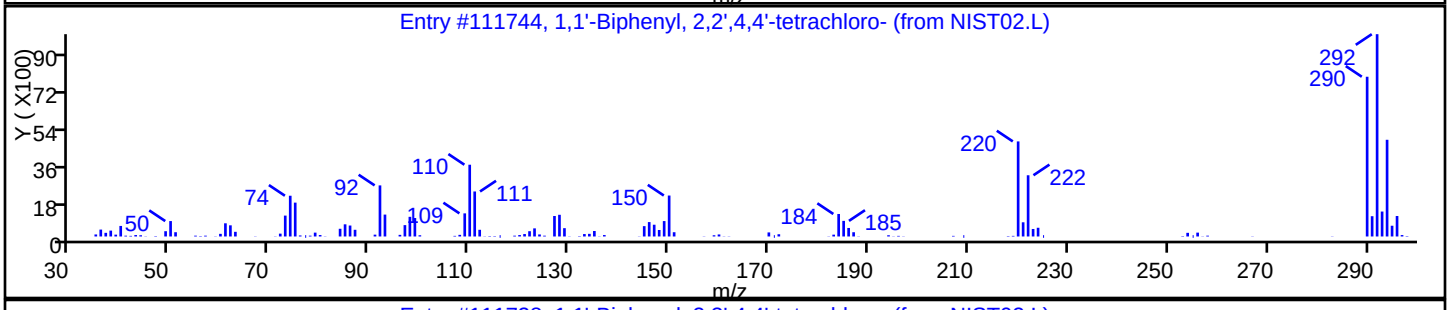
Method: 8270_4R Limit Group: SV 8270 ICAL

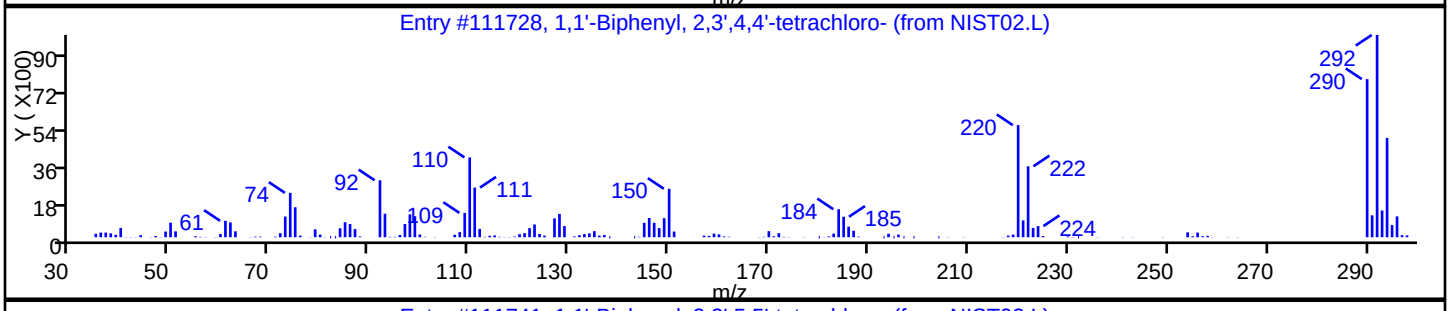
Column: Detector MS SCAN

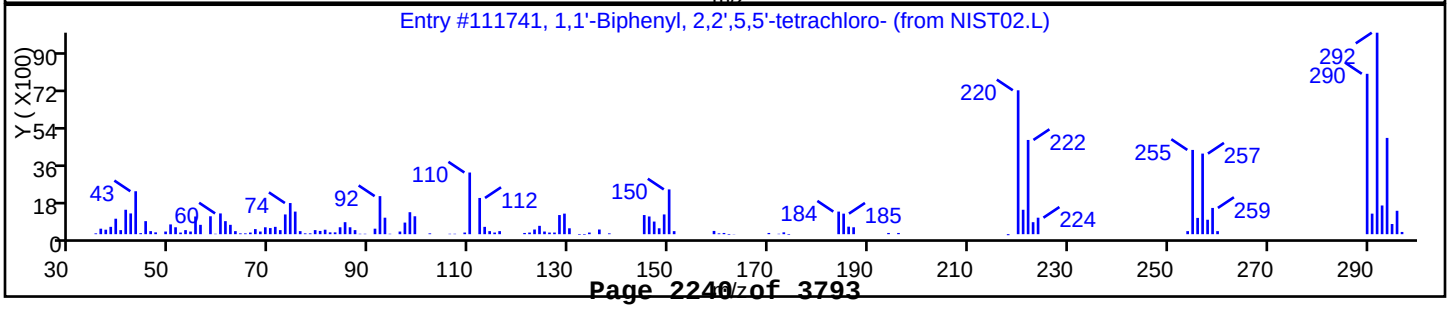
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	2437-79-8	NIST02.L	111744	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',4,4'-tetrachloro-	32598-10-0	NIST02.L	111728	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	35693-99-3	NIST02.L	111741	C12H6Cl4	290	99











Report Date: 13-Mar-2014 09:17:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date: 12-Mar-2014 01:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

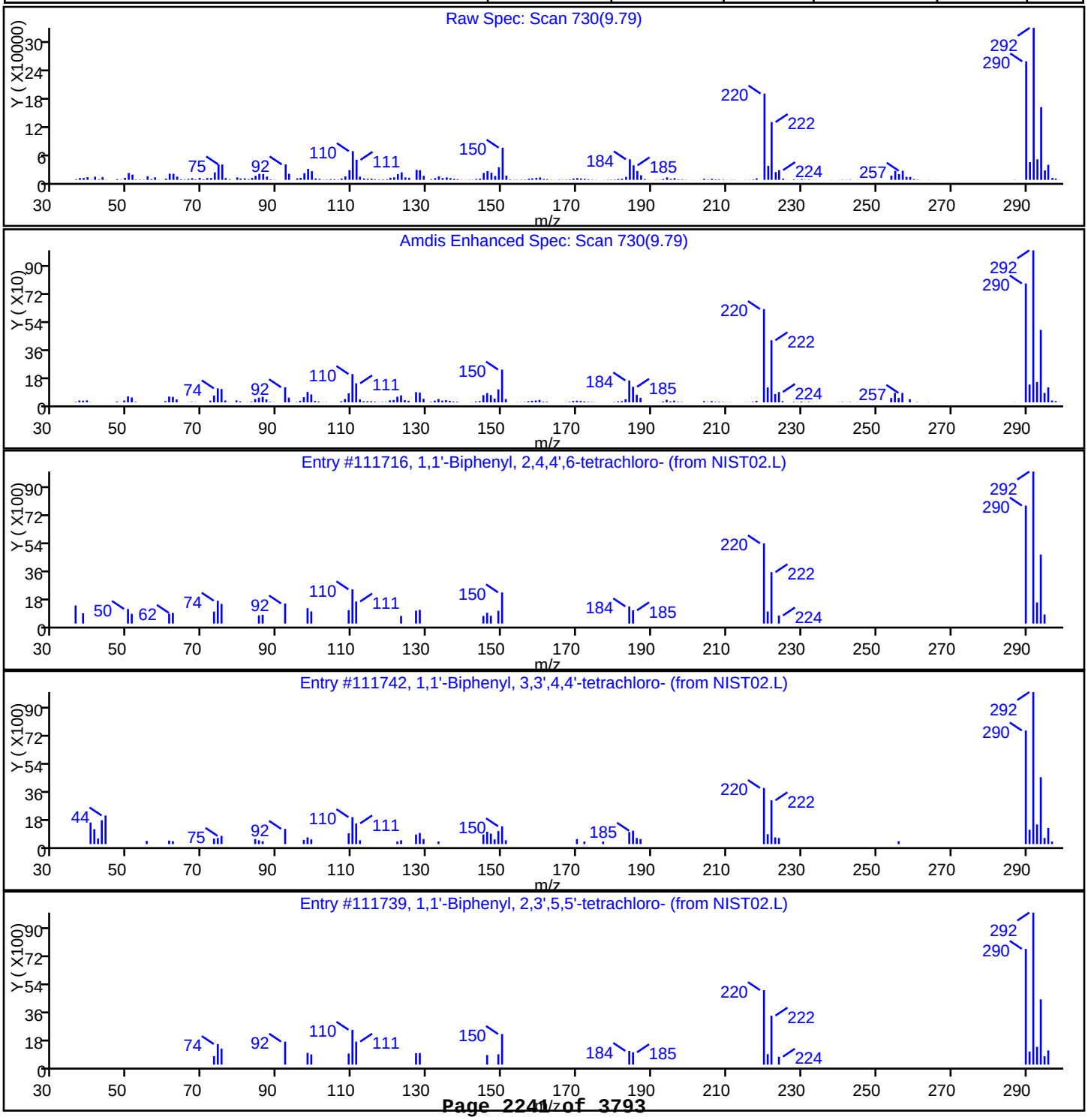
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26

Injection Vol: 1.0 ul Dil. Factor: 20.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4,4',6-tetrachloro-	32598-12-2	NIST02.L	111716	C12H6Cl4	290	99
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	C12H6Cl4	290	97
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.L	111739	C12H6Cl4	290	96



Report Date: 13-Mar-2014 09:17:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date: 12-Mar-2014 01:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

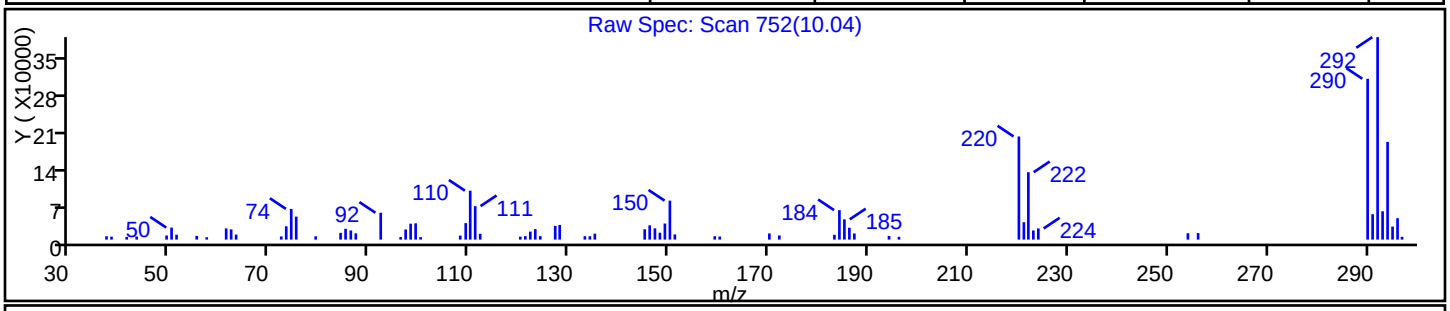
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26

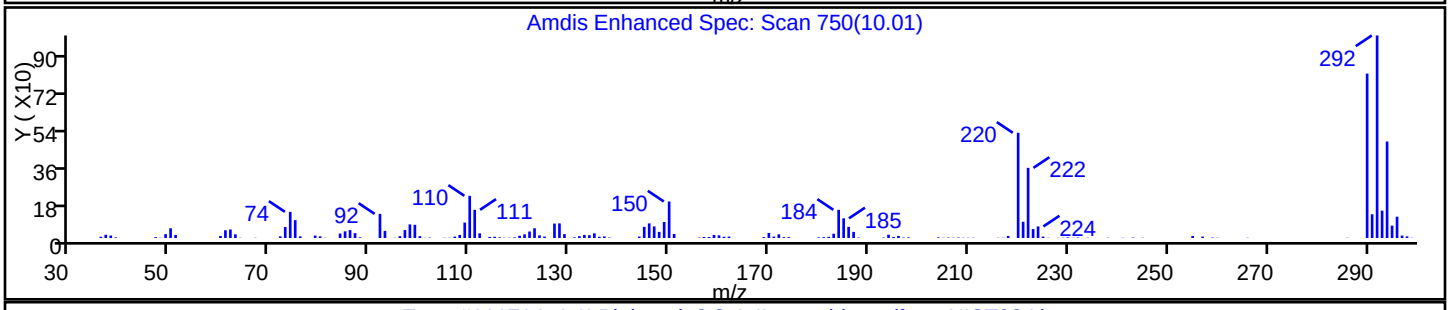
Injection Vol: 1.0 ul Dil. Factor: 20.0000

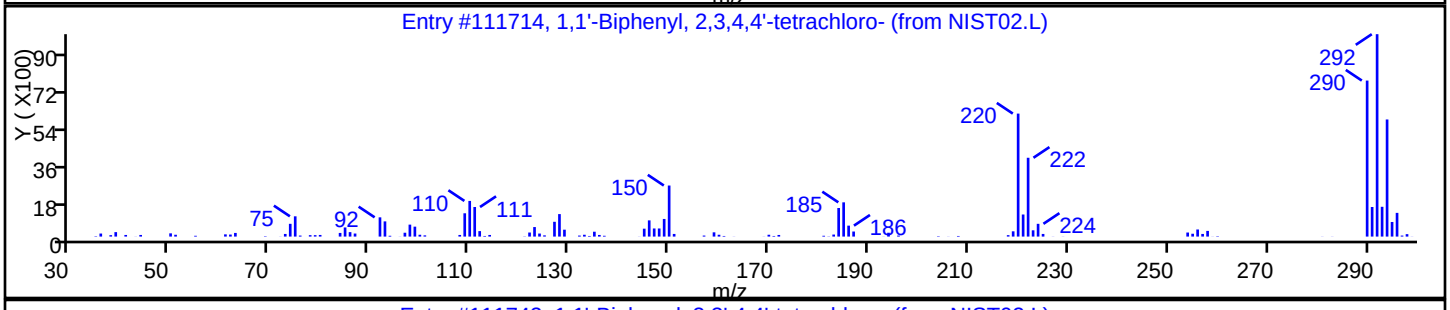
Method: 8270_4R Limit Group: SV 8270 ICAL

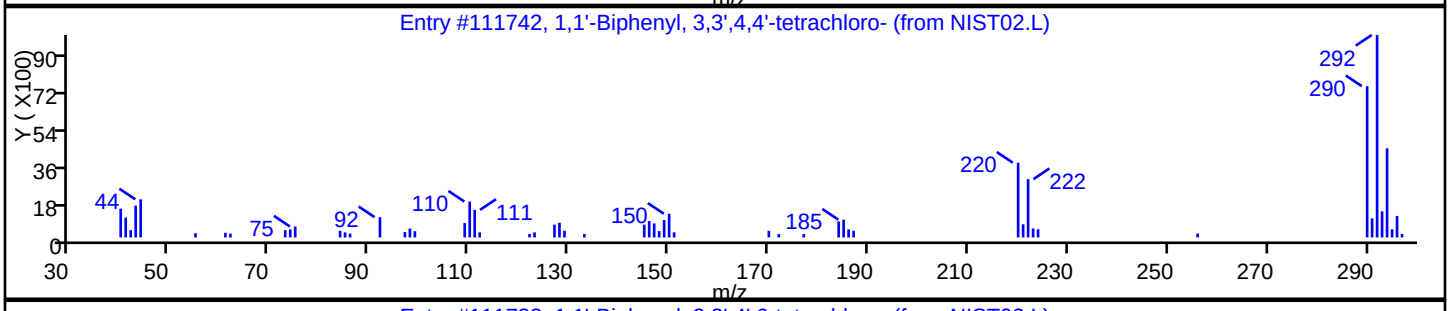
Column: Detector MS SCAN

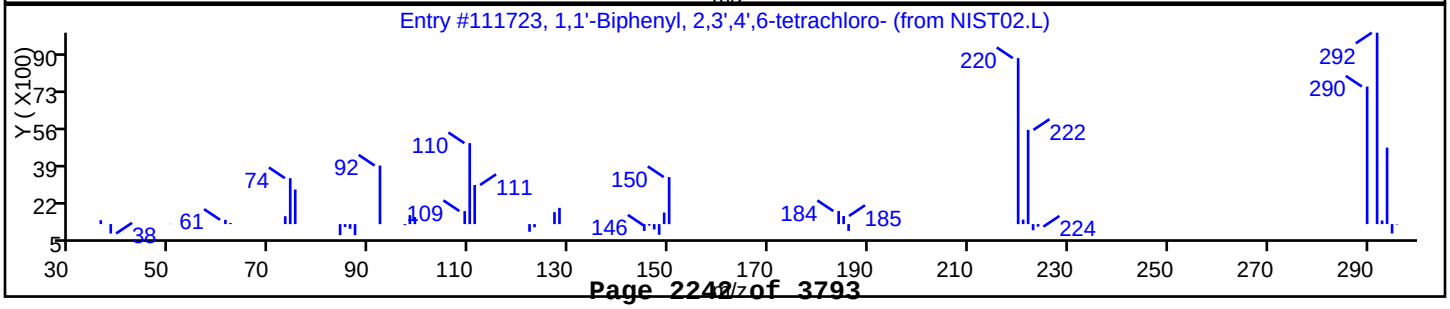
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,4,4'-tetrachloro-	33025-41-1	NIST02.L	111714	C12H6Cl4	290	99
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',4',6-tetrachloro-	41464-46-4	NIST02.L	111723	C12H6Cl4	290	99











Report Date: 13-Mar-2014 09:17:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date: 12-Mar-2014 01:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

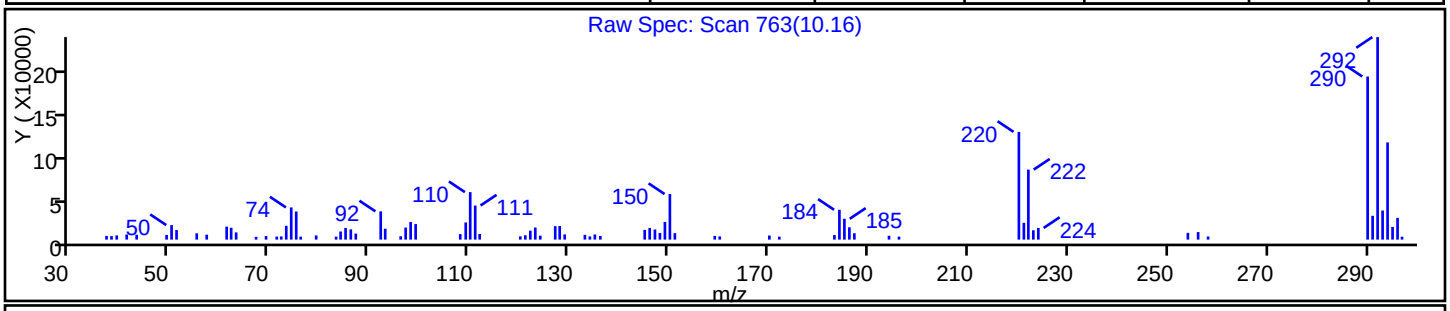
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26

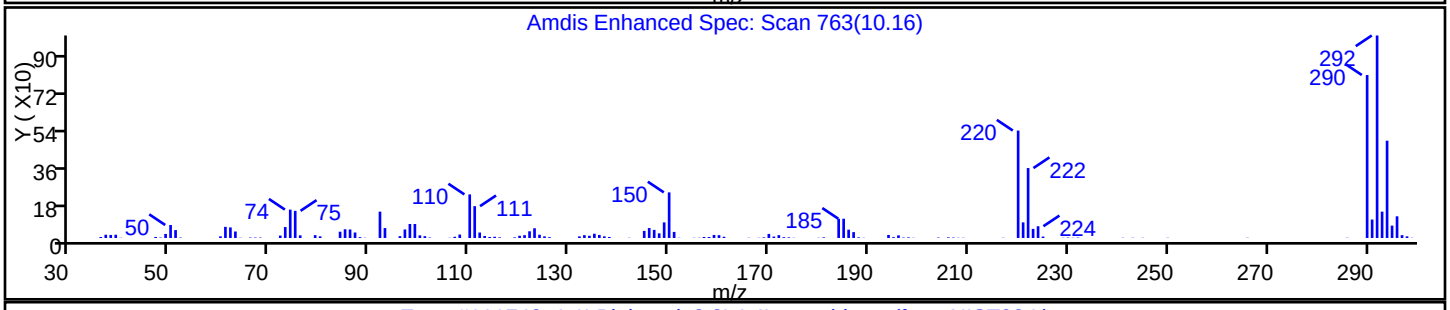
Injection Vol: 1.0 ul Dil. Factor: 20.0000

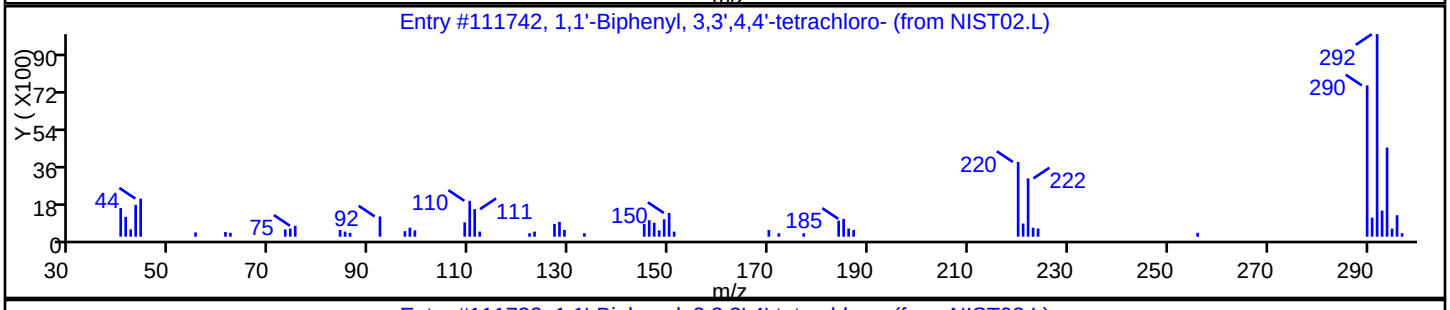
Method: 8270_4R Limit Group: SV 8270 ICAL

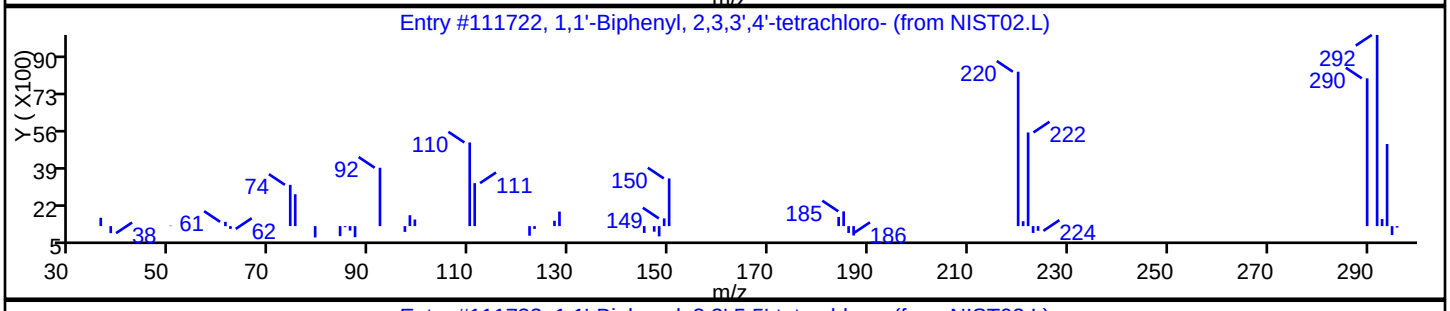
Column: Detector MS SCAN

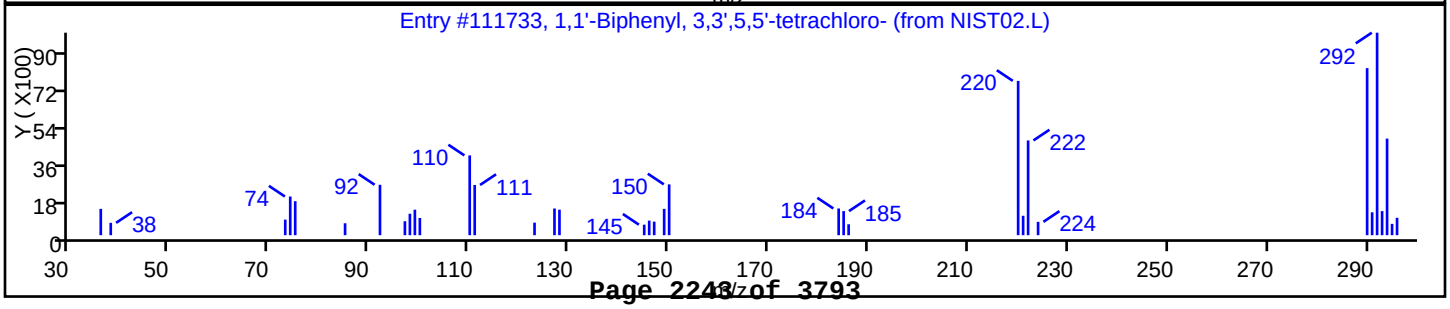
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3,3',4'-tetrachloro-	41464-43-1	NIST02.L	111722	C12H6Cl4	290	99
1,1'-Biphenyl, 3,3',5,5'-tetrachloro-	33284-52-5	NIST02.L	111733	C12H6Cl4	290	99











Report Date: 13-Mar-2014 09:17:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94453.D

Injection Date: 12-Mar-2014 01:16:30 Instrument ID: CBNAMS4

Lims ID: 460-72174-E-20-A Lab Sample ID: 460-72174-20

Client ID: PMP-24SW-VD

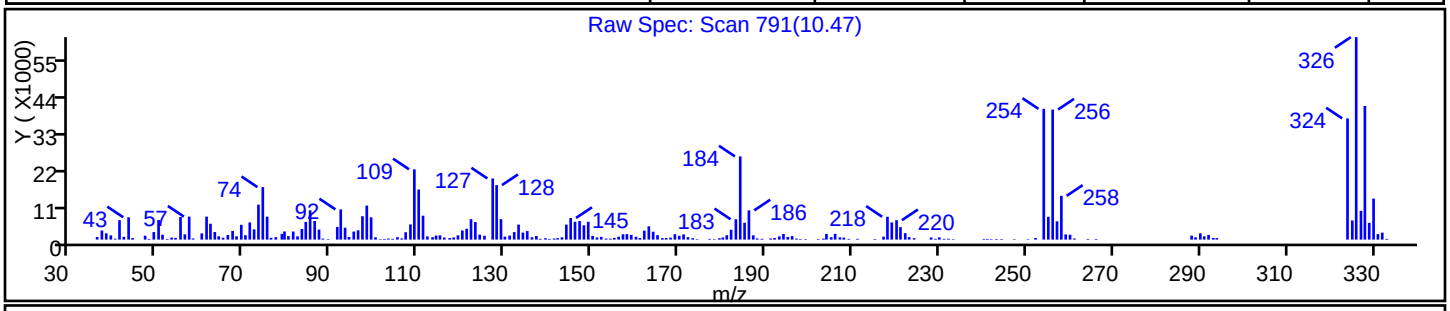
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26

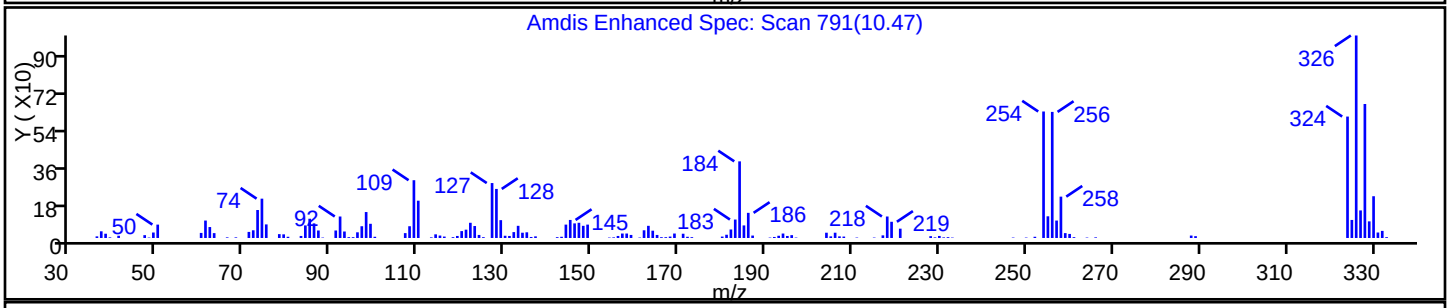
Injection Vol: 1.0 ul Dil. Factor: 20.0000

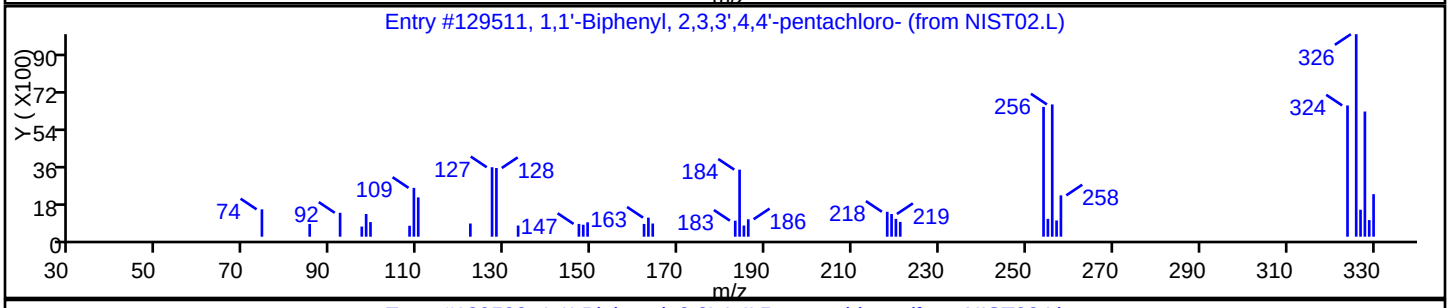
Method: 8270_4R Limit Group: SV 8270 ICAL

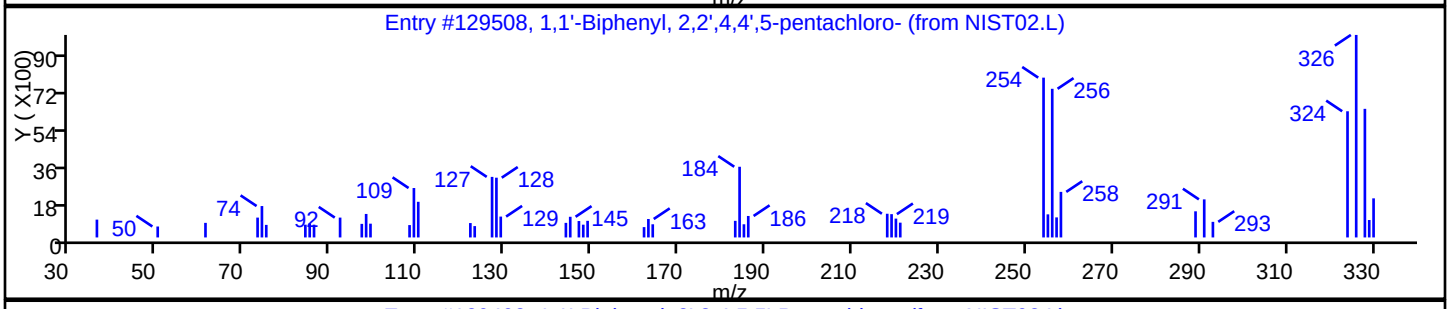
Column: Detector MS SCAN

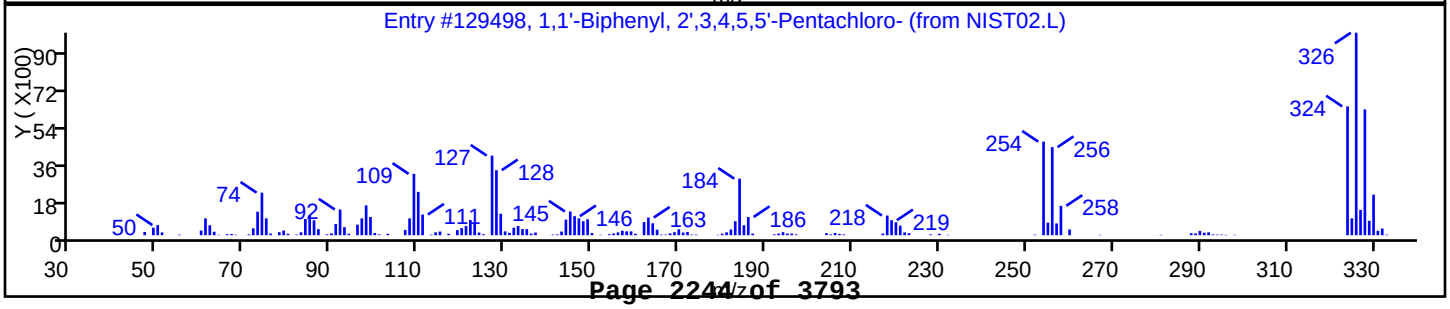
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,3',4,4'-pentachloro-	32598-14-4	NIST02.L	129511	C12H5Cl5	324	99
1,1'-Biphenyl, 2,2',4,4',5-pentachloro-	38380-01-7	NIST02.L	129508	C12H5Cl5	324	99
1,1'-Biphenyl, 2',3,4,5,5'-Pentachloro-	70424-70-3	NIST02.L	129498	C12H5Cl5	324	99











FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SD | Lab Sample ID: 460-72174-21

Matrix: Solid | Lab File ID: L1147867.D

Analysis Method: 8270C | Date Collected: 03/06/2014 15:30

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 19:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	54	U	400	54
95-57-8	2-Chlorophenol	53	U	400	53
95-48-7	2-Methylphenol	69	U	400	69
106-44-5	4-Methylphenol	80	U	400	80
100-52-7	Benzaldehyde	48	U	400	48
98-86-2	Acetophenone	62	U	400	62
111-44-4	Bis(2-chloroethyl)ether	5.5	U	40	5.5
108-60-1	2,2'-oxybis[1-chloropropane]	45	U	400	45
621-64-7	N-Nitrosodi-n-propylamine	6.8	U	40	6.8
98-95-3	Nitrobenzene	5.8	U *	40	5.8
67-72-1	Hexachloroethane	4.5	U	40	4.5
78-59-1	Isophorone	49	U	400	49
88-75-5	2-Nitrophenol	45	U	400	45
105-67-9	2,4-Dimethylphenol	100	U	400	100
120-83-2	2,4-Dichlorophenol	59	U	400	59
111-91-1	Bis(2-chloroethoxy)methane	52	U	400	52
91-20-3	Naphthalene	47	U	400	47
106-47-8	4-Chloroaniline	110	U	400	110
87-68-3	Hexachlorobutadiene	9.9	U	82	9.9
105-60-2	Caprolactam	93	U	400	93
59-50-7	4-Chloro-3-methylphenol	61	U	400	61
91-57-6	2-Methylnaphthalene	52	U	400	52
118-74-1	Hexachlorobenzene	5.5	U	40	5.5
77-47-4	Hexachlorocyclopentadiene	48	U	400	48
88-06-2	2,4,6-Trichlorophenol	47	U	400	47
95-95-4	2,4,5-Trichlorophenol	52	U	400	52
92-52-4	Diphenyl	54	U	400	54
91-58-7	2-Chloronaphthalene	45	U	400	45
88-74-4	2-Nitroaniline	170	U	400	170
606-20-2	2,6-Dinitrotoluene	12	U	82	12
131-11-3	Dimethyl phthalate	48	U	400	48
208-96-8	Acenaphthylene	48	U	400	48
99-09-2	3-Nitroaniline	140	U	400	140
83-32-9	Acenaphthene	59	U	400	59

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SD | Lab Sample ID: 460-72174-21

Matrix: Solid | Lab File ID: L1147867.D

Analysis Method: 8270C | Date Collected: 03/06/2014 15:30

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 19:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	260	U	400	260
51-28-5	2,4-Dinitrophenol	230	U	820	230
132-64-9	Dibenzofuran	48	U	400	48
84-66-2	Diethyl phthalate	48	U	400	48
86-73-7	Fluorene	52	U	400	52
206-44-0	Fluoranthene	54	U	400	54
84-74-2	Di-n-butyl phthalate	50	U	400	50
121-14-2	2,4-Dinitrotoluene	13	U	82	13
7005-72-3	4-Chlorophenyl phenyl ether	48	U	400	48
100-01-6	4-Nitroaniline	130	U	820	130
534-52-1	4,6-Dinitro-2-methylphenol	110	U	820	110
101-55-3	4-Bromophenyl phenyl ether	40	U	400	40
1912-24-9	Atrazine	63	U	400	63
120-12-7	Anthracene	49	U	400	49
86-74-8	Carbazole	48	U	400	48
85-01-8	Phenanthrene	52	U	400	52
87-86-5	Pentachlorophenol	120	U	820	120
129-00-0	Pyrene	34	U	400	34
218-01-9	Chrysene	47	U	400	47
207-08-9	Benzo[k]fluoranthene	3.1	U	40	3.1
191-24-2	Benzo[g,h,i]perylene	30	U	400	30
205-99-2	Benzo[b]fluoranthene	2.6	U	40	2.6
50-32-8	Benzo[a]pyrene	2.9	U	40	2.9
56-55-3	Benzo[a]anthracene	2.8	U	40	2.8
86-30-6	N-Nitrosodiphenylamine	40	U	400	40
85-68-7	Butyl benzyl phthalate	37	U	400	37
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	400	130
117-84-0	Di-n-octyl phthalate	26	U	400	26
193-39-5	Indeno[1,2,3-cd]pyrene	7.5	U	40	7.5
53-70-3	Dibenz(a,h)anthracene	5.1	U	40	5.1
91-94-1	3,3'-Dichlorobenzidine	140	U	400	140
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	400	55
58-90-2	2,3,4,6-Tetrachlorophenol	53	U	400	53

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SD Lab Sample ID: 460-72174-21

Matrix: Solid Lab File ID: L1147867.D

Analysis Method: 8270C Date Collected: 03/06/2014 15:30

Extract. Method: 3541 Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) Date Analyzed: 03/11/2014 19:41

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 18.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	88		40-106
4165-62-2	Phenol-d5	84		44-104
1718-51-0	Terphenyl-d14	102		41-145
118-79-6	2,4,6-Tribromophenol	87		19-114
367-12-4	2-Fluorophenol	81		39-103
321-60-8	2-Fluorobiphenyl	91		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SD | Lab Sample ID: 460-72174-21

Matrix: Solid | Lab File ID: L1147867.D

Analysis Method: 8270C | Date Collected: 03/06/2014 15:30

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 19:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 470

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	11.14	470	J

Report Date: 14-Mar-2014 10:01:23 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147867.D
Lims ID: 460-72174-F-21-E Lab Sample ID: 460-72174-21
Client ID: PMP-10SW-SD
Sample Type: Client
Inject. Date: 11-Mar-2014 19:41:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010722-010
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 10:00:53 Calib Date: 05-Mar-2014 23:36:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147714.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: croccom Date: 12-Mar-2014 08:45:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.449	2.431	0.018	95	104313	40.3	
$ 6 Phenol-d5	99	3.360	3.366	-0.006	68	126951	42.0	
* 13 1,4-Dichlorobenzene-d4	152	3.713	3.713	0.0	96	91558	40.0	
$ 25 Nitrobenzene-d5	82	4.290	4.296	-0.006	91	114481	44.0	
* 35 Naphthalene-d8	136	5.019	5.019	0.0	99	337353	40.0	
41 2-Methylnaphthalene	142	5.748	5.748	0.0	29	639	0.1241	
$ 48 2-Fluorobiphenyl	172	6.125	6.125	0.0	98	242654	45.3	
* 61 Acenaphthene-d10	164	6.778	6.778	0.0	93	164175	40.0	
$ 76 2,4,6-Tribromophenol	330	7.560	7.566	-0.006	93	34273	43.4	
* 83 Phenanthrene-d10	188	8.236	8.242	-0.006	99	236289	40.0	
$ 91 Terphenyl-d14	244	9.819	9.825	-0.006	99	179431	51.0	
* 96 Chrysene-d12	240	10.901	10.907	-0.006	99	165321	40.0	
* 103 Perylene-d12	264	12.689	12.695	-0.006	98	175083	40.0	

Report Date: 14-Mar-2014 10:01:23 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147867.D
Lims ID: 460-72174-F-21-E Lab Sample ID: 460-72174-21
Client ID: PMP-10SW-SD
Sample Type: Client
Inject. Date: 11-Mar-2014 19:41:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010722-010
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 10:00:53 Calib Date: 05-Mar-2014 23:36:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: croccom Date: 12-Mar-2014 08:45:17

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	Unknown							
11.136	59987	5.70	96					

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 96 Chrysene-d12	10.901	421243	40.0

QC Flag Legend

Processing Flags

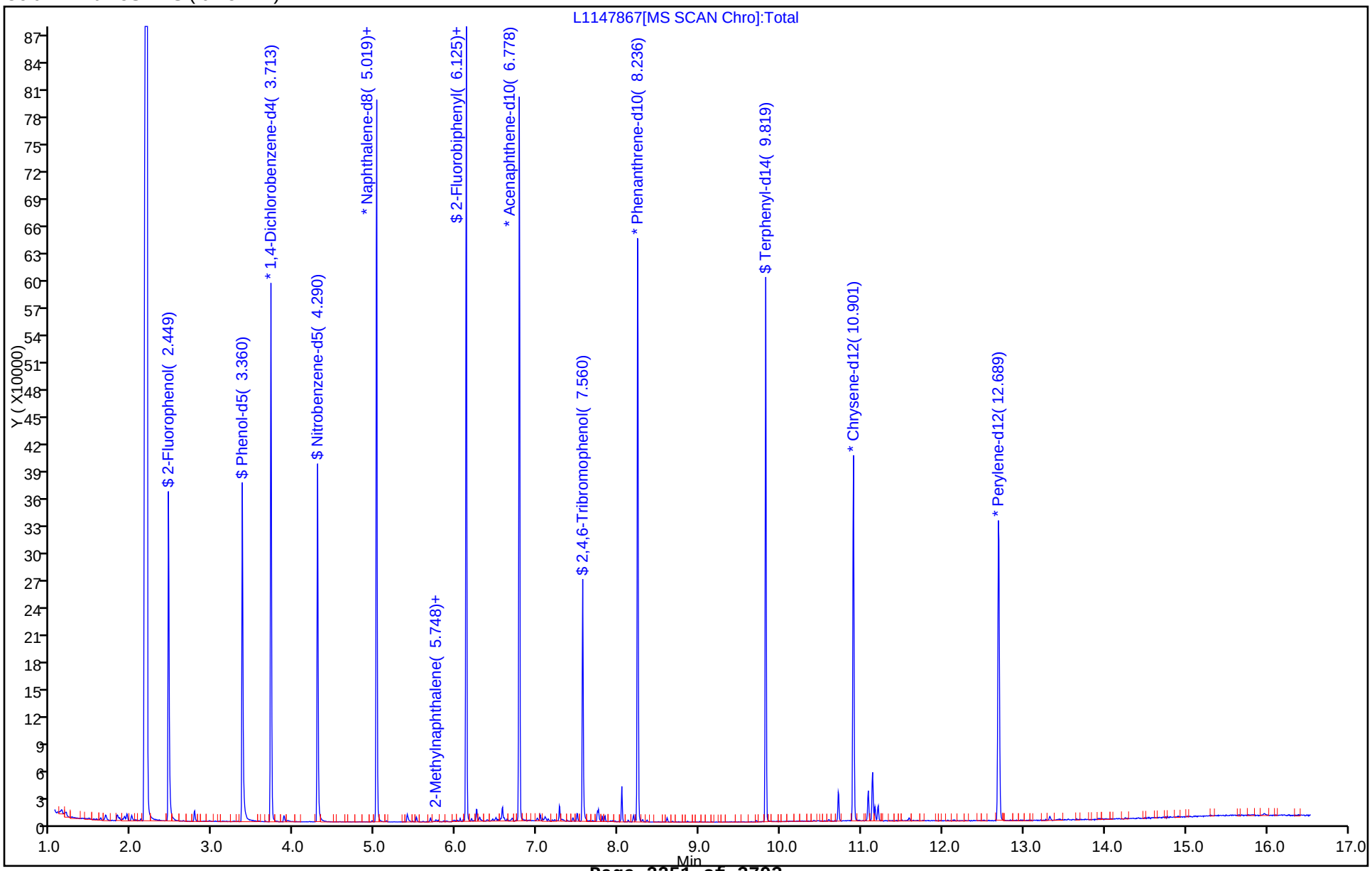
Report Date: 14-Mar-2014 10:01:23 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147867.D

Injection Date:	11-Mar-2014 19:41:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-72174-F-21-E	Lab Sample ID:	460-72174-21	Worklist Smp#:	10
Client ID:	PMP-10SW-SD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270_12R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

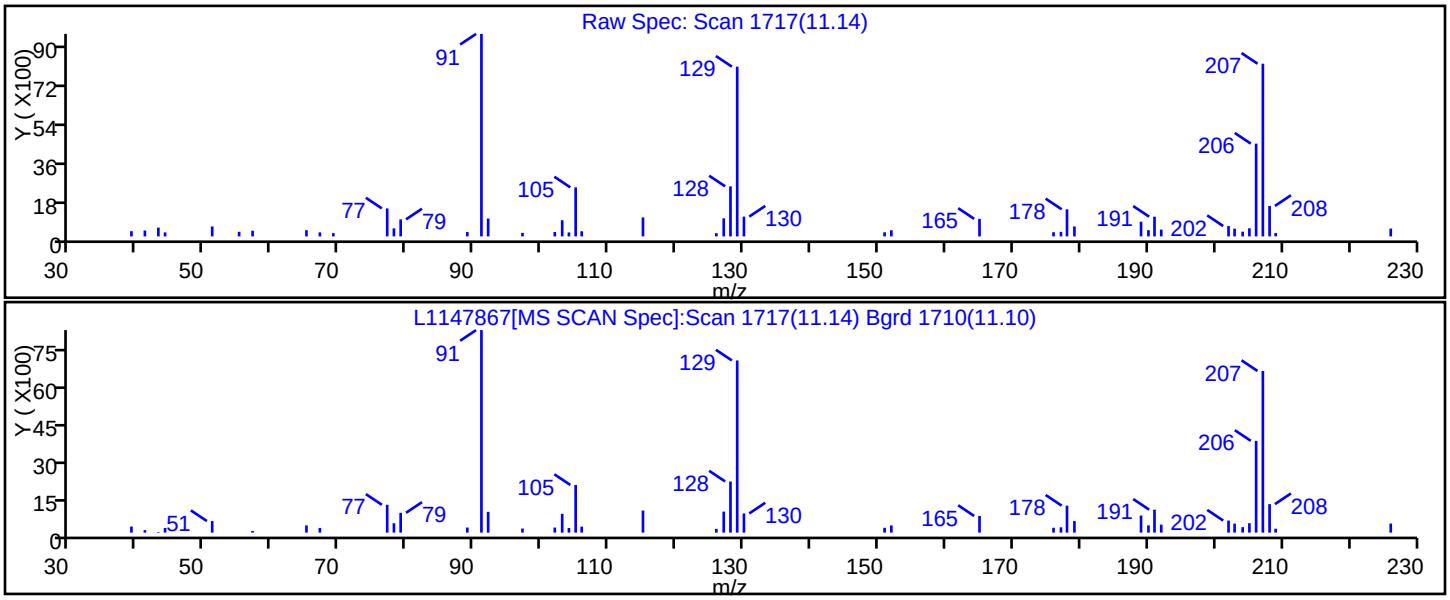


Report Date: 14-Mar-2014 10:01:23 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147867.D

Injection Date:	11-Mar-2014 19:41:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-21-E	Lab Sample ID:	460-72174-21		
Client ID:	PMP-10SW-SD				
Operator ID:	BNA 12	ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	No Library Matches Found above the Threshold: 80	Detector	MS SCAN		



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-WT | Lab Sample ID: 460-72174-22

Matrix: Solid | Lab File ID: L1147923.D

Analysis Method: 8270C | Date Collected: 03/06/2014 16:15

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.01(g) | Date Analyzed: 03/13/2014 08:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212260 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	250	U	1900	250
95-57-8	2-Chlorophenol	250	U	1900	250
95-48-7	2-Methylphenol	320	U	1900	320
106-44-5	4-Methylphenol	370	U	1900	370
100-52-7	Benzaldehyde	220	U	1900	220
98-86-2	Acetophenone	290	U	1900	290
111-44-4	Bis(2-chloroethyl)ether	26	U	190	26
108-60-1	2,2'-oxybis[1-chloropropane]	210	U	1900	210
621-64-7	N-Nitrosodi-n-propylamine	32	U	190	32
98-95-3	Nitrobenzene	27	U *	190	27
67-72-1	Hexachloroethane	21	U	190	21
78-59-1	Isophorone	230	U	1900	230
88-75-5	2-Nitrophenol	210	U	1900	210
105-67-9	2,4-Dimethylphenol	470	U	1900	470
120-83-2	2,4-Dichlorophenol	280	U	1900	280
111-91-1	Bis(2-chloroethoxy)methane	250	U	1900	250
91-20-3	Naphthalene	220	U	1900	220
106-47-8	4-Chloroaniline	500	U	1900	500
87-68-3	Hexachlorobutadiene	46	U	380	46
105-60-2	Caprolactam	440	U	1900	440
59-50-7	4-Chloro-3-methylphenol	290	U	1900	290
91-57-6	2-Methylnaphthalene	240	U	1900	240
118-74-1	Hexachlorobenzene	26	U	190	26
77-47-4	Hexachlorocyclopentadiene	220	U	1900	220
88-06-2	2,4,6-Trichlorophenol	220	U	1900	220
95-95-4	2,4,5-Trichlorophenol	250	U	1900	250
92-52-4	Diphenyl	250	U	1900	250
91-58-7	2-Chloronaphthalene	210	U	1900	210
88-74-4	2-Nitroaniline	790	U	1900	790
606-20-2	2,6-Dinitrotoluene	57	U	380	57
131-11-3	Dimethyl phthalate	230	U	1900	230
208-96-8	Acenaphthylene	220	U	1900	220
99-09-2	3-Nitroaniline	670	U	1900	670
83-32-9	Acenaphthene	280	U	1900	280

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-WT | Lab Sample ID: 460-72174-22

Matrix: Solid | Lab File ID: L1147923.D

Analysis Method: 8270C | Date Collected: 03/06/2014 16:15

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.01(g) | Date Analyzed: 03/13/2014 08:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212260 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1900	1200
51-28-5	2,4-Dinitrophenol	1100	U	3800	1100
132-64-9	Dibenzofuran	220	U	1900	220
84-66-2	Diethyl phthalate	230	U	1900	230
86-73-7	Fluorene	240	U	1900	240
206-44-0	Fluoranthene	250	U	1900	250
84-74-2	Di-n-butyl phthalate	230	U	1900	230
121-14-2	2,4-Dinitrotoluene	63	U	380	63
7005-72-3	4-Chlorophenyl phenyl ether	220	U	1900	220
100-01-6	4-Nitroaniline	590	U	3800	590
534-52-1	4,6-Dinitro-2-methylphenol	520	U	3800	520
101-55-3	4-Bromophenyl phenyl ether	190	U	1900	190
1912-24-9	Atrazine	290	U	1900	290
120-12-7	Anthracene	230	U	1900	230
86-74-8	Carbazole	220	U	1900	220
85-01-8	Phenanthrene	240	U	1900	240
87-86-5	Pentachlorophenol	570	U	3800	570
129-00-0	Pyrene	250	J	1900	160
218-01-9	Chrysene	220	U	1900	220
207-08-9	Benzo[k]fluoranthene	14	U	190	14
191-24-2	Benzo[g,h,i]perylene	140	U	1900	140
205-99-2	Benzo[b]fluoranthene	12	U	190	12
50-32-8	Benzo[a]pyrene	13	U	190	13
56-55-3	Benzo[a]anthracene	13	U	190	13
86-30-6	N-Nitrosodiphenylamine	190	U	1900	190
85-68-7	Butyl benzyl phthalate	170	U	1900	170
117-81-7	Bis(2-ethylhexyl) phthalate	630	U	1900	630
117-84-0	Di-n-octyl phthalate	120	U	1900	120
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	190	35
53-70-3	Dibenz(a,h)anthracene	24	U	190	24
91-94-1	3,3'-Dichlorobenzidine	670	U	1900	670
95-94-3	1,2,4,5-Tetrachlorobenzene	260	U	1900	260
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	1900	250

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-WT | Lab Sample ID: 460-72174-22

Matrix: Solid | Lab File ID: L1147923.D

Analysis Method: 8270C | Date Collected: 03/06/2014 16:15

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.01(g) | Date Analyzed: 03/13/2014 08:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212260 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	74		40-106
4165-62-2	Phenol-d5	63		44-104
1718-51-0	Terphenyl-d14	83		41-145
118-79-6	2,4,6-Tribromophenol	35		19-114
367-12-4	2-Fluorophenol	60		39-103
321-60-8	2-Fluorobiphenyl	83		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-WT | Lab Sample ID: 460-72174-22

Matrix: Solid | Lab File ID: L1147923.D

Analysis Method: 8270C | Date Collected: 03/06/2014 16:15

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.01(g) | Date Analyzed: 03/13/2014 08:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212260 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 173700

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown alkane	6.25	3400	J
	Unknown alkane	6.57	7800	J
	Unknown	6.69	3500	J
2245-38-7	Naphthalene, 1,6,7-trimethyl-	7.00	3500	J N
2245-38-7	Naphthalene, 1,6,7-trimethyl-	7.04	4600	J N
	Unknown alkane	7.10	10000	J
	Unknown alkane	7.22	3000	J
	Unknown alkane	7.28	19000	J
	Unknown alkane	7.50	15000	J
	Unknown alkane	7.77	37000	J
	Unknown alkane	7.94	4900	J
	Unknown	8.03	2900	J
	Unknown alkane	8.19	16000	J
	Unknown alkane	8.37	5000	J
	Unknown alkane	8.61	14000	J
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.67	4600	J N
	Unknown alkane	8.77	3900	J
2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	8.87	4900	J N
	Unknown alkane	9.01	5000	J
	Unknown alkane	9.38	5700	J

Report Date: 14-Mar-2014 12:19:53 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147923.D
Lims ID: 460-72174-F-22-C Lab Sample ID: 460-72174-22
Client ID: PMP-13SW-WT
Sample Type: Client
Inject. Date: 13-Mar-2014 08:22:30 ALS Bottle#: 13 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0010790-014
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 12:19:53 Calib Date: 05-Mar-2014 23:36:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147714.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: bayoumiw Date: 14-Mar-2014 12:18:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.454	2.431	0.023	91	17310	6.01	
$ 6 Phenol-d5	99	3.372	3.366	0.006	52	21149	6.30	
* 13 1,4-Dichlorobenzene-d4	152	3.713	3.713	0.0	96	101873	40.0	
$ 25 Nitrobenzene-d5	82	4.295	4.296	-0.001	88	21784	7.43	
* 35 Naphthalene-d8	136	5.019	5.019	0.0	100	379962	40.0	
$ 48 2-Fluorobiphenyl	172	6.125	6.125	0.0	94	47128	8.35	
* 61 Acenaphthene-d10	164	6.778	6.778	0.0	84	172984	40.0	
$ 76 2,4,6-Tribromophenol	330	7.572	7.566	0.006	31	2885	3.47	
* 83 Phenanthrene-d10	188	8.242	8.236	0.006	91	230376	40.0	
90 Pyrene	202	9.648	9.648	0.0	90	3320	0.6488	
$ 91 Terphenyl-d14	244	9.813	9.819	-0.006	97	31234	8.28	
* 96 Chrysene-d12	240	10.895	10.901	-0.006	99	177285	40.0	
* 103 Perylene-d12	264	12.689	12.689	0.0	98	214093	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147923.D
Lims ID: 460-72174-F-22-C Lab Sample ID: 460-72174-22
Client ID: PMP-13SW-WT
Sample Type: Client
Inject. Date: 13-Mar-2014 08:22:30 ALS Bottle#: 13 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0010790-014
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 12:19:53 Calib Date: 05-Mar-2014 23:36:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: bayoumiw Date: 14-Mar-2014 12:18:57

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown alkane						
6.248	468675	8.88	61	0	0		0	
		Unknown alkane						
6.572	1082531	20.5	61	0	0		0	
		Unknown						
6.689	482284	9.14	61					
	2245-38-7	Naphthalene, 1,6,7-trimethyl-						
7.001	487474	9.23	61	98	36213	C13H14	170	
	2245-38-7	Naphthalene, 1,6,7-trimethyl-						
7.036	635313	12.0	61	97	36213	C13H14	170	
		Unknown alkane						
7.101	1374771	26.0	61	0	0		0	
		Unknown alkane						
7.219	408217	7.73	61	0	0		0	
		Unknown alkane						
7.278	2561497	48.5	61	0	0		0	
		Unknown alkane						
7.495	2097105	39.7	61	0	0		0	
		Unknown alkane						
7.766	5983116	96.0	83	0	0		0	
		Unknown alkane						
7.936	795679	12.8	83	0	0		0	
		Unknown						
8.025	465092	7.46	83					

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown alkane						
8.189	2634417	42.3	83	0	0		0	
		Unknown alkane						
8.366	822187	13.2	83	0	0		0	
		Unknown alkane						
8.607	2229857	35.8	83	0	0		0	
	16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-						
8.672	754735	12.1	83	99	91788	C12H7Cl3	256	
		Unknown alkane						
8.766	635012	10.2	83	0	0		0	
	2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-						
8.866	800342	12.8	83	96	111724	C12H6Cl4	290	
		Unknown alkane						
9.007	806795	12.9	83	0	0		0	
		Unknown alkane						
9.383	935273	15.0	83	0	0		0	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	6.778	2111662	40.0
* 83 Phenanthrene-d10	8.225	2492949	40.0

QC Flag Legend

Processing Flags

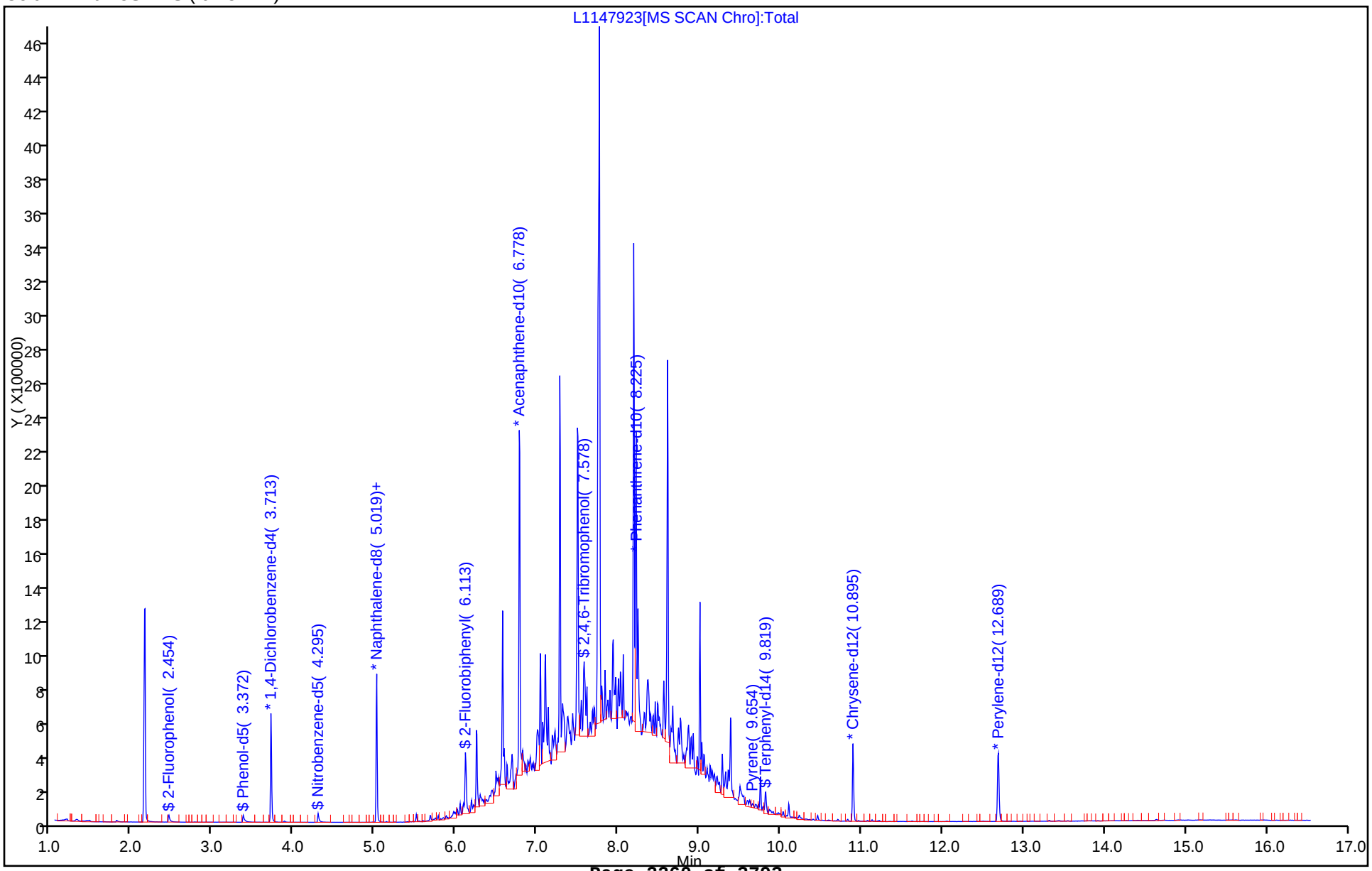
Report Date: 14-Mar-2014 12:19:53 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147923.D

Injection Date:	13-Mar-2014 08:22:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-72174-F-22-C	Lab Sample ID:	460-72174-22	Worklist Smp#:	14
Client ID:	PMP-13SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	13
Method:	8270_12R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



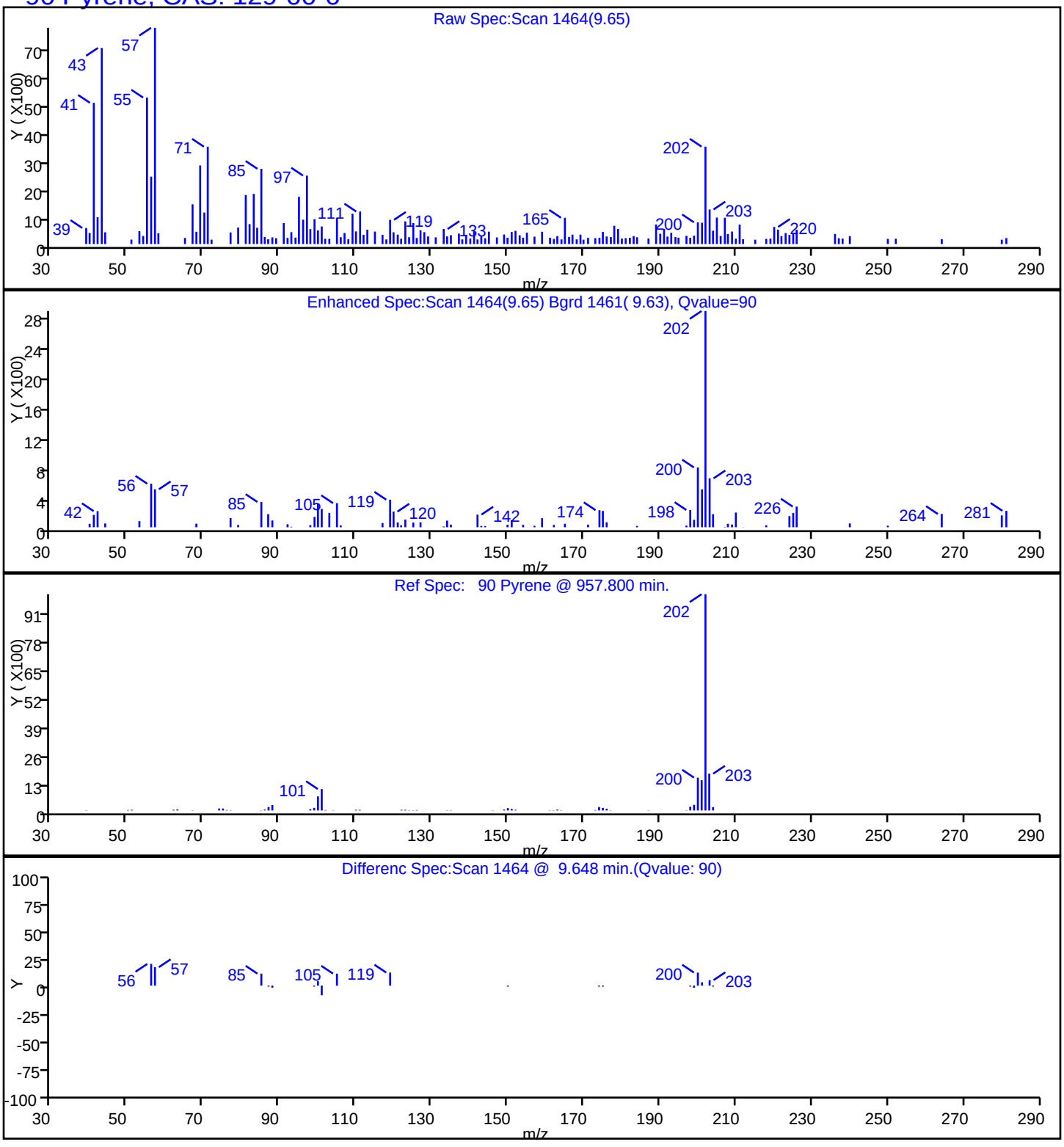
Report Date: 14-Mar-2014 12:19:53 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147923.D

Injection Date:	13-Mar-2014 08:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-22-C	Lab Sample ID:	460-72174-22		
Client ID:	PMP-13SW-WT				
Operator ID:	BNA 12	ALS Bottle#:	13	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Pyrene, CAS: 129-00-0



Report Date: 14-Mar-2014 12:19:53 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147923.D

Injection Date: 13-Mar-2014 08:22:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-22-C Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

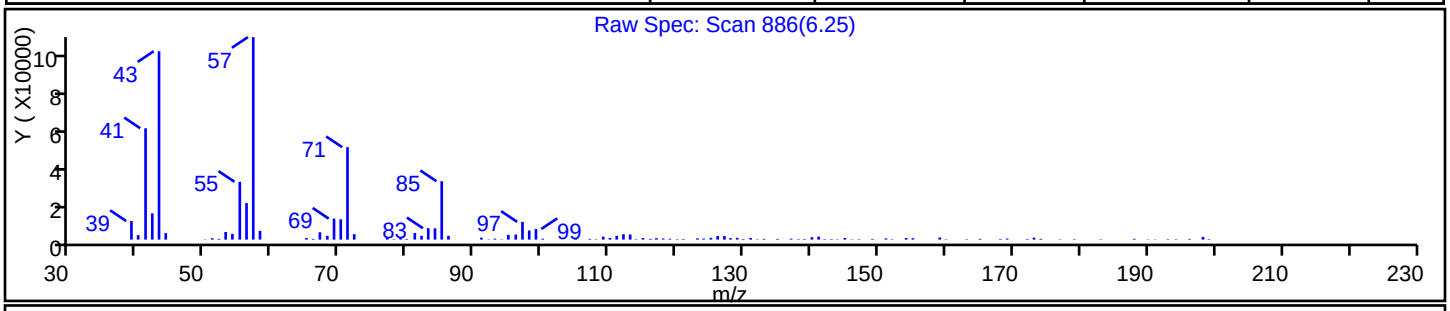
Operator ID: BNA 12 ALS Bottle#: 13 Worklist Smp#: 14

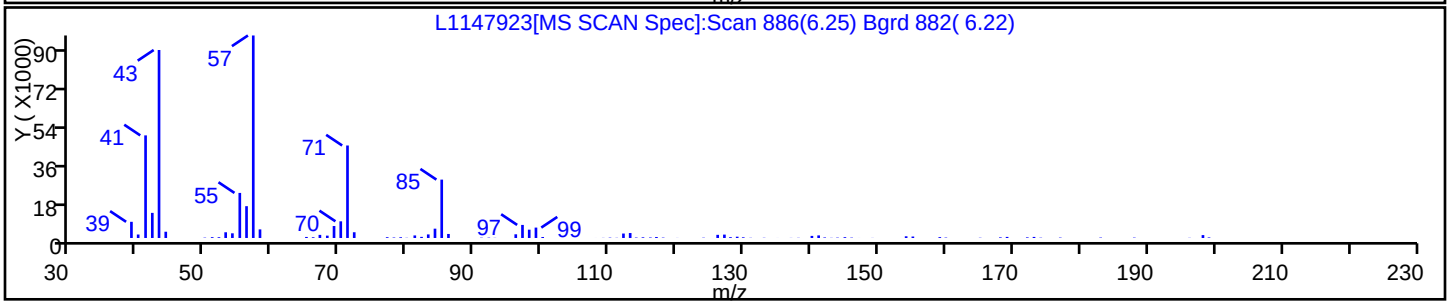
Injection Vol: 1.0 ul Dil. Factor: 5.0000

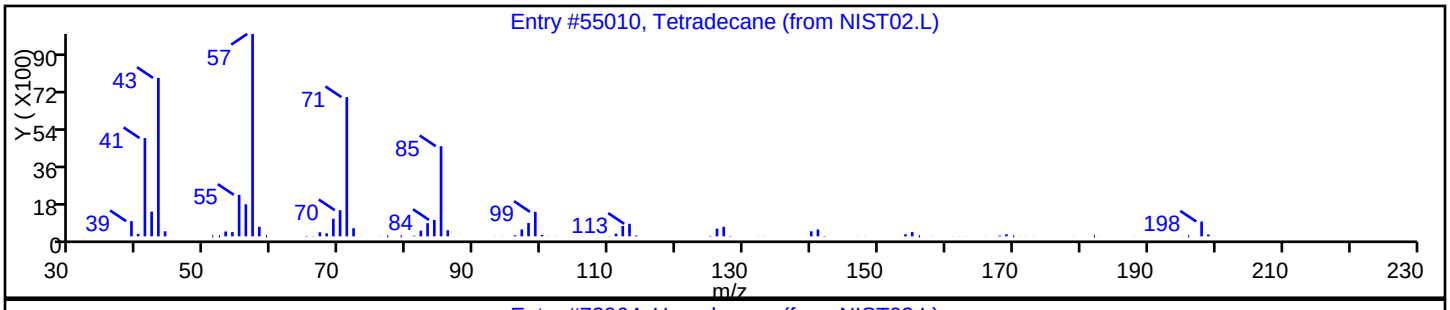
Method: 8270_12R Limit Group: SV 8270 ICAL

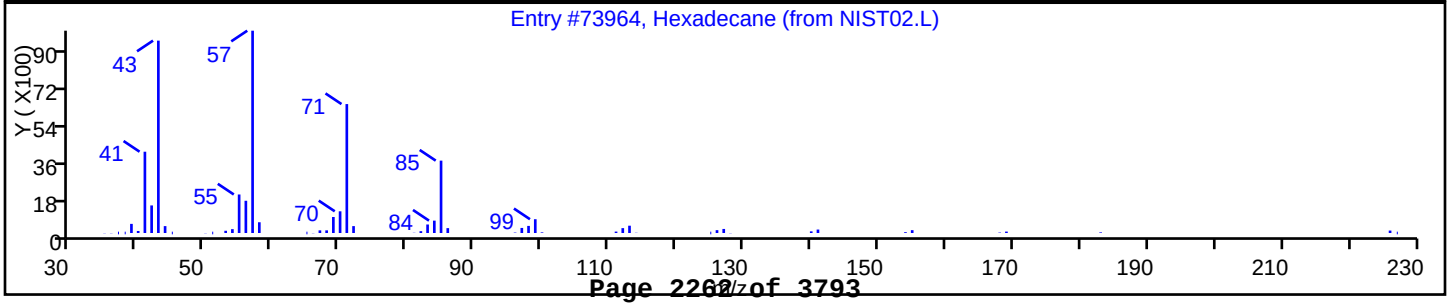
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Tetradecane	629-59-4	NIST02.L	55010	C14H30	198	90
Hexadecane	544-76-3	NIST02.L	73964	C16H34	226	90









Report Date: 14-Mar-2014 12:19:53 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147923.D

Injection Date: 13-Mar-2014 08:22:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-22-C Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

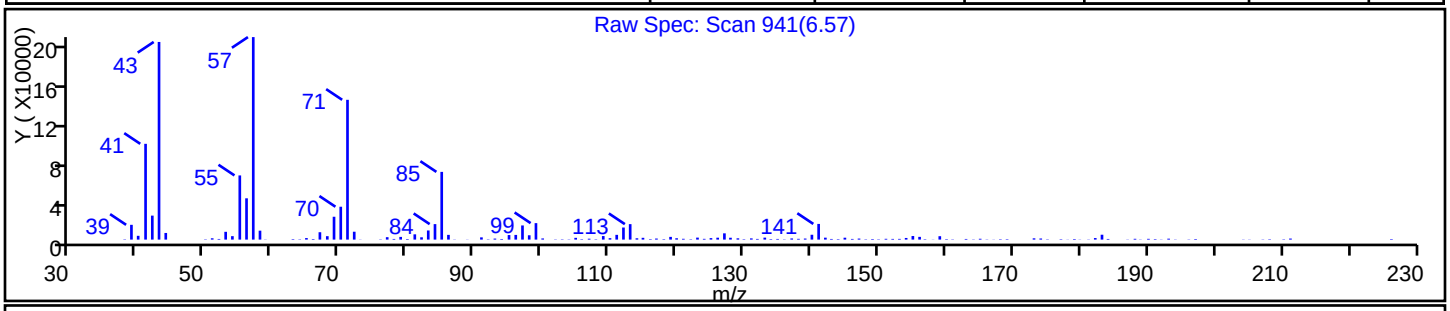
Operator ID: BNA 12 ALS Bottle#: 13 Worklist Smp#: 14

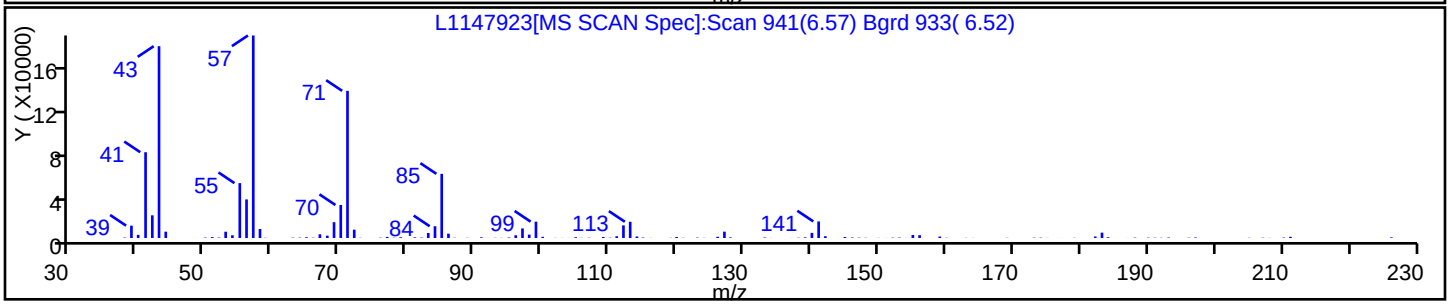
Injection Vol: 1.0 ul Dil. Factor: 5.0000

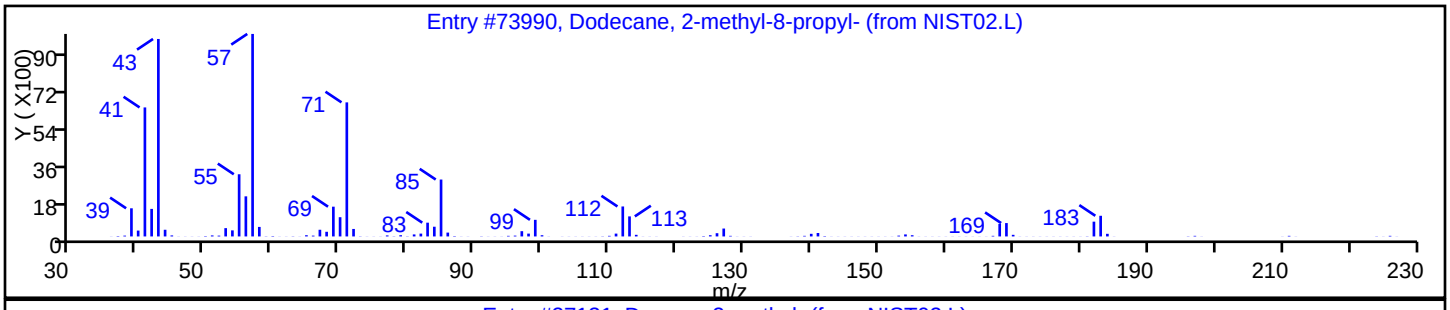
Method: 8270_12R Limit Group: SV 8270 ICAL

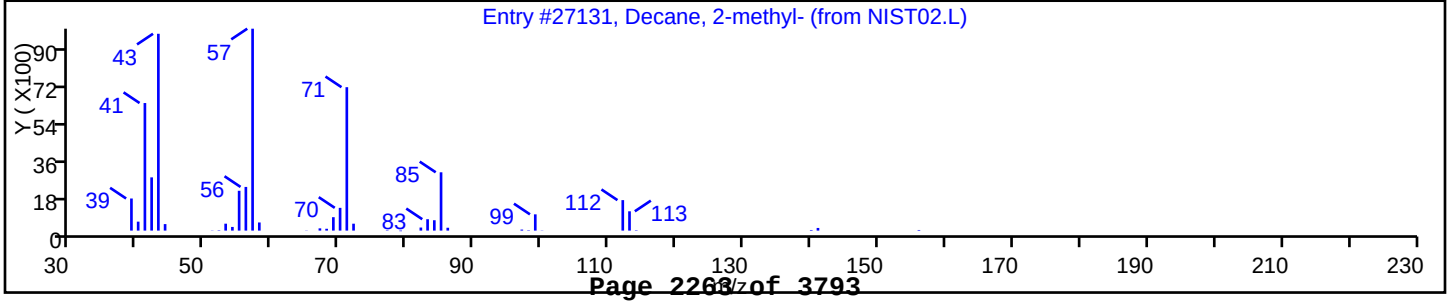
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Dodecane, 2-methyl-8-propyl-	55045-07-3	NIST02.L	73990	C16H34	226	91
Decane, 2-methyl-	6975-98-0	NIST02.L	27131	C11H24	156	90









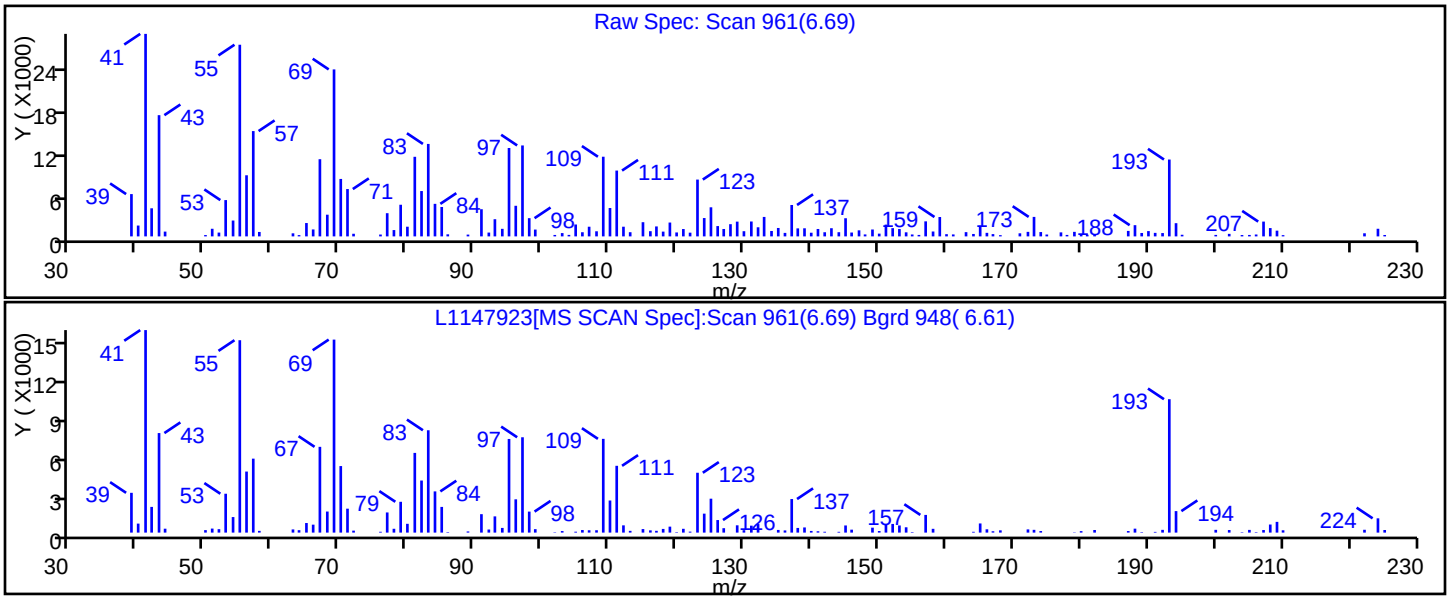
Report Date: 14-Mar-2014 12:19:53 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147923.D

Injection Date:	13-Mar-2014 08:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-22-C	Lab Sample ID:	460-72174-22		
Client ID:	PMP-13SW-WT				
Operator ID:	BNA 12	ALS Bottle#:	13	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 14-Mar-2014 12:19:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147923.D

Injection Date: 13-Mar-2014 08:22:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-22-C Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

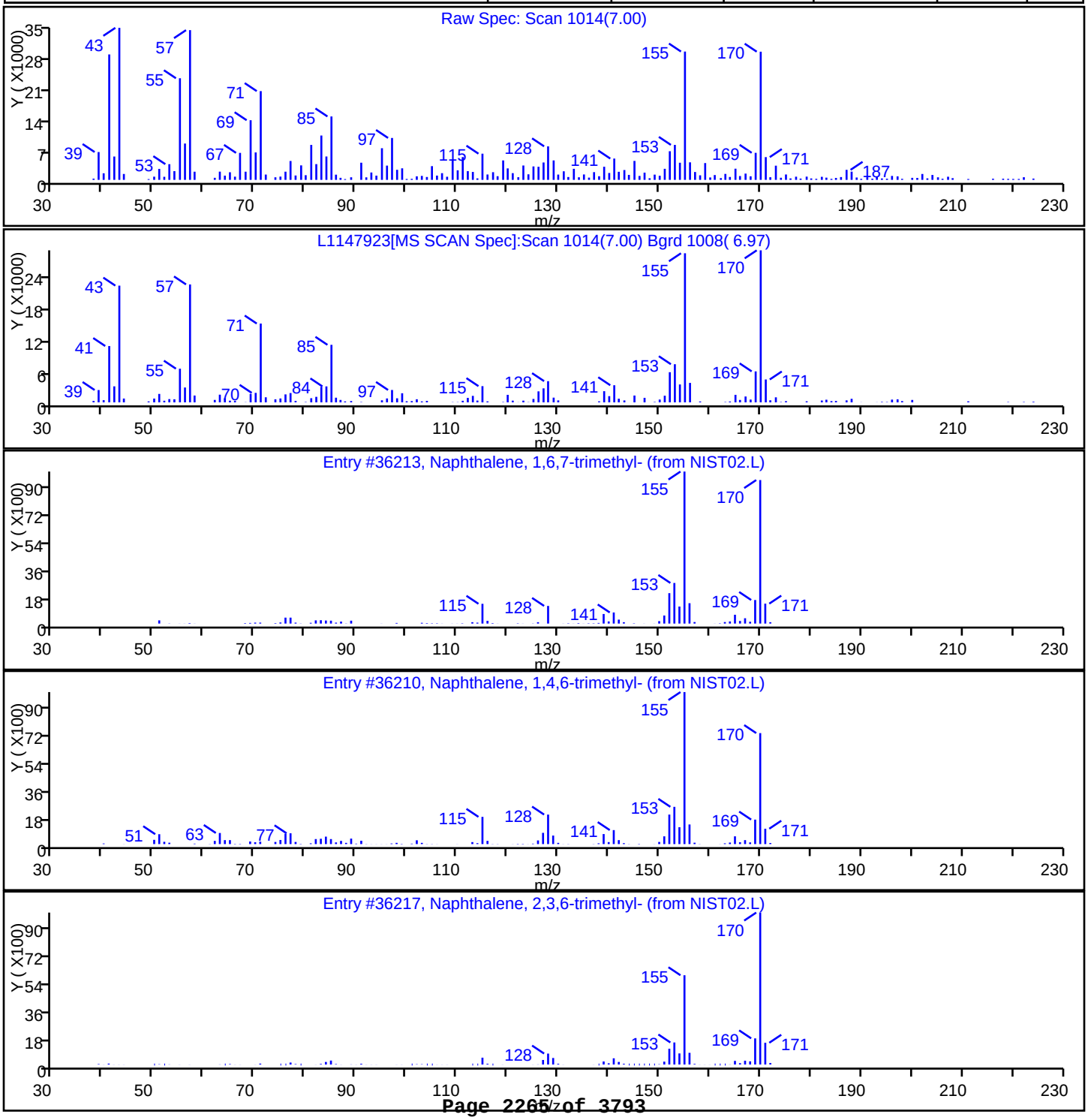
Operator ID: BNA 12 ALS Bottle#: 13 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36213	C13H14	170	98
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.L	36210	C13H14	170	95
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36217	C13H14	170	95



Report Date: 14-Mar-2014 12:19:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147923.D

Injection Date: 13-Mar-2014 08:22:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-22-C Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

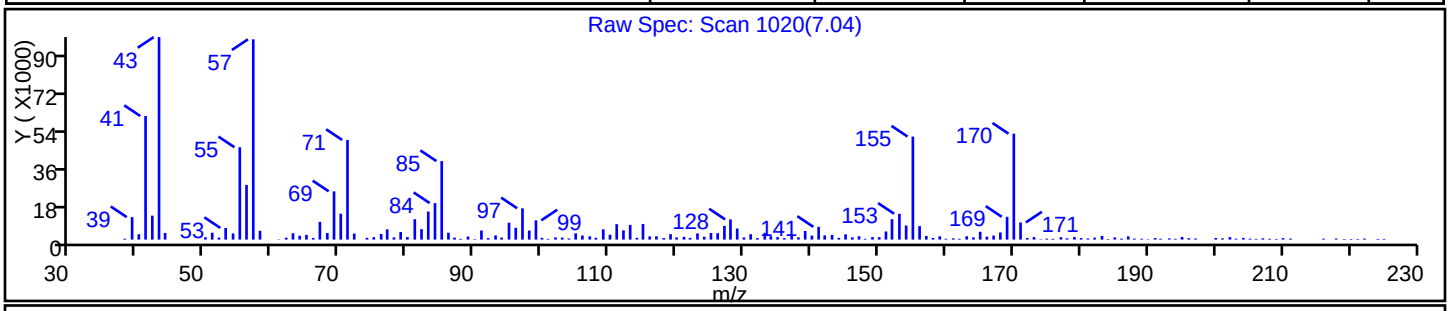
Operator ID: BNA 12 ALS Bottle#: 13 Worklist Smp#: 14

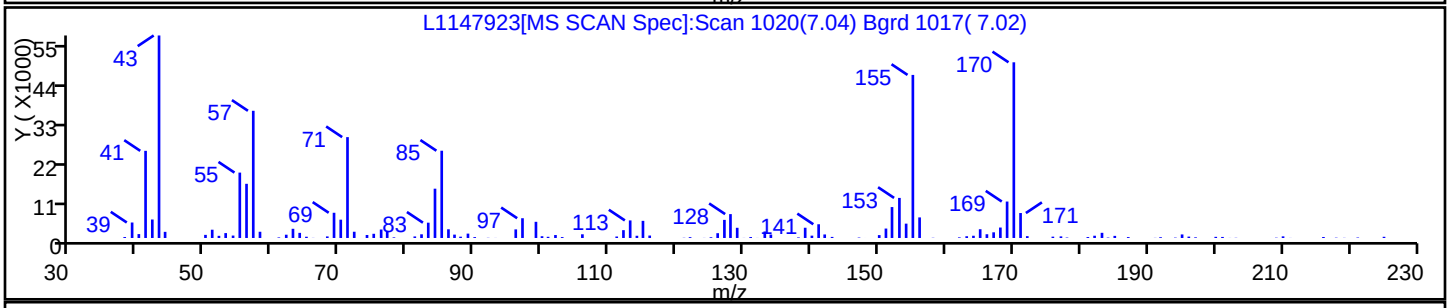
Injection Vol: 1.0 ul Dil. Factor: 5.0000

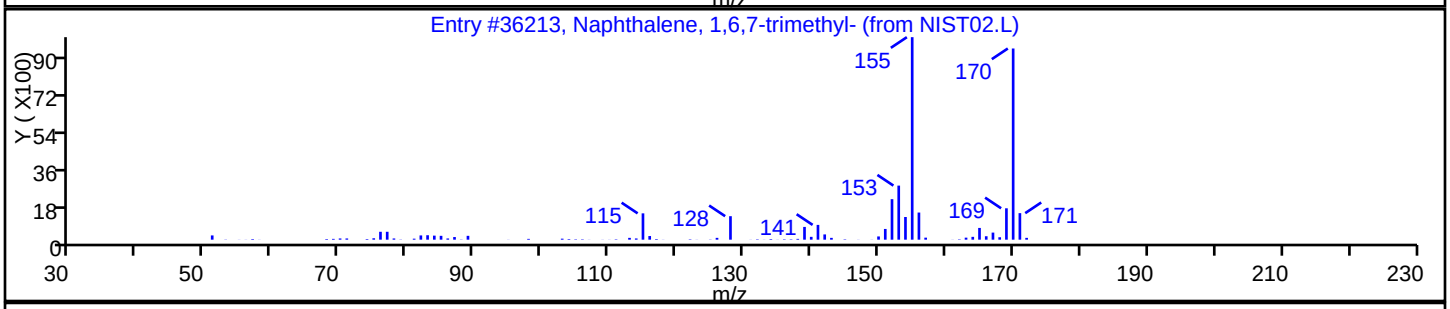
Method: 8270_12R Limit Group: SV 8270 ICAL

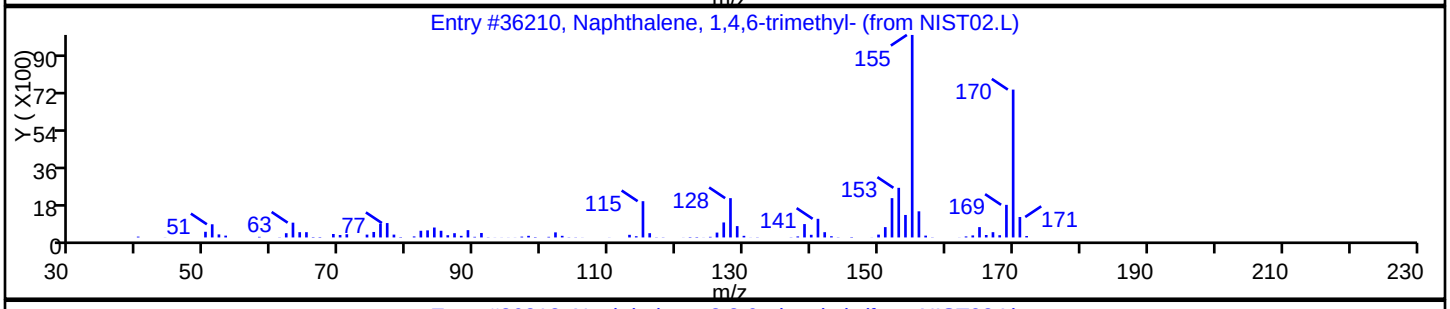
Column: Detector MS SCAN

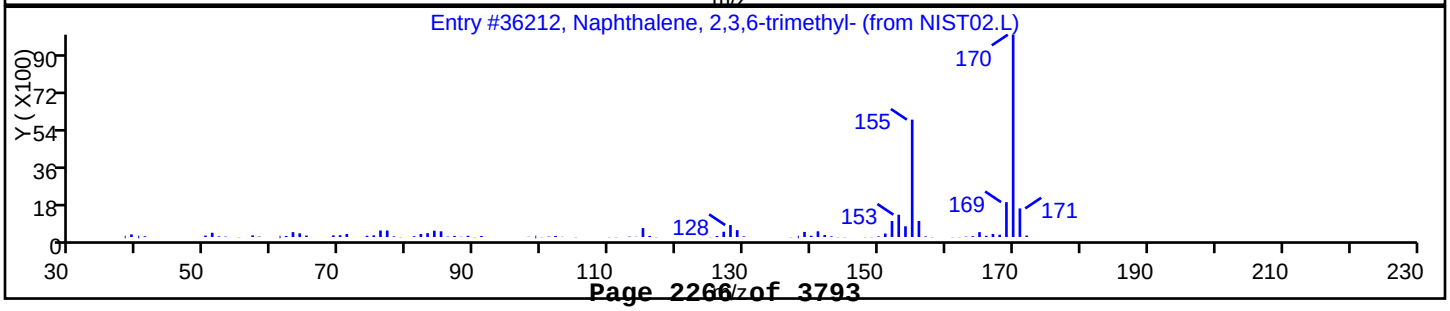
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36213	C13H14	170	97
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.L	36210	C13H14	170	93
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36212	C13H14	170	91











Report Date: 14-Mar-2014 12:19:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147923.D

Injection Date: 13-Mar-2014 08:22:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-22-C Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

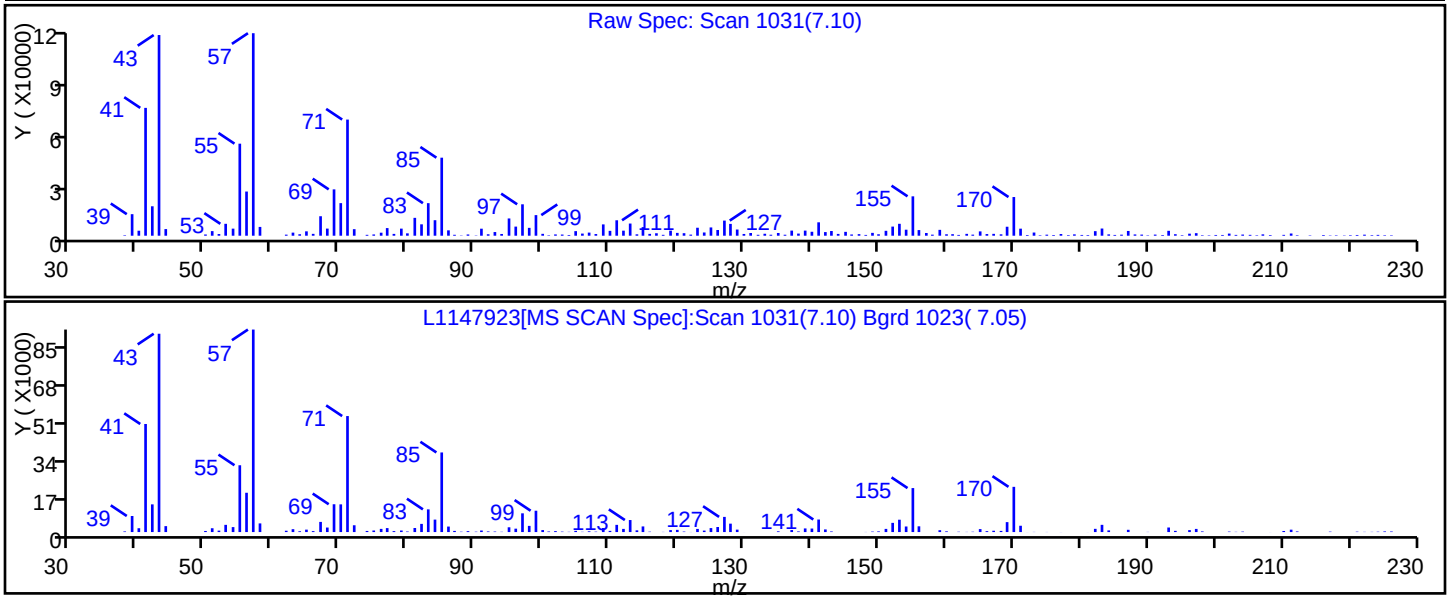
Operator ID: BNA 12 ALS Bottle#: 13 Worklist Smp#: 14

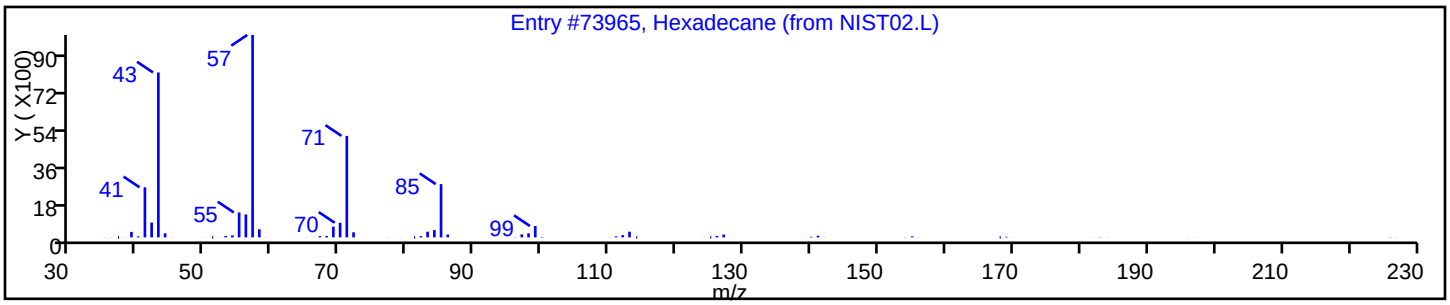
Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	92





Report Date: 14-Mar-2014 12:19:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147923.D

Injection Date: 13-Mar-2014 08:22:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-22-C Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

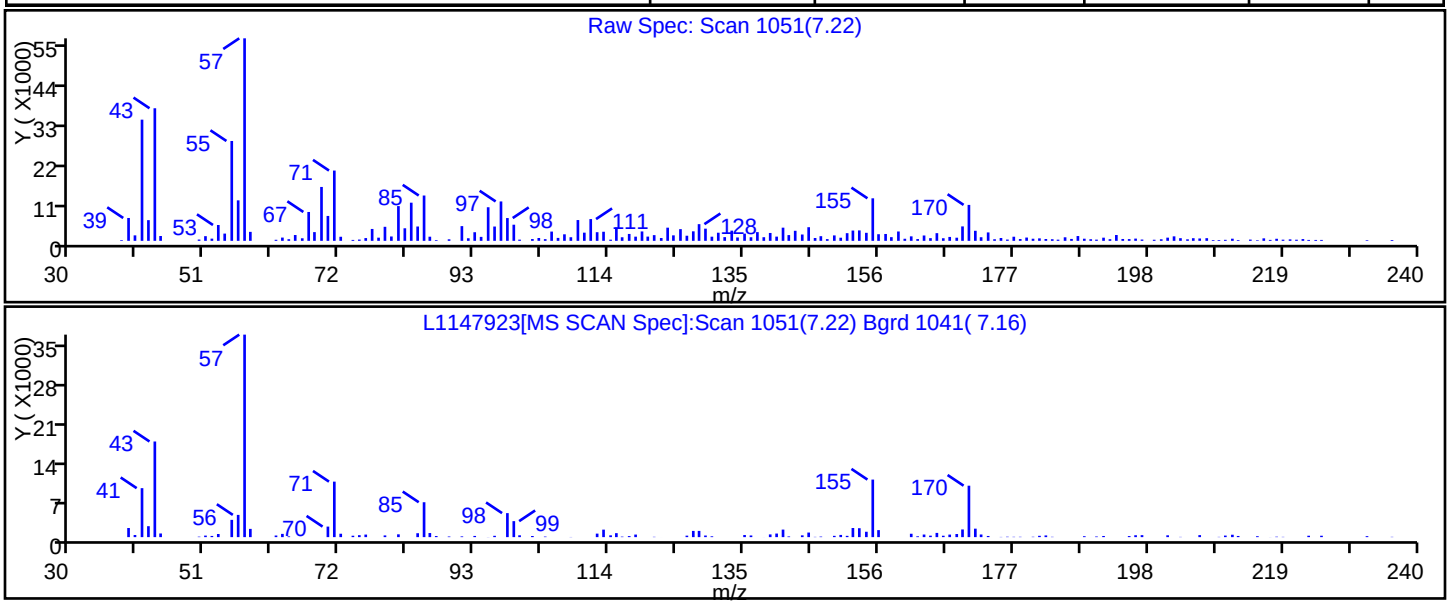
Operator ID: BNA 12 ALS Bottle#: 13 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0



Report Date: 14-Mar-2014 12:19:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147923.D

Injection Date: 13-Mar-2014 08:22:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-22-C Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

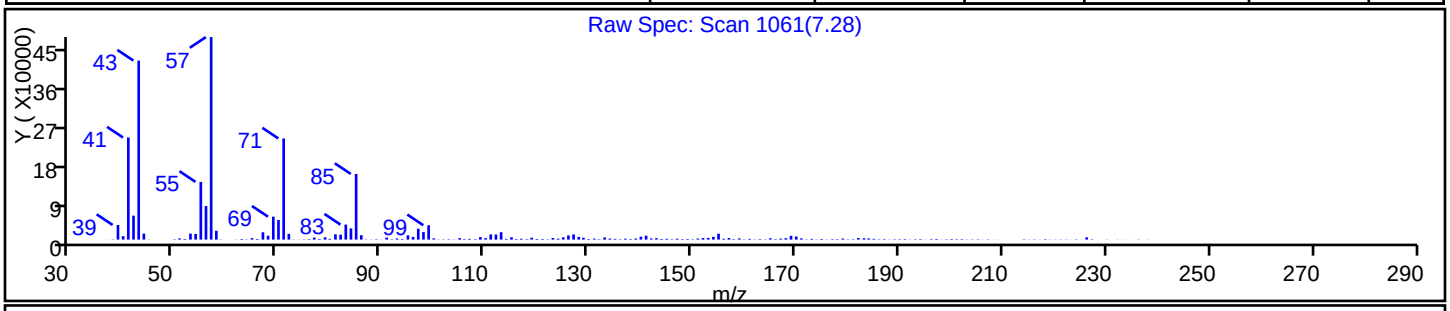
Operator ID: BNA 12 ALS Bottle#: 13 Worklist Smp#: 14

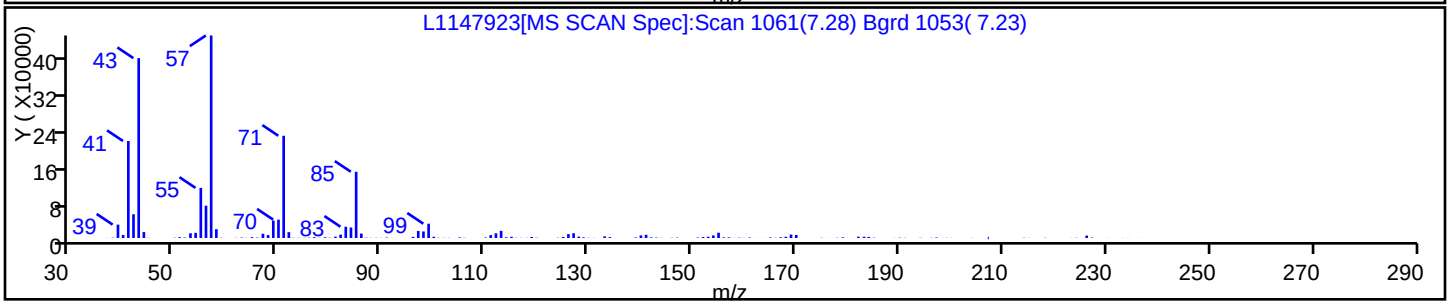
Injection Vol: 1.0 ul Dil. Factor: 5.0000

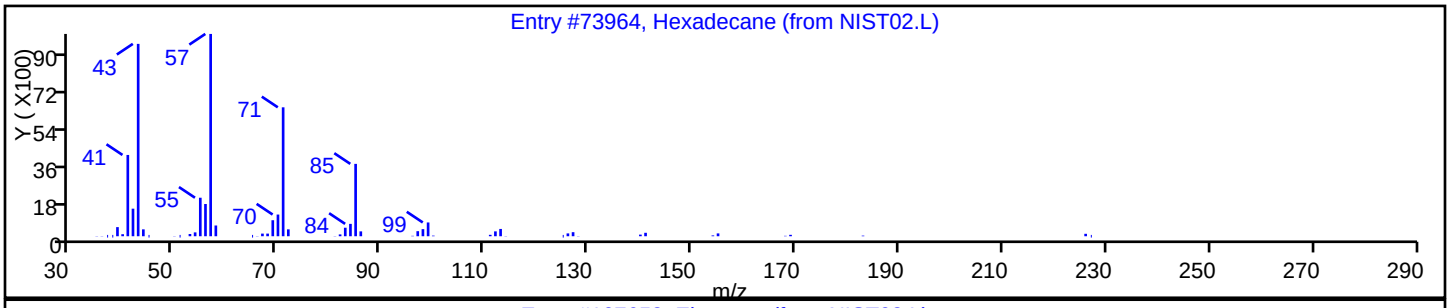
Method: 8270_12R Limit Group: SV 8270 ICAL

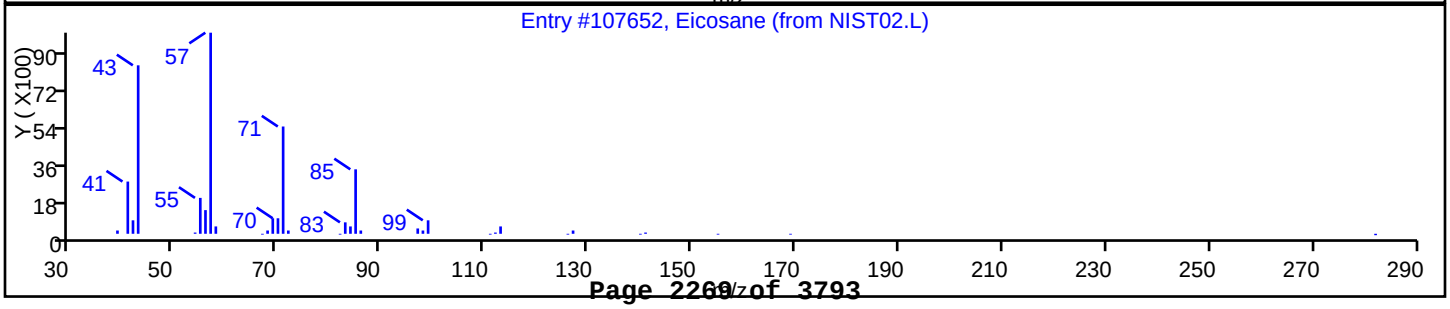
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane	544-76-3	NIST02.L	73964	C16H34	226	97
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91









Report Date: 14-Mar-2014 12:19:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147923.D

Injection Date: 13-Mar-2014 08:22:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-22-C Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

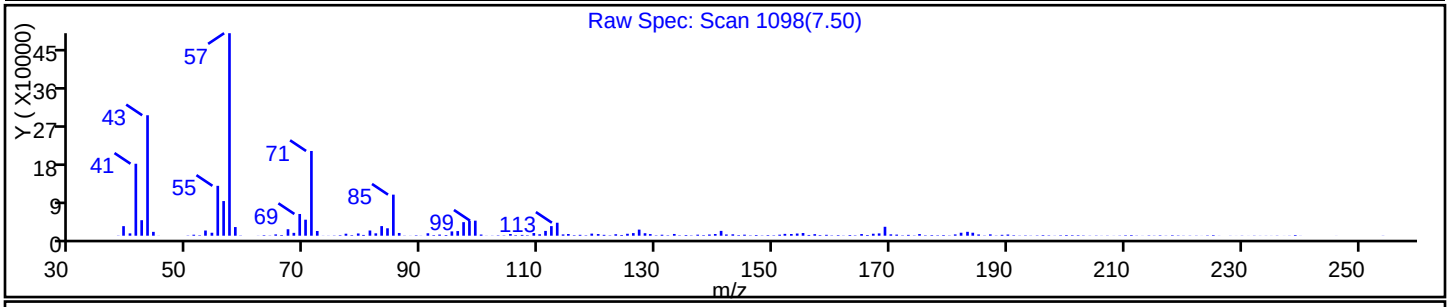
Operator ID: BNA 12 ALS Bottle#: 13 Worklist Smp#: 14

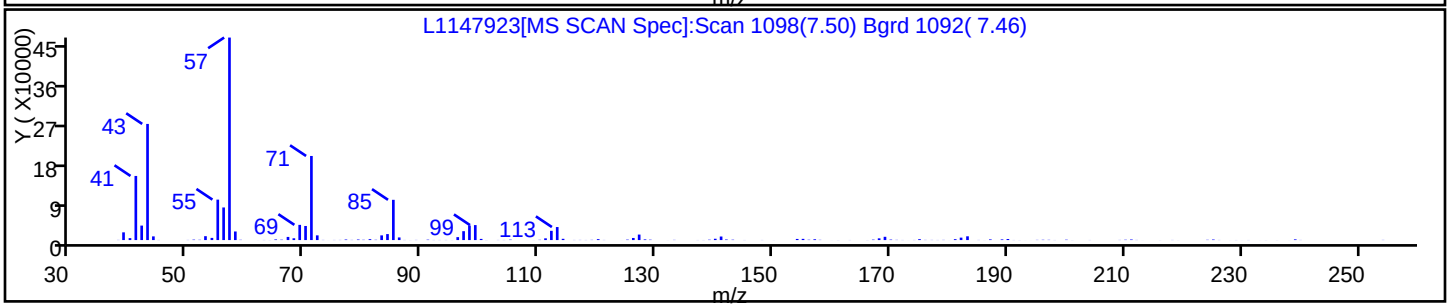
Injection Vol: 1.0 ul Dil. Factor: 5.0000

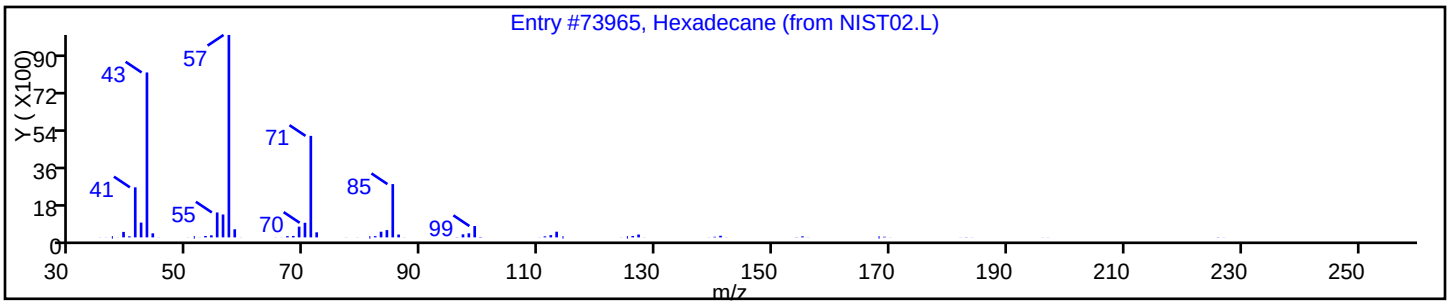
Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	80







Report Date: 14-Mar-2014 12:19:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147923.D

Injection Date: 13-Mar-2014 08:22:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-22-C Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

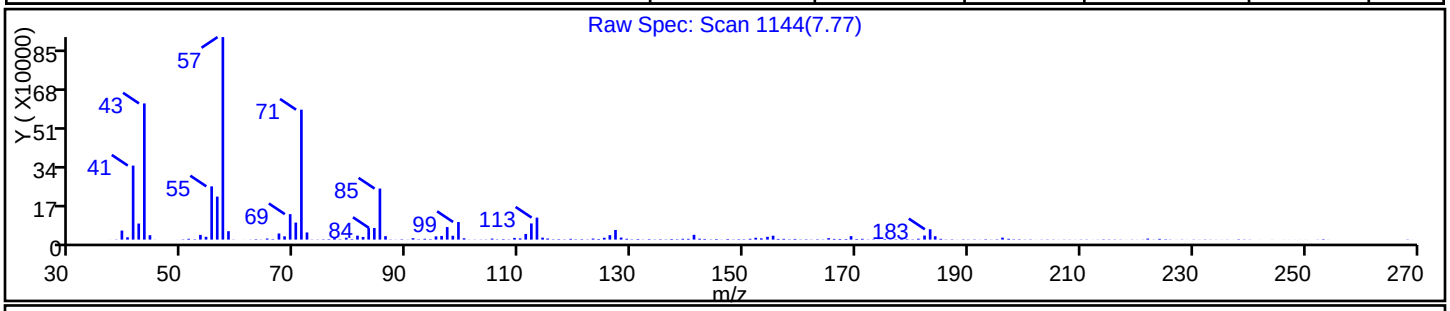
Operator ID: BNA 12 ALS Bottle#: 13 Worklist Smp#: 14

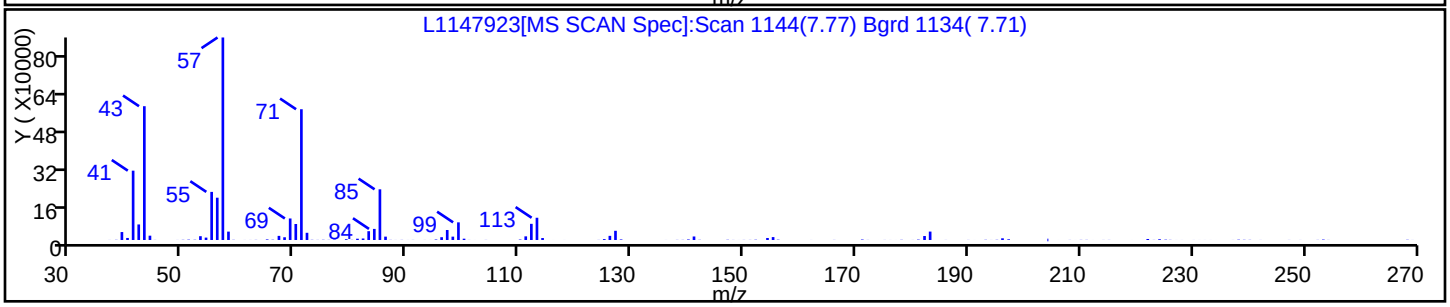
Injection Vol: 1.0 ul Dil. Factor: 5.0000

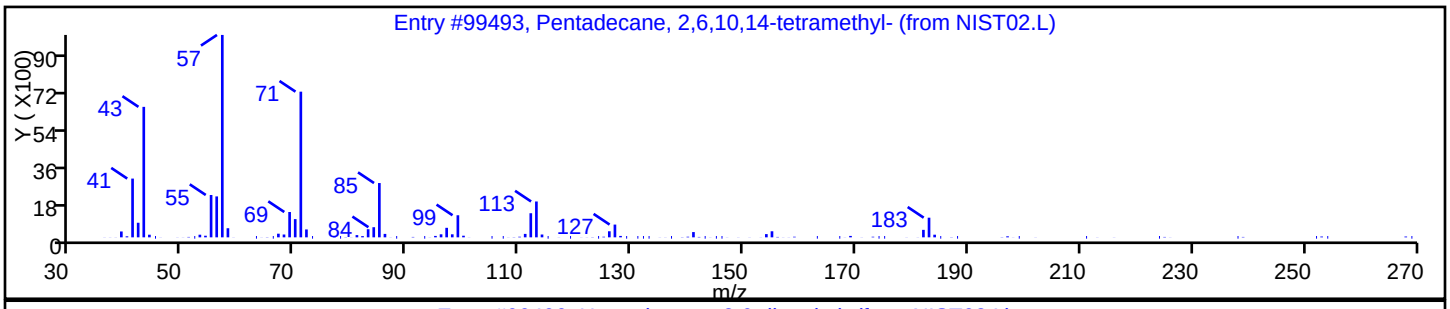
Method: 8270_12R Limit Group: SV 8270 ICAL

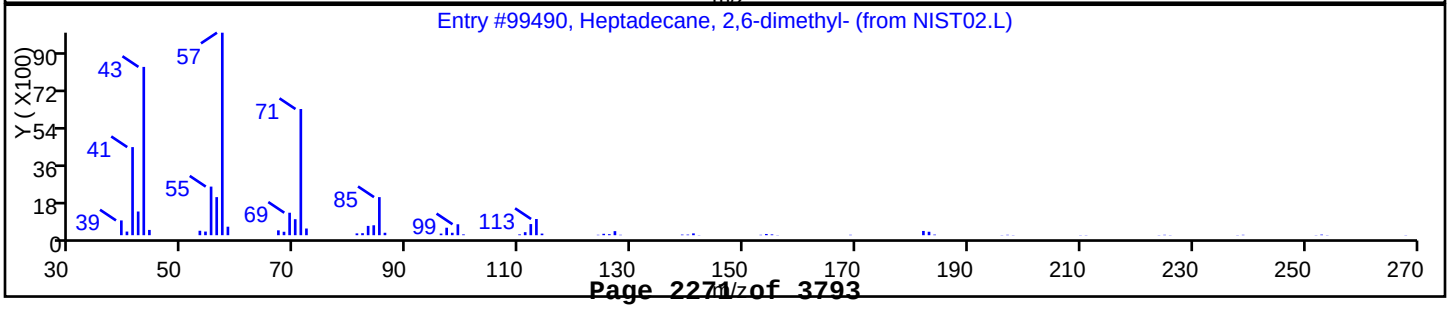
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99493	C19H40	268	96
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	C19H40	268	94









Report Date: 14-Mar-2014 12:19:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147923.D

Injection Date: 13-Mar-2014 08:22:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-22-C Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

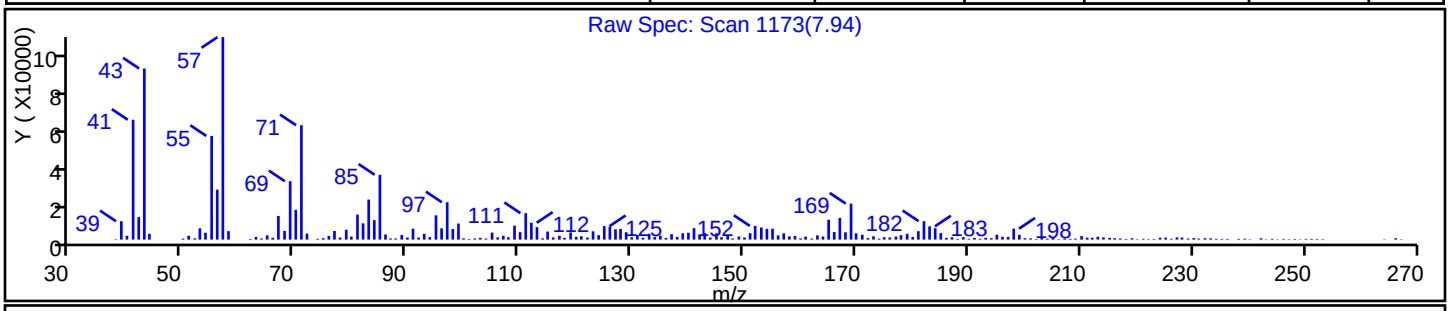
Operator ID: BNA 12 ALS Bottle#: 13 Worklist Smp#: 14

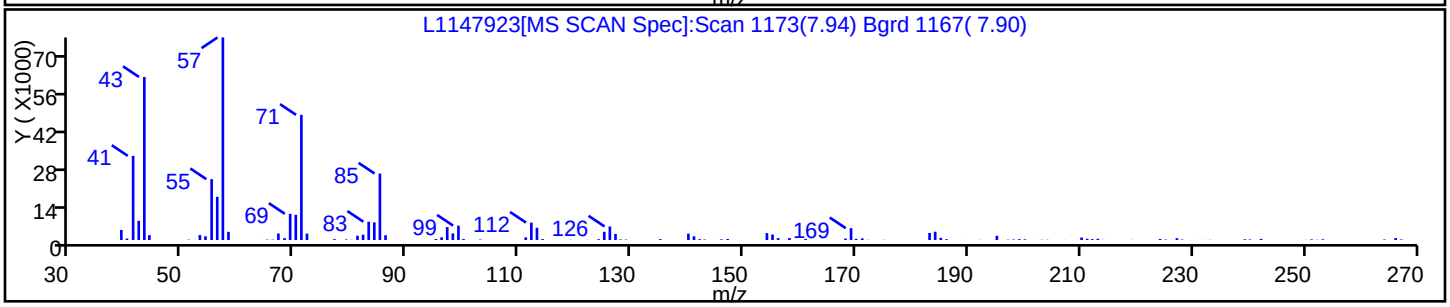
Injection Vol: 1.0 ul Dil. Factor: 5.0000

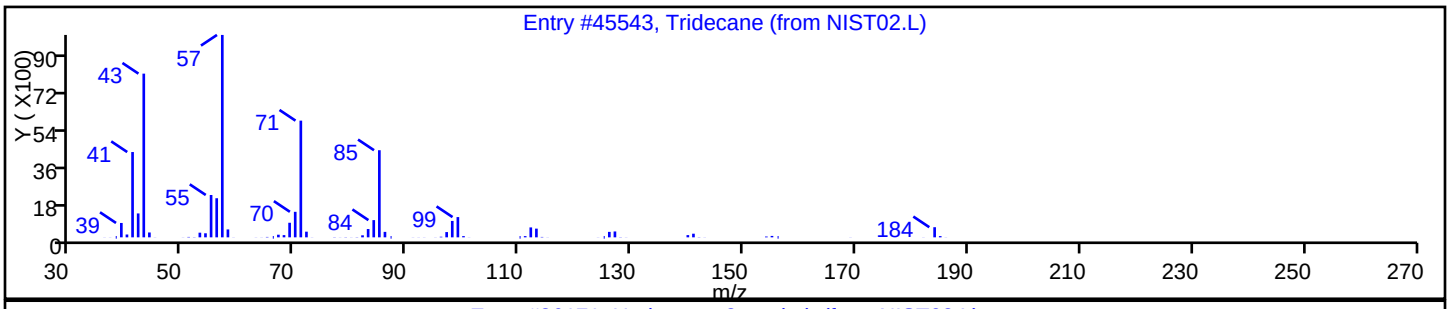
Method: 8270_12R Limit Group: SV 8270 ICAL

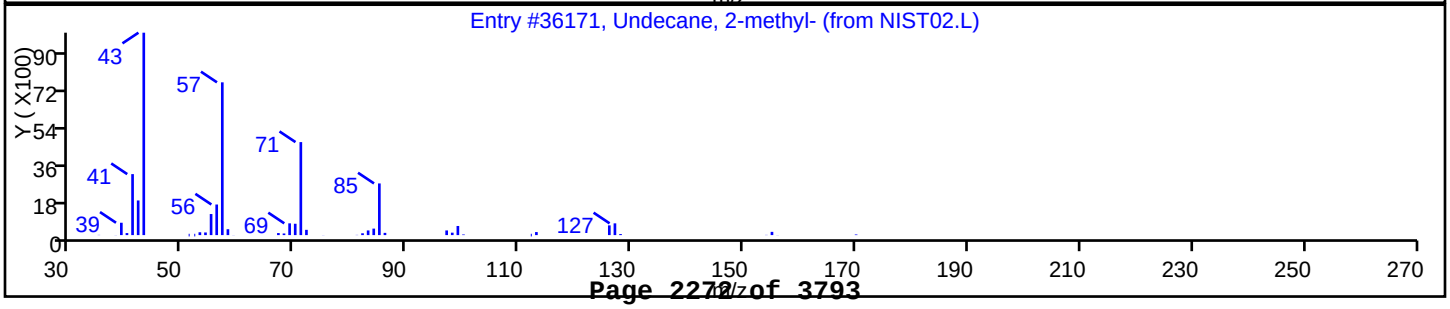
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Tridecane	629-50-5	NIST02.L	45543	C13H28	184	91
Undecane, 2-methyl-	7045-71-8	NIST02.L	36171	C12H26	170	81









Report Date: 14-Mar-2014 12:19:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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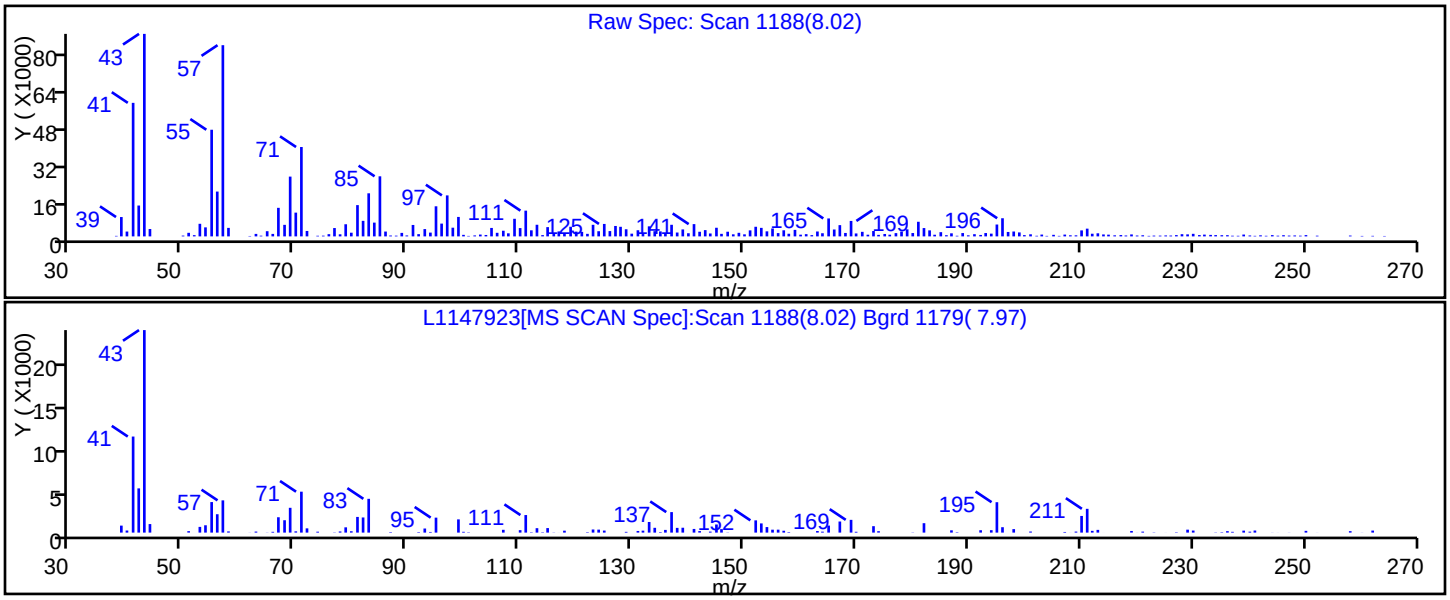
Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147923.D

Injection Date:	13-Mar-2014 08:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-22-C	Lab Sample ID:	460-72174-22		
Client ID:	PMP-13SW-WT				
Operator ID:	BNA 12	ALS Bottle#:	13	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 14-Mar-2014 12:19:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147923.D

Injection Date: 13-Mar-2014 08:22:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-22-C Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

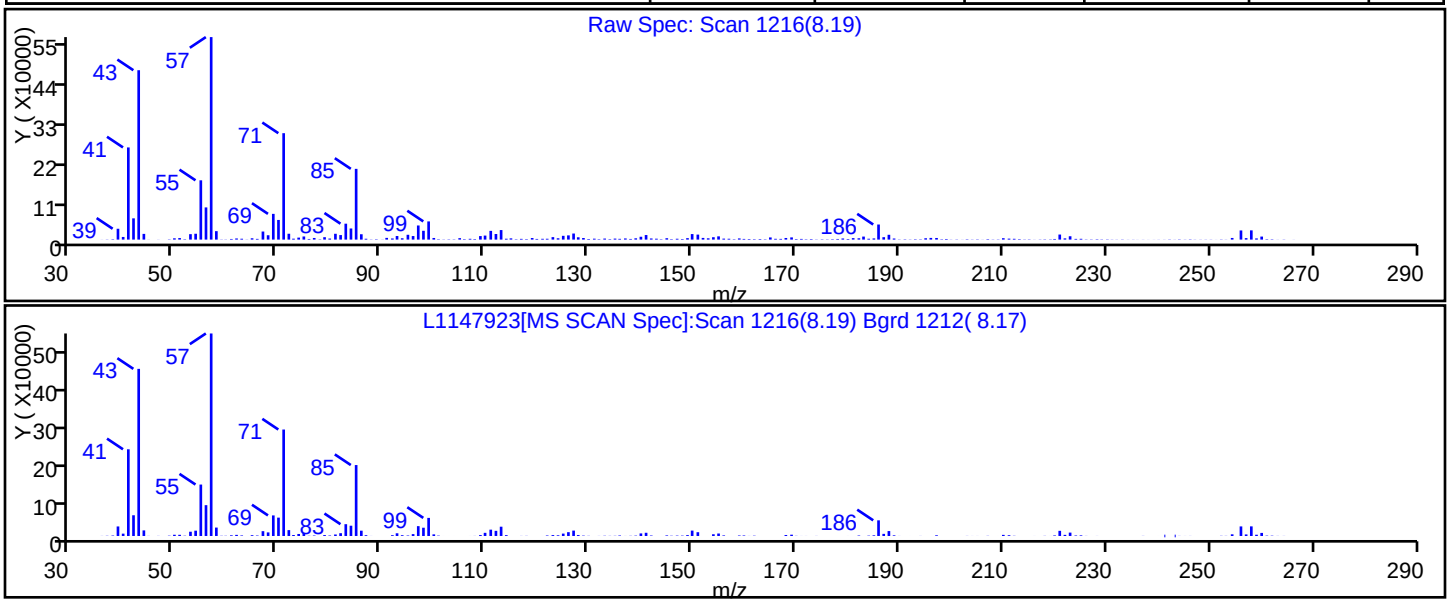
Operator ID: BNA 12 ALS Bottle#: 13 Worklist Smp#: 14

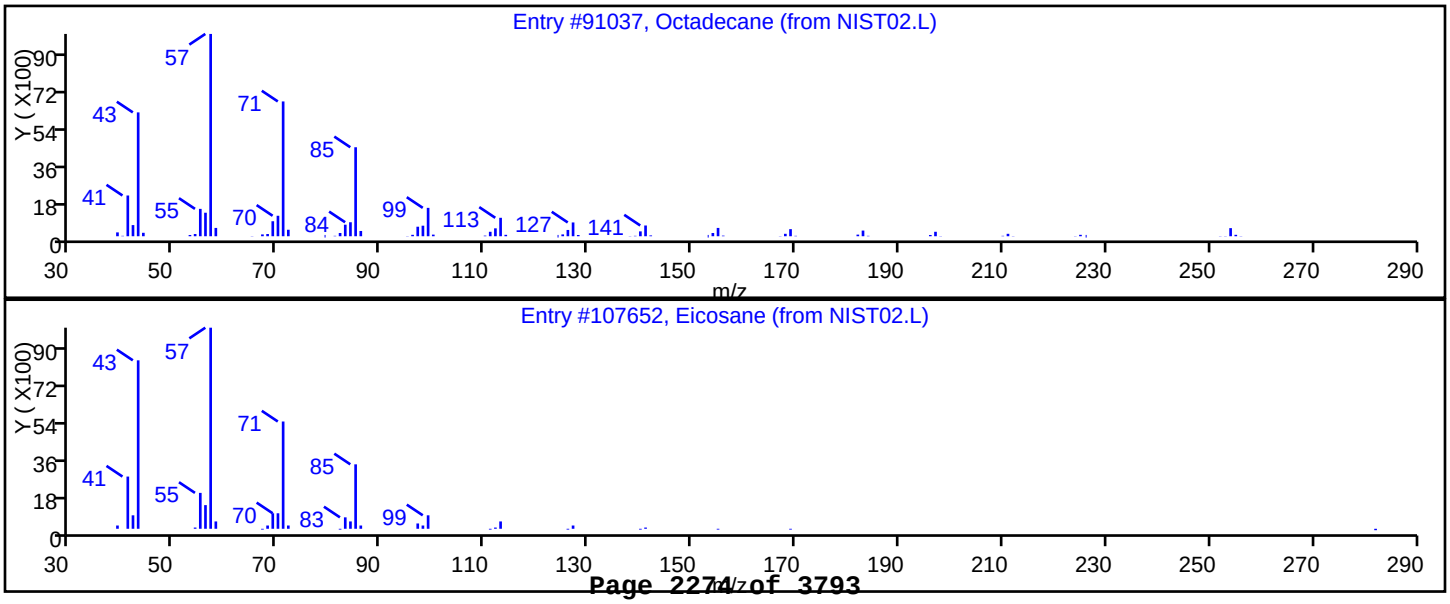
Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Octadecane	593-45-3	NIST02.L	91037	C18H38	254	94
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	81





Report Date: 14-Mar-2014 12:19:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147923.D

Injection Date: 13-Mar-2014 08:22:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-22-C Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

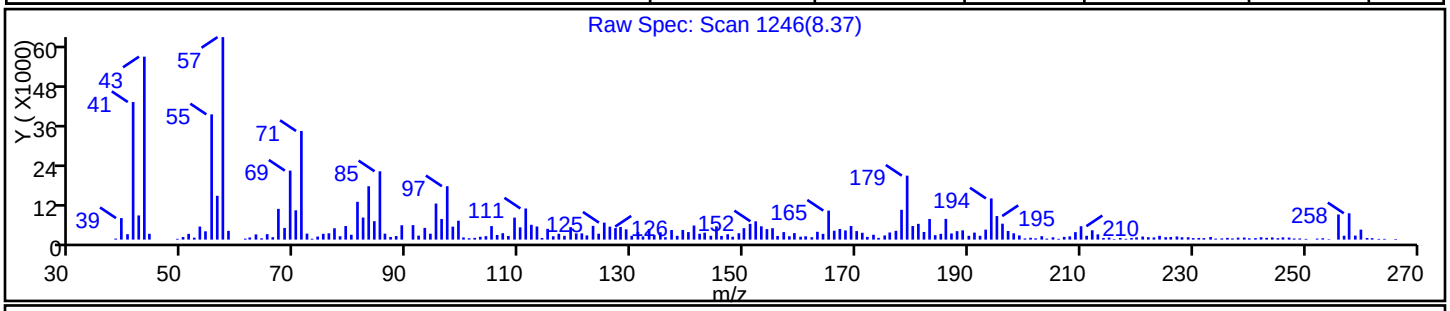
Operator ID: BNA 12 ALS Bottle#: 13 Worklist Smp#: 14

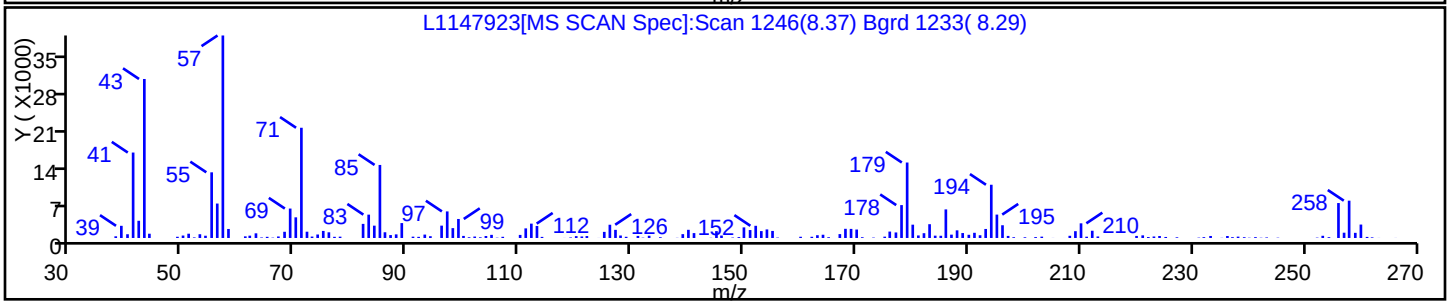
Injection Vol: 1.0 ul Dil. Factor: 5.0000

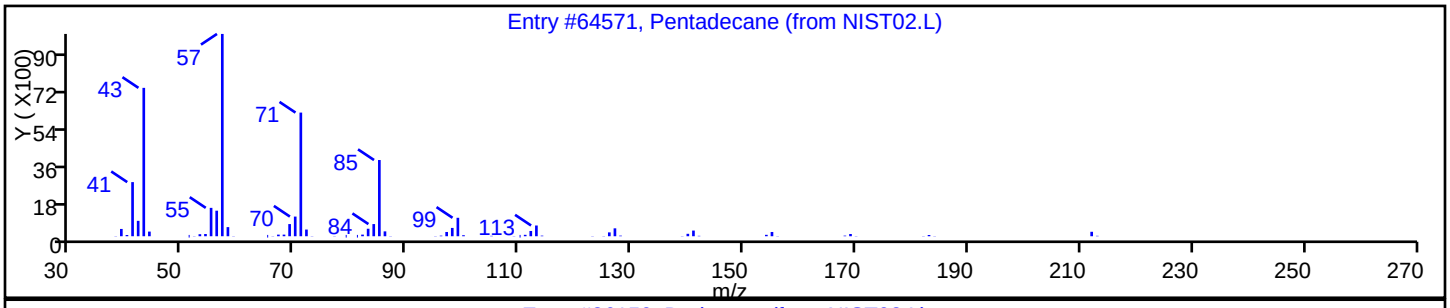
Method: 8270_12R Limit Group: SV 8270 ICAL

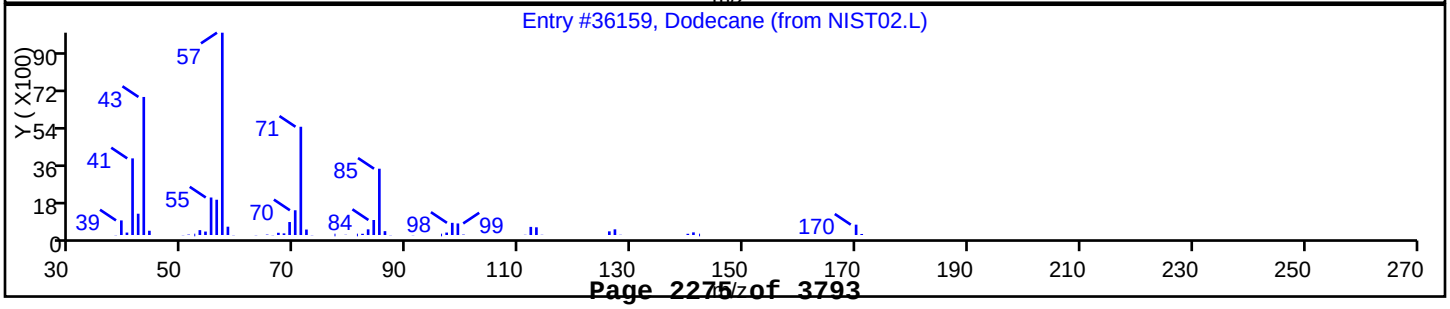
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Pentadecane	629-62-9	NIST02.L	64571	C15H32	212	89
Dodecane	112-40-3	NIST02.L	36159	C12H26	170	86









Report Date: 14-Mar-2014 12:19:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147923.D

Injection Date: 13-Mar-2014 08:22:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-22-C Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

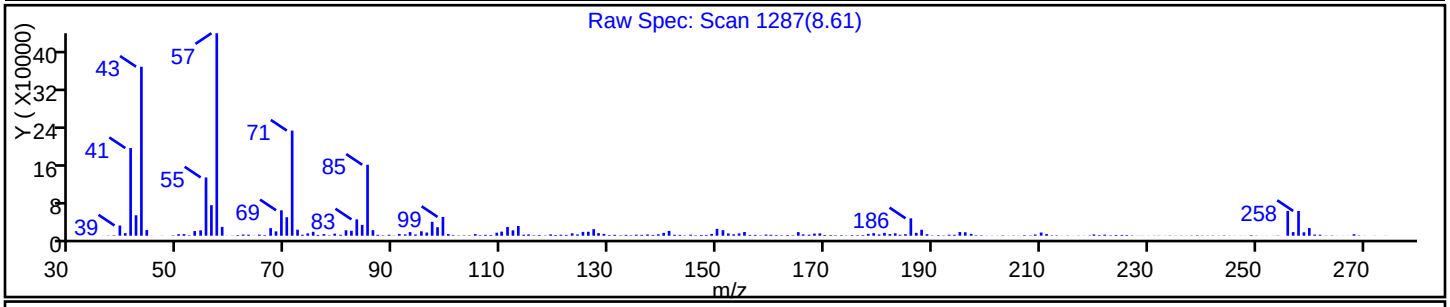
Operator ID: BNA 12 ALS Bottle#: 13 Worklist Smp#: 14

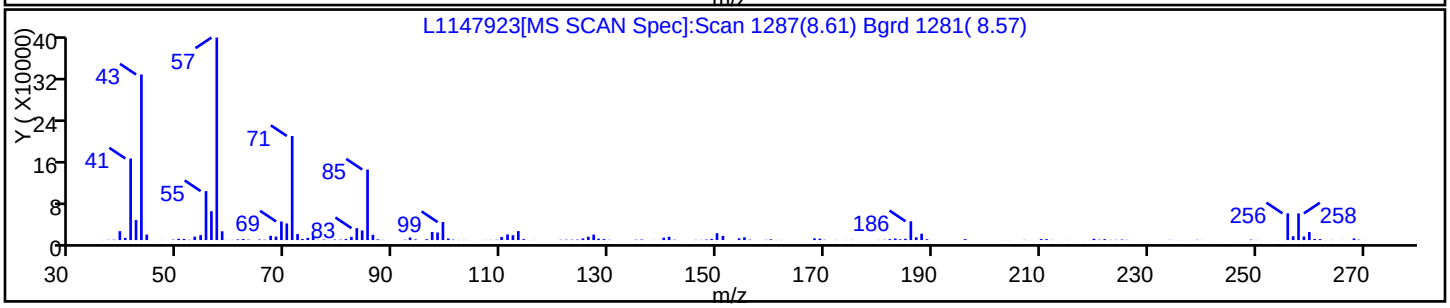
Injection Vol: 1.0 ul Dil. Factor: 5.0000

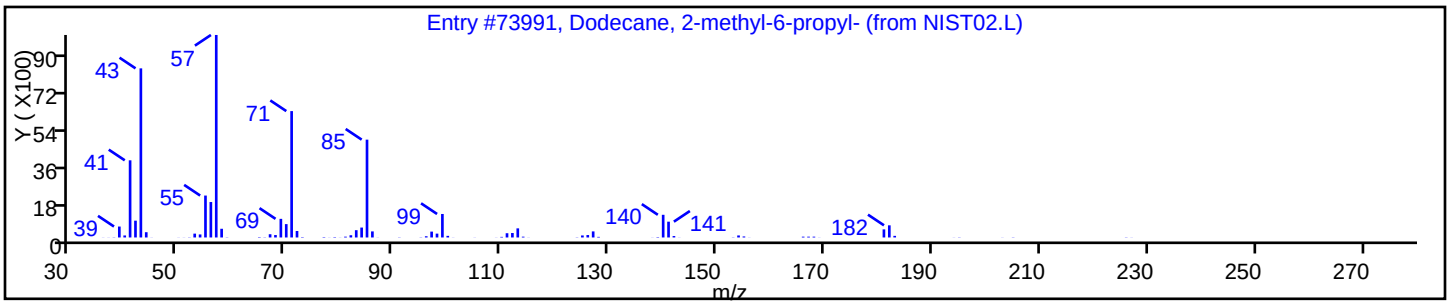
Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Dodecane, 2-methyl-6-propyl-	55045-08-4	NIST02.L	73991	C16H34	226	86







Report Date: 14-Mar-2014 12:19:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147923.D

Injection Date: 13-Mar-2014 08:22:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-22-C Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

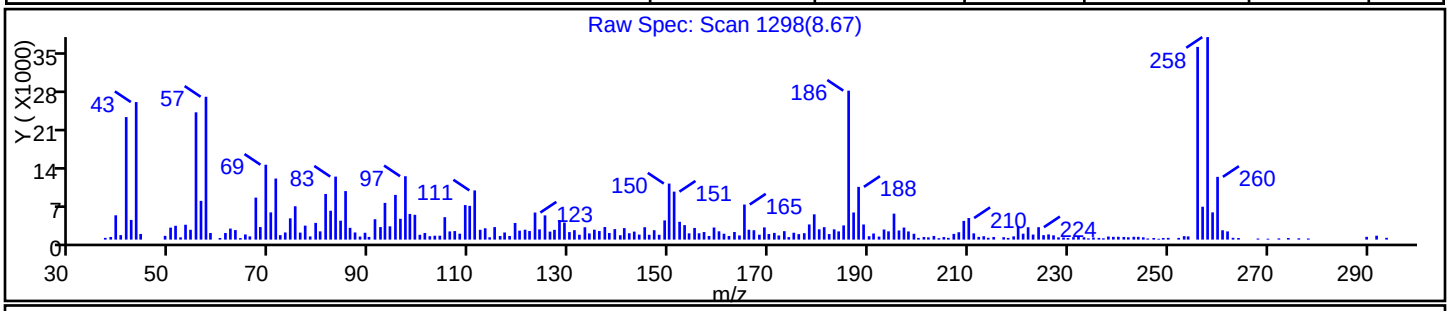
Operator ID: BNA 12 ALS Bottle#: 13 Worklist Smp#: 14

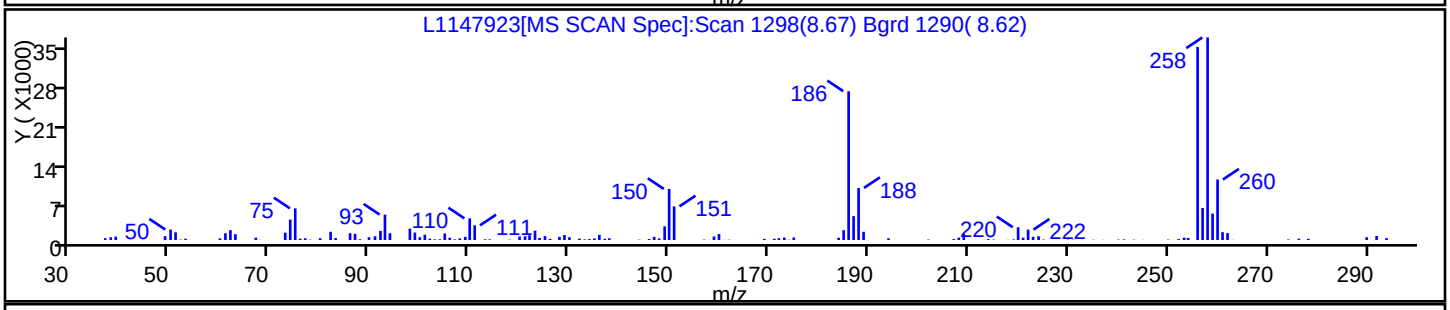
Injection Vol: 1.0 ul Dil. Factor: 5.0000

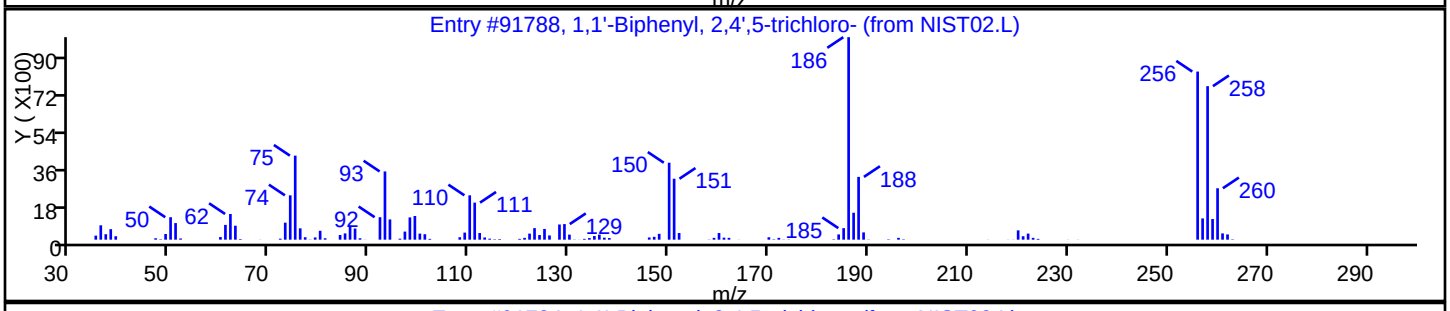
Method: 8270_12R Limit Group: SV 8270 ICAL

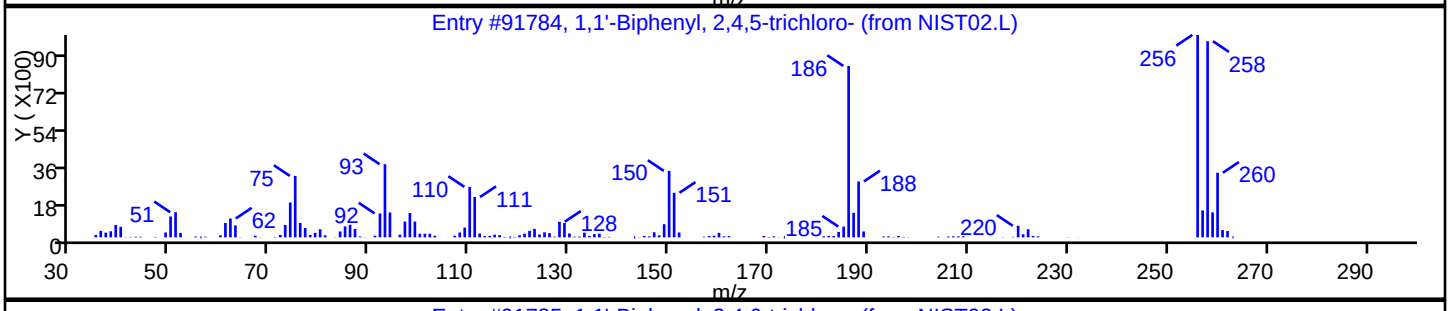
Column: Detector MS SCAN

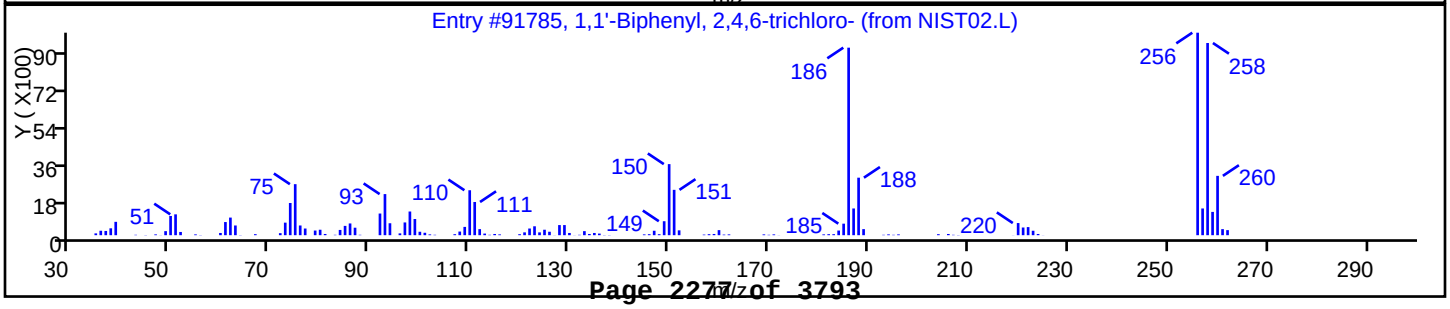
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	99
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.L	91784	C12H7Cl3	256	98
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.L	91785	C12H7Cl3	256	98











Report Date: 14-Mar-2014 12:19:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147923.D

Injection Date: 13-Mar-2014 08:22:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-22-C Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

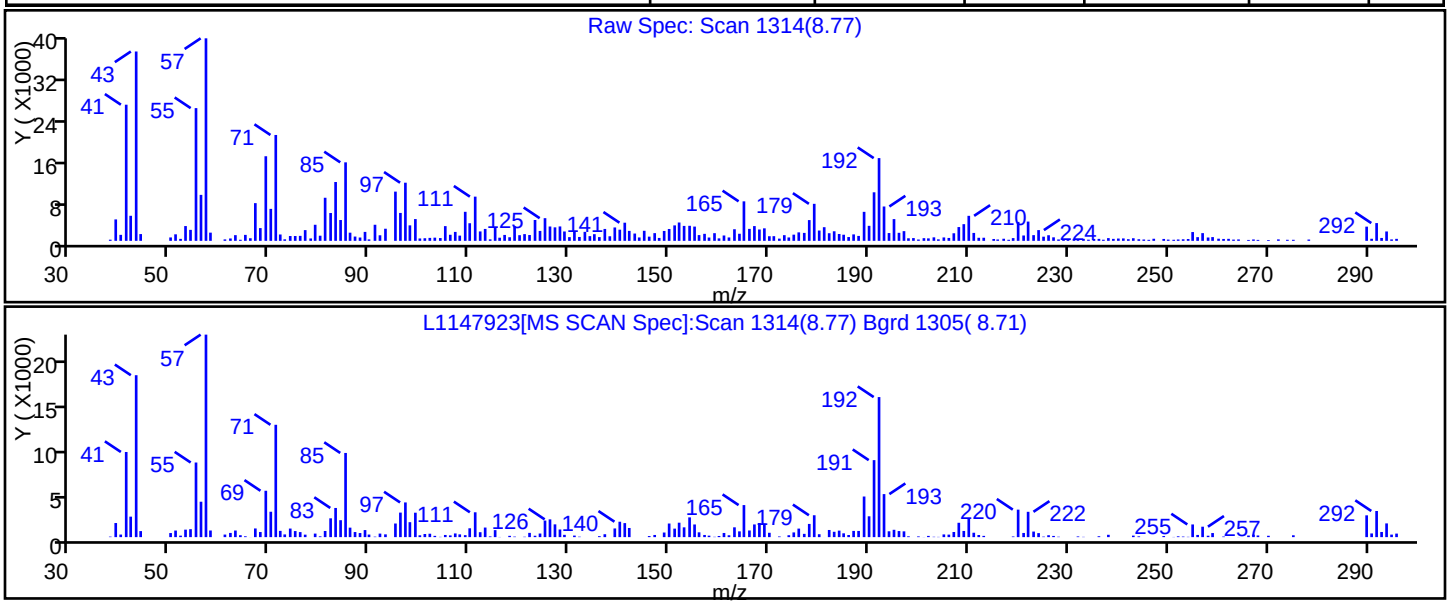
Operator ID: BNA 12 ALS Bottle#: 13 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0



Report Date: 14-Mar-2014 12:19:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147923.D

Injection Date: 13-Mar-2014 08:22:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-22-C Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

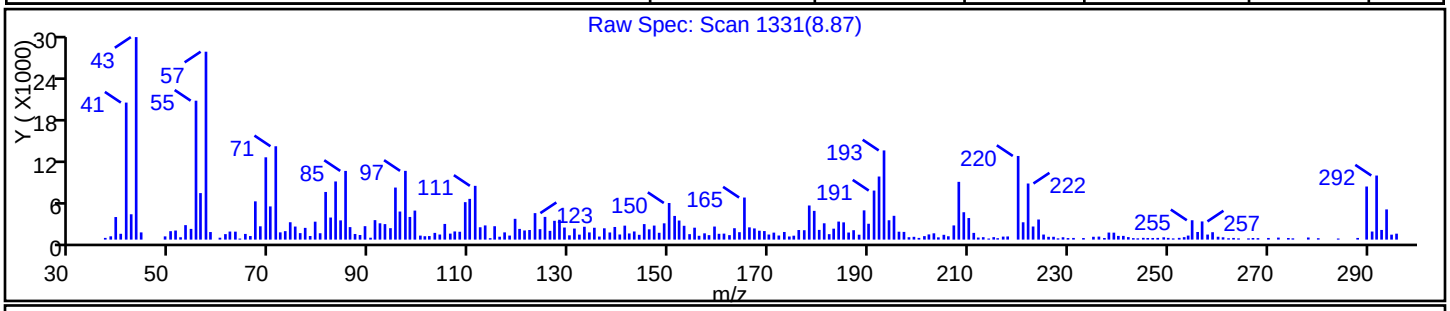
Operator ID: BNA 12 ALS Bottle#: 13 Worklist Smp#: 14

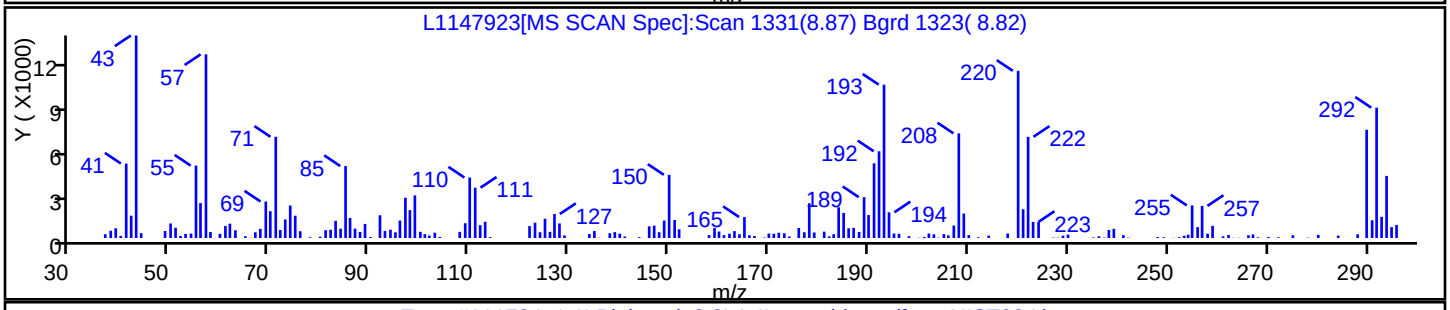
Injection Vol: 1.0 ul Dil. Factor: 5.0000

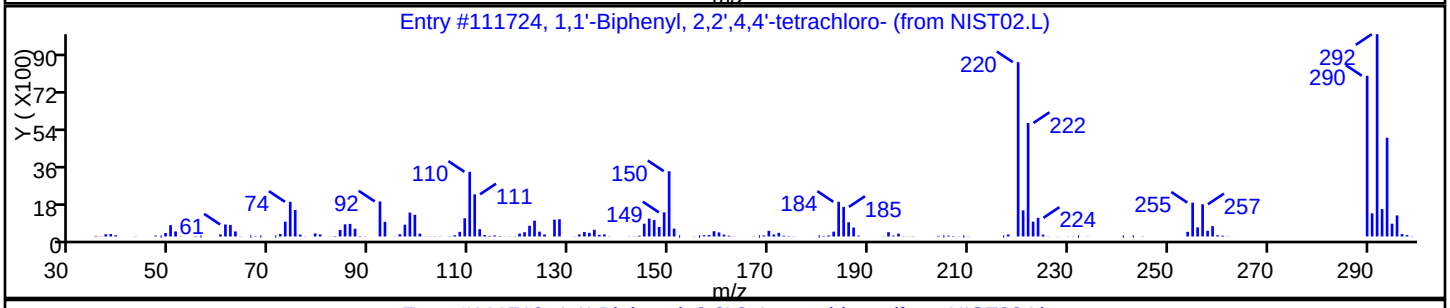
Method: 8270_12R Limit Group: SV 8270 ICAL

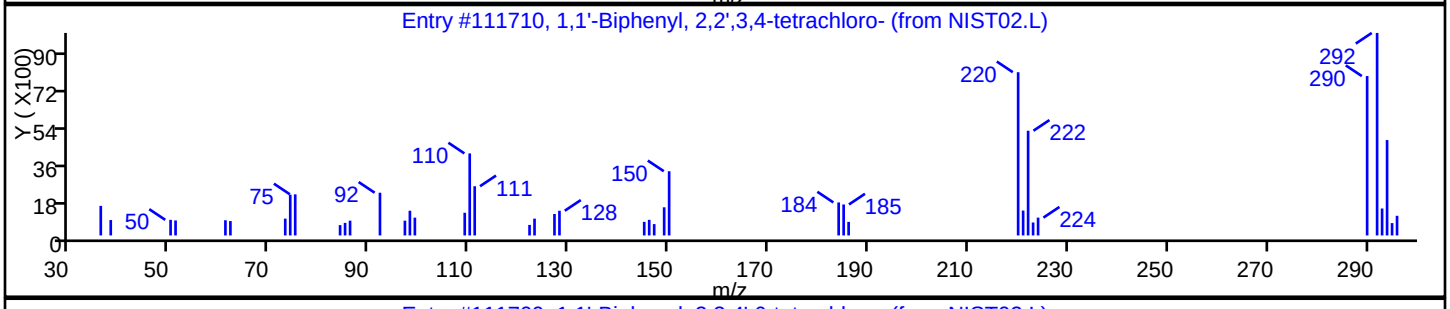
Column: Detector MS SCAN

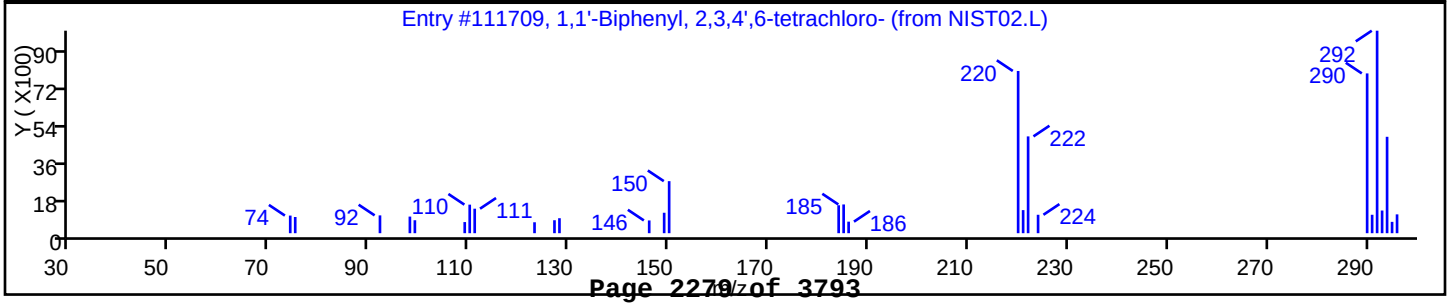
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	2437-79-8	NIST02.L	111724	C12H6Cl4	290	96
1,1'-Biphenyl, 2,2',3,4-tetrachloro-	52663-59-9	NIST02.L	111710	C12H6Cl4	290	95
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	C12H6Cl4	290	95











Report Date: 14-Mar-2014 12:19:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147923.D

Injection Date: 13-Mar-2014 08:22:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-22-C Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

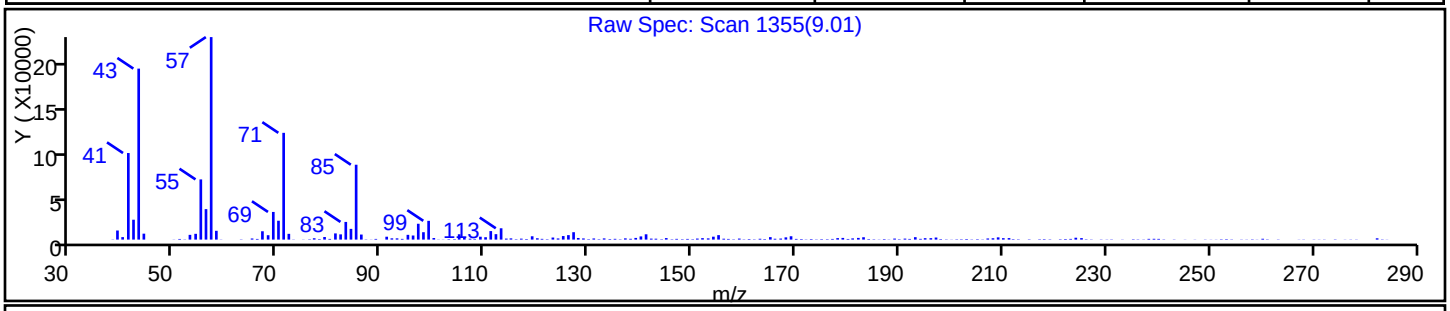
Operator ID: BNA 12 ALS Bottle#: 13 Worklist Smp#: 14

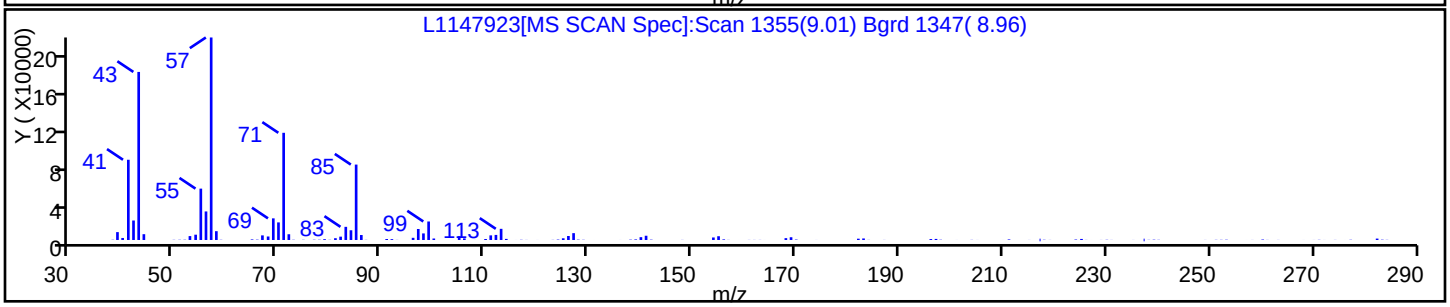
Injection Vol: 1.0 ul Dil. Factor: 5.0000

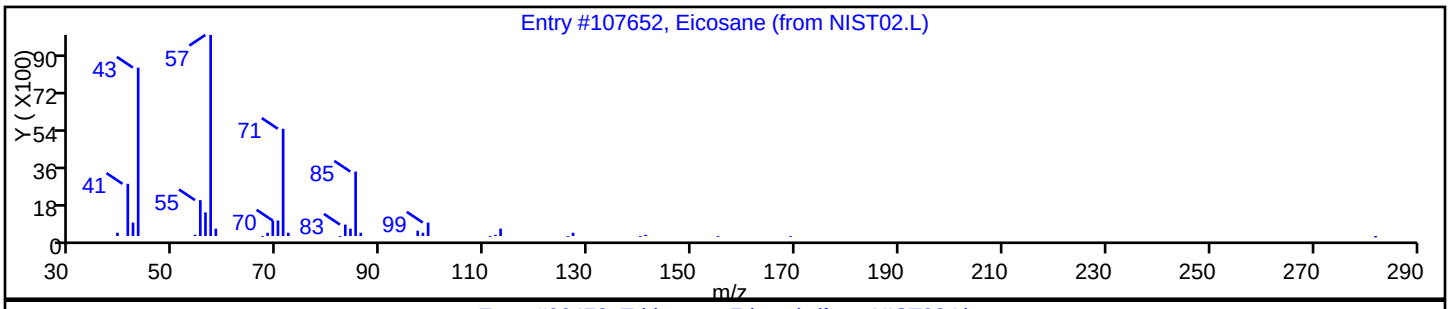
Method: 8270_12R Limit Group: SV 8270 ICAL

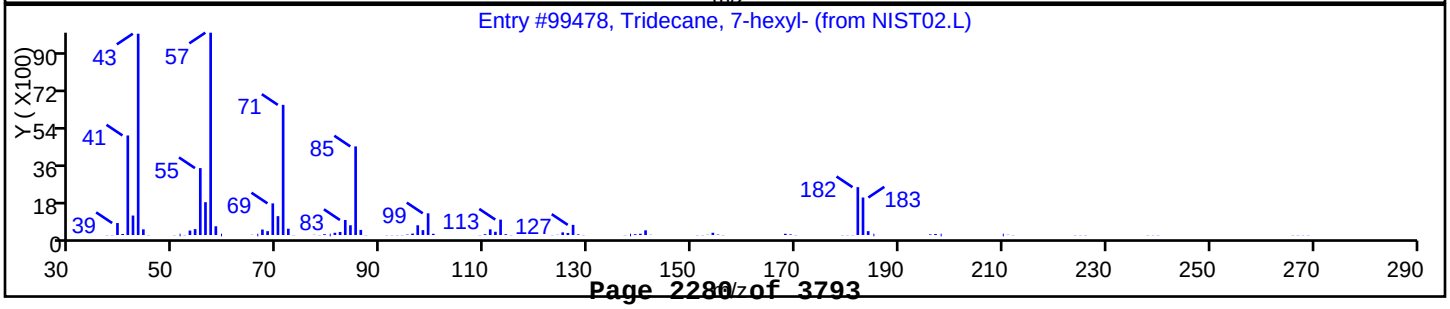
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	98
Tridecane, 7-hexyl-	7225-66-3	NIST02.L	99478	C19H40	268	95









Report Date: 14-Mar-2014 12:19:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147923.D

Injection Date: 13-Mar-2014 08:22:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-22-C Lab Sample ID: 460-72174-22

Client ID: PMP-13SW-WT

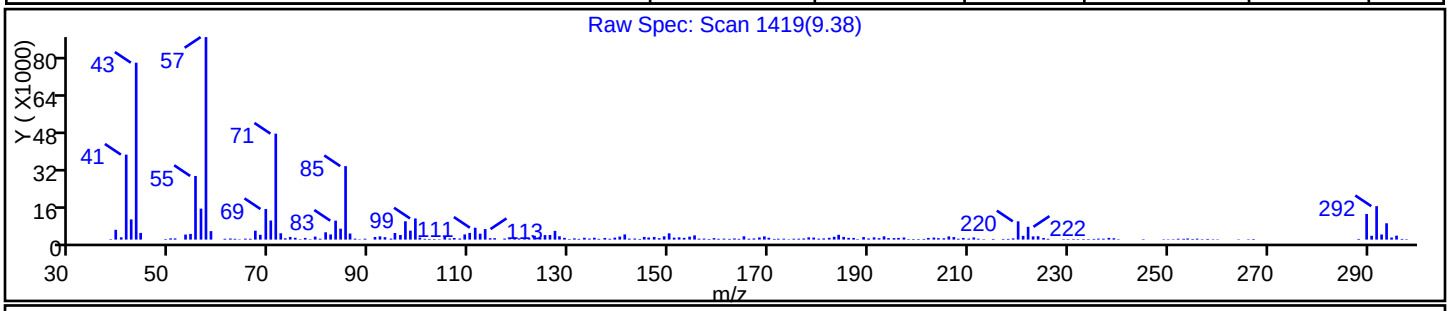
Operator ID: BNA 12 ALS Bottle#: 13 Worklist Smp#: 14

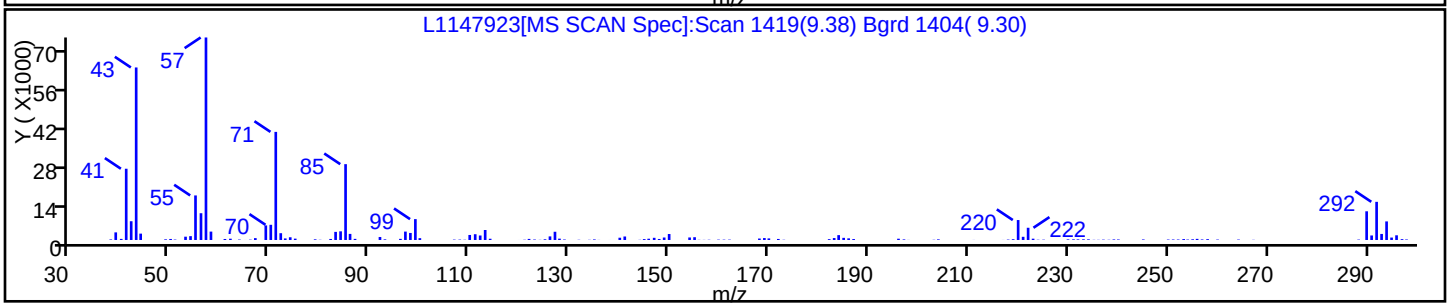
Injection Vol: 1.0 ul Dil. Factor: 5.0000

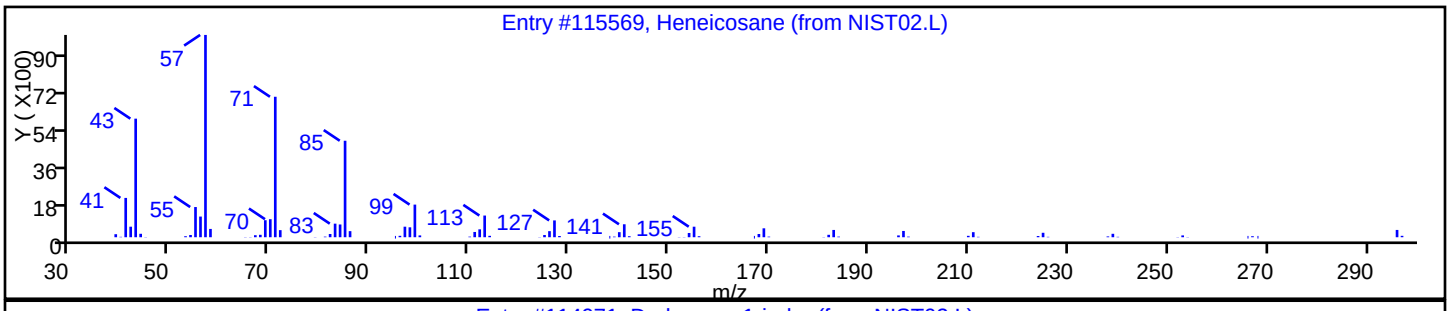
Method: 8270_12R Limit Group: SV 8270 ICAL

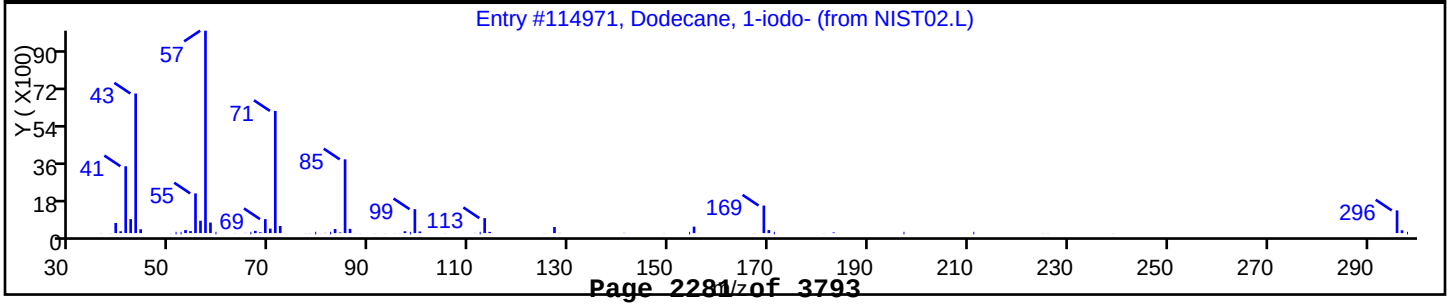
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Heneicosane	629-94-7	NIST02.L	115569	C21H44	296	93
Dodecane, 1-iodo-	4292-19-7	NIST02.L	114971	C12H25I	296	92









FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-SI | Lab Sample ID: 460-72174-23

Matrix: Solid | Lab File ID: L1147868.D

Analysis Method: 8270C | Date Collected: 03/06/2014 16:20

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/11/2014 20:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	49	U	370	49
95-57-8	2-Chlorophenol	48	U	370	48
95-48-7	2-Methylphenol	63	U	370	63
106-44-5	4-Methylphenol	72	U	370	72
100-52-7	Benzaldehyde	43	U	370	43
98-86-2	Acetophenone	56	U	370	56
111-44-4	Bis(2-chloroethyl)ether	5.0	U	37	5.0
108-60-1	2,2'-oxybis[1-chloropropane]	41	U	370	41
621-64-7	N-Nitrosodi-n-propylamine	6.1	U	37	6.1
98-95-3	Nitrobenzene	5.2	U *	37	5.2
67-72-1	Hexachloroethane	4.1	U	37	4.1
78-59-1	Isophorone	45	U	370	45
88-75-5	2-Nitrophenol	41	U	370	41
105-67-9	2,4-Dimethylphenol	91	U	370	91
120-83-2	2,4-Dichlorophenol	54	U	370	54
111-91-1	Bis(2-chloroethoxy)methane	47	U	370	47
91-20-3	Naphthalene	43	U	370	43
106-47-8	4-Chloroaniline	97	U	370	97
87-68-3	Hexachlorobutadiene	9.0	U	75	9.0
105-60-2	Caprolactam	85	U	370	85
59-50-7	4-Chloro-3-methylphenol	55	U	370	55
91-57-6	2-Methylnaphthalene	47	U	370	47
118-74-1	Hexachlorobenzene	5.0	U	37	5.0
77-47-4	Hexachlorocyclopentadiene	43	U	370	43
88-06-2	2,4,6-Trichlorophenol	43	U	370	43
95-95-4	2,4,5-Trichlorophenol	47	U	370	47
92-52-4	Diphenyl	49	U	370	49
91-58-7	2-Chloronaphthalene	41	U	370	41
88-74-4	2-Nitroaniline	150	U	370	150
606-20-2	2,6-Dinitrotoluene	11	U	75	11
131-11-3	Dimethyl phthalate	44	U	370	44
208-96-8	Acenaphthylene	43	U	370	43
99-09-2	3-Nitroaniline	130	U	370	130
83-32-9	Acenaphthene	54	U	370	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-SI | Lab Sample ID: 460-72174-23

Matrix: Solid | Lab File ID: L1147868.D

Analysis Method: 8270C | Date Collected: 03/06/2014 16:20

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/11/2014 20:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	370	240
51-28-5	2,4-Dinitrophenol	210	U	750	210
132-64-9	Dibenzofuran	43	U	370	43
84-66-2	Diethyl phthalate	44	U	370	44
86-73-7	Fluorene	47	U	370	47
206-44-0	Fluoranthene	49	U	370	49
84-74-2	Di-n-butyl phthalate	45	U	370	45
121-14-2	2,4-Dinitrotoluene	12	U	75	12
7005-72-3	4-Chlorophenyl phenyl ether	43	U	370	43
100-01-6	4-Nitroaniline	110	U	750	110
534-52-1	4,6-Dinitro-2-methylphenol	100	U	750	100
101-55-3	4-Bromophenyl phenyl ether	36	U	370	36
1912-24-9	Atrazine	57	U	370	57
120-12-7	Anthracene	45	U	370	45
86-74-8	Carbazole	43	U	370	43
85-01-8	Phenanthrene	47	U	370	47
87-86-5	Pentachlorophenol	110	U	750	110
129-00-0	Pyrene	31	U	370	31
218-01-9	Chrysene	43	U	370	43
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
191-24-2	Benzo[g,h,i]perylene	27	U	370	27
205-99-2	Benzo[b]fluoranthene	2.3	U	37	2.3
50-32-8	Benzo[a]pyrene	2.6	U	37	2.6
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
86-30-6	N-Nitrosodiphenylamine	36	U	370	36
85-68-7	Butyl benzyl phthalate	34	U	370	34
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
117-84-0	Di-n-octyl phthalate	23	U	370	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.8	U	37	6.8
53-70-3	Dibenz(a,h)anthracene	4.6	U	37	4.6
91-94-1	3,3'-Dichlorobenzidine	130	U	370	130
95-94-3	1,2,4,5-Tetrachlorobenzene	49	U	370	49
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	370	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-SI Lab Sample ID: 460-72174-23

Matrix: Solid Lab File ID: L1147868.D

Analysis Method: 8270C Date Collected: 03/06/2014 16:20

Extract. Method: 3541 Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.04(g) Date Analyzed: 03/11/2014 20:06

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 10.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	91		40-106
4165-62-2	Phenol-d5	83		44-104
1718-51-0	Terphenyl-d14	97		41-145
118-79-6	2,4,6-Tribromophenol	88		19-114
367-12-4	2-Fluorophenol	81		39-103
321-60-8	2-Fluorobiphenyl	93		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-SI Lab Sample ID: 460-72174-23

Matrix: Solid Lab File ID: L1147868.D

Analysis Method: 8270C Date Collected: 03/06/2014 16:20

Extract. Method: 3541 Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.04(g) Date Analyzed: 03/11/2014 20:06

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 10.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Report Date: 14-Mar-2014 10:01:23 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147868.D
Lims ID: 460-72174-F-23-C Lab Sample ID: 460-72174-23
Client ID: PMP-13SW-SI
Sample Type: Client
Inject. Date: 11-Mar-2014 20:06:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010722-011
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 10:00:53 Calib Date: 05-Mar-2014 23:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147714.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: croccom Date: 12-Mar-2014 08:45:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.454	2.431	0.023	96	100403	40.5	
$ 6 Phenol-d5	99	3.366	3.366	0.0	68	119786	41.4	
* 13 1,4-Dichlorobenzene-d4	152	3.719	3.713	0.006	95	87719	40.0	
$ 25 Nitrobenzene-d5	82	4.289	4.296	-0.007	92	111080	45.6	
* 35 Naphthalene-d8	136	5.019	5.019	0.0	99	315313	40.0	
$ 48 2-Fluorobiphenyl	172	6.125	6.125	0.0	97	229932	46.5	
* 61 Acenaphthene-d10	164	6.778	6.778	0.0	93	151668	40.0	
$ 76 2,4,6-Tribromophenol	330	7.560	7.566	-0.006	93	32229	44.2	
* 83 Phenanthrene-d10	188	8.236	8.242	-0.006	99	216583	40.0	
$ 91 Terphenyl-d14	244	9.819	9.825	-0.006	99	173039	48.4	
* 96 Chrysene-d12	240	10.901	10.907	-0.006	99	168073	40.0	
* 103 Perylene-d12	264	12.689	12.695	-0.006	98	184008	40.0	

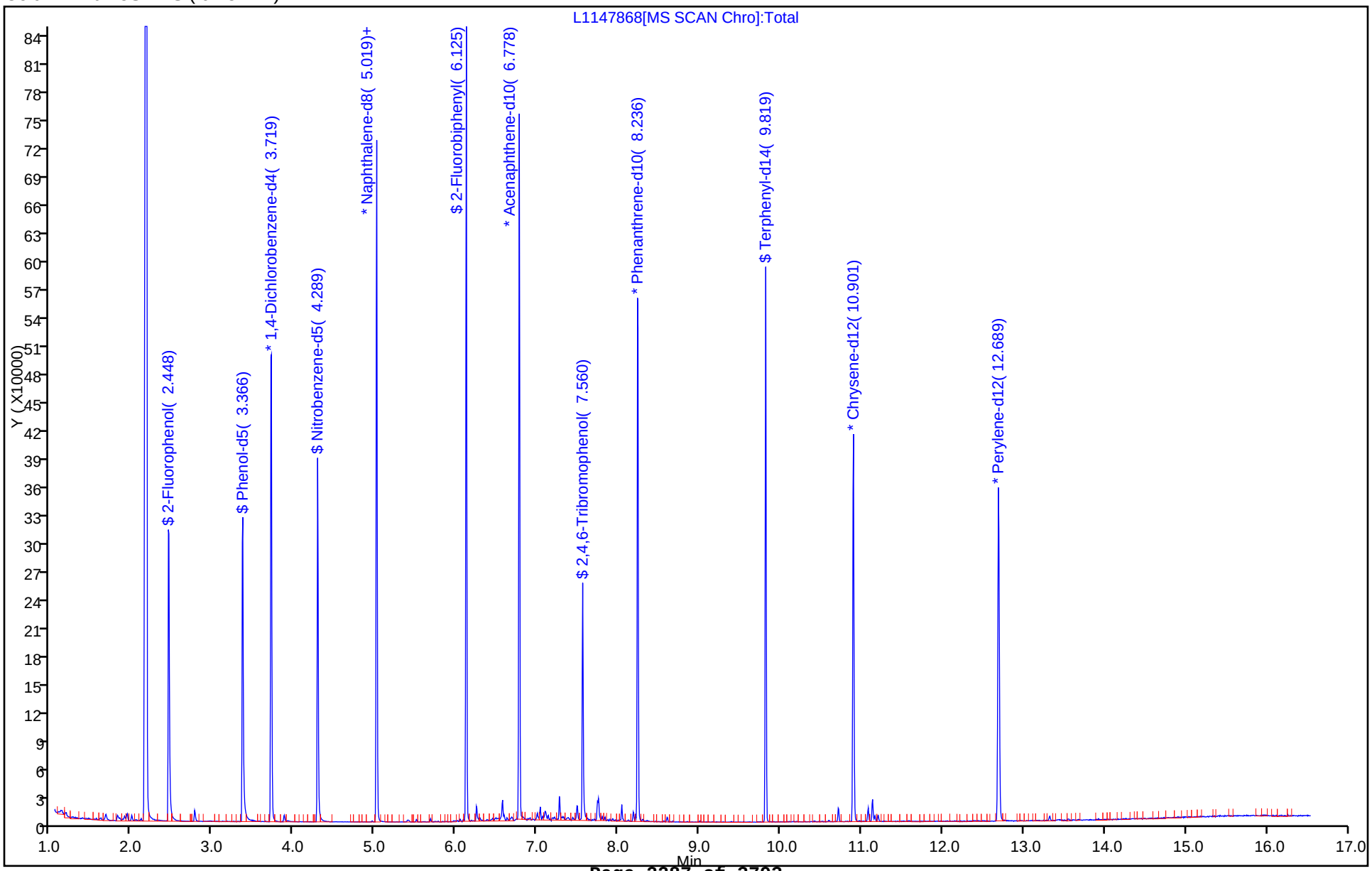
Report Date: 14-Mar-2014 10:01:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147868.D

Injection Date:	11-Mar-2014 20:06:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-72174-F-23-C	Lab Sample ID:	460-72174-23	Worklist Smp#:	11
Client ID:	PMP-13SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8270_12R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-SD | Lab Sample ID: 460-72174-24

Matrix: Solid | Lab File ID: L1147871.D

Analysis Method: 8270C | Date Collected: 03/06/2014 16:25

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 21:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	54	U	400	54
95-57-8	2-Chlorophenol	53	U	400	53
95-48-7	2-Methylphenol	69	U	400	69
106-44-5	4-Methylphenol	80	U	400	80
100-52-7	Benzaldehyde	48	U	400	48
98-86-2	Acetophenone	62	U	400	62
111-44-4	Bis(2-chloroethyl)ether	5.5	U	40	5.5
108-60-1	2,2'-oxybis[1-chloropropane]	45	U	400	45
621-64-7	N-Nitrosodi-n-propylamine	6.8	U	40	6.8
98-95-3	Nitrobenzene	5.8	U *	40	5.8
67-72-1	Hexachloroethane	4.5	U	40	4.5
78-59-1	Isophorone	49	U	400	49
88-75-5	2-Nitrophenol	45	U	400	45
105-67-9	2,4-Dimethylphenol	100	U	400	100
120-83-2	2,4-Dichlorophenol	59	U	400	59
111-91-1	Bis(2-chloroethoxy)methane	52	U	400	52
91-20-3	Naphthalene	47	U	400	47
106-47-8	4-Chloroaniline	110	U	400	110
87-68-3	Hexachlorobutadiene	9.9	U	82	9.9
105-60-2	Caprolactam	93	U	400	93
59-50-7	4-Chloro-3-methylphenol	61	U	400	61
91-57-6	2-Methylnaphthalene	74	J	400	52
118-74-1	Hexachlorobenzene	5.5	U	40	5.5
77-47-4	Hexachlorocyclopentadiene	48	U	400	48
88-06-2	2,4,6-Trichlorophenol	47	U	400	47
95-95-4	2,4,5-Trichlorophenol	52	U	400	52
92-52-4	Diphenyl	54	U	400	54
91-58-7	2-Chloronaphthalene	45	U	400	45
88-74-4	2-Nitroaniline	170	U	400	170
606-20-2	2,6-Dinitrotoluene	12	U	82	12
131-11-3	Dimethyl phthalate	48	U	400	48
208-96-8	Acenaphthylene	48	U	400	48
99-09-2	3-Nitroaniline	140	U	400	140
83-32-9	Acenaphthene	59	U	400	59

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-SD | Lab Sample ID: 460-72174-24

Matrix: Solid | Lab File ID: L1147871.D

Analysis Method: 8270C | Date Collected: 03/06/2014 16:25

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 21:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	260	U	400	260
51-28-5	2,4-Dinitrophenol	230	U	820	230
132-64-9	Dibenzofuran	48	U	400	48
84-66-2	Diethyl phthalate	48	U	400	48
86-73-7	Fluorene	52	U	400	52
206-44-0	Fluoranthene	54	U	400	54
84-74-2	Di-n-butyl phthalate	50	U	400	50
121-14-2	2,4-Dinitrotoluene	13	U	82	13
7005-72-3	4-Chlorophenyl phenyl ether	48	U	400	48
100-01-6	4-Nitroaniline	130	U	820	130
534-52-1	4,6-Dinitro-2-methylphenol	110	U	820	110
101-55-3	4-Bromophenyl phenyl ether	40	U	400	40
1912-24-9	Atrazine	63	U	400	63
120-12-7	Anthracene	49	U	400	49
86-74-8	Carbazole	48	U	400	48
85-01-8	Phenanthrene	52	U	400	52
87-86-5	Pentachlorophenol	120	U	820	120
129-00-0	Pyrene	34	U	400	34
218-01-9	Chrysene	47	U	400	47
207-08-9	Benzo[k]fluoranthene	3.1	U	40	3.1
191-24-2	Benzo[g,h,i]perylene	30	U	400	30
205-99-2	Benzo[b]fluoranthene	2.6	U	40	2.6
50-32-8	Benzo[a]pyrene	2.9	U	40	2.9
56-55-3	Benzo[a]anthracene	2.8	U	40	2.8
86-30-6	N-Nitrosodiphenylamine	40	U	400	40
85-68-7	Butyl benzyl phthalate	37	U	400	37
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	400	130
117-84-0	Di-n-octyl phthalate	26	U	400	26
193-39-5	Indeno[1,2,3-cd]pyrene	7.5	U	40	7.5
53-70-3	Dibenz(a,h)anthracene	5.1	U	40	5.1
91-94-1	3,3'-Dichlorobenzidine	140	U	400	140
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	400	55
58-90-2	2,3,4,6-Tetrachlorophenol	53	U	400	53

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-SD | Lab Sample ID: 460-72174-24

Matrix: Solid | Lab File ID: L1147871.D

Analysis Method: 8270C | Date Collected: 03/06/2014 16:25

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 21:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	93		40-106
4165-62-2	Phenol-d5	85		44-104
1718-51-0	Terphenyl-d14	85		41-145
118-79-6	2,4,6-Tribromophenol	93		19-114
367-12-4	2-Fluorophenol	83		39-103
321-60-8	2-Fluorobiphenyl	100		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-SD | Lab Sample ID: 460-72174-24

Matrix: Solid | Lab File ID: L1147871.D

Analysis Method: 8270C | Date Collected: 03/06/2014 16:25

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 21:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

Number TICs Found: 18 | TIC Result Total: 22670

CAS NO.	COMPOUND NAME	RT	RESULT	Q
88-73-3	Benzene, 1-chloro-2-nitro-	5.39	1000	J N
	Unknown alkane	10.11	540	J
7098-21-7	Tritetracontane	10.84	1300	J N
112-95-8	Eicosane	11.22	840	J N
7098-22-8	Tetratetracontane	11.64	2900	J N
593-45-3	Octadecane	12.51	2900	J N
	Unknown	12.60	630	J
40710-42-7	1-Hentetracontanol	13.02	560	J N
7390-81-0	Oxirane, hexadecyl-	13.18	930	J N
593-49-7	Heptacosane	13.49	5500	J N
	Unknown	13.55	1100	J
	Unknown alkane	14.42	810	J
1599-67-3	1-Docosene	14.49	650	J N
	Unknown	14.54	480	J
	Unknown	14.69	430	J
638-95-9	.alpha.-Amyrin	15.10	550	J N
	Unknown	15.57	350	J
	Unknown	15.80	1200	J

Report Date: 14-Mar-2014 10:01:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147871.D
Lims ID: 460-72174-F-24-C Lab Sample ID: 460-72174-24
Client ID: PMP-13SW-SD
Sample Type: Client
Inject. Date: 11-Mar-2014 21:20:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010722-014
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 10:00:53 Calib Date: 05-Mar-2014 23:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147714.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: croccom Date: 12-Mar-2014 08:49:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.454	2.431	0.023	95	91904	41.7	
$ 6 Phenol-d5	99	3.366	3.366	0.0	68	109526	42.5	
* 13 1,4-Dichlorobenzene-d4	152	3.719	3.713	0.006	95	78075	40.0	
$ 25 Nitrobenzene-d5	82	4.289	4.296	-0.007	92	97089	46.6	
* 35 Naphthalene-d8	136	5.019	5.019	0.0	99	270211	40.0	
36 Naphthalene	128	5.042	5.043	-0.001	12	2067	0.3258	
41 2-Methylnaphthalene	142	5.748	5.748	0.0	71	3755	0.9105	
$ 48 2-Fluorobiphenyl	172	6.125	6.125	0.0	97	199420	50.0	
* 61 Acenaphthene-d10	164	6.778	6.778	0.0	93	122214	40.0	
$ 76 2,4,6-Tribromophenol	330	7.560	7.566	-0.006	93	27273	46.4	
* 83 Phenanthrene-d10	188	8.236	8.242	-0.006	99	167704	40.0	
$ 91 Terphenyl-d14	244	9.819	9.825	-0.007	99	148128	42.7	
* 96 Chrysene-d12	240	10.901	10.907	-0.006	99	163186	40.0	
* 103 Perylene-d12	264	12.689	12.695	-0.006	98	214779	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147871.D
Lims ID: 460-72174-F-24-C Lab Sample ID: 460-72174-24
Client ID: PMP-13SW-SD
Sample Type: Client
Inject. Date: 11-Mar-2014 21:20:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010722-014
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 10:00:53 Calib Date: 05-Mar-2014 23:36:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: croccom Date: 12-Mar-2014 08:49:24

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	88-73-3	Benzene, 1-chloro-2-nitro-						
5.389	172117	12.3	35	99	27936	C6H4ClNO2	157	
		Unknown alkane						
10.107	75562	6.60	96	0	0		0	
	7098-21-7	Tritetracontane						
10.836	175168	15.3	96	91	172667	C43H88	605	
	112-95-8	Eicosane						
11.224	117596	10.3	96	91	107652	C20H42	282	
	7098-22-8	Tetratetracontane						
11.636	407086	35.6	96	91	172958	C44H90	619	
	593-45-3	Octadecane						
12.512	657814	35.6	103	91	91035	C18H38	254	
		Unknown						
12.595	141649	7.66	103					
	40710-42-7	1-Hentetracontanol						
13.024	127875	6.92	103	86	172384	C41H84O	593	
	7390-81-0	Oxirane, hexadecyl-						
13.177	210524	11.4	103	91	99459	C18H36O	268	
	593-49-7	Heptacosane						
13.489	1242081	67.2	103	91	151556	C27H56	380	
		Unknown						
13.554	256293	13.9	103					
		Unknown alkane						
14.418	183690	9.93	103	0	0		0	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
1599-67-3	1-Docosene							
14.489	146962	7.95	103	91	121981	C22H44	308	
	Unknown							
14.542	109536	5.92	103					
	Unknown							
14.689	97379	5.27	103					
638-95-9	.alpha.-Amyrin							
15.101	124246	6.72	103	91	161264	C30H50O	426	
	Unknown							
15.565	78406	4.24	103					
	Unknown							
15.795	270282	14.6	103					

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 35 Naphthalene-d8	5.019	557589	40.0
* 96 Chrysene-d12	10.901	457659	40.0
* 103 Perylene-d12	12.689	739667	40.0

QC Flag Legend

Processing Flags

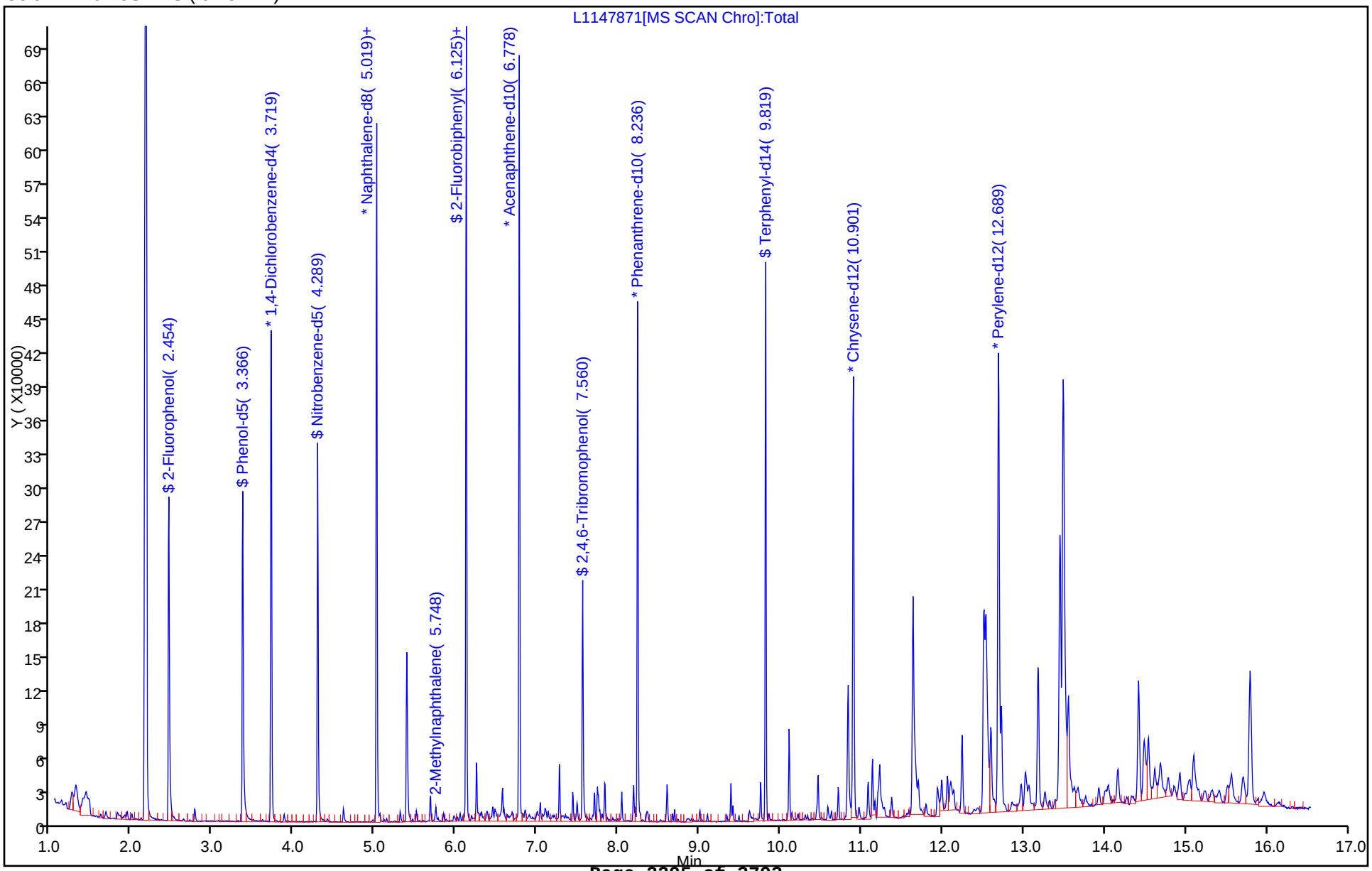
Report Date: 14-Mar-2014 10:01:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147871.D

Injection Date:	11-Mar-2014 21:20:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-72174-F-24-C	Lab Sample ID:	460-72174-24	Worklist Smp#:	14
Client ID:	PMP-13SW-SD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8270_12R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



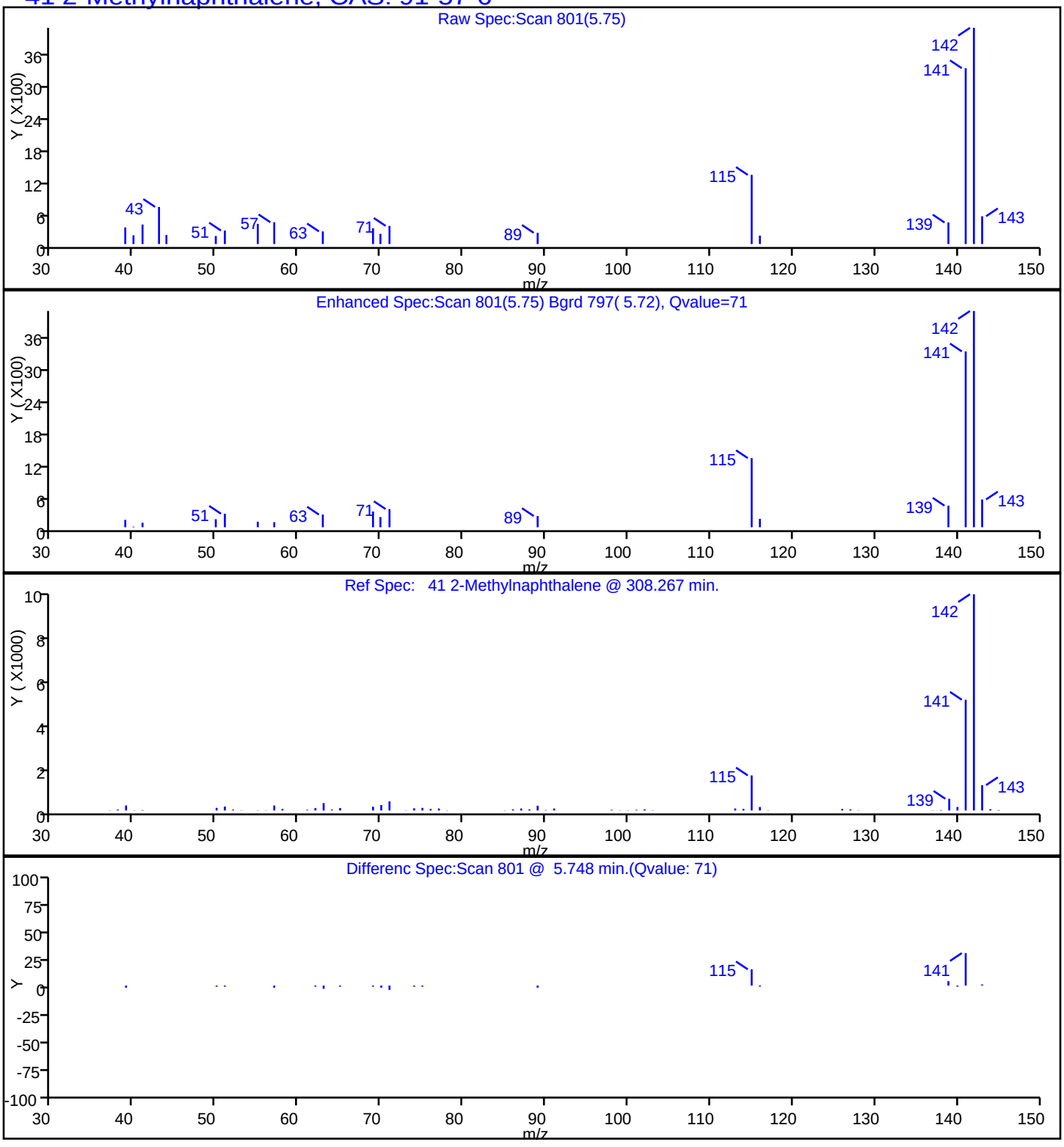
Report Date: 14-Mar-2014 10:01:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147871.D

Injection Date:	11-Mar-2014 21:20:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-24-C	Lab Sample ID:	460-72174-24		
Client ID:	PMP-13SW-SD				
Operator ID:	BNA 12	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

41 2-Methylnaphthalene, CAS: 91-57-6



Report Date: 14-Mar-2014 10:01:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147871.D

Injection Date: 11-Mar-2014 21:20:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-24-C Lab Sample ID: 460-72174-24

Client ID: PMP-13SW-SD

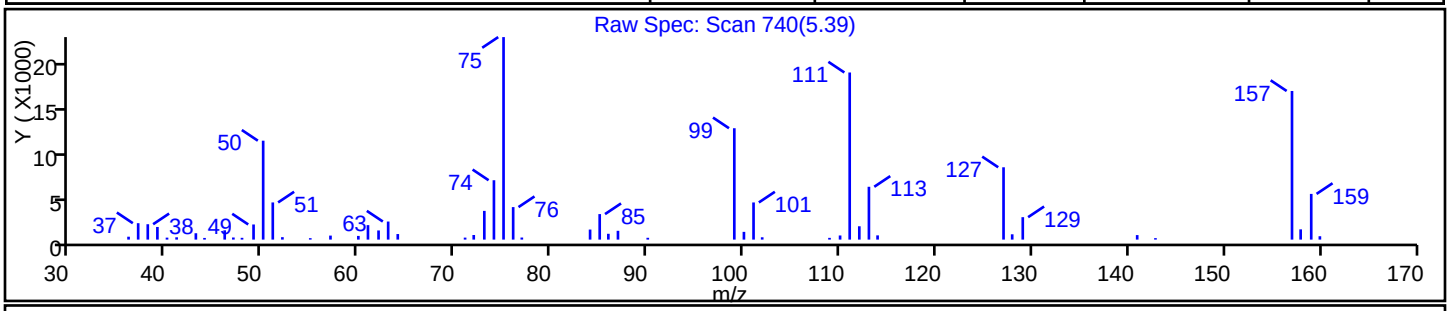
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14

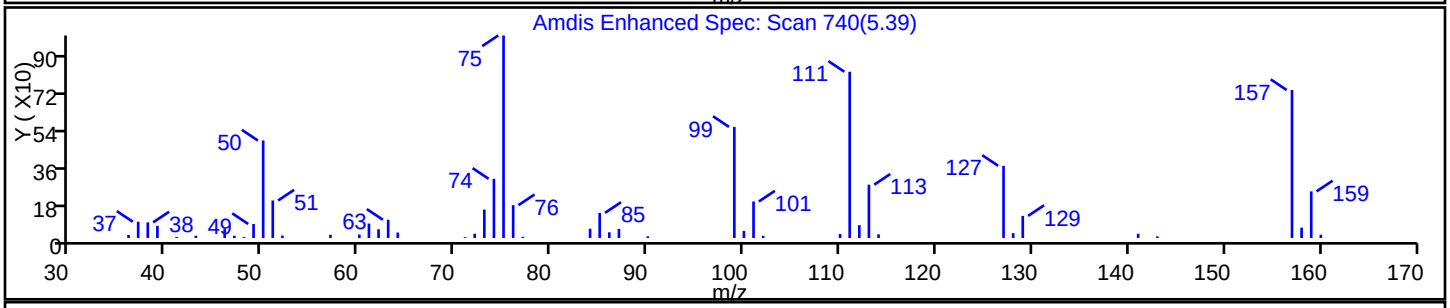
Injection Vol: 1.0 ul Dil. Factor: 1.0000

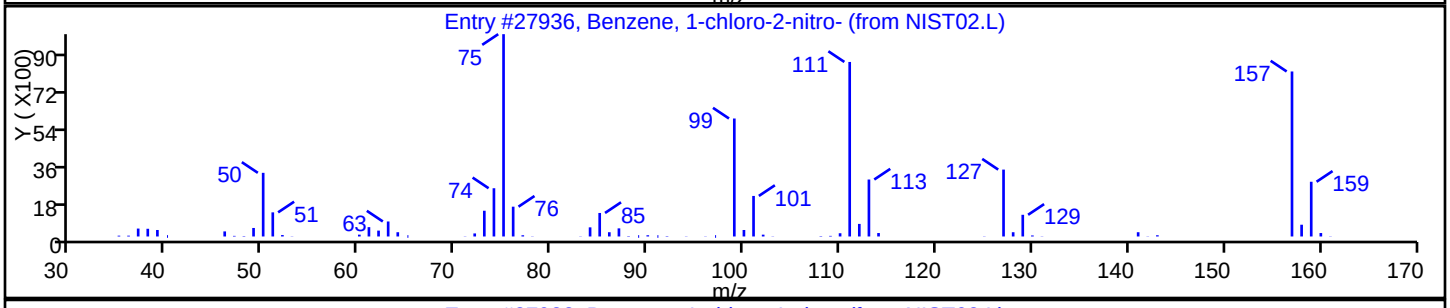
Method: 8270_12R Limit Group: SV 8270 ICAL

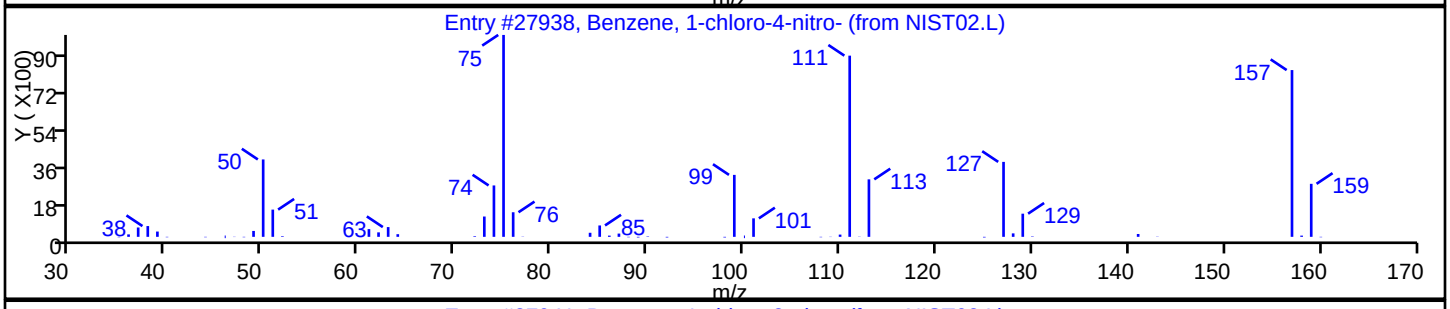
Column: Detector MS SCAN

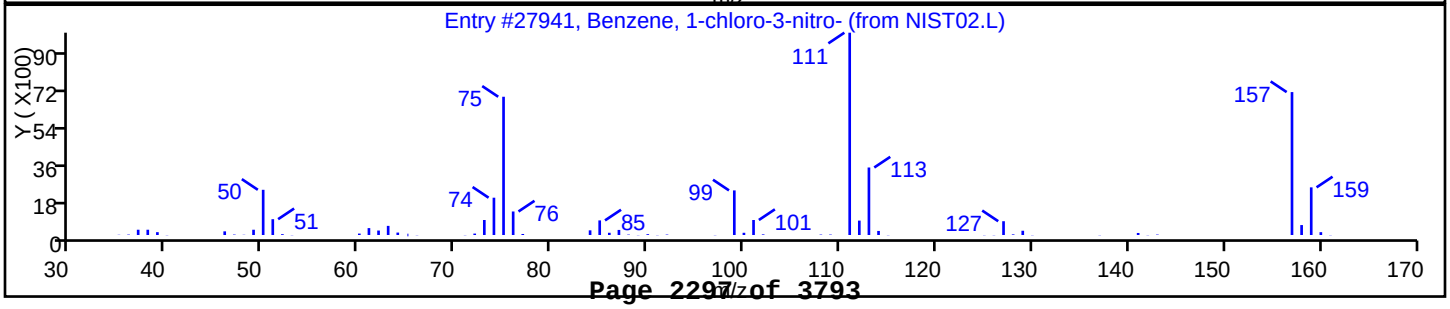
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.L	27936	C6H4ClNO2	157	99
Benzene, 1-chloro-4-nitro-	100-00-5	NIST02.L	27938	C6H4ClNO2	157	96
Benzene, 1-chloro-3-nitro-	121-73-3	NIST02.L	27941	C6H4ClNO2	157	94











Report Date: 14-Mar-2014 10:01:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147871.D

Injection Date: 11-Mar-2014 21:20:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-24-C Lab Sample ID: 460-72174-24

Client ID: PMP-13SW-SD

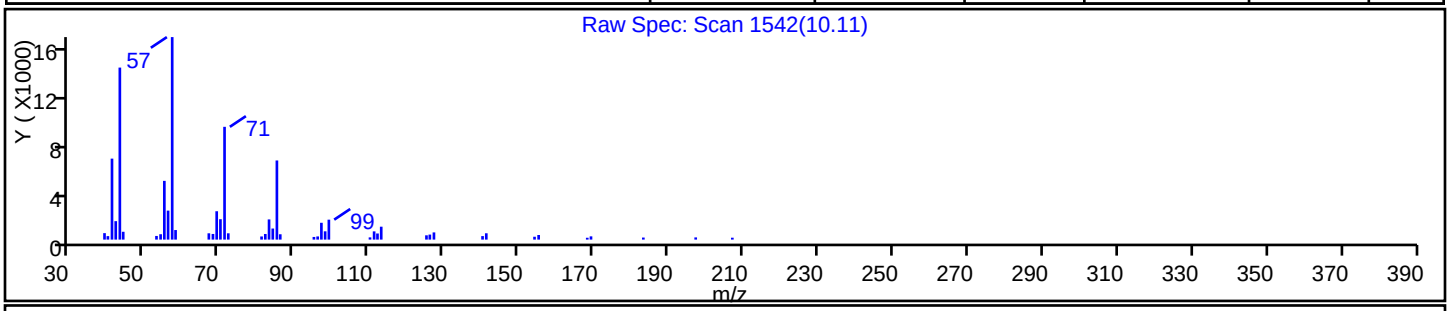
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14

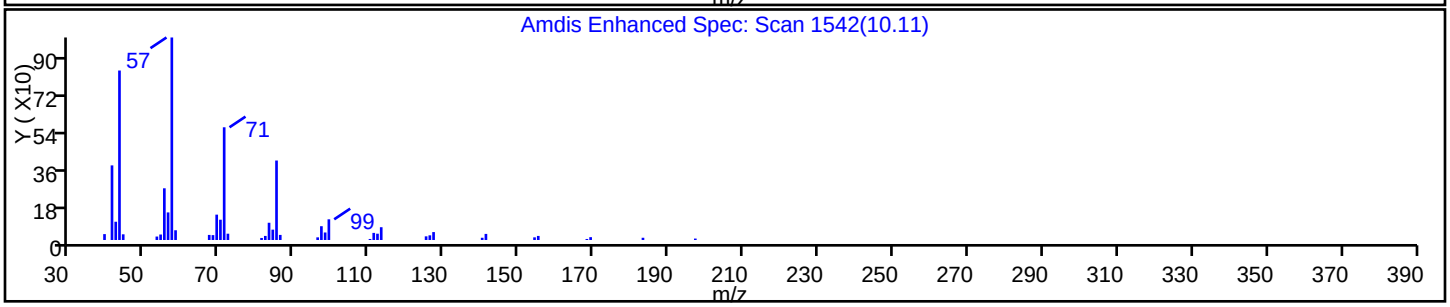
Injection Vol: 1.0 ul Dil. Factor: 1.0000

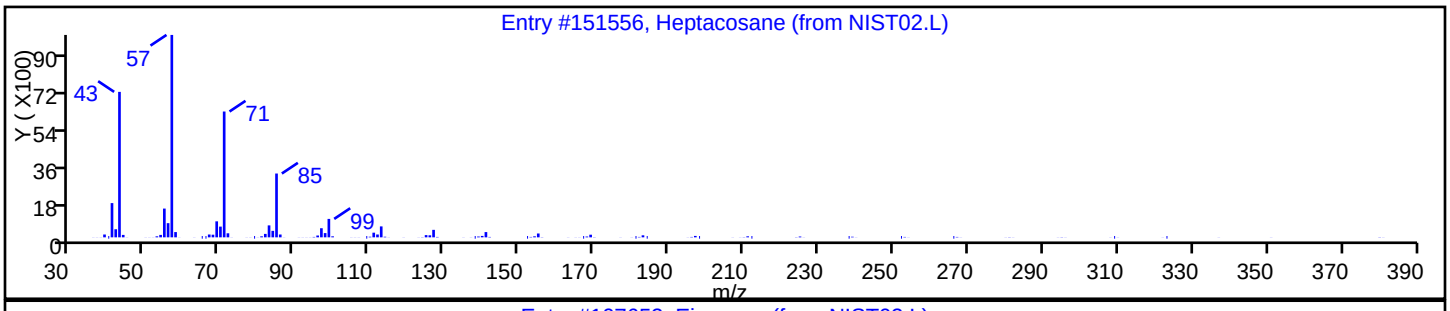
Method: 8270_12R Limit Group: SV 8270 ICAL

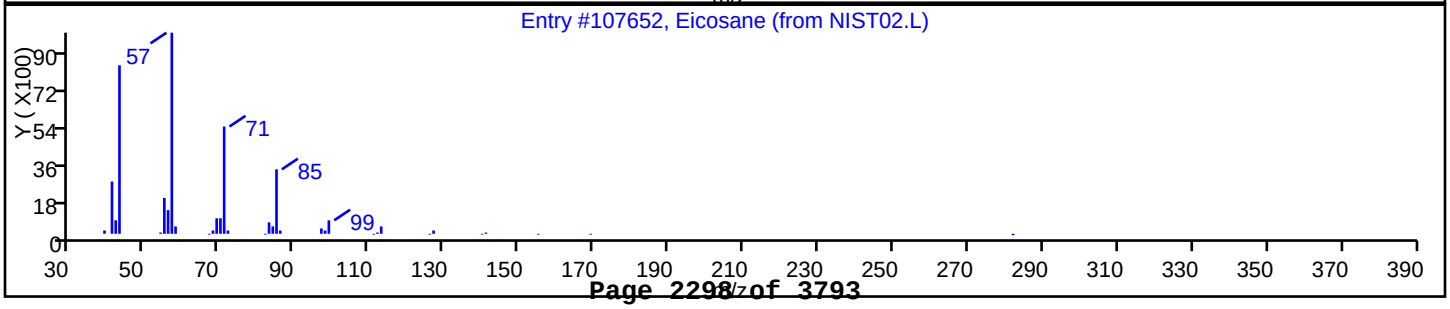
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Heptacosane	593-49-7	NIST02.L	151556	C27H56	380	91
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91









Report Date: 14-Mar-2014 10:01:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147871.D

Injection Date: 11-Mar-2014 21:20:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-24-C Lab Sample ID: 460-72174-24

Client ID: PMP-13SW-SD

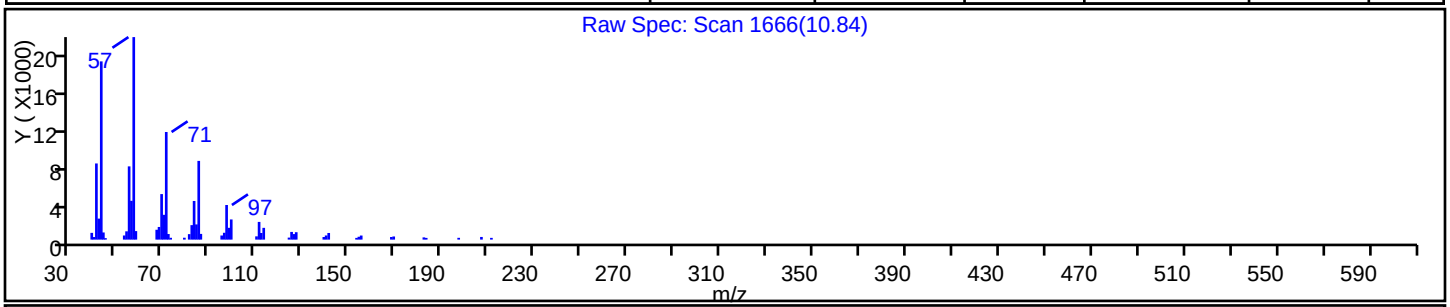
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14

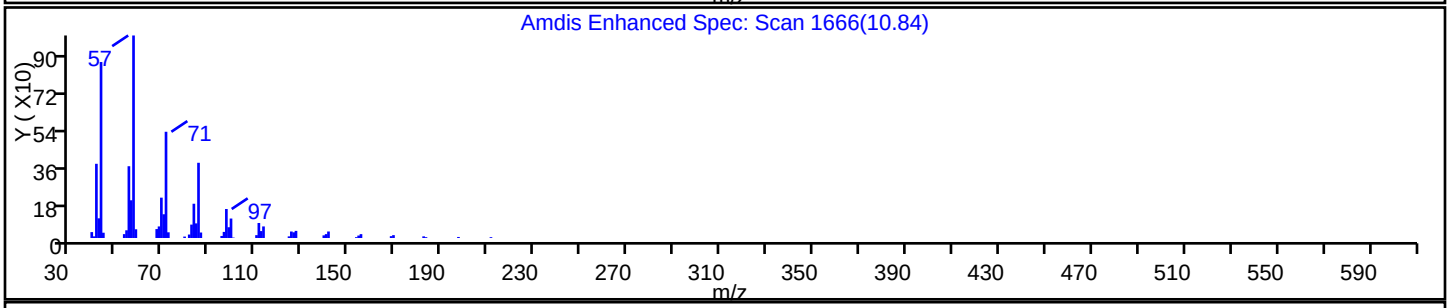
Injection Vol: 1.0 ul Dil. Factor: 1.0000

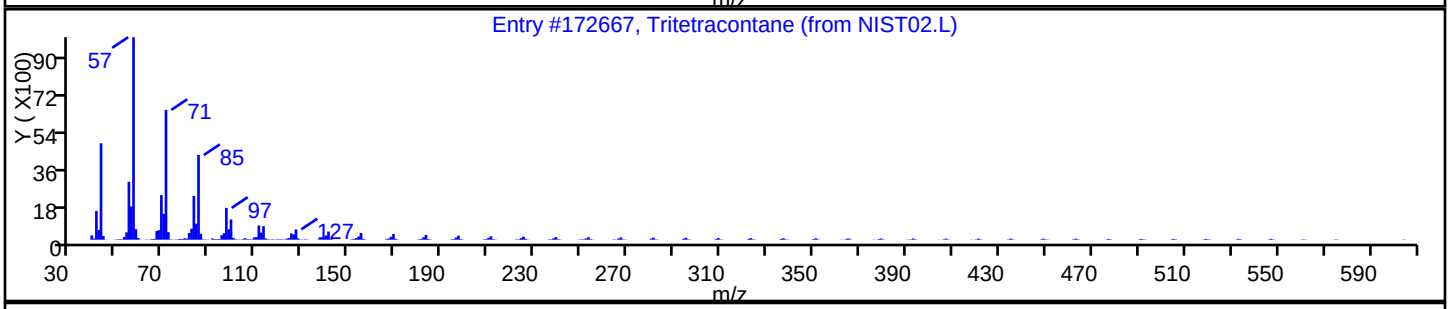
Method: 8270_12R Limit Group: SV 8270 ICAL

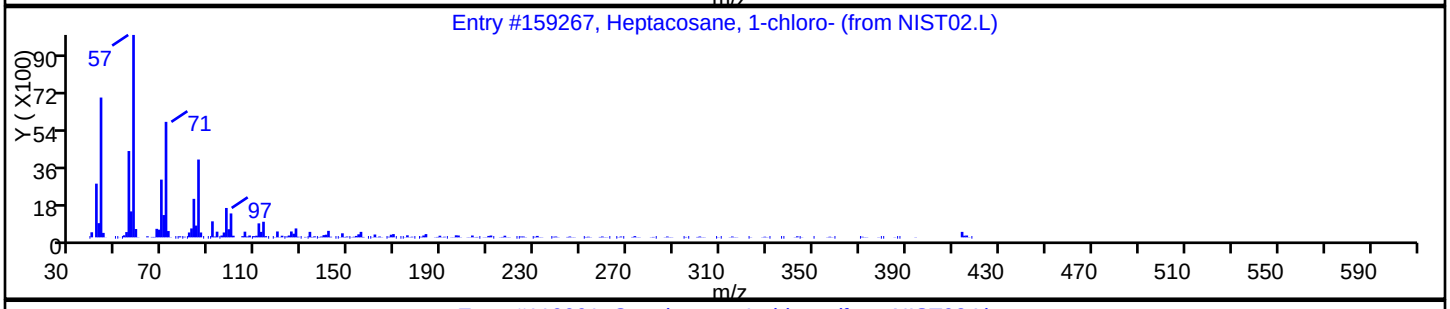
Column: Detector MS SCAN

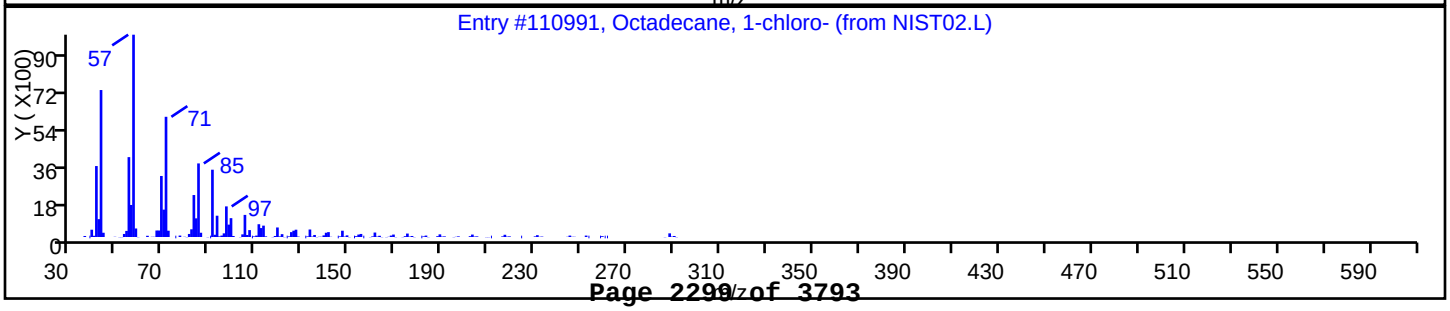
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tritetracontane	7098-21-7	NIST02.L	172667	C43H88	605	91
Heptacosane, 1-chloro-	62016-79-9	NIST02.L	159267	C27H55Cl	414	90
Octadecane, 1-chloro-	3386-33-2	NIST02.L	110991	C18H37Cl	288	90











Report Date: 14-Mar-2014 10:01:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147871.D

Injection Date: 11-Mar-2014 21:20:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-24-C Lab Sample ID: 460-72174-24

Client ID: PMP-13SW-SD

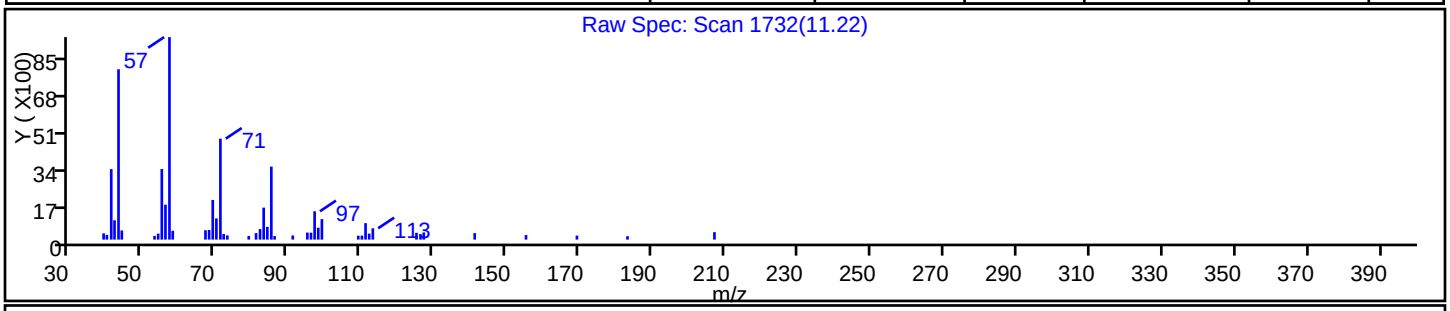
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14

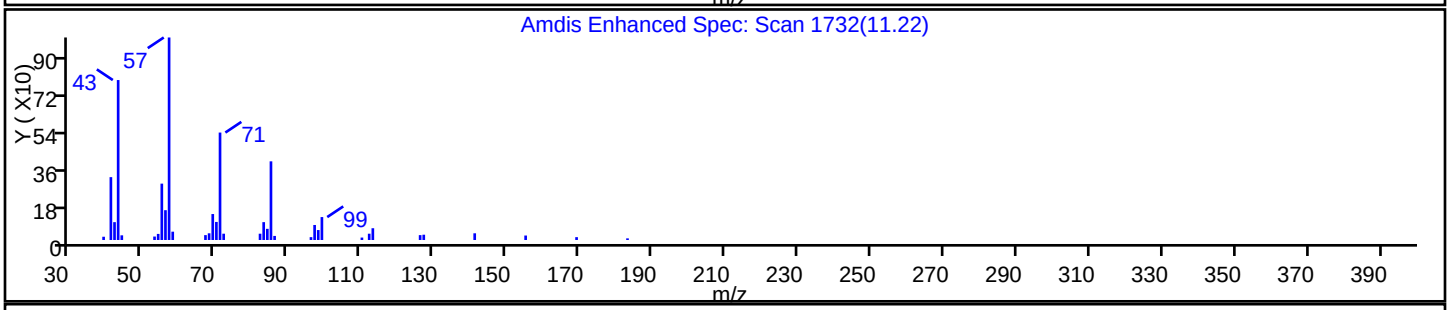
Injection Vol: 1.0 ul Dil. Factor: 1.0000

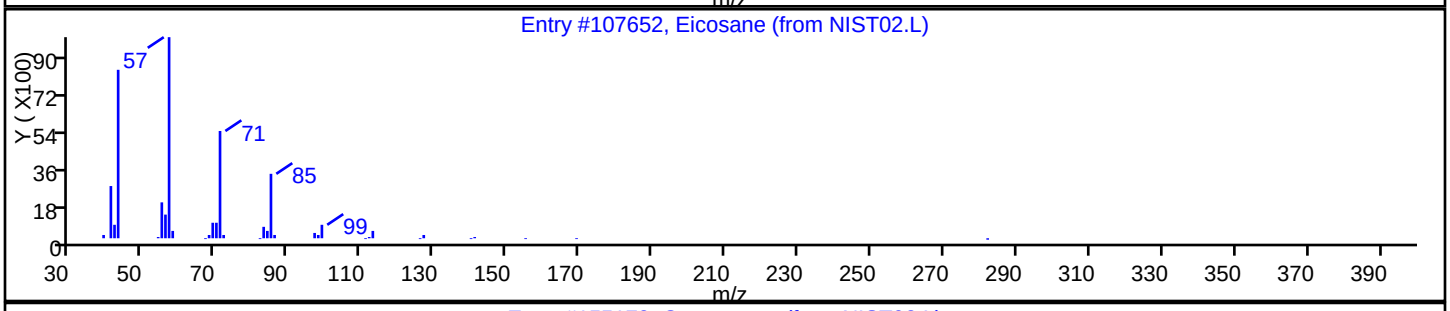
Method: 8270_12R Limit Group: SV 8270 ICAL

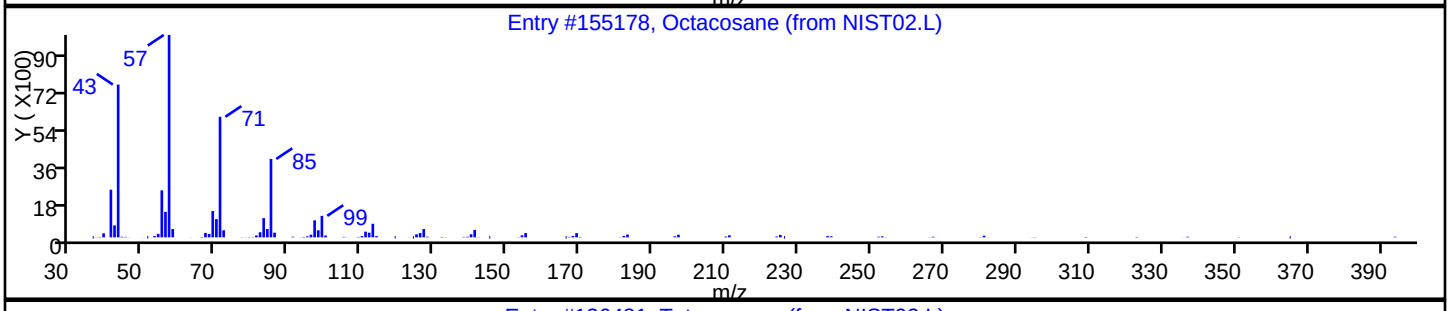
Column: Detector MS SCAN

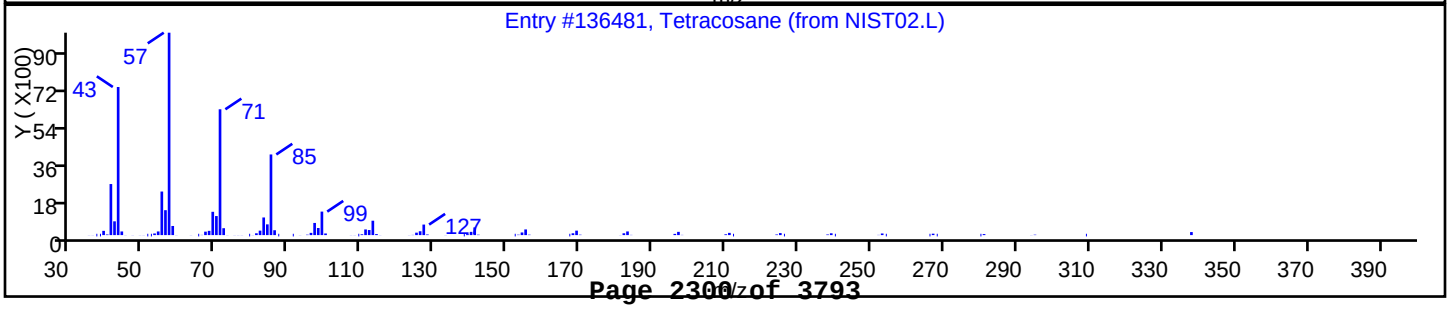
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91
Octacosane	630-02-4	NIST02.L	155178	C28H58	394	91
Tetracosane	646-31-1	NIST02.L	136481	C24H50	338	91











Report Date: 14-Mar-2014 10:01:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147871.D

Injection Date: 11-Mar-2014 21:20:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-24-C Lab Sample ID: 460-72174-24

Client ID: PMP-13SW-SD

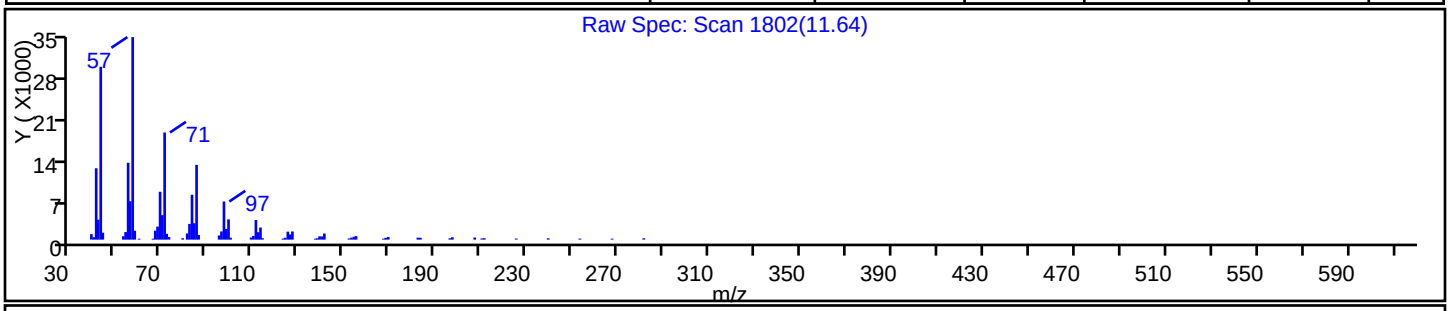
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14

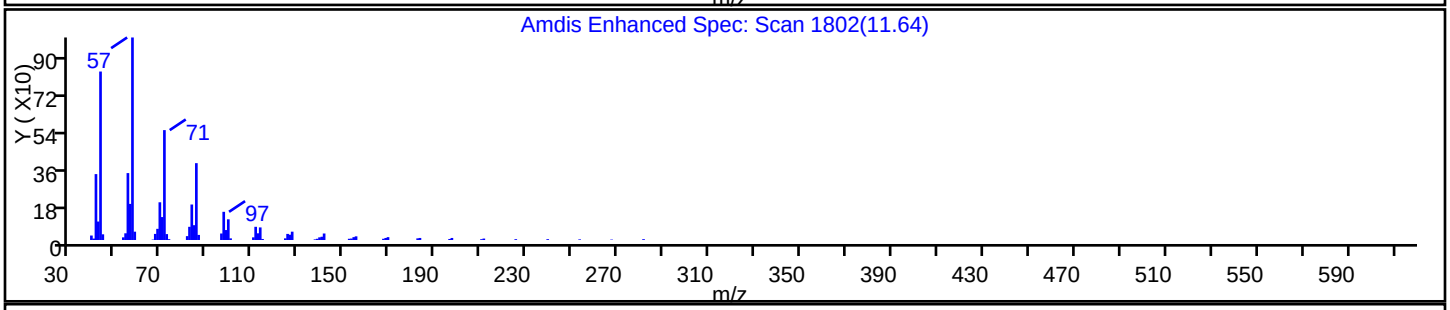
Injection Vol: 1.0 ul Dil. Factor: 1.0000

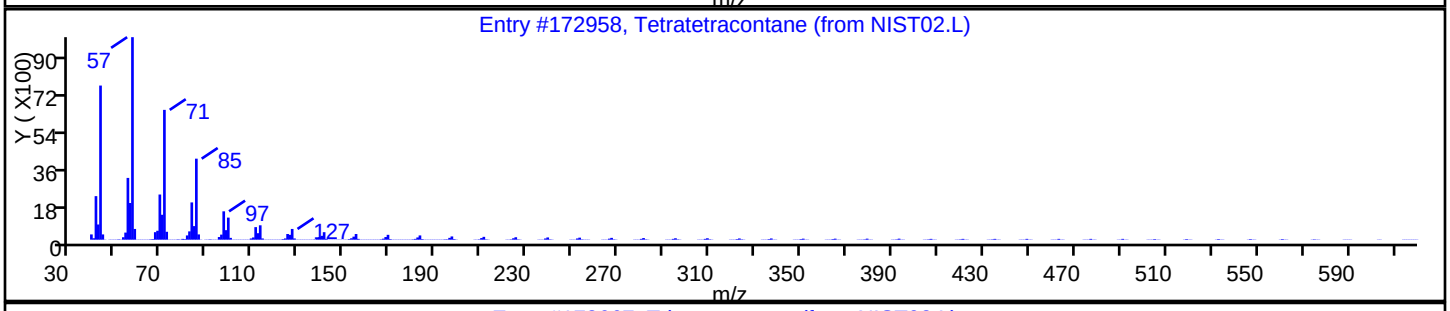
Method: 8270_12R Limit Group: SV 8270 ICAL

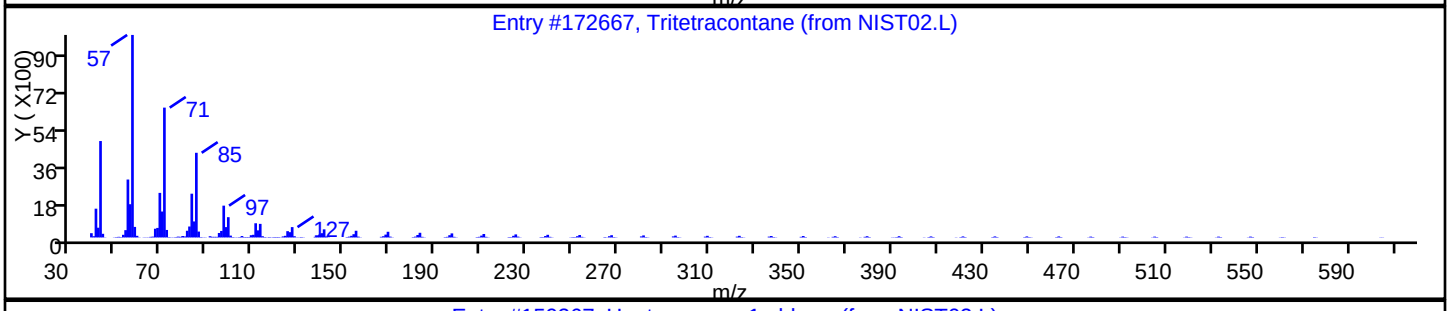
Column: Detector MS SCAN

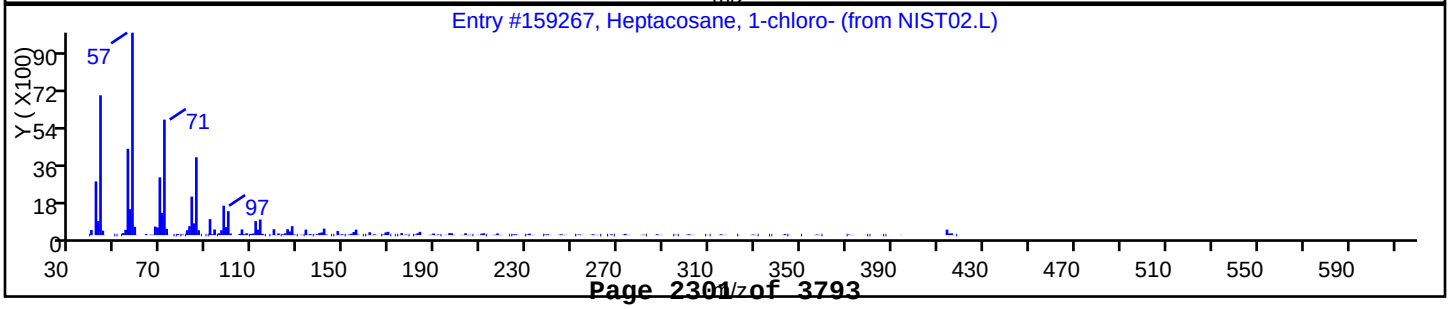
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetratetracontane	7098-22-8	NIST02.L	172958	C44H90	619	91
Tritetracontane	7098-21-7	NIST02.L	172667	C43H88	605	91
Heptacosane, 1-chloro-	62016-79-9	NIST02.L	159267	C27H55Cl	414	91











Report Date: 14-Mar-2014 10:01:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147871.D

Injection Date: 11-Mar-2014 21:20:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-24-C Lab Sample ID: 460-72174-24

Client ID: PMP-13SW-SD

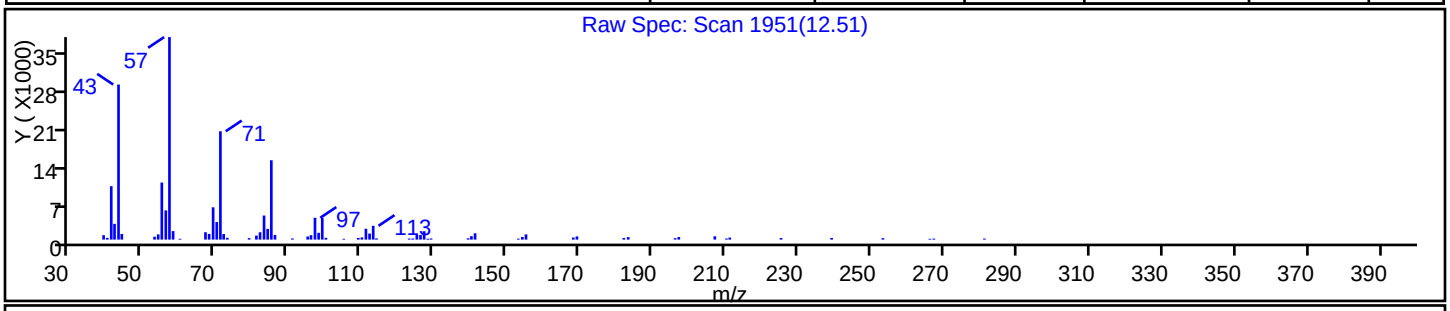
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14

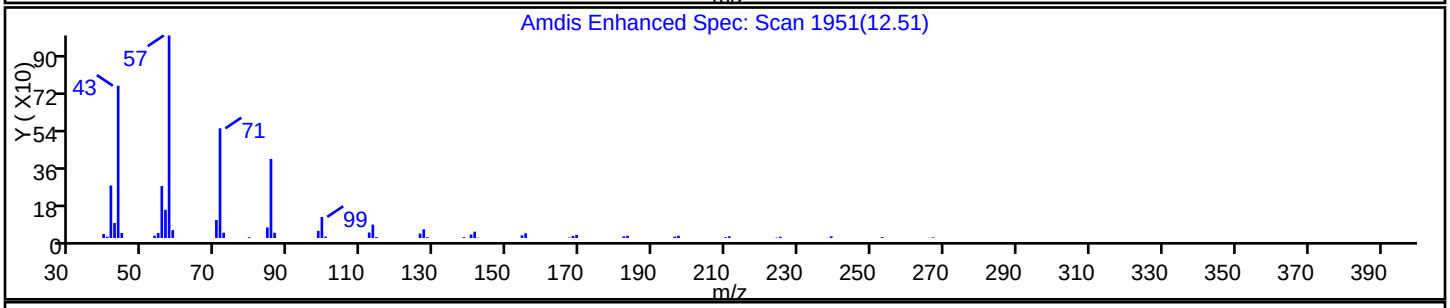
Injection Vol: 1.0 ul Dil. Factor: 1.0000

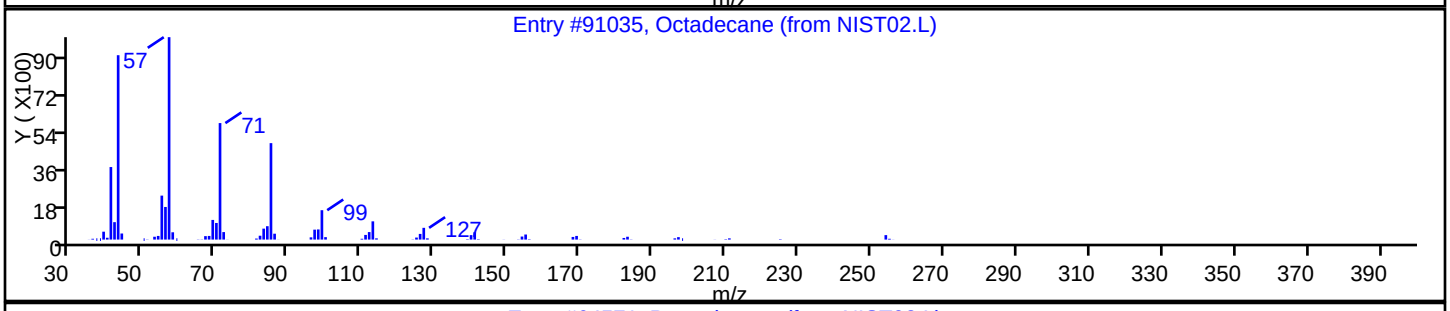
Method: 8270_12R Limit Group: SV 8270 ICAL

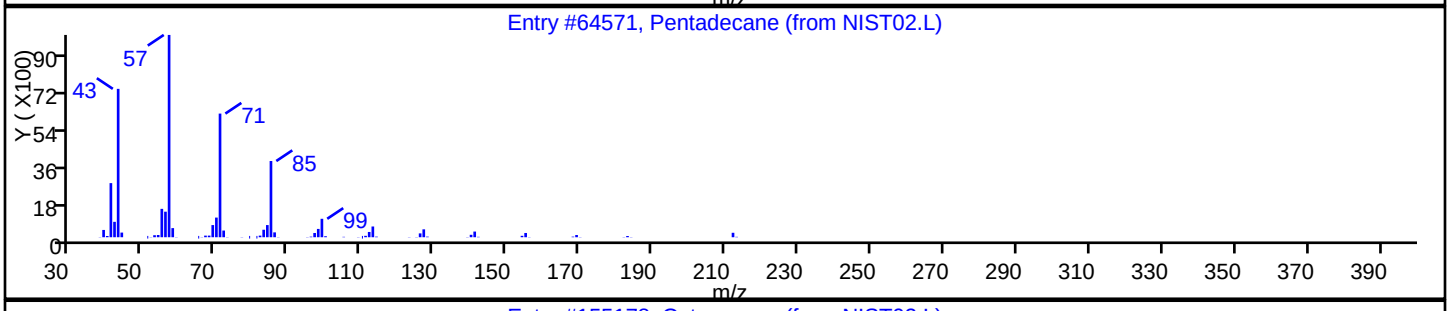
Column: Detector MS SCAN

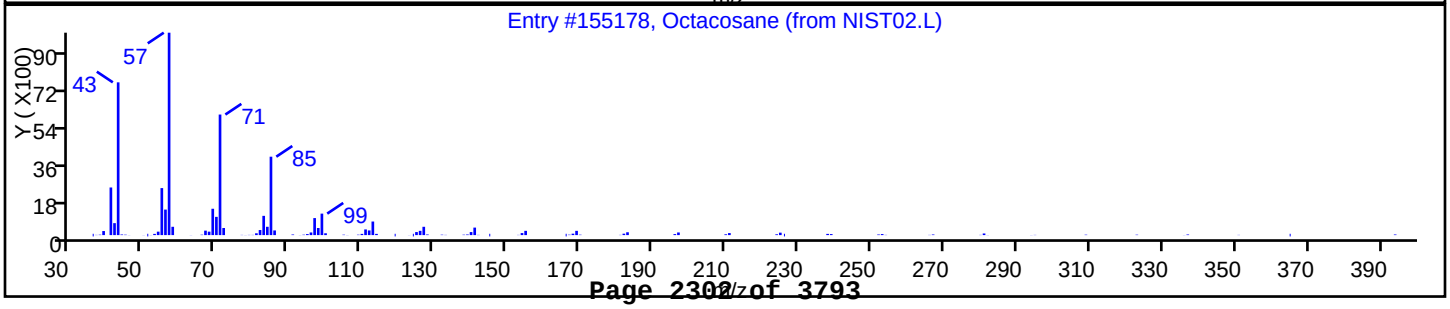
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octadecane	593-45-3	NIST02.L	91035	C18H38	254	91
Pentadecane	629-62-9	NIST02.L	64571	C15H32	212	91
Octacosane	630-02-4	NIST02.L	155178	C28H58	394	91









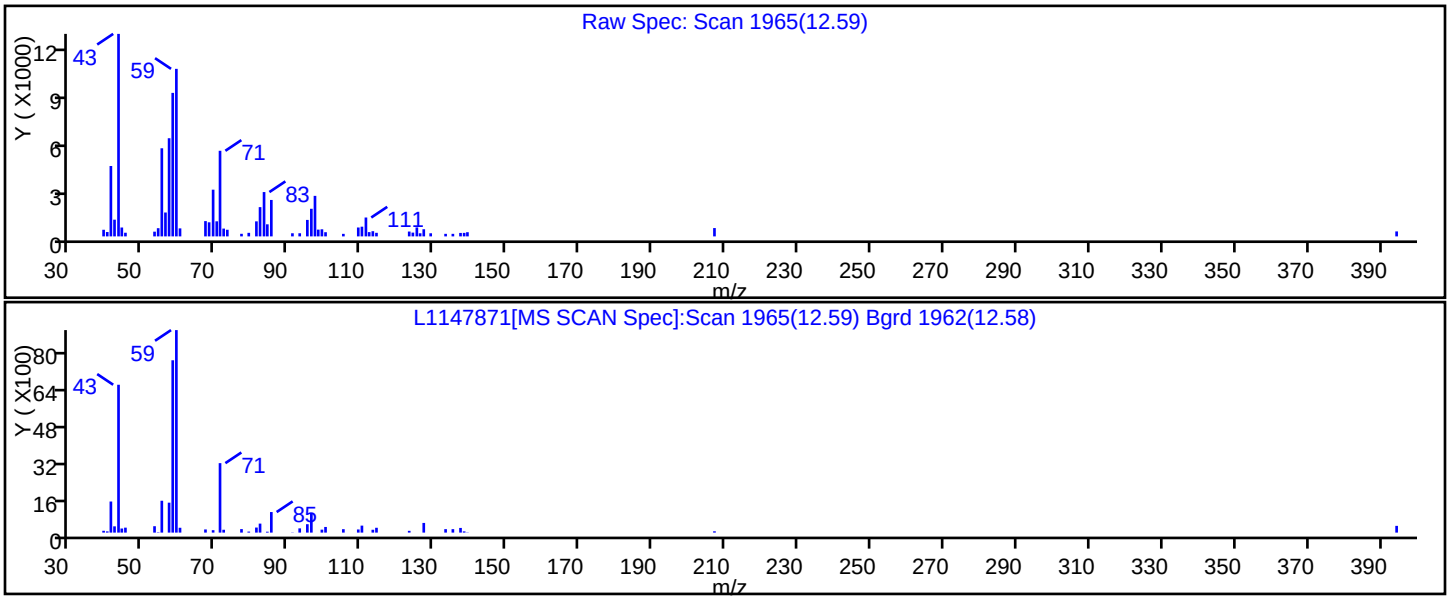


Report Date: 14-Mar-2014 10:01:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147871.D

Injection Date:	11-Mar-2014 21:20:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-24-C	Lab Sample ID:	460-72174-24		
Client ID:	PMP-13SW-SD				
Operator ID:	BNA 12	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	No Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 14-Mar-2014 10:01:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147871.D

Injection Date: 11-Mar-2014 21:20:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-24-C Lab Sample ID: 460-72174-24

Client ID: PMP-13SW-SD

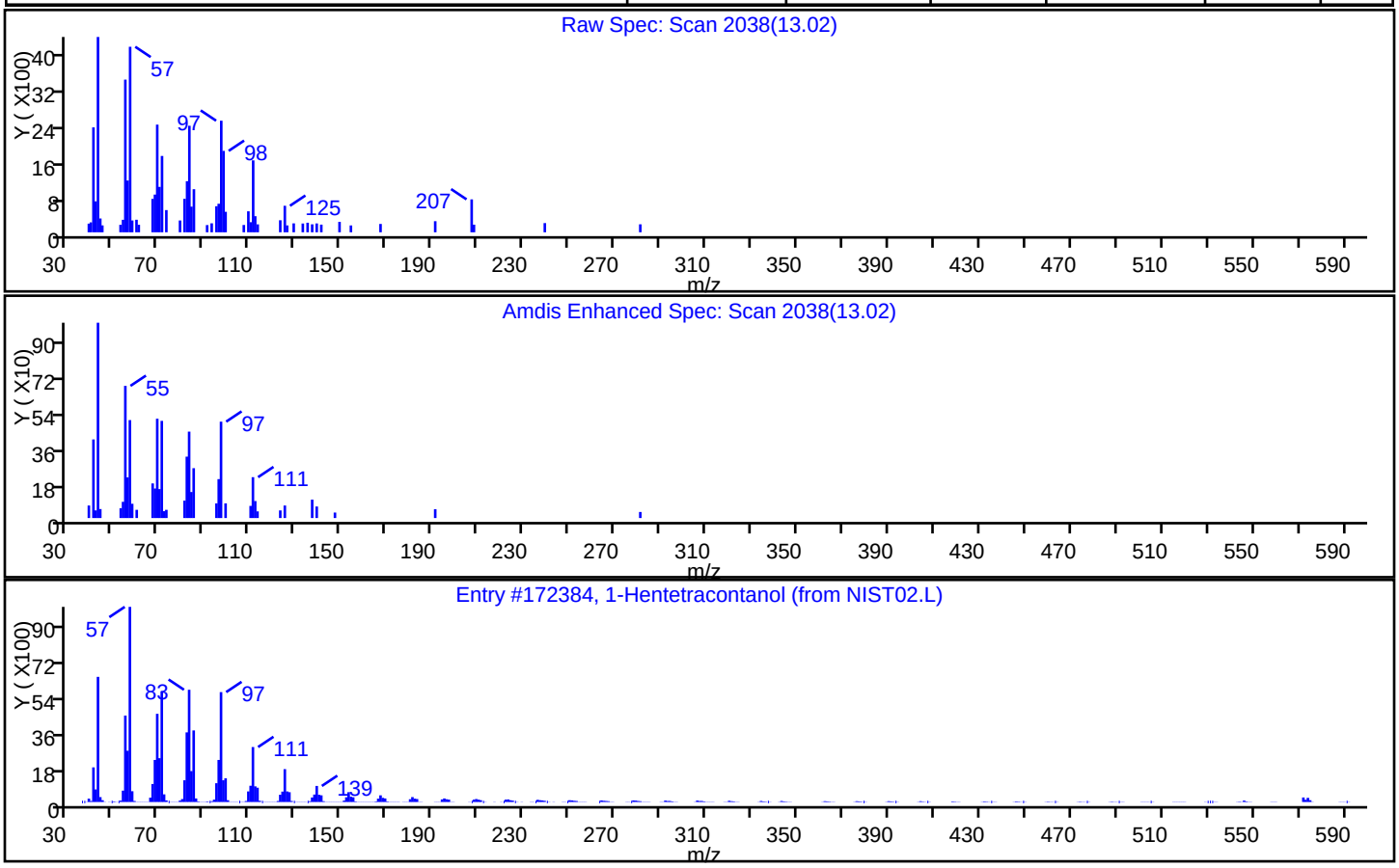
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Hentetracontanol	40710-42-7	NIST02.L	172384	C41H84O	593	86



Report Date: 14-Mar-2014 10:01:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147871.D

Injection Date: 11-Mar-2014 21:20:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-24-C Lab Sample ID: 460-72174-24

Client ID: PMP-13SW-SD

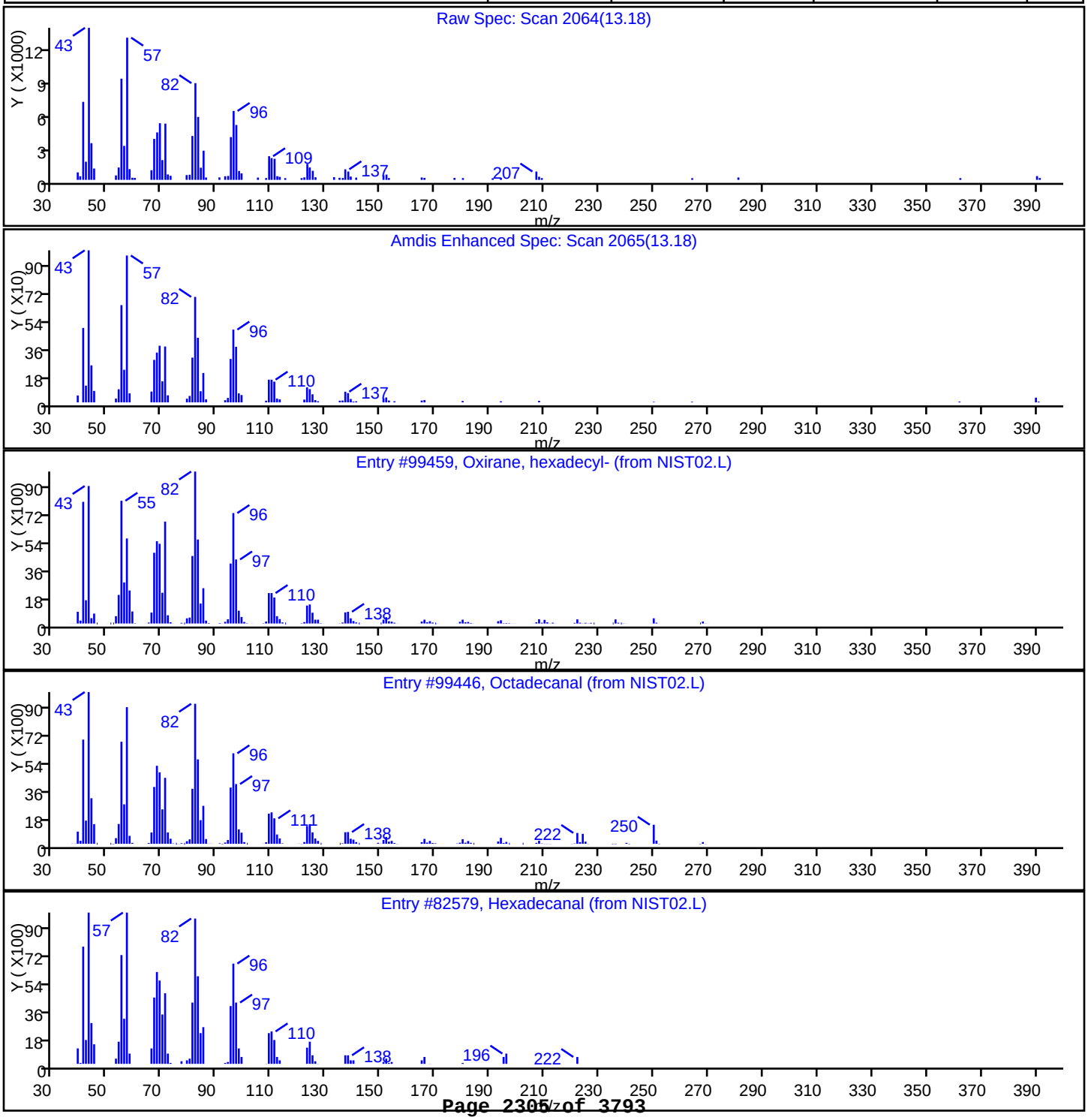
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Oxirane, hexadecyl-	7390-81-0	NIST02.L	99459	C18H36O	268	91
Octadecanal	638-66-4	NIST02.L	99446	C18H36O	268	91
Hexadecanal	629-80-1	NIST02.L	82579	C16H32O	240	91



Report Date: 14-Mar-2014 10:01:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147871.D

Injection Date: 11-Mar-2014 21:20:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-24-C Lab Sample ID: 460-72174-24

Client ID: PMP-13SW-SD

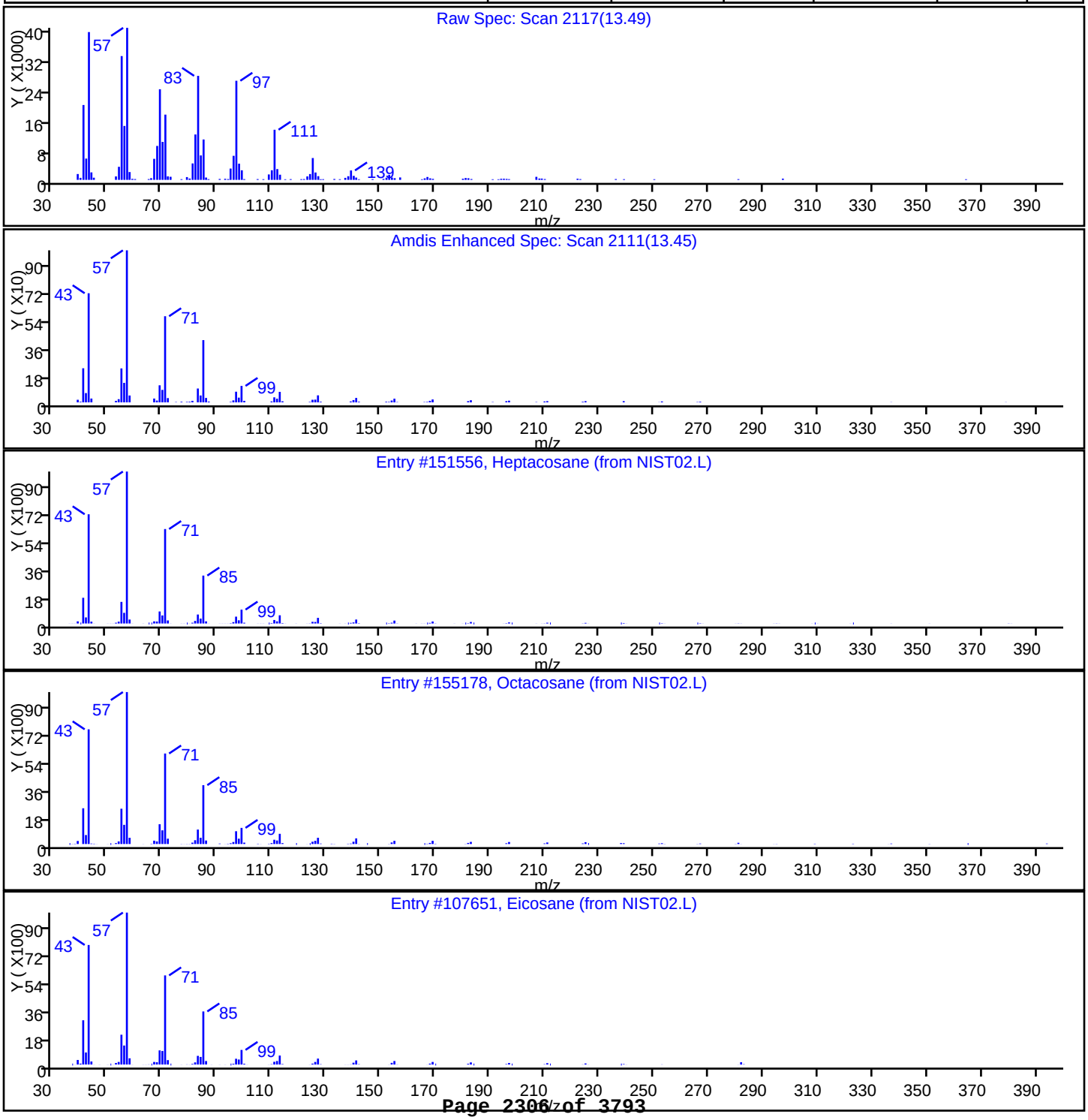
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptacosane	593-49-7	NIST02.L	151556	C27H56	380	91
Octacosane	630-02-4	NIST02.L	155178	C28H58	394	91
Eicosane	112-95-8	NIST02.L	107651	C20H42	282	90

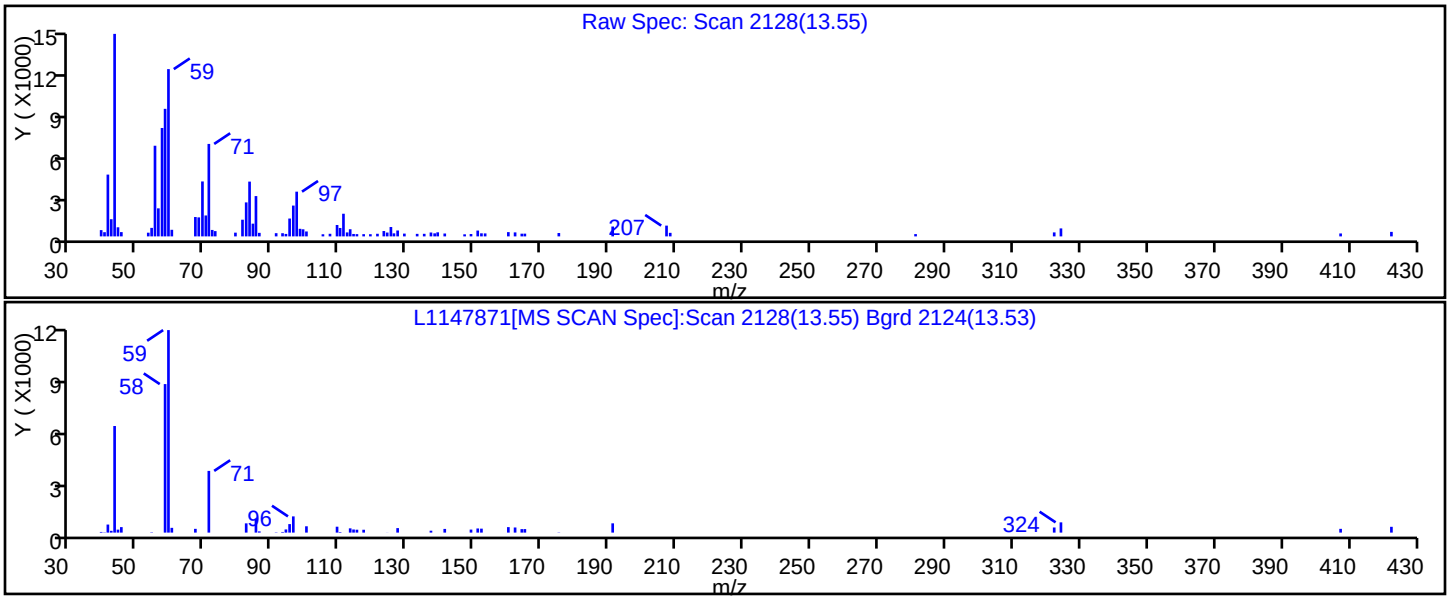


Report Date: 14-Mar-2014 10:01:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147871.D

Injection Date:	11-Mar-2014 21:20:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-24-C	Lab Sample ID:	460-72174-24		
Client ID:	PMP-13SW-SD				
Operator ID:	BNA 12	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 14-Mar-2014 10:01:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147871.D

Injection Date: 11-Mar-2014 21:20:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-24-C Lab Sample ID: 460-72174-24

Client ID: PMP-13SW-SD

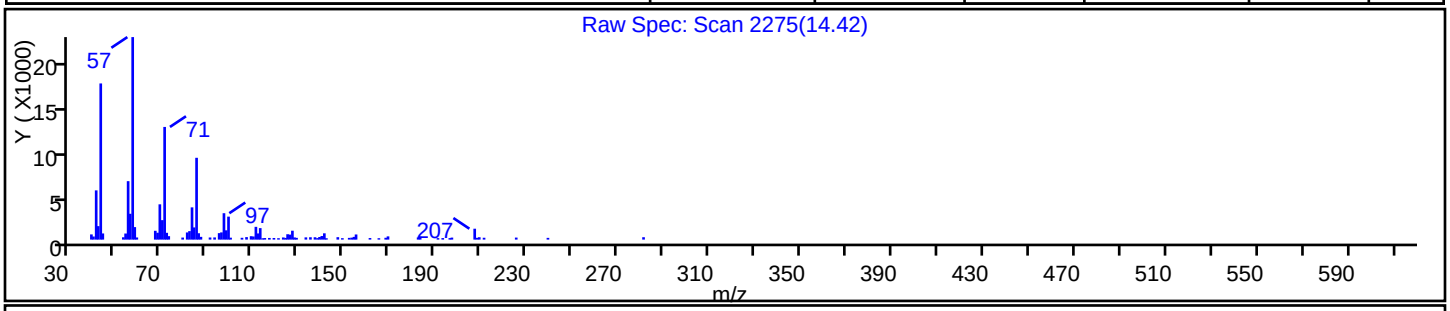
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14

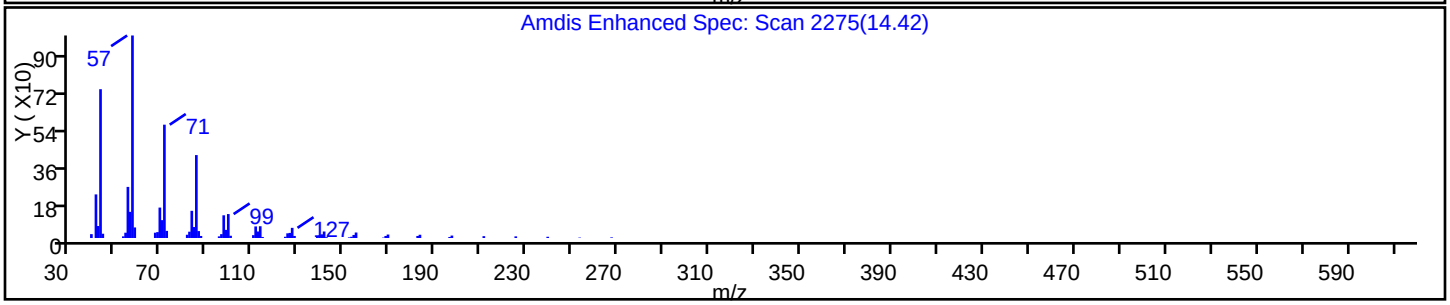
Injection Vol: 1.0 ul Dil. Factor: 1.0000

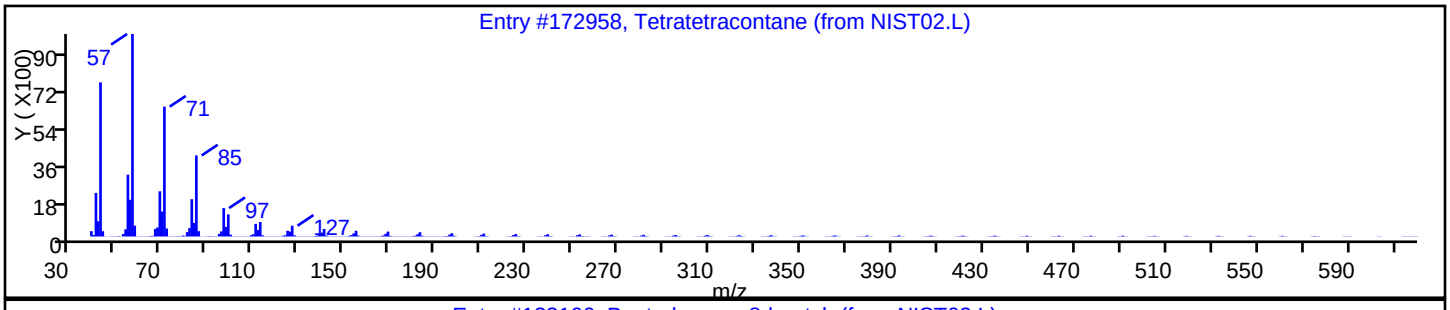
Method: 8270_12R Limit Group: SV 8270 ICAL

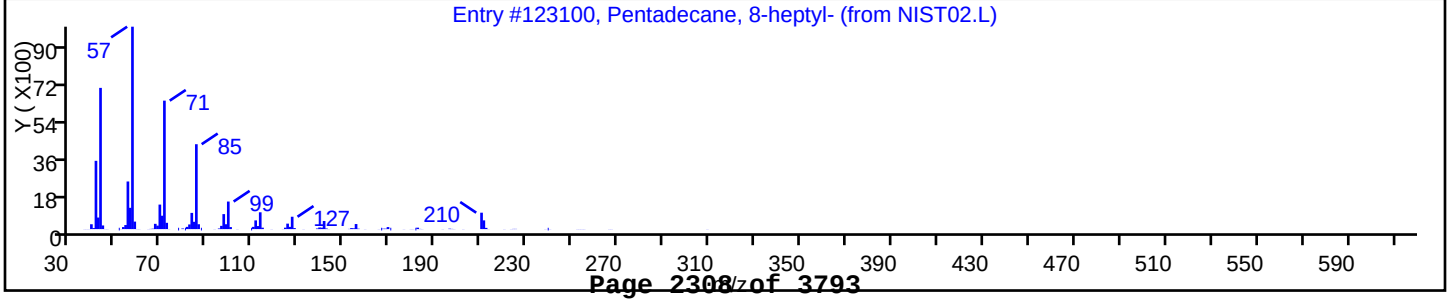
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Tetratetracontane	7098-22-8	NIST02.L	172958	C44H90	619	91
Pentadecane, 8-heptyl-	71005-15-7	NIST02.L	123100	C22H46	310	91









Report Date: 14-Mar-2014 10:01:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147871.D

Injection Date: 11-Mar-2014 21:20:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-24-C Lab Sample ID: 460-72174-24

Client ID: PMP-13SW-SD

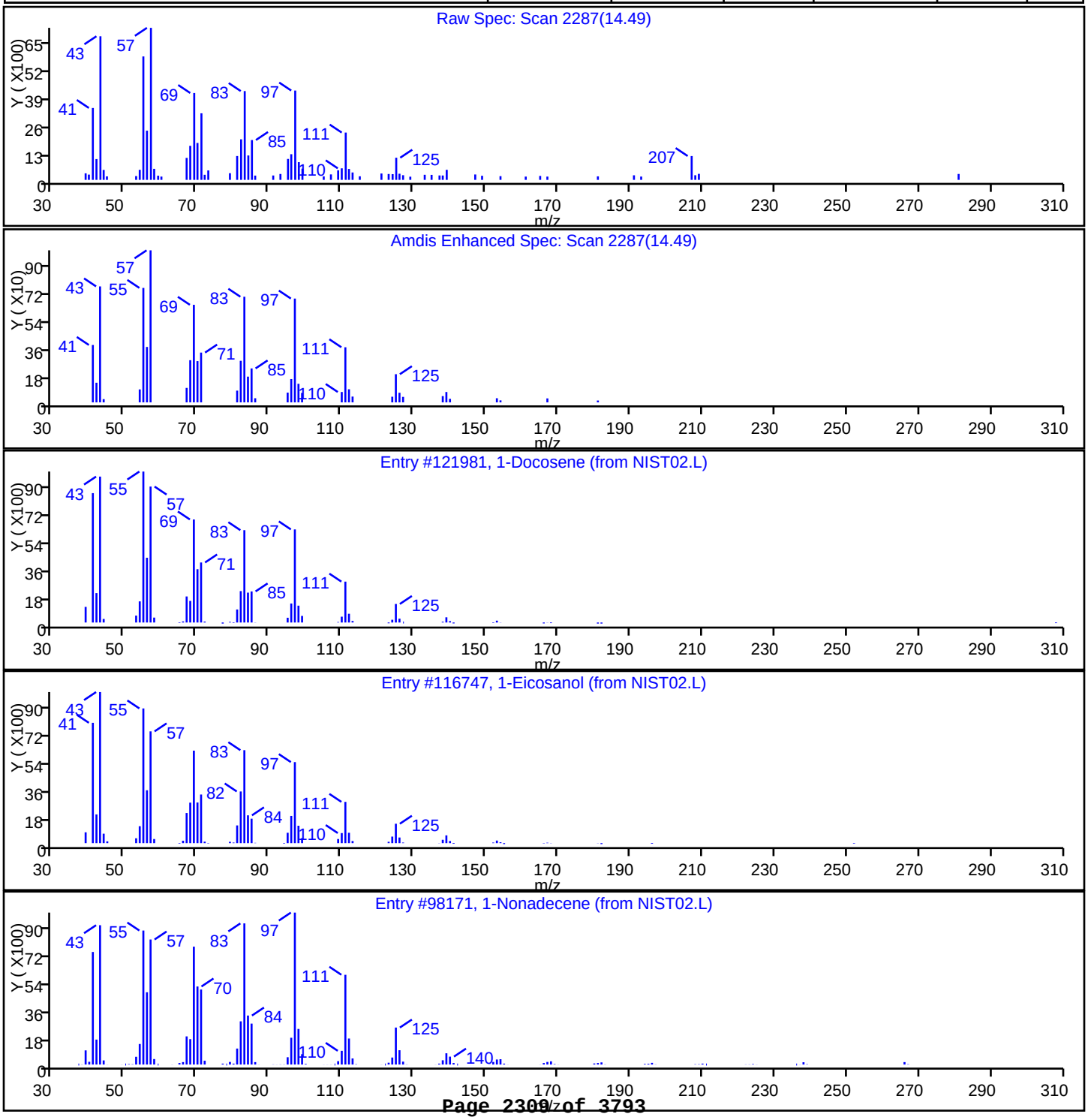
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

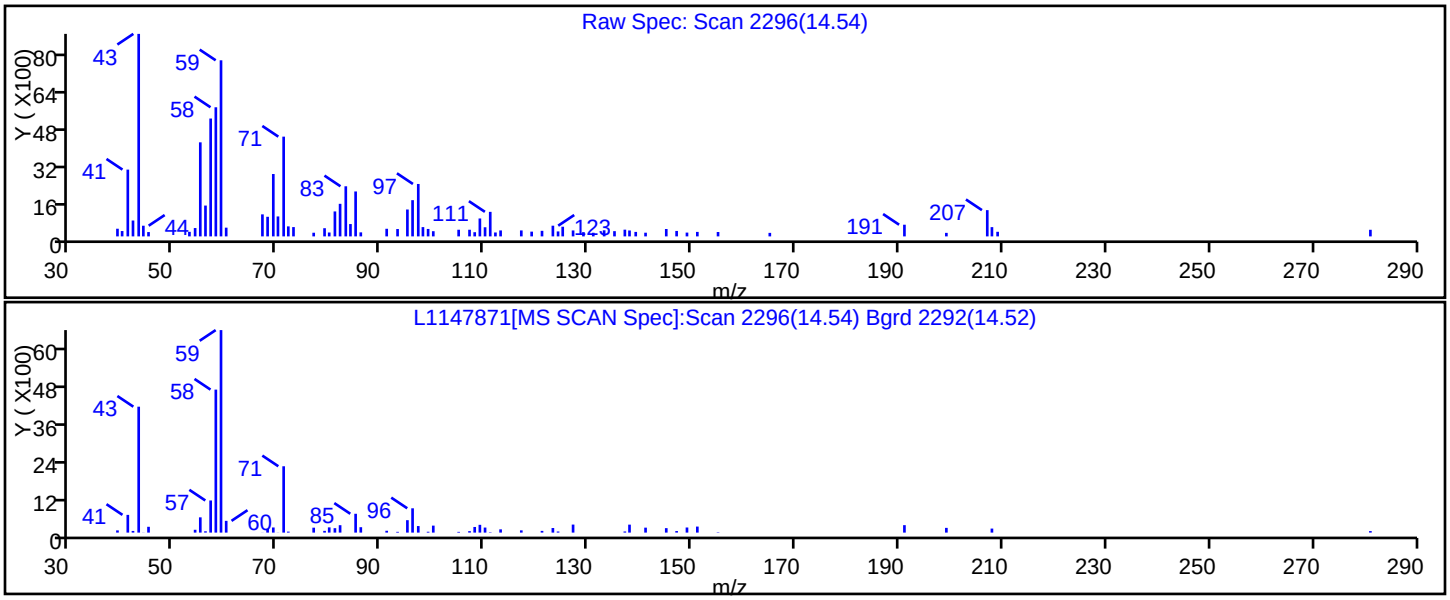
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Docosene	1599-67-3	NIST02.L	121981	C22H44	308	91
1-Eicosanol	629-96-9	NIST02.L	116747	C20H42O	298	91
1-Nonadecene	18435-45-5	NIST02.L	98171	C19H38	266	86



Report Date: 14-Mar-2014 10:01:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147871.D				
Injection Date:	11-Mar-2014 21:20:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-24-C	Lab Sample ID:	460-72174-24		
Client ID:	PMP-13SW-SD				
Operator ID:	BNA 12	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



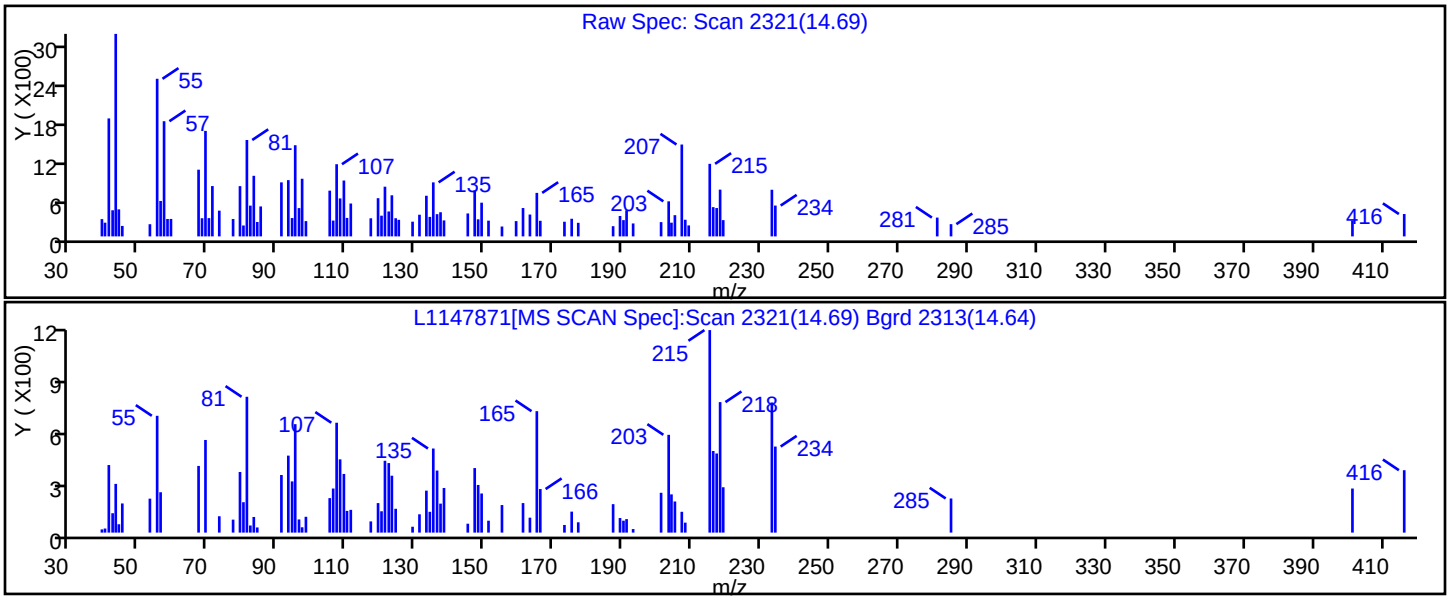
Report Date: 14-Mar-2014 10:01:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147871.D

Injection Date:	11-Mar-2014 21:20:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-24-C	Lab Sample ID:	460-72174-24		
Client ID:	PMP-13SW-SD				
Operator ID:	BNA 12	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 14-Mar-2014 10:01:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147871.D

Injection Date: 11-Mar-2014 21:20:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-24-C Lab Sample ID: 460-72174-24

Client ID: PMP-13SW-SD

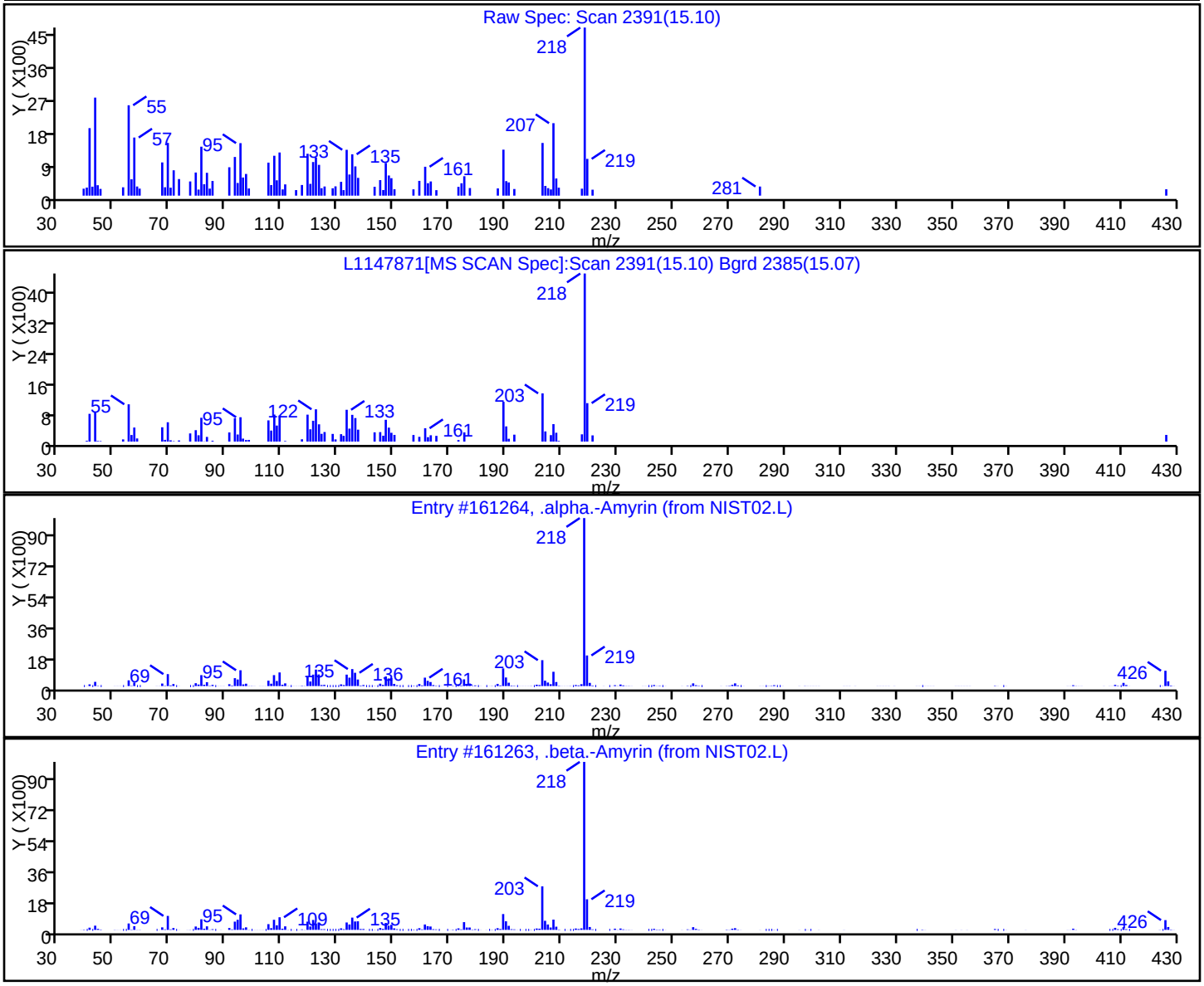
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
.alpha.-Amyrin	638-95-9	NIST02.L	161264	C30H50O	426	91
.beta.-Amyrin	559-70-6	NIST02.L	161263	C30H50O	426	80

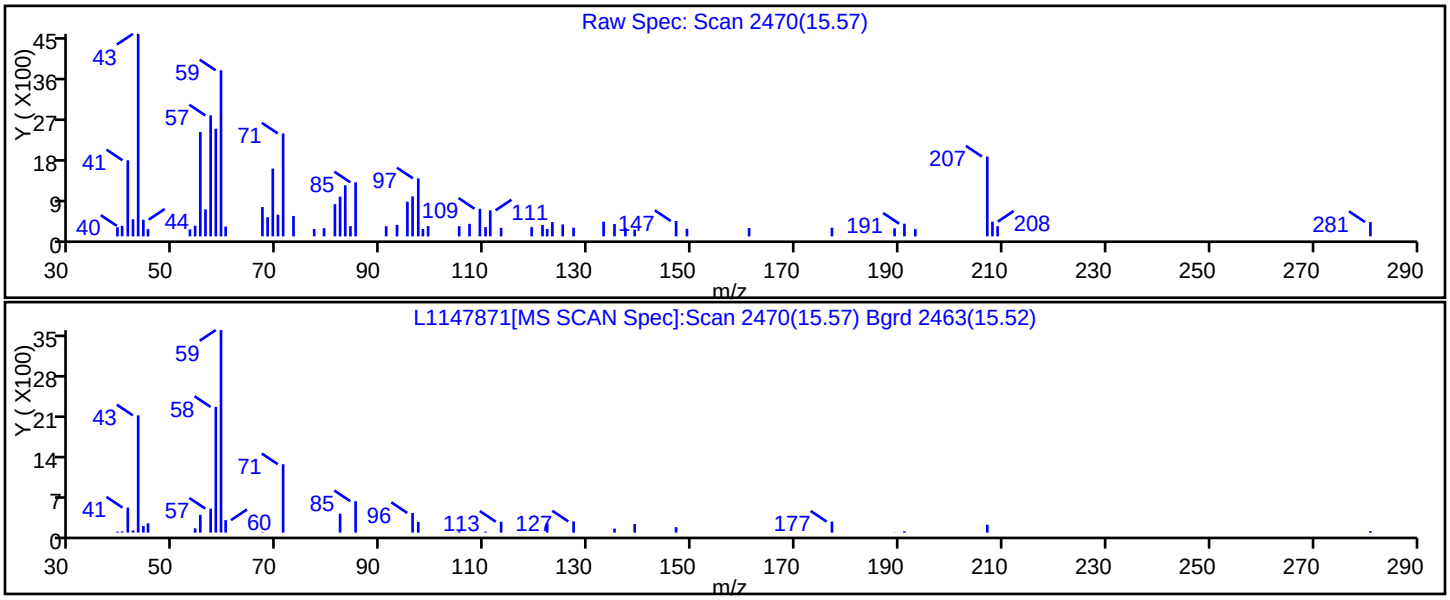


Report Date: 14-Mar-2014 10:01:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147871.D

Injection Date:	11-Mar-2014 21:20:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-24-C	Lab Sample ID:	460-72174-24		
Client ID:	PMP-13SW-SD				
Operator ID:	BNA 12	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	No Library Matches Found above the Threshold: 80	Detector	MS SCAN		

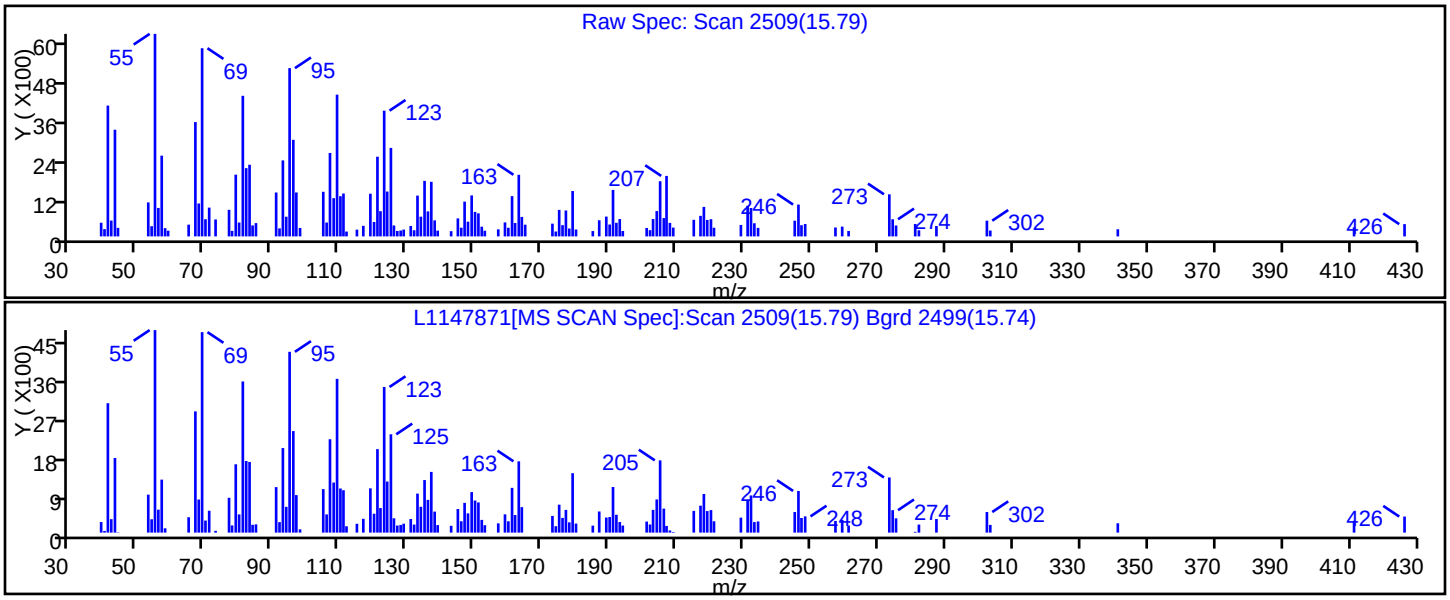


Report Date: 14-Mar-2014 10:01:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147871.D

Injection Date:	11-Mar-2014 21:20:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-24-C	Lab Sample ID:	460-72174-24		
Client ID:	PMP-13SW-SD				
Operator ID:	BNA 12	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Number of Library Matches Found above the Threshold: 80	Detector	MS SCAN		



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-VD | Lab Sample ID: 460-72174-25

Matrix: Solid | Lab File ID: L1147872.D

Analysis Method: 8270C | Date Collected: 03/06/2014 16:45

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.01(g) | Date Analyzed: 03/11/2014 21:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	59	U	350	59
106-44-5	4-Methylphenol	69	U	350	69
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	54	U	350	54
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	35	5.8
98-95-3	Nitrobenzene	5.0	U *	35	5.0
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	42	U	350	42
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	86	U	350	86
120-83-2	2,4-Dichlorophenol	51	U	350	51
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
91-20-3	Naphthalene	40	U	350	40
106-47-8	4-Chloroaniline	92	U	350	92
87-68-3	Hexachlorobutadiene	8.5	U	71	8.5
105-60-2	Caprolactam	80	U	350	80
59-50-7	4-Chloro-3-methylphenol	53	U	350	53
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	45	U	350	45
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	150	U	350	150
606-20-2	2,6-Dinitrotoluene	11	U	71	11
131-11-3	Dimethyl phthalate	41	U	350	41
208-96-8	Acenaphthylene	41	U	350	41
99-09-2	3-Nitroaniline	120	U	350	120
83-32-9	Acenaphthene	51	U	350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-VD | Lab Sample ID: 460-72174-25

Matrix: Solid | Lab File ID: L1147872.D

Analysis Method: 8270C | Date Collected: 03/06/2014 16:45

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.01(g) | Date Analyzed: 03/11/2014 21:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	350	220
51-28-5	2,4-Dinitrophenol	200	U	710	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	42	U	350	42
86-73-7	Fluorene	45	U	350	45
206-44-0	Fluoranthene	46	U	350	46
84-74-2	Di-n-butyl phthalate	43	U	350	43
121-14-2	2,4-Dinitrotoluene	11	U	71	11
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
534-52-1	4,6-Dinitro-2-methylphenol	95	U	710	95
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	54	U	350	54
120-12-7	Anthracene	42	U	350	42
86-74-8	Carbazole	41	U	350	41
85-01-8	Phenanthrene	44	U	350	44
87-86-5	Pentachlorophenol	100	U	710	100
129-00-0	Pyrene	29	U	350	29
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.6	U	35	2.6
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	350	34
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	22	U	350	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	350	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	350	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-VD | Lab Sample ID: 460-72174-25

Matrix: Solid | Lab File ID: L1147872.D

Analysis Method: 8270C | Date Collected: 03/06/2014 16:45

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.01(g) | Date Analyzed: 03/11/2014 21:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	91		40-106
4165-62-2	Phenol-d5	84		44-104
1718-51-0	Terphenyl-d14	90		41-145
118-79-6	2,4,6-Tribromophenol	90		19-114
367-12-4	2-Fluorophenol	81		39-103
321-60-8	2-Fluorobiphenyl	93		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-VD | Lab Sample ID: 460-72174-25

Matrix: Solid | Lab File ID: L1147872.D

Analysis Method: 8270C | Date Collected: 03/06/2014 16:45

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.01(g) | Date Analyzed: 03/11/2014 21:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

Number TICs Found: 17 | TIC Result Total: 9220

CAS NO.	COMPOUND NAME	RT	RESULT	Q
88-73-3	Benzene, 1-chloro-2-nitro-	5.39	310	J N
629-59-4	Tetradecane	6.25	310	J N
581-40-8	Naphthalene, 2,3-dimethyl-	6.41	420	J N
112-40-3	Dodecane	6.57	410	J N
629-73-2	1-Hexadecene	6.69	360	J N
941-81-1	Azulene, 4,6,8-trimethyl-	7.04	310	J N
	Unknown alkane	7.10	340	J
544-76-3	Hexadecane	7.27	330	J N
593-49-7	Heptacosane	7.50	400	J N
	Unknown	7.65	570	J
54105-67-8	Heptadecane, 2,6-dimethyl-	7.75	1800	J N
	Unknown	7.93	470	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.56	810	J N
38444-90-5	1,1'-Biphenyl, 3,4,4'-Trichloro-	8.77	430	J N
35693-99-3	1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	9.35	670	J N
	Unknown	9.87	570	J
511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,10-octa	10.25	710	J N

Report Date: 14-Mar-2014 10:01:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147872.D
Lims ID: 460-72174-F-25-E Lab Sample ID: 460-72174-25
Client ID: PMP-28SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 21:44:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010722-015
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 10:00:53 Calib Date: 05-Mar-2014 23:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147714.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: croccom Date: 12-Mar-2014 08:51:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.454	2.431	0.023	94	111468	40.6	
$ 6 Phenol-d5	99	3.366	3.366	0.0	68	135208	42.2	
* 13 1,4-Dichlorobenzene-d4	152	3.719	3.713	0.006	95	97249	40.0	
$ 25 Nitrobenzene-d5	82	4.290	4.296	-0.006	91	120265	45.3	
* 35 Naphthalene-d8	136	5.019	5.019	0.0	99	344137	40.0	
41 2-Methylnaphthalene	142	5.748	5.748	0.0	66	3260	0.6207	
$ 48 2-Fluorobiphenyl	172	6.125	6.125	0.0	97	242862	46.5	
* 61 Acenaphthene-d10	164	6.778	6.778	0.0	93	160050	40.0	
$ 76 2,4,6-Tribromophenol	330	7.560	7.566	-0.006	92	34460	44.8	
* 83 Phenanthrene-d10	188	8.242	8.242	0.0	98	226303	40.0	
$ 91 Terphenyl-d14	244	9.819	9.825	-0.006	99	186366	45.2	
* 96 Chrysene-d12	240	10.901	10.907	-0.006	99	193646	40.0	
* 103 Perylene-d12	264	12.689	12.695	-0.006	98	219337	40.0	

Report Date: 14-Mar-2014 10:01:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147872.D
Lims ID: 460-72174-F-25-E Lab Sample ID: 460-72174-25
Client ID: PMP-28SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 21:44:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010722-015
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 10:00:53 Calib Date: 05-Mar-2014 23:36:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: croccom Date: 12-Mar-2014 08:51:08

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	88-73-3	Benzene, 1-chloro-2-nitro-						
5.390	79252	4.46	35	99	27936	C6H4ClNO2	157	
	629-59-4	Tetradecane						
6.248	81011	4.46	61	95	55010	C14H30	198	
	581-40-8	Naphthalene, 2,3-dimethyl-						
6.413	109638	6.04	61	98	27164	C12H12	156	
	112-40-3	Dodecane						
6.572	106087	5.84	61	86	36158	C12H26	170	
	629-73-2	1-Hexadecene						
6.690	93723	5.16	61	90	72488	C16H32	224	
	941-81-1	Azulene, 4,6,8-trimethyl-						
7.037	80799	4.45	61	95	36205	C13H14	170	
		Unknown alkane						
7.101	87184	4.80	61	0	0		0	
	544-76-3	Hexadecane						
7.272	85640	4.72	61	96	73964	C16H34	226	
	593-49-7	Heptacosane						
7.495	103405	5.70	61	86	151556	C27H56	380	
		Unknown						
7.648	117240	8.07	83					
	54105-67-8	Heptadecane, 2,6-dimethyl-						
7.754	363564	25.0	83	93	99490	C19H40	268	
		Unknown						
7.925	97151	6.69	83					

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	638-36-8	Hexadecane, 2,6,10,14-tetramethyl-						
8.560	167012	11.5	83	91	107670	C20H42	282	
	38444-90-5	1,1'-Biphenyl, 3,4,4'-Trichloro-						
8.766	88018	6.06	83	90	91794	C12H7Cl3	256	
	35693-99-3	1,1'-Biphenyl, 2,2',5,5'-tetrachloro-						
9.354	139317	9.59	83	96	111725	C12H6Cl4	290	
		Unknown						
9.866	99949	8.05	96					
	511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,10-octa						
10.248	126177	10.2	96	94	110104	C20H30O	286	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 35 Naphthalene-d8	5.019	711265	40.0
* 61 Acenaphthene-d10	6.778	726133	40.0
* 83 Phenanthrene-d10	8.242	581035	40.0
* 96 Chrysene-d12	10.901	496565	40.0

QC Flag Legend

Processing Flags

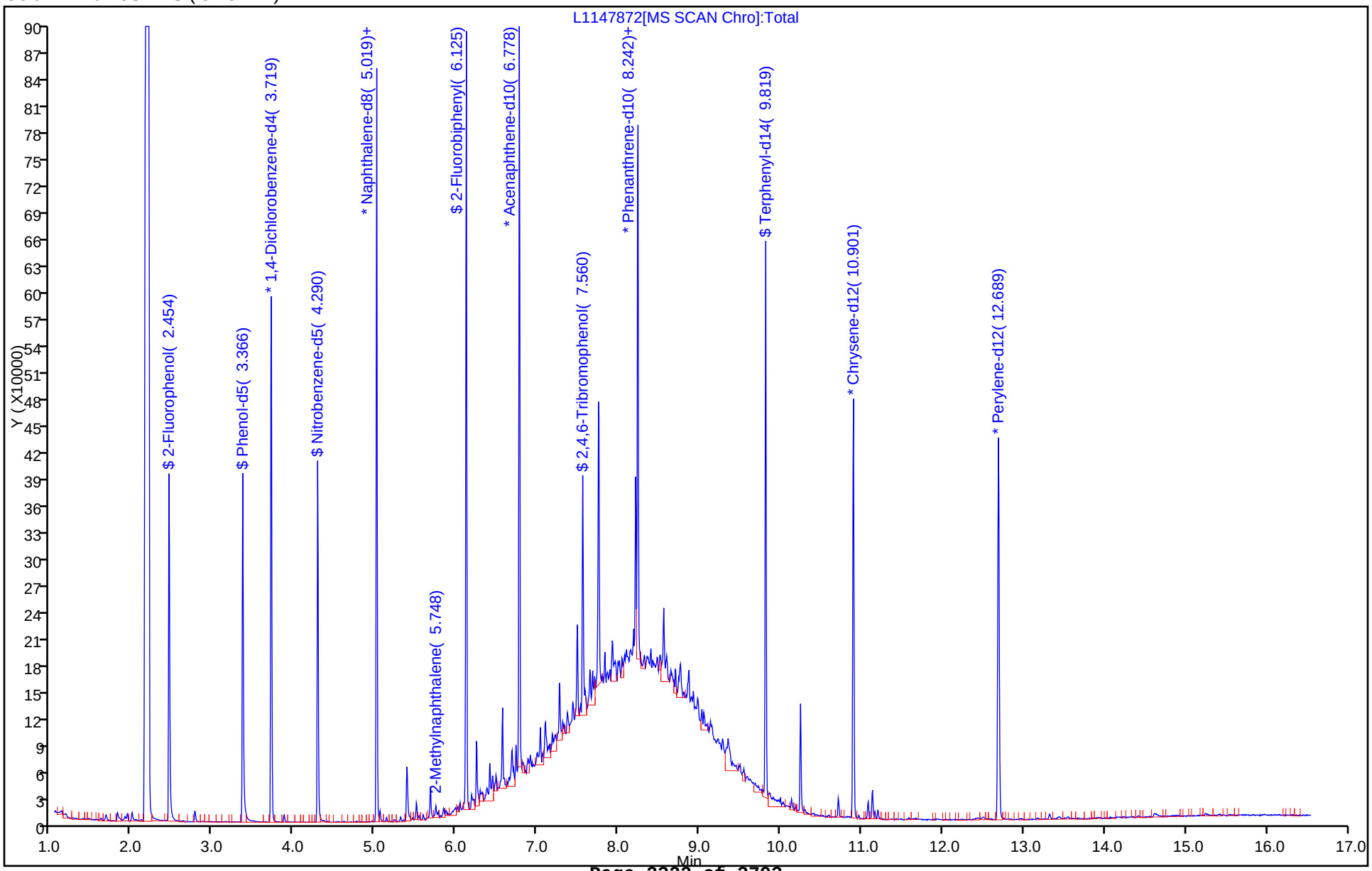
Report Date: 14-Mar-2014 10:01:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147872.D

Injection Date:	11-Mar-2014 21:44:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-72174-F-25-E	Lab Sample ID:	460-72174-25	Worklist Smp#:	15
Client ID:	PMP-28SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8270_12R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 14-Mar-2014 10:01:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147872.D

Injection Date: 11-Mar-2014 21:44:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-25-E Lab Sample ID: 460-72174-25

Client ID: PMP-28SW-VD

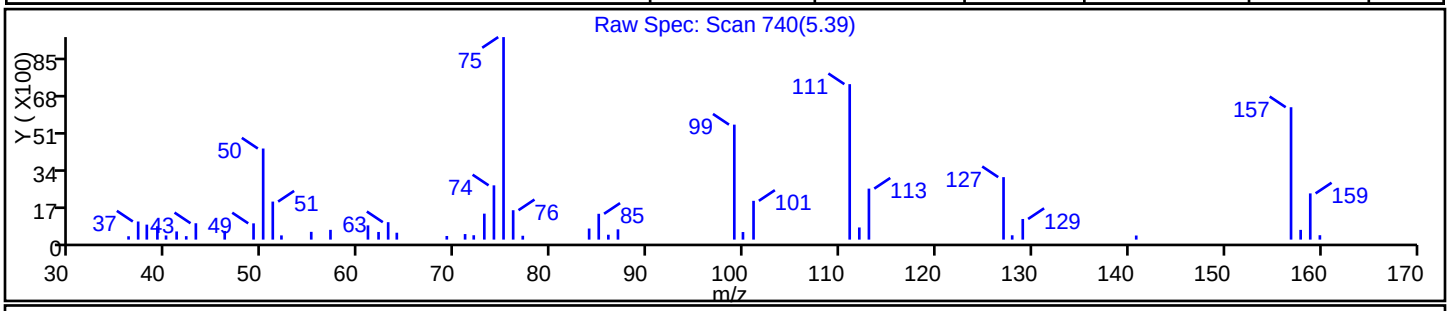
Operator ID: BNA 12 ALS Bottle#: 15 Worklist Smp#: 15

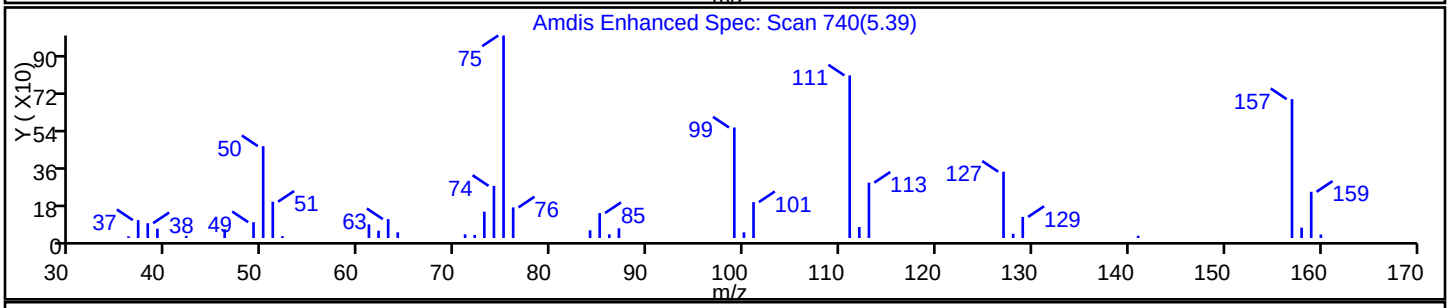
Injection Vol: 1.0 ul Dil. Factor: 1.0000

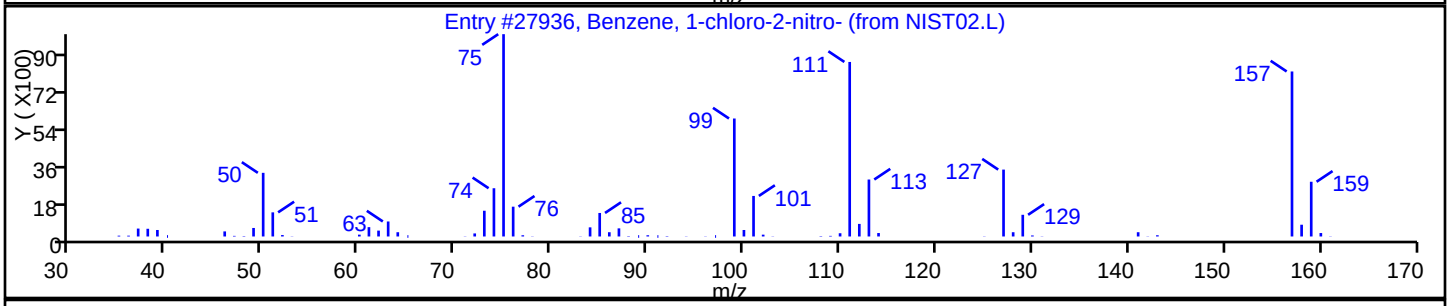
Method: 8270_12R Limit Group: SV 8270 ICAL

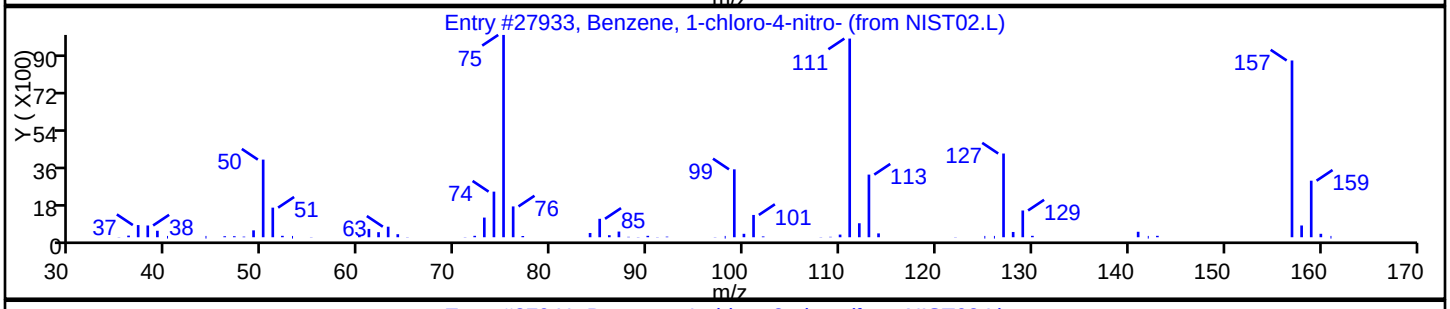
Column: Detector MS SCAN

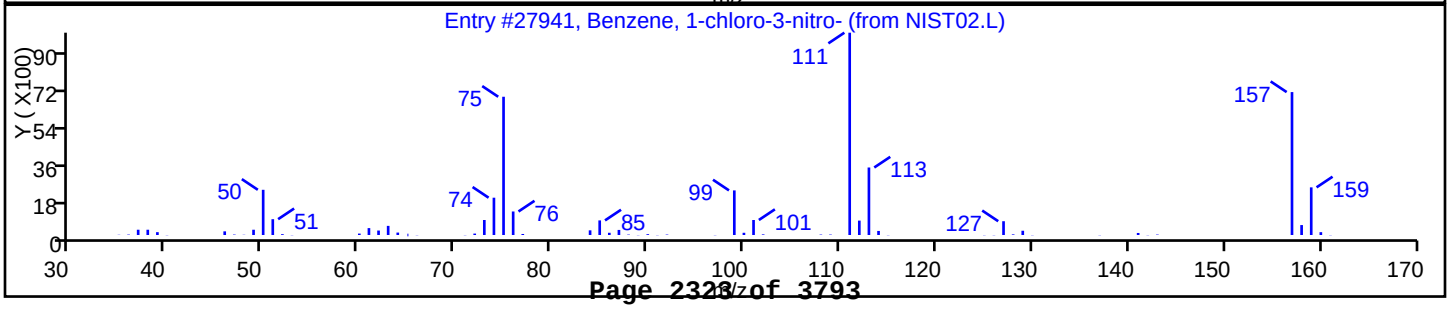
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.L	27936	C6H4ClNO2	157	99
Benzene, 1-chloro-4-nitro-	100-00-5	NIST02.L	27933	C6H4ClNO2	157	97
Benzene, 1-chloro-3-nitro-	121-73-3	NIST02.L	27941	C6H4ClNO2	157	93











Report Date: 14-Mar-2014 10:01:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147872.D

Injection Date: 11-Mar-2014 21:44:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-25-E Lab Sample ID: 460-72174-25

Client ID: PMP-28SW-VD

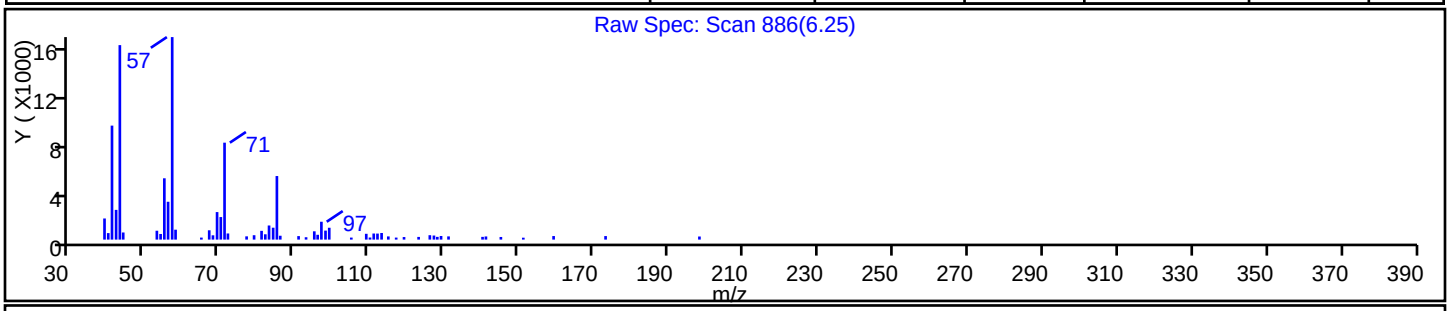
Operator ID: BNA 12 ALS Bottle#: 15 Worklist Smp#: 15

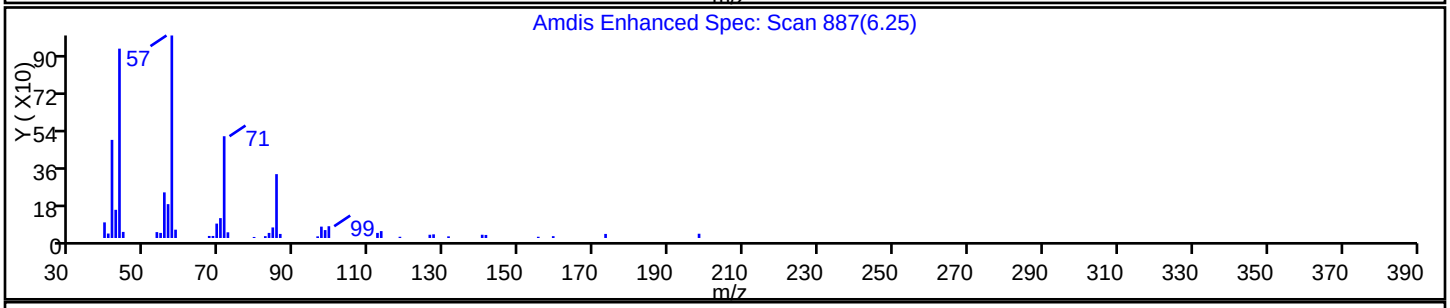
Injection Vol: 1.0 ul Dil. Factor: 1.0000

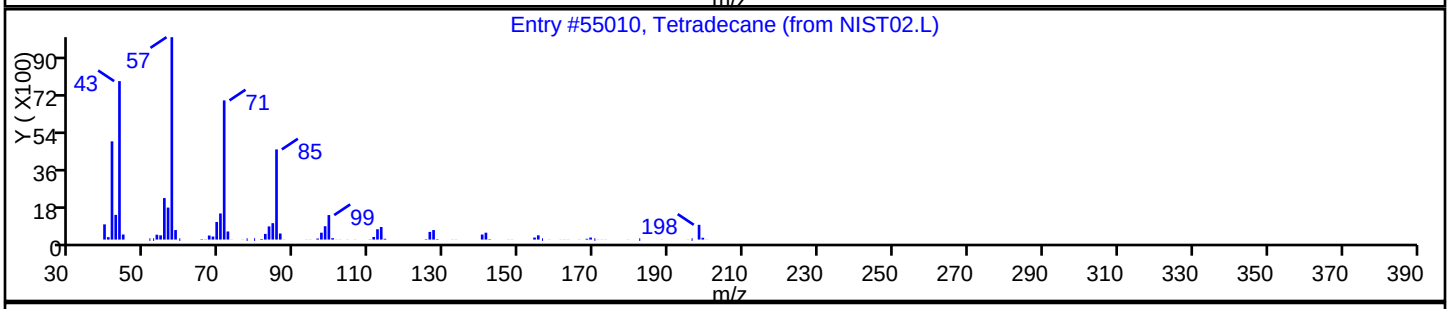
Method: 8270_12R Limit Group: SV 8270 ICAL

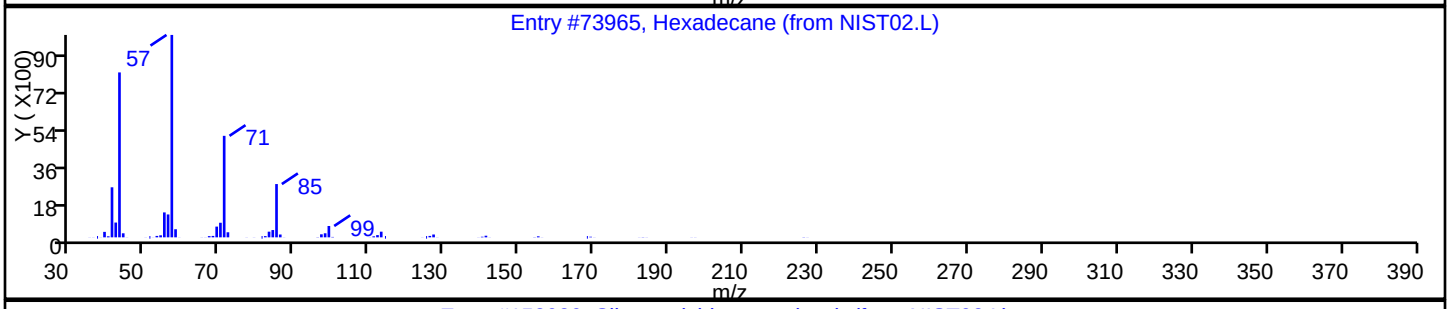
Column: Detector MS SCAN

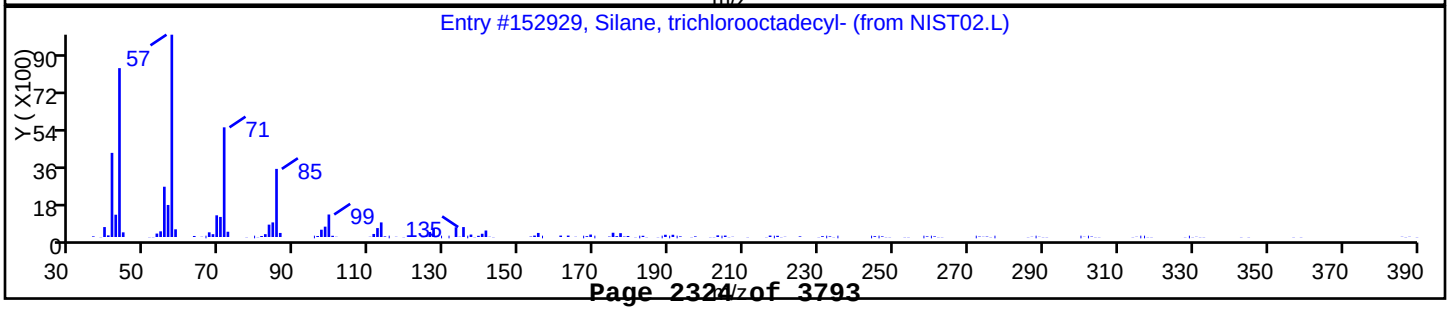
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetradecane	629-59-4	NIST02.L	55010	C14H30	198	95
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	91
Silane, trichlorooctadecyl-	112-04-9	NIST02.L	152929	C18H37Cl3S	386	90











Report Date: 14-Mar-2014 10:01:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147872.D

Injection Date: 11-Mar-2014 21:44:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-25-E Lab Sample ID: 460-72174-25

Client ID: PMP-28SW-VD

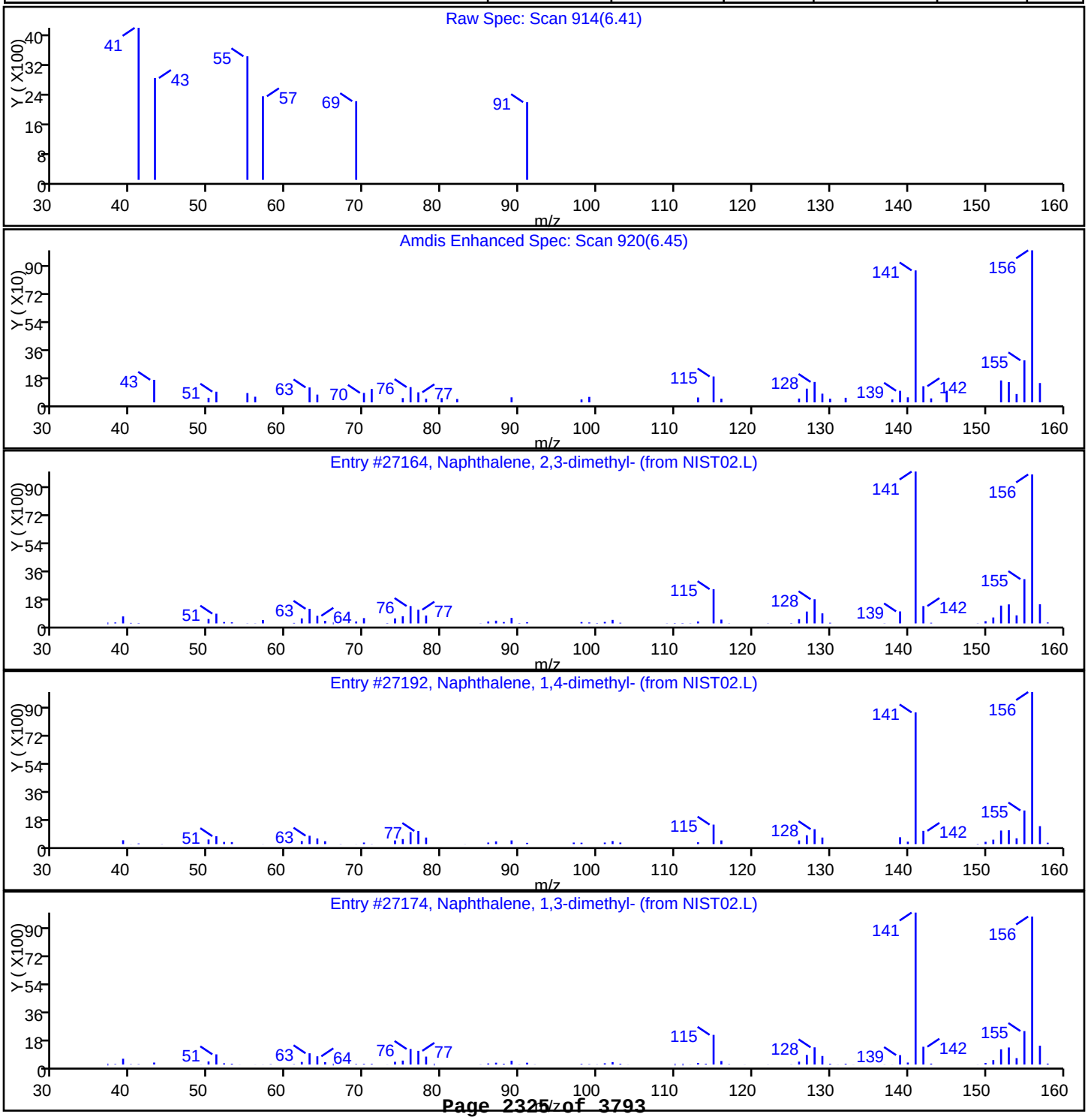
Operator ID: BNA 12 ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2,3-dimethyl-	581-40-8	NIST02.L	27164	C12H12	156	98
Naphthalene, 1,4-dimethyl-	571-58-4	NIST02.L	27192	C12H12	156	97
Naphthalene, 1,3-dimethyl-	575-41-7	NIST02.L	27174	C12H12	156	96



Report Date: 14-Mar-2014 10:01:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147872.D

Injection Date: 11-Mar-2014 21:44:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-25-E Lab Sample ID: 460-72174-25

Client ID: PMP-28SW-VD

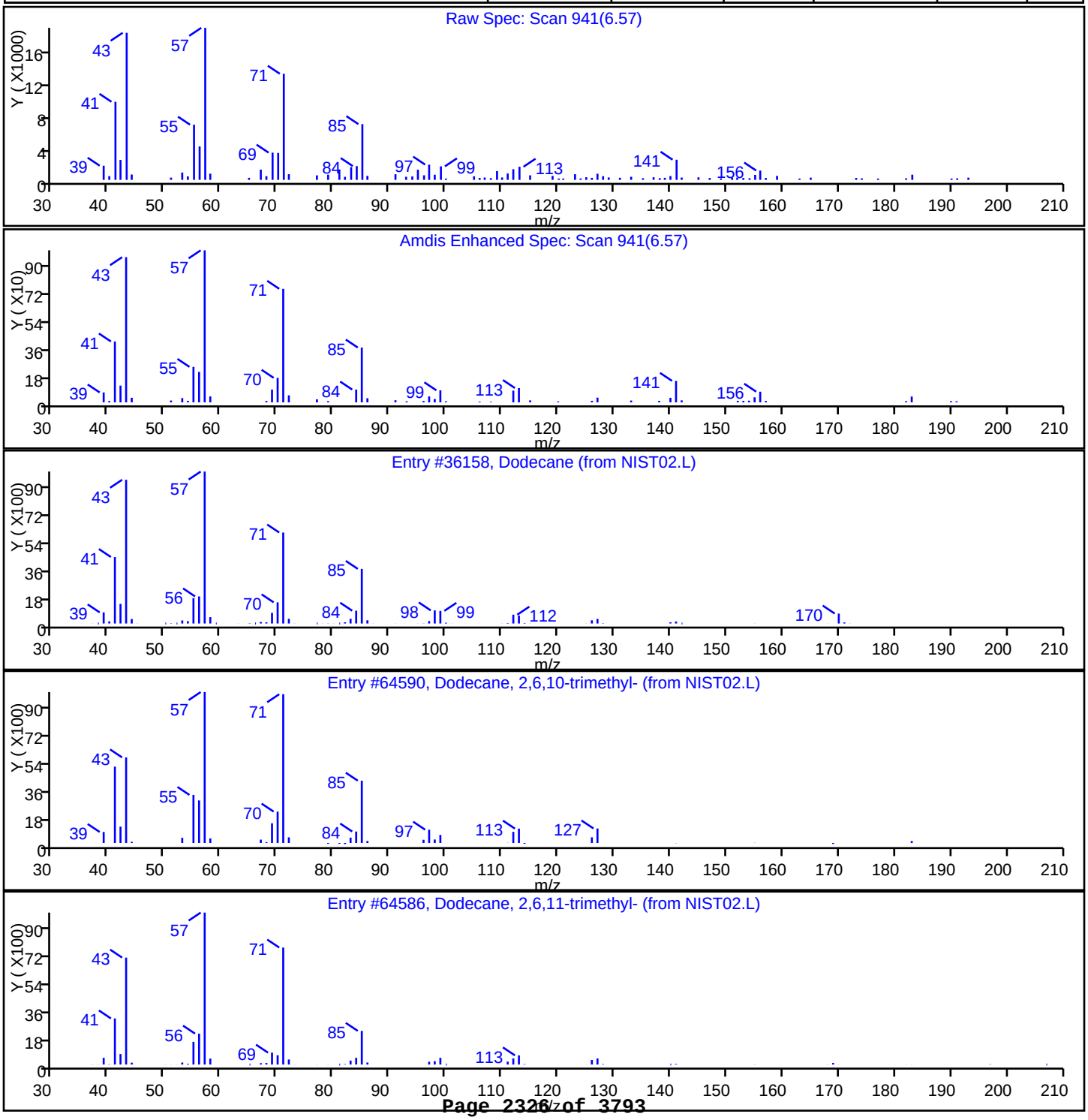
Operator ID: BNA 12 ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane	112-40-3	NIST02.L	36158	C12H26	170	86
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	C15H32	212	80
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64586	C15H32	212	80



Report Date: 14-Mar-2014 10:01:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147872.D

Injection Date: 11-Mar-2014 21:44:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-25-E Lab Sample ID: 460-72174-25

Client ID: PMP-28SW-VD

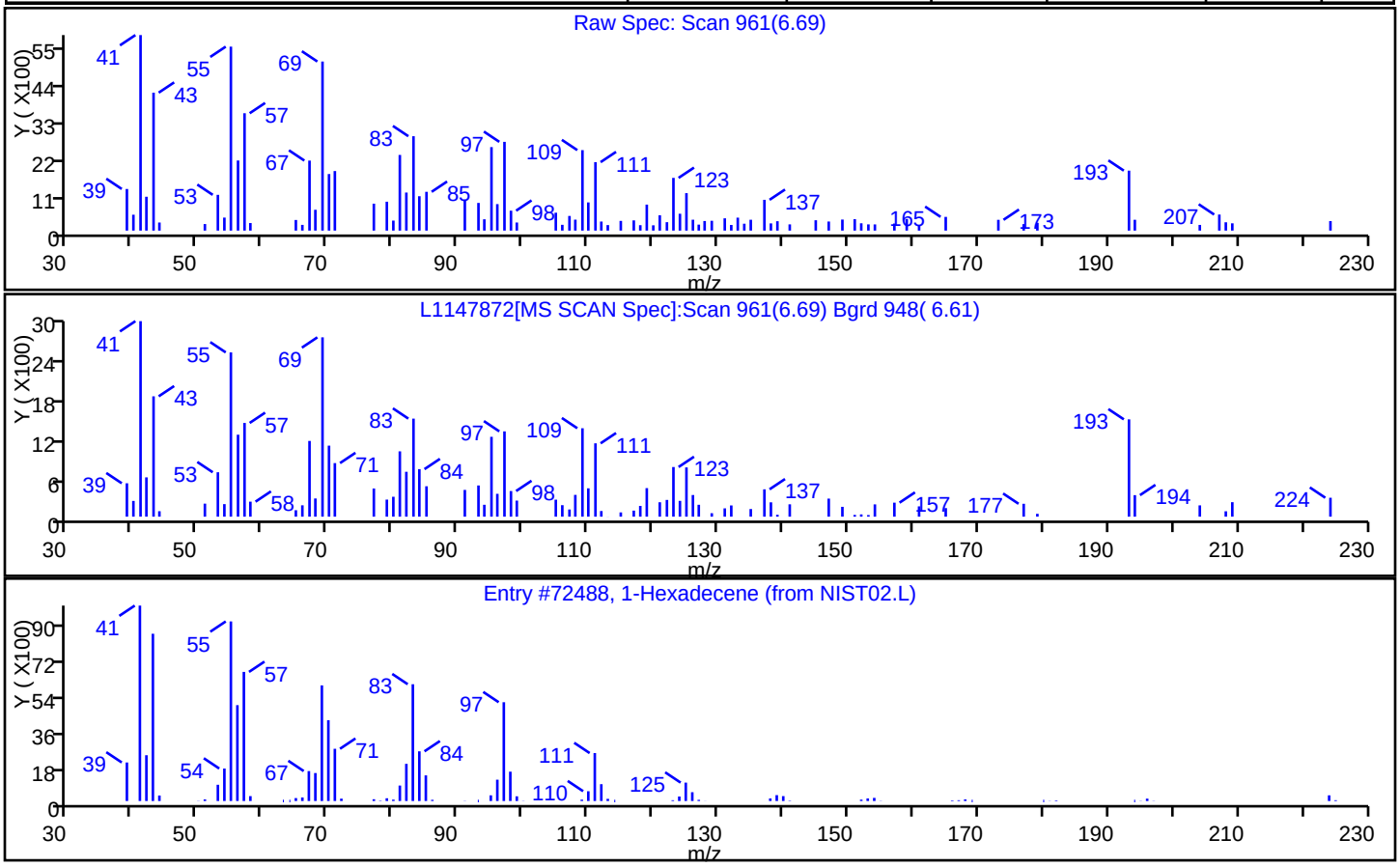
Operator ID: BNA 12 ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Hexadecene	629-73-2	NIST02.L	72488	C16H32	224	90



Report Date: 14-Mar-2014 10:01:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147872.D

Injection Date: 11-Mar-2014 21:44:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-25-E Lab Sample ID: 460-72174-25

Client ID: PMP-28SW-VD

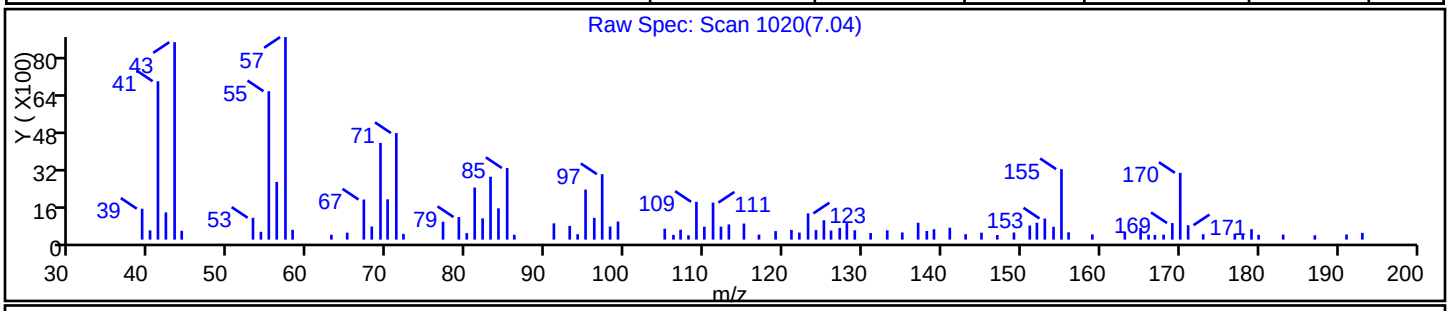
Operator ID: BNA 12 ALS Bottle#: 15 Worklist Smp#: 15

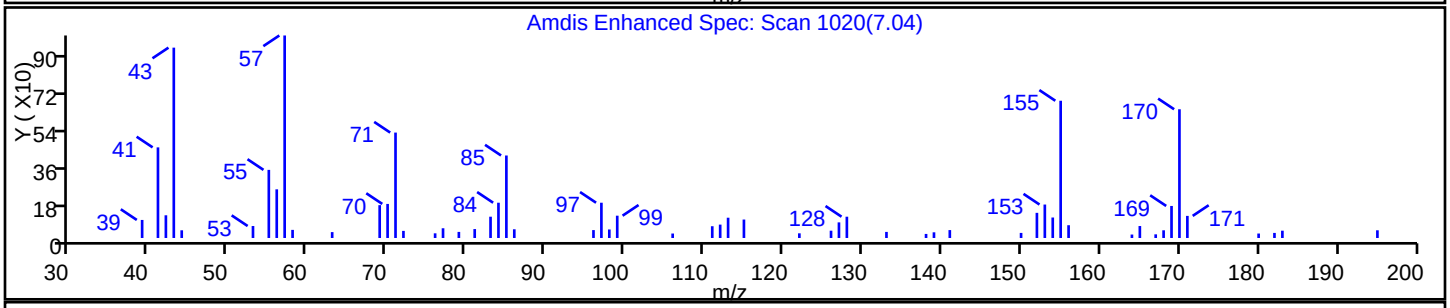
Injection Vol: 1.0 ul Dil. Factor: 1.0000

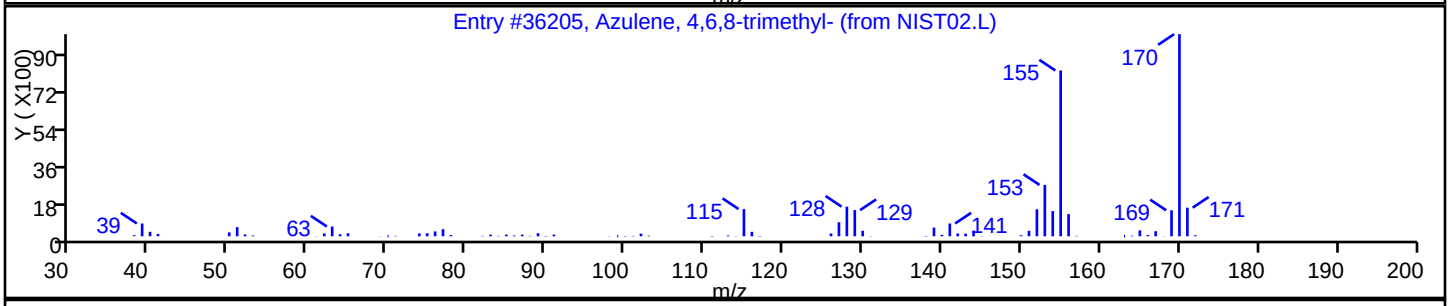
Method: 8270_12R Limit Group: SV 8270 ICAL

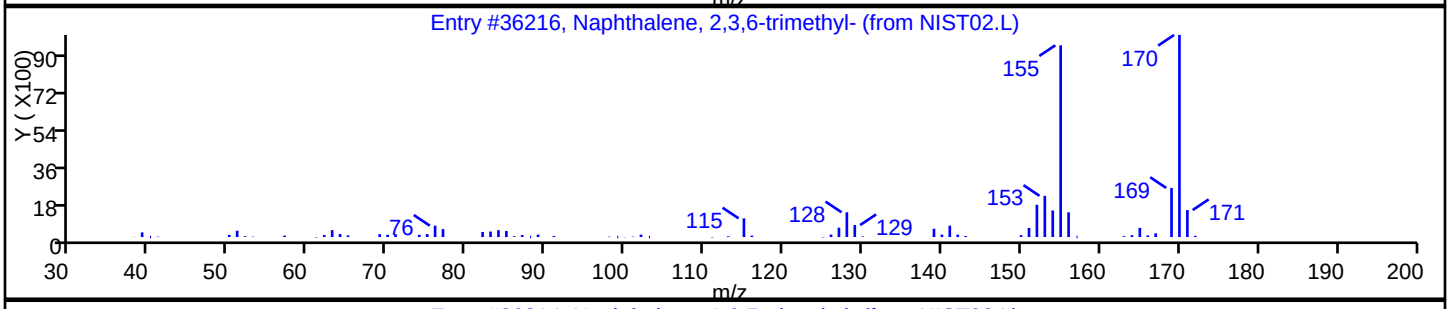
Column: Detector MS SCAN

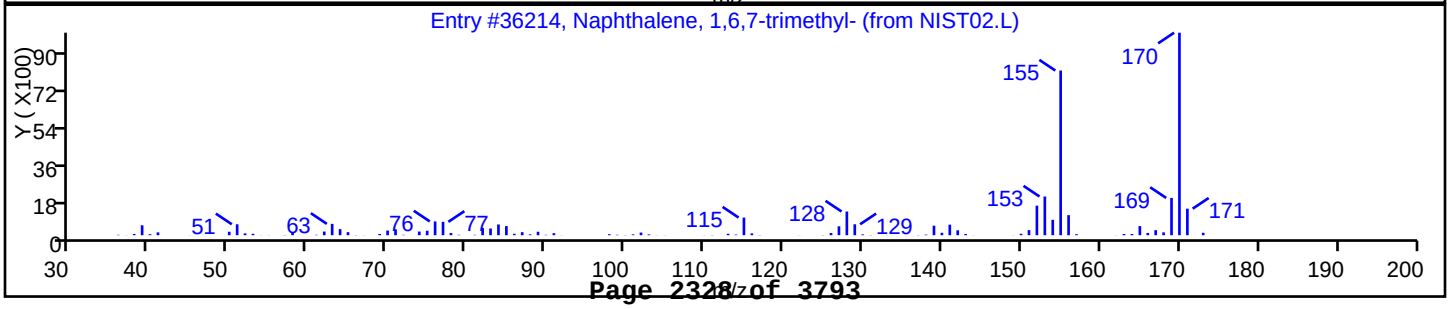
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Azulene, 4,6,8-trimethyl-	941-81-1	NIST02.L	36205	C13H14	170	95
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36216	C13H14	170	91
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36214	C13H14	170	90











Report Date: 14-Mar-2014 10:01:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147872.D

Injection Date: 11-Mar-2014 21:44:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-25-E Lab Sample ID: 460-72174-25

Client ID: PMP-28SW-VD

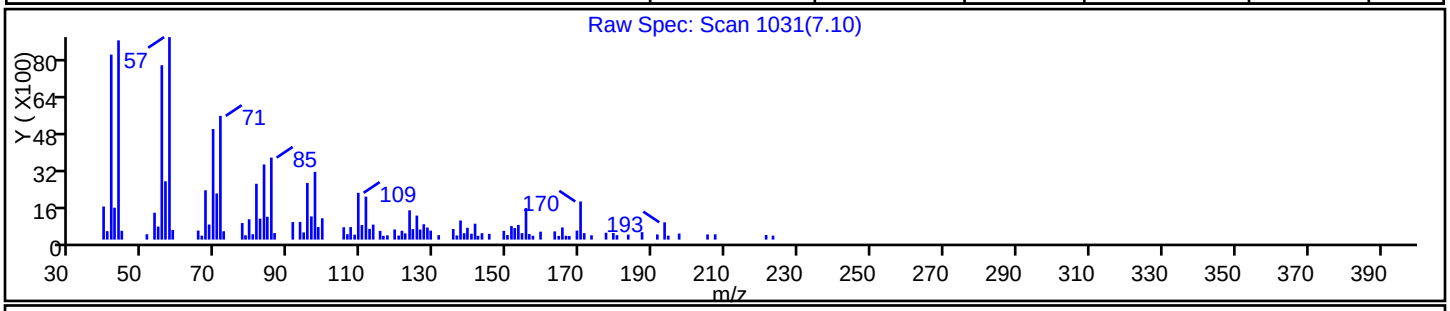
Operator ID: BNA 12 ALS Bottle#: 15 Worklist Smp#: 15

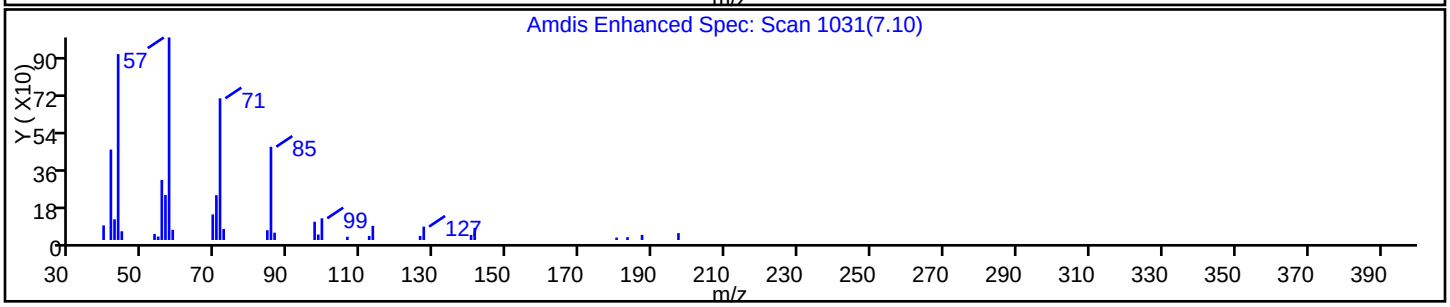
Injection Vol: 1.0 ul Dil. Factor: 1.0000

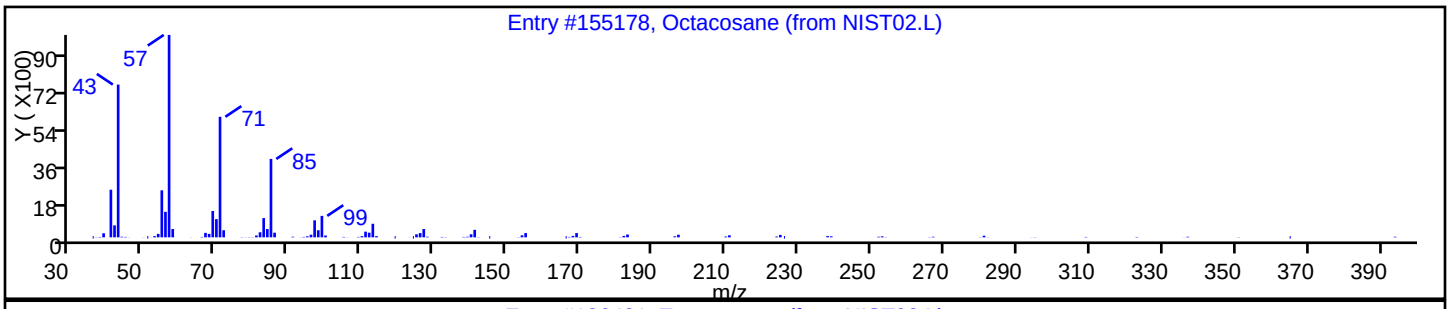
Method: 8270_12R Limit Group: SV 8270 ICAL

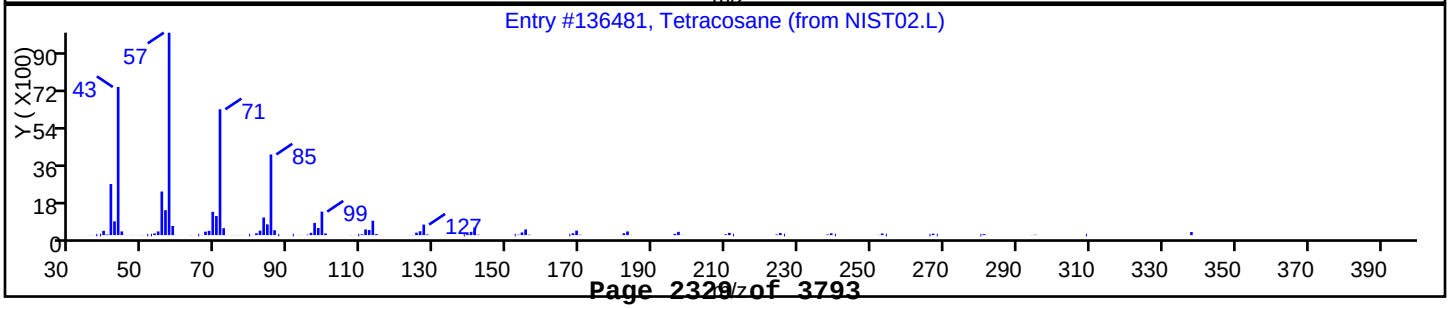
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Octacosane	630-02-4	NIST02.L	155178	C28H58	394	80
Tetracosane	646-31-1	NIST02.L	136481	C24H50	338	80









Report Date: 14-Mar-2014 10:01:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147872.D

Injection Date: 11-Mar-2014 21:44:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-25-E Lab Sample ID: 460-72174-25

Client ID: PMP-28SW-VD

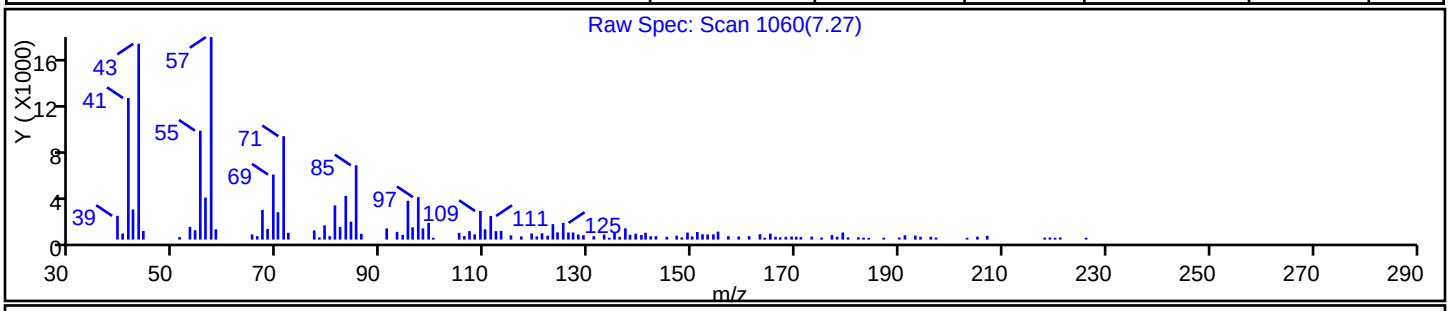
Operator ID: BNA 12 ALS Bottle#: 15 Worklist Smp#: 15

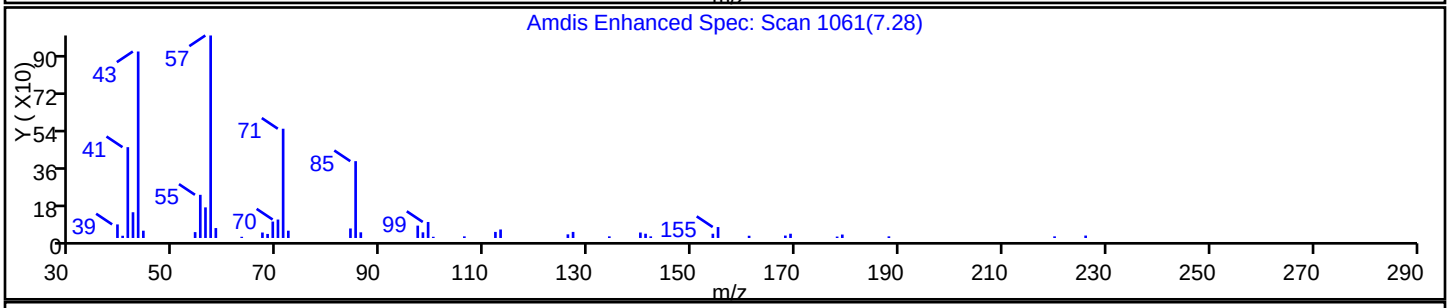
Injection Vol: 1.0 ul Dil. Factor: 1.0000

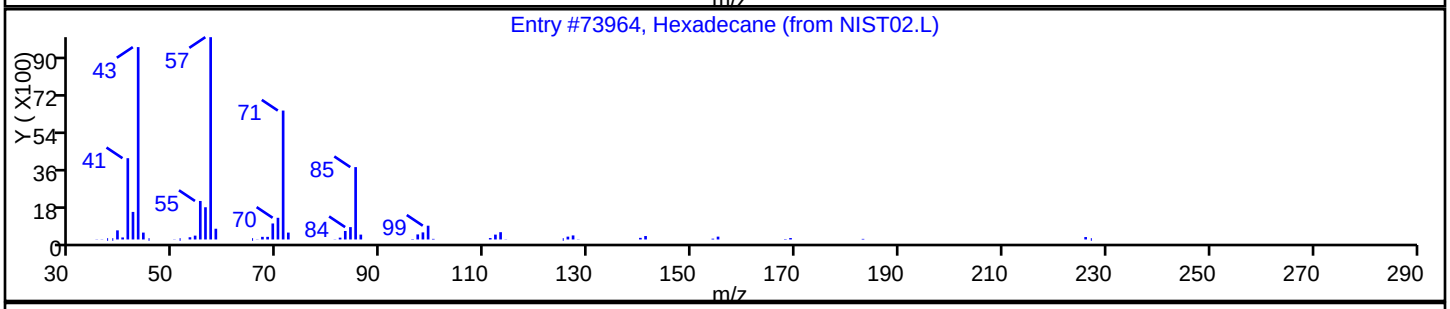
Method: 8270_12R Limit Group: SV 8270 ICAL

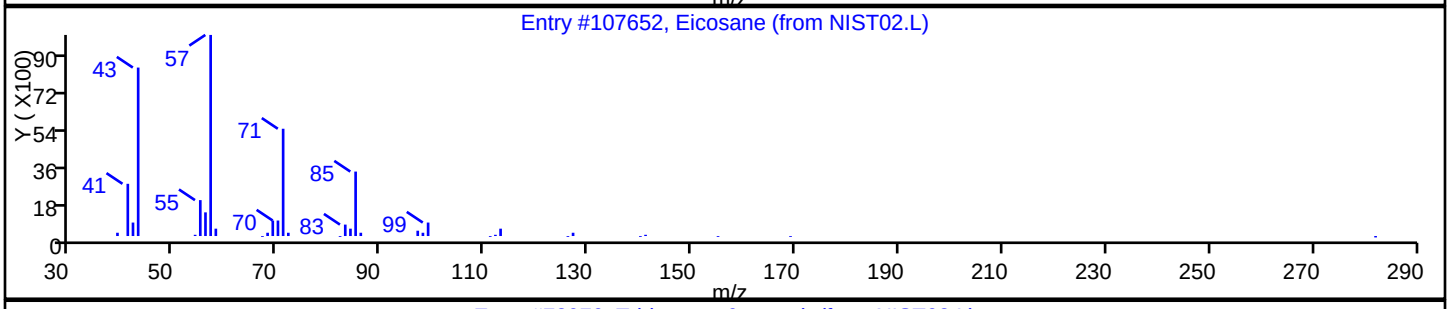
Column: Detector MS SCAN

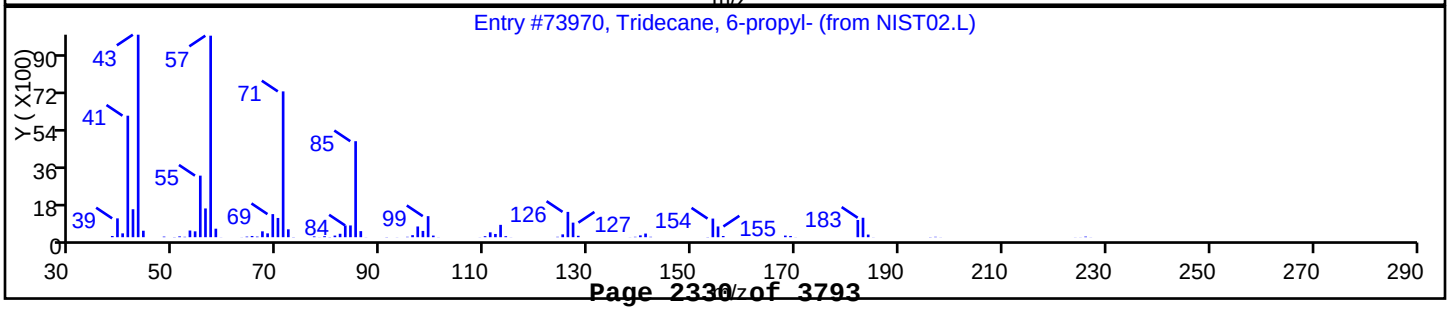
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73964	C16H34	226	96
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91
Tridecane, 6-propyl-	55045-10-8	NIST02.L	73970	C16H34	226	90











Report Date: 14-Mar-2014 10:01:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147872.D

Injection Date: 11-Mar-2014 21:44:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-25-E Lab Sample ID: 460-72174-25

Client ID: PMP-28SW-VD

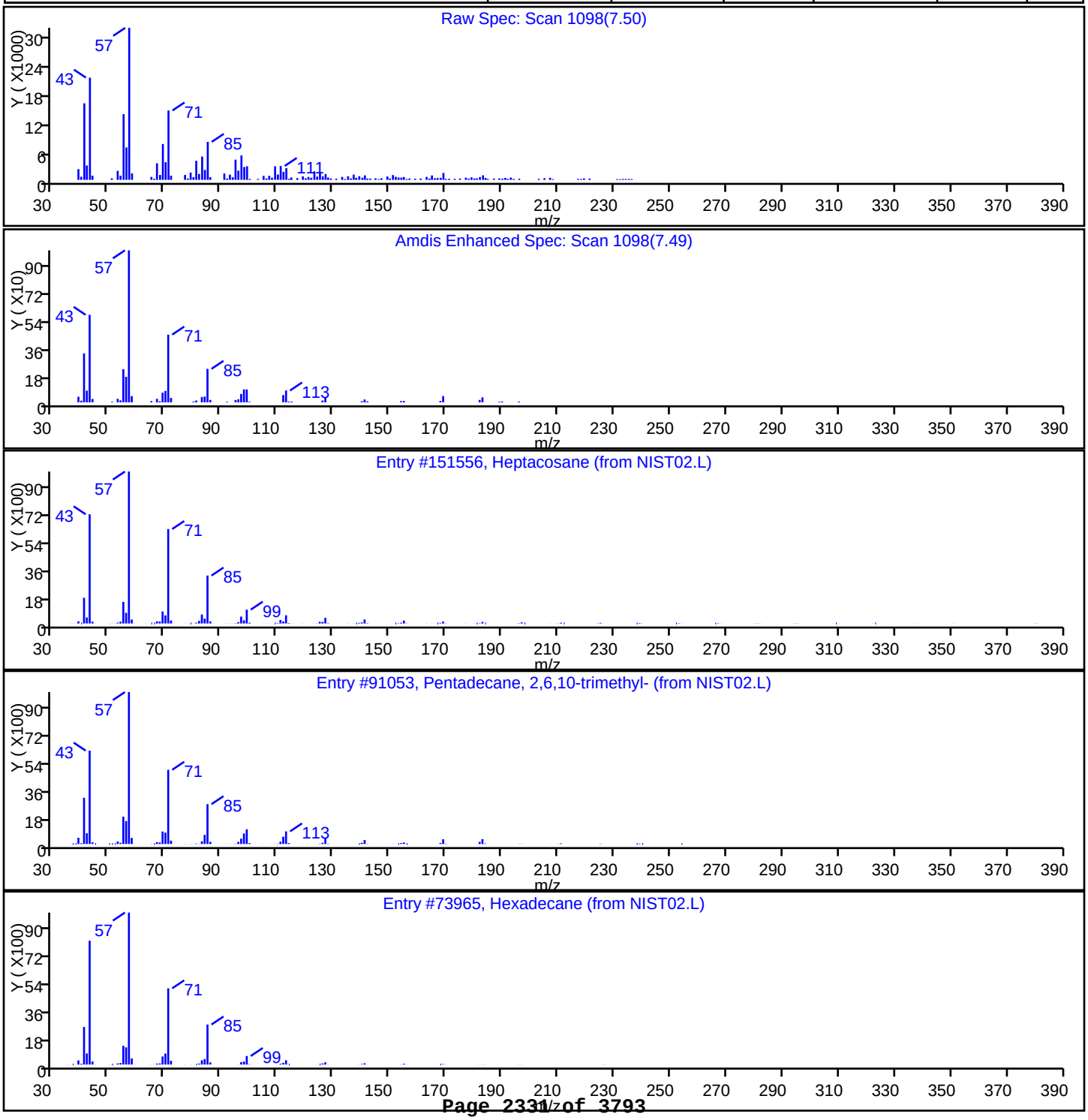
Operator ID: BNA 12 ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

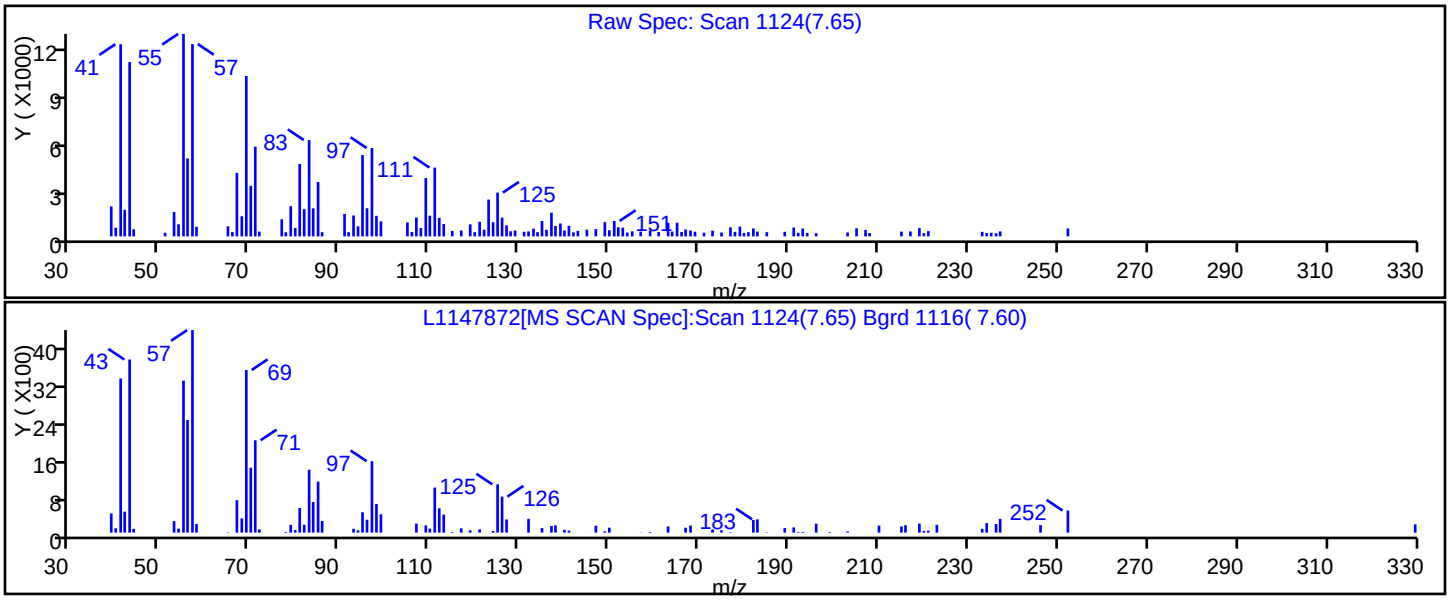
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptacosane	593-49-7	NIST02.L	151556	C27H56	380	86
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	86
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	80



Report Date: 14-Mar-2014 10:01:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147872.D				
Injection Date:	11-Mar-2014 21:44:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-25-E	Lab Sample ID:	460-72174-25		
Client ID:	PMP-28SW-VD				
Operator ID:	BNA 12	ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 14-Mar-2014 10:01:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147872.D

Injection Date: 11-Mar-2014 21:44:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-25-E Lab Sample ID: 460-72174-25

Client ID: PMP-28SW-VD

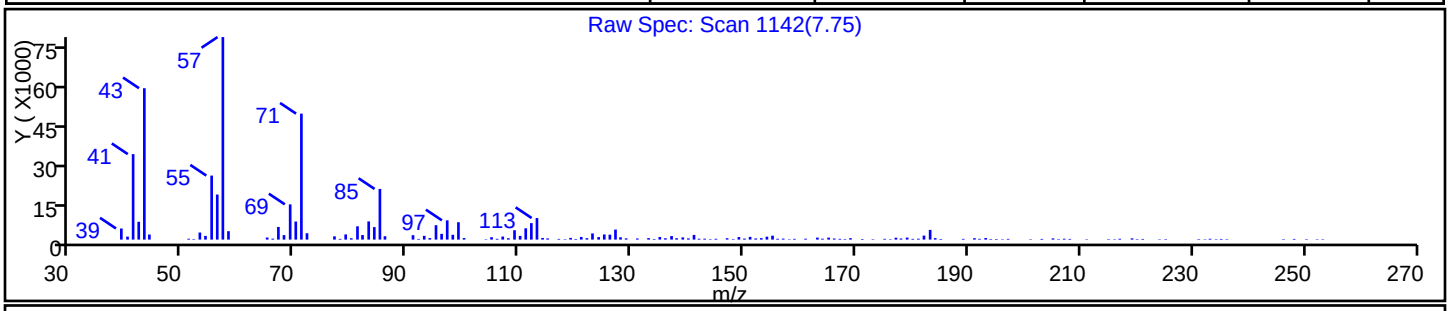
Operator ID: BNA 12 ALS Bottle#: 15 Worklist Smp#: 15

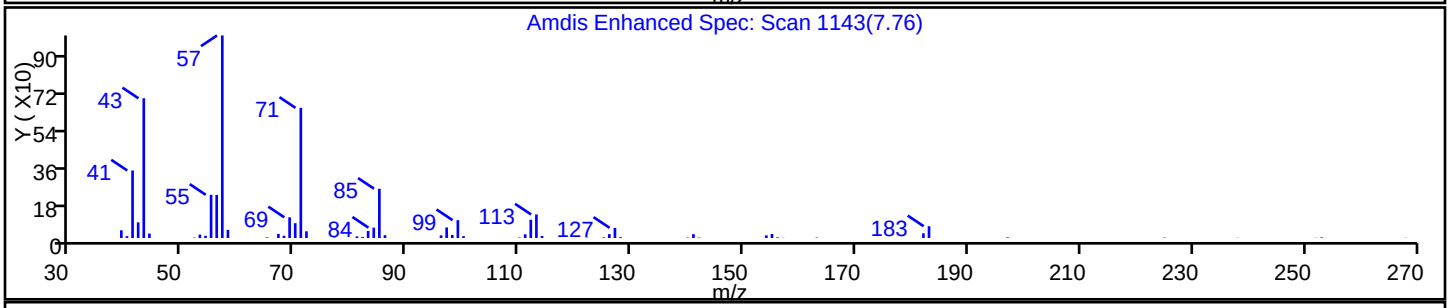
Injection Vol: 1.0 ul Dil. Factor: 1.0000

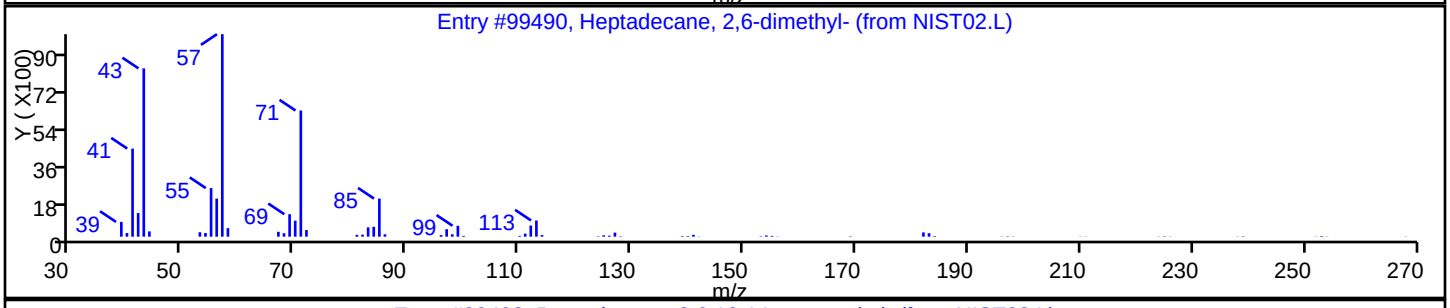
Method: 8270_12R Limit Group: SV 8270 ICAL

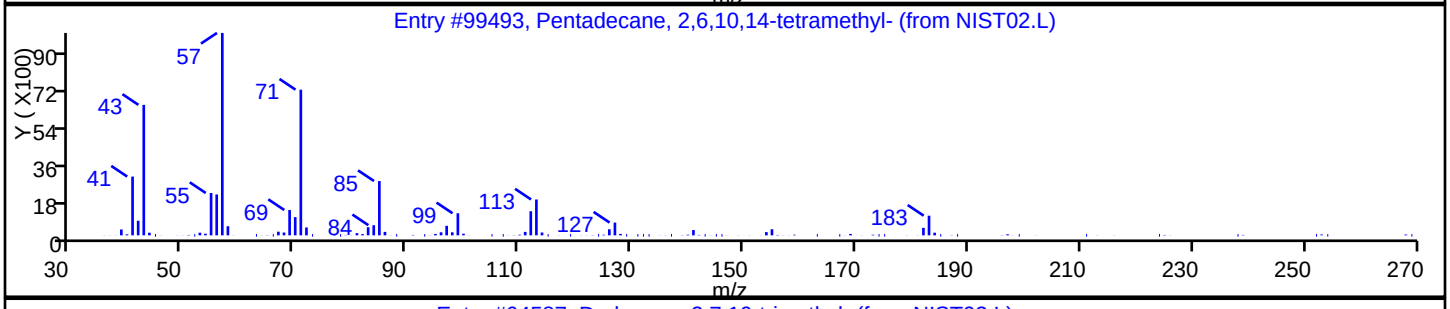
Column: Detector MS SCAN

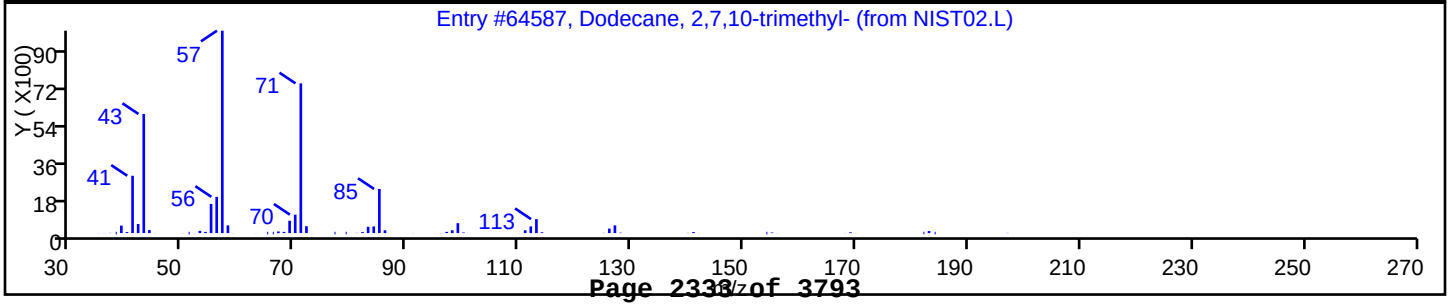
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	C19H40	268	93
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99493	C19H40	268	90
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	80









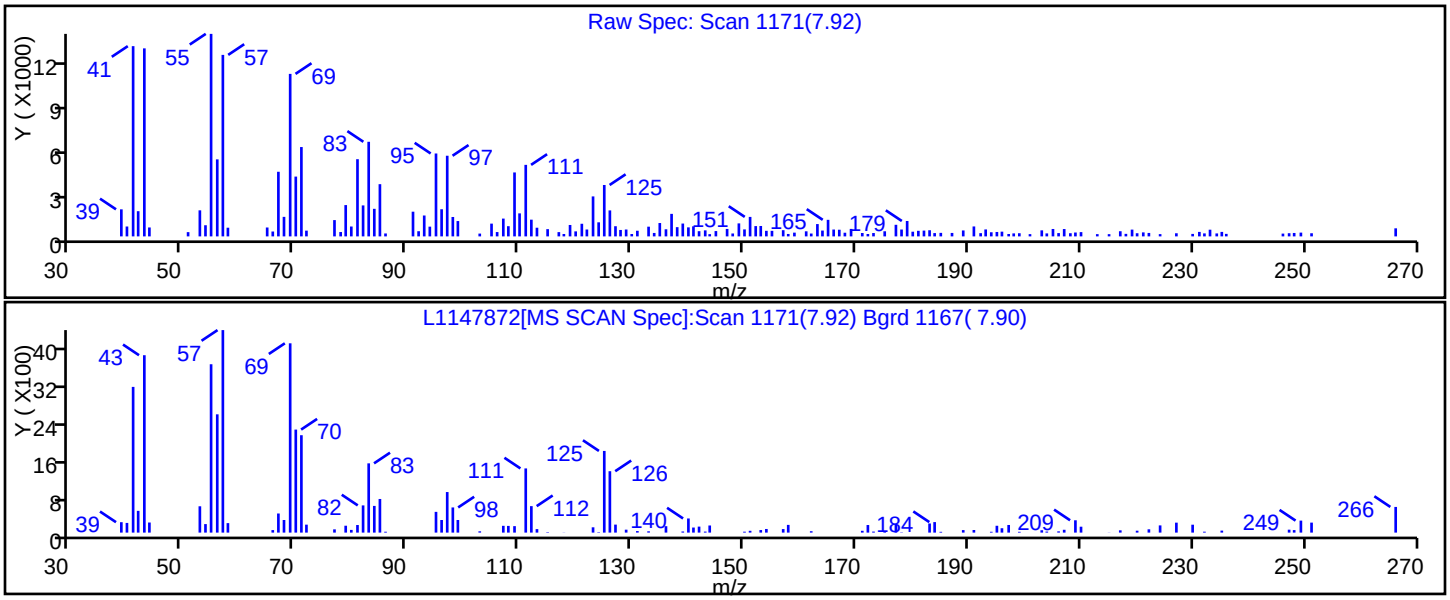


Report Date: 14-Mar-2014 10:01:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147872.D

Injection Date:	11-Mar-2014 21:44:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-25-E	Lab Sample ID:	460-72174-25		
Client ID:	PMP-28SW-VD				
Operator ID:	BNA 12	ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 14-Mar-2014 10:01:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147872.D

Injection Date: 11-Mar-2014 21:44:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-25-E Lab Sample ID: 460-72174-25

Client ID: PMP-28SW-VD

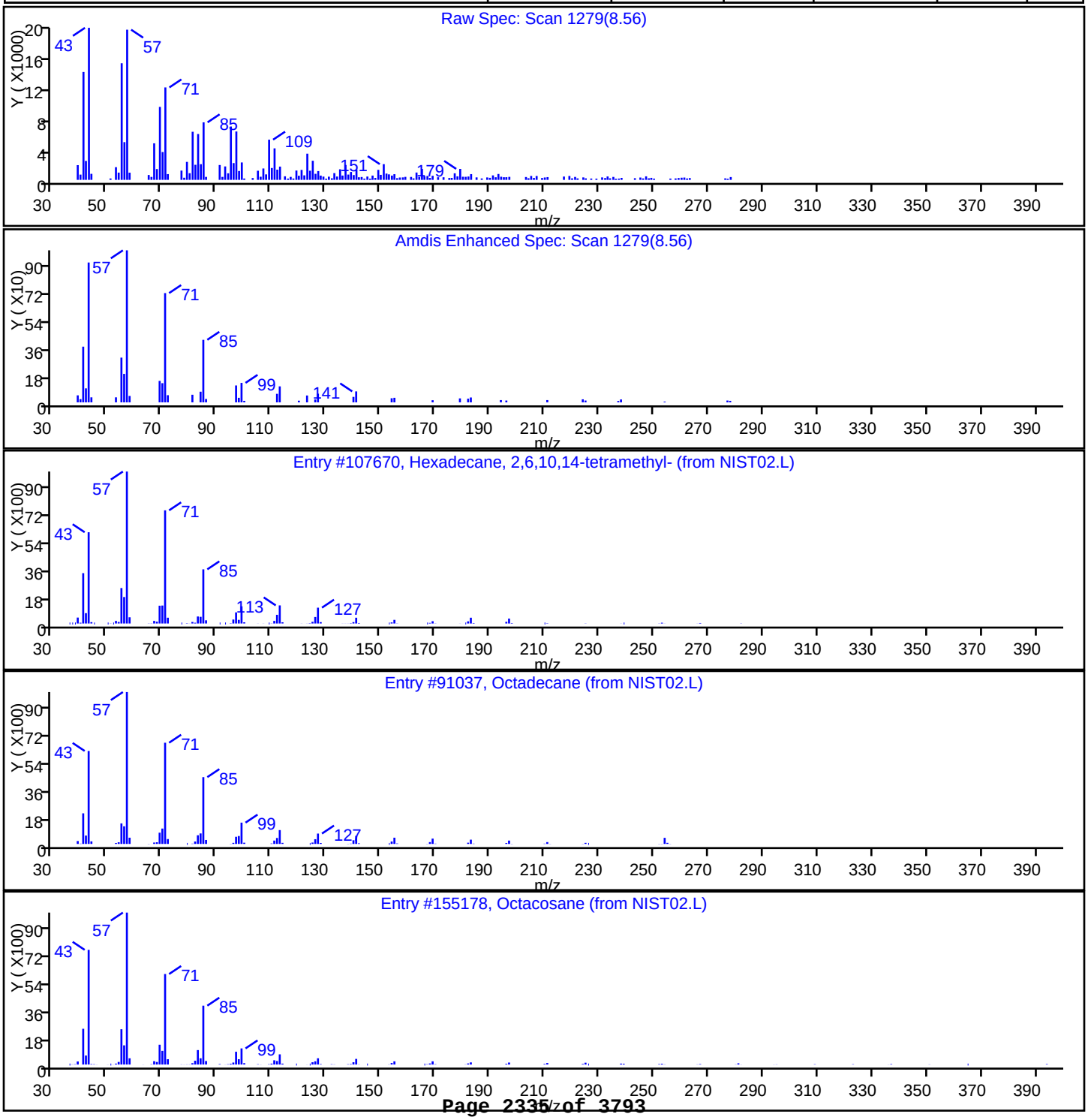
Operator ID: BNA 12 ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	C20H42	282	91
Octadecane	593-45-3	NIST02.L	91037	C18H38	254	90
Octacosane	630-02-4	NIST02.L	155178	C28H58	394	87



Report Date: 14-Mar-2014 10:01:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147872.D

Injection Date: 11-Mar-2014 21:44:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-25-E Lab Sample ID: 460-72174-25

Client ID: PMP-28SW-VD

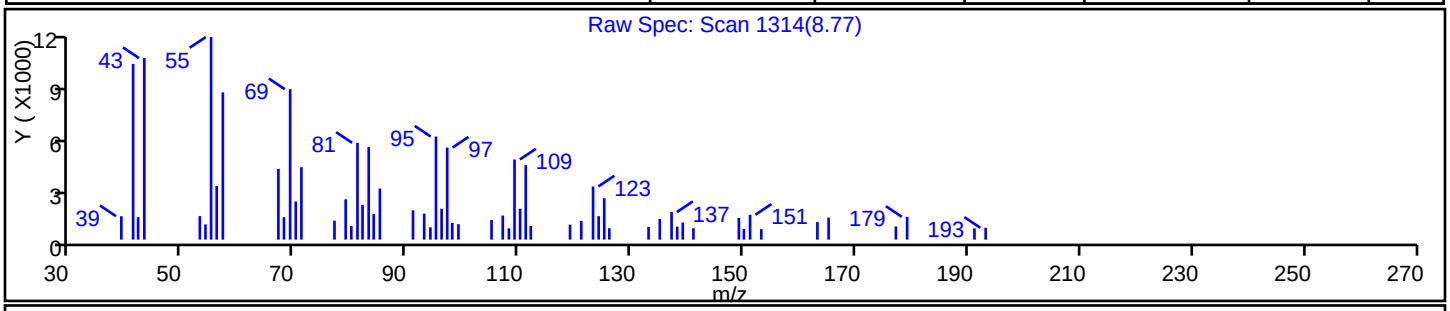
Operator ID: BNA 12 ALS Bottle#: 15 Worklist Smp#: 15

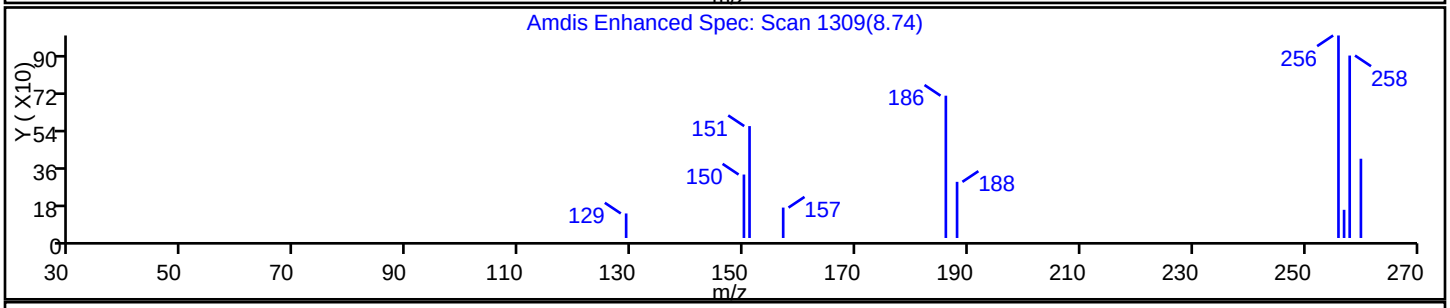
Injection Vol: 1.0 ul Dil. Factor: 1.0000

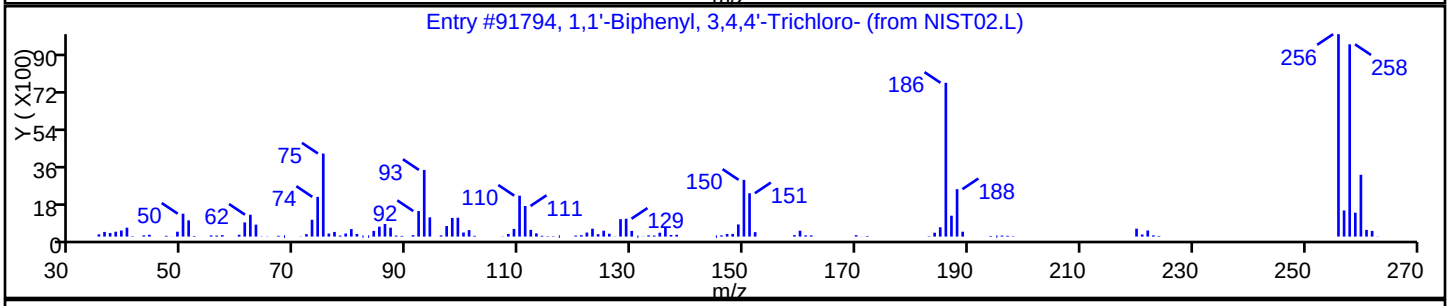
Method: 8270_12R Limit Group: SV 8270 ICAL

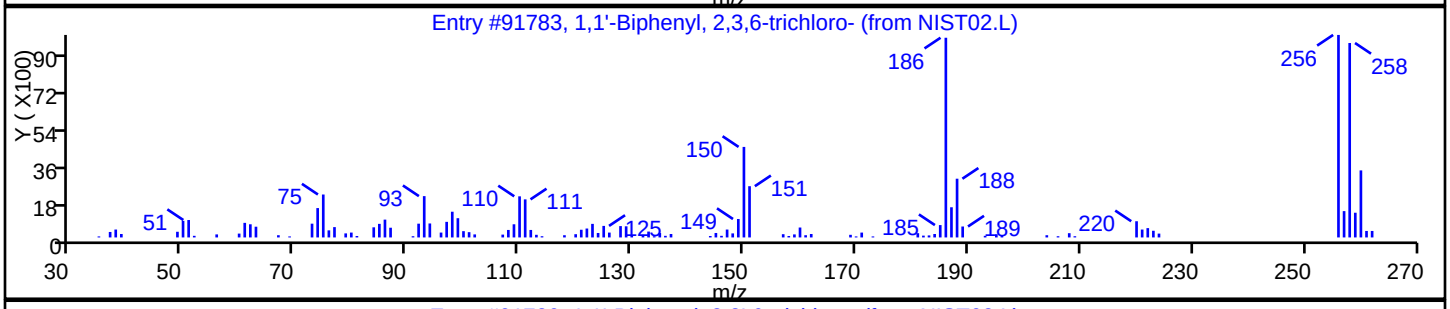
Column: Detector MS SCAN

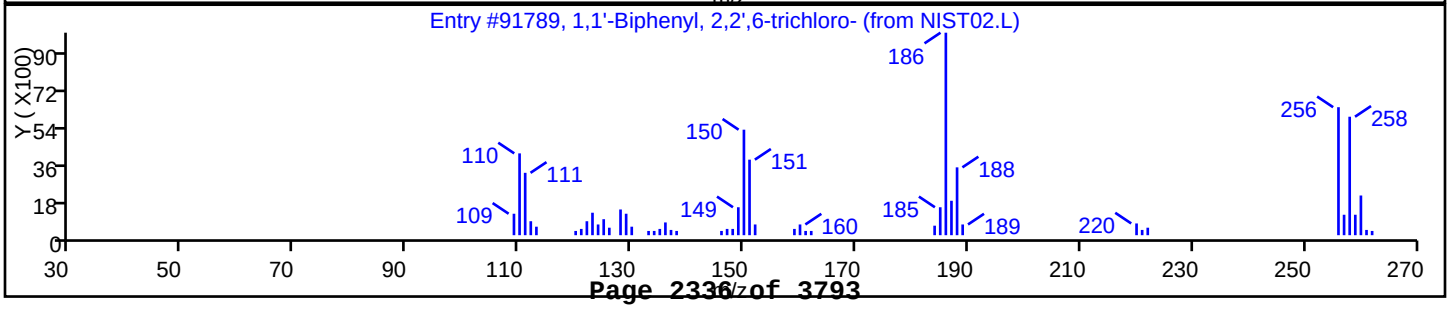
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 3,4,4'-Trichloro-	38444-90-5	NIST02.L	91794	C12H7Cl3	256	90
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.L	91783	C12H7Cl3	256	87
1,1'-Biphenyl, 2,2',6-trichloro-	38444-73-4	NIST02.L	91789	C12H7Cl3	256	87











Report Date: 14-Mar-2014 10:01:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147872.D

Injection Date: 11-Mar-2014 21:44:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-25-E Lab Sample ID: 460-72174-25

Client ID: PMP-28SW-VD

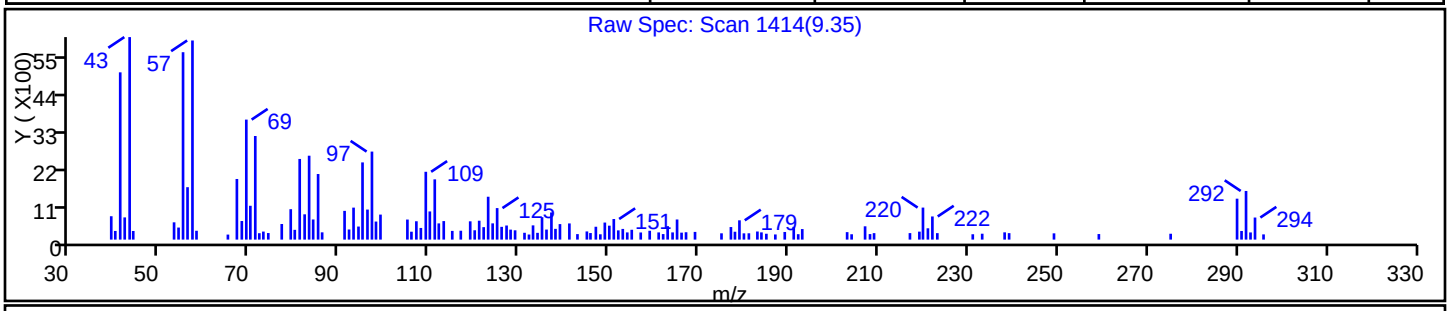
Operator ID: BNA 12 ALS Bottle#: 15 Worklist Smp#: 15

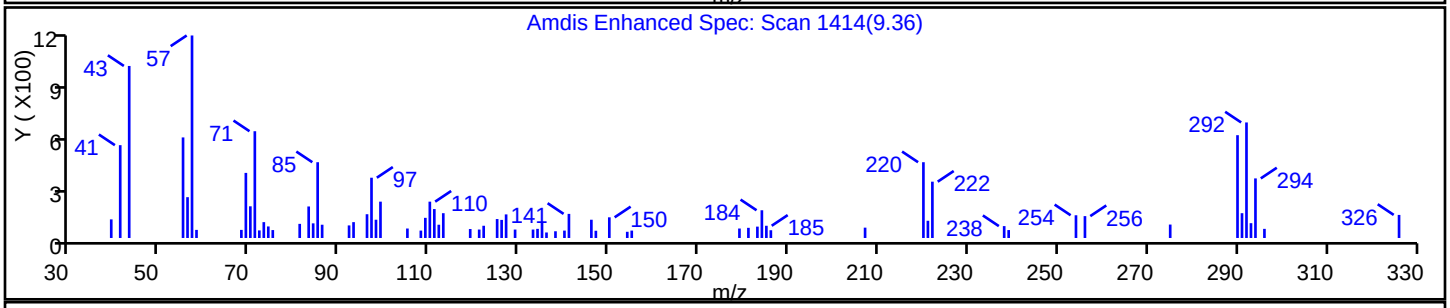
Injection Vol: 1.0 ul Dil. Factor: 1.0000

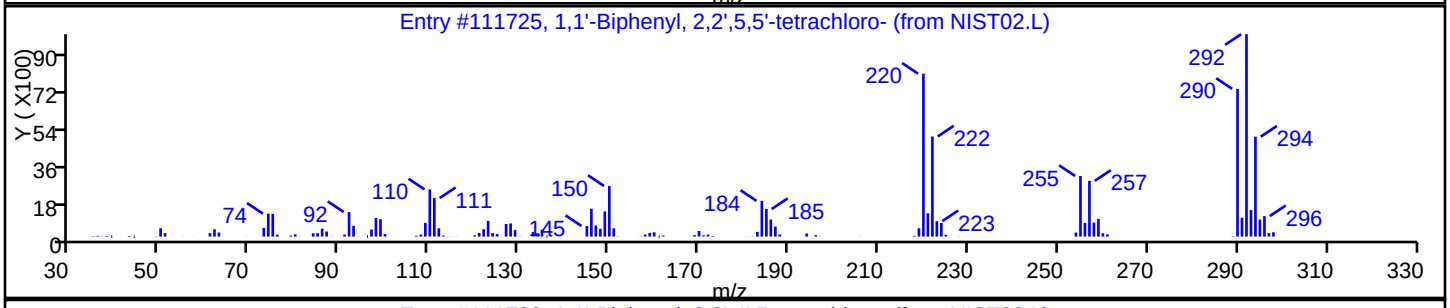
Method: 8270_12R Limit Group: SV 8270 ICAL

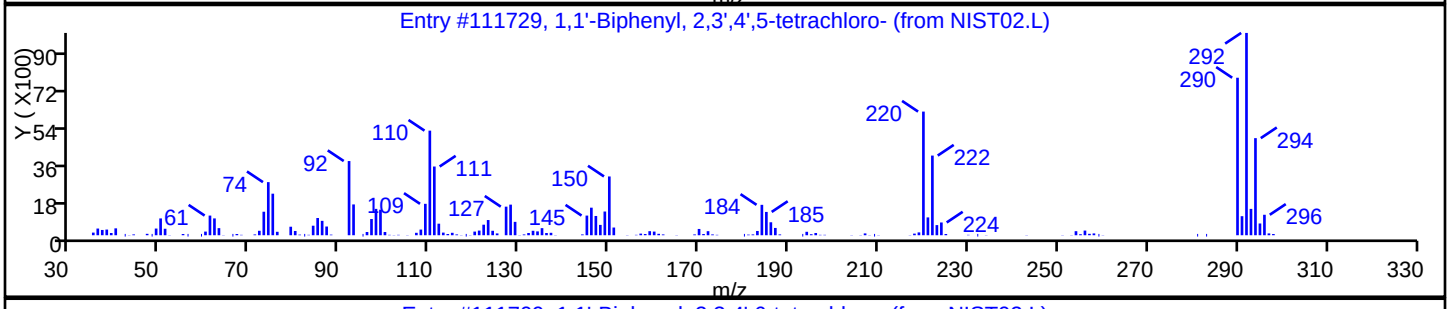
Column: Detector MS SCAN

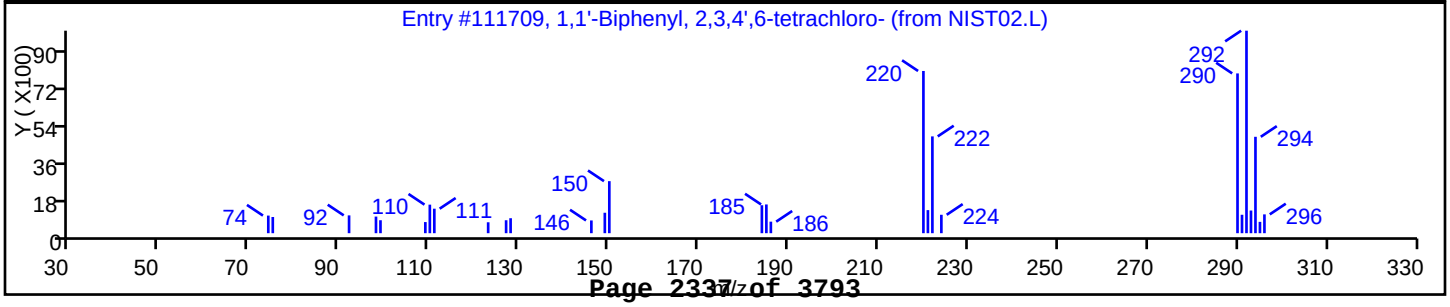
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	35693-99-3	NIST02.L	111725	C12H6Cl4	290	96
1,1'-Biphenyl, 2,3',4',5-tetrachloro-	32598-11-1	NIST02.L	111729	C12H6Cl4	290	94
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	C12H6Cl4	290	89









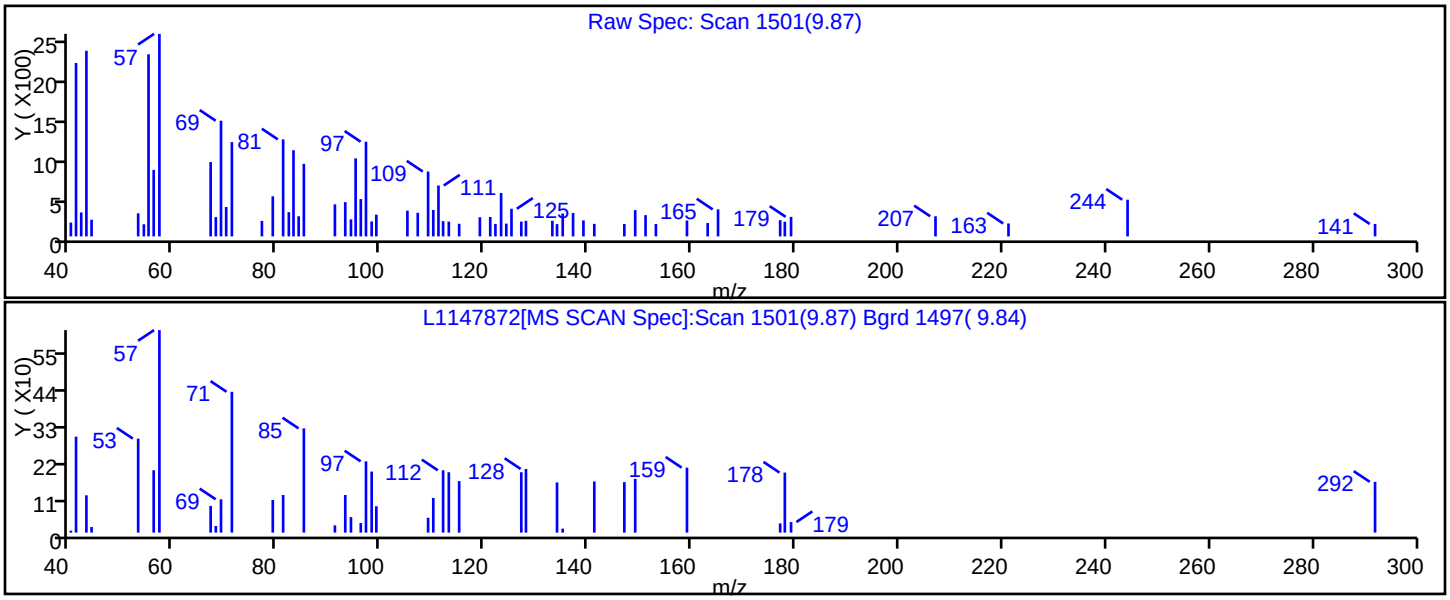


Report Date: 14-Mar-2014 10:01:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147872.D

Injection Date:	11-Mar-2014 21:44:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-25-E	Lab Sample ID:	460-72174-25		
Client ID:	PMP-28SW-VD				
Operator ID:	BNA 12	ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 14-Mar-2014 10:01:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147872.D

Injection Date: 11-Mar-2014 21:44:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-25-E Lab Sample ID: 460-72174-25

Client ID: PMP-28SW-VD

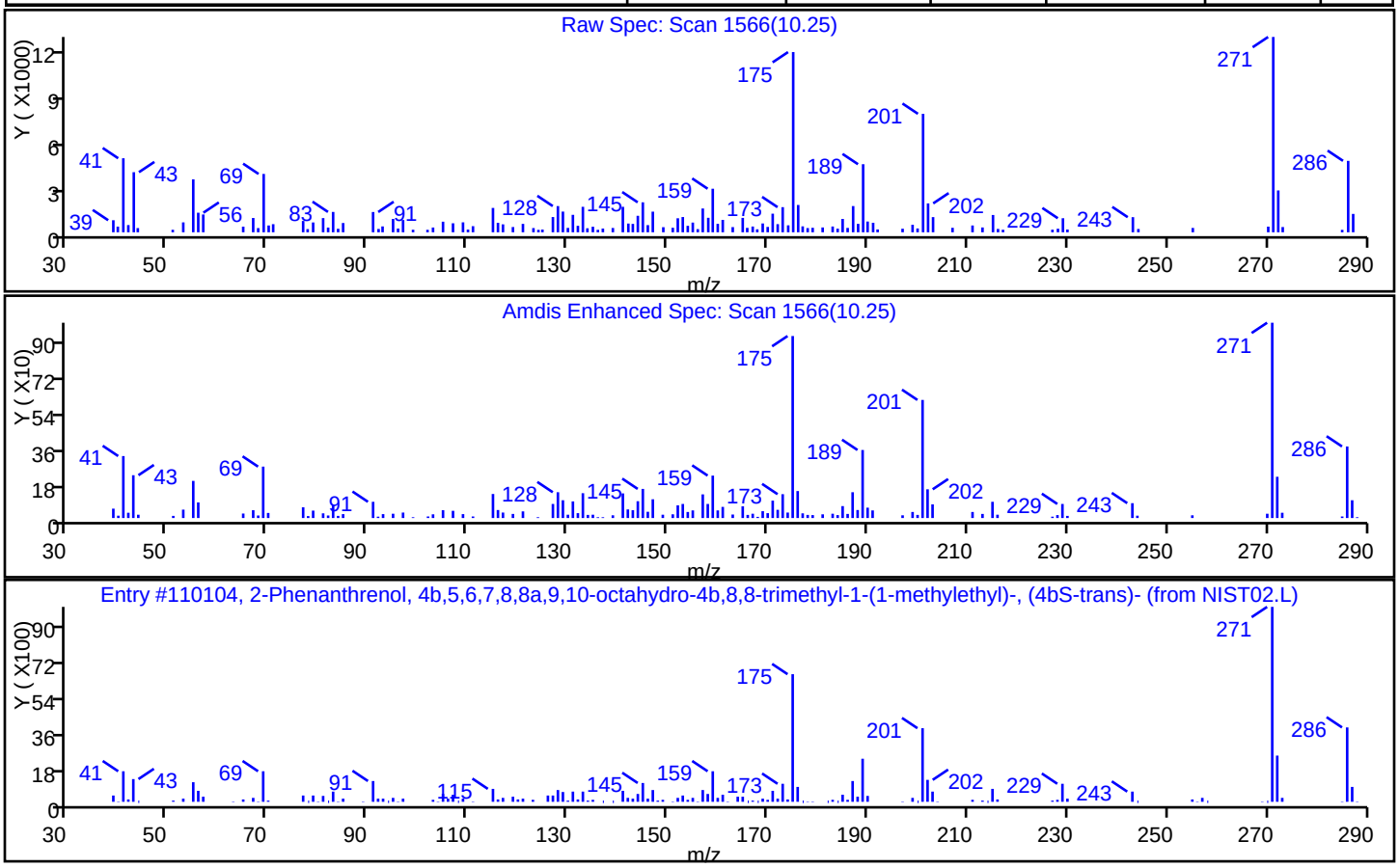
Operator ID: BNA 12 ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
2-Phenanthrenol, 4b,5,6,7,8,8a,9,10-octa	511-15-9	NIST02.L	110104	C20H30O	286	94



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-WT | Lab Sample ID: 460-72174-26

Matrix: Solid | Lab File ID: L1147924.D

Analysis Method: 8270C | Date Collected: 03/06/2014 16:40

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/13/2014 08:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212260 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	260	U	1900	260
95-57-8	2-Chlorophenol	250	U	1900	250
95-48-7	2-Methylphenol	330	U	1900	330
106-44-5	4-Methylphenol	380	U	1900	380
100-52-7	Benzaldehyde	220	U	1900	220
98-86-2	Acetophenone	290	U	1900	290
111-44-4	Bis(2-chloroethyl)ether	26	U	190	26
108-60-1	2,2'-oxybis[1-chloropropane]	210	U	1900	210
621-64-7	N-Nitrosodi-n-propylamine	32	U	190	32
98-95-3	Nitrobenzene	27	U *	190	27
67-72-1	Hexachloroethane	21	U	190	21
78-59-1	Isophorone	230	U	1900	230
88-75-5	2-Nitrophenol	210	U	1900	210
105-67-9	2,4-Dimethylphenol	470	U	1900	470
120-83-2	2,4-Dichlorophenol	280	U	1900	280
111-91-1	Bis(2-chloroethoxy)methane	250	U	1900	250
91-20-3	Naphthalene	220	U	1900	220
106-47-8	4-Chloroaniline	510	U	1900	510
87-68-3	Hexachlorobutadiene	47	U	390	47
105-60-2	Caprolactam	440	U	1900	440
59-50-7	4-Chloro-3-methylphenol	290	U	1900	290
91-57-6	2-Methylnaphthalene	250	U	1900	250
118-74-1	Hexachlorobenzene	26	U	190	26
77-47-4	Hexachlorocyclopentadiene	220	U	1900	220
88-06-2	2,4,6-Trichlorophenol	220	U	1900	220
95-95-4	2,4,5-Trichlorophenol	250	U	1900	250
92-52-4	Diphenyl	260	U	1900	260
91-58-7	2-Chloronaphthalene	210	U	1900	210
88-74-4	2-Nitroaniline	800	U	1900	800
606-20-2	2,6-Dinitrotoluene	58	U	390	58
131-11-3	Dimethyl phthalate	230	U	1900	230
208-96-8	Acenaphthylene	230	U	1900	230
99-09-2	3-Nitroaniline	680	U	1900	680
83-32-9	Acenaphthene	280	U	1900	280

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-WT | Lab Sample ID: 460-72174-26

Matrix: Solid | Lab File ID: L1147924.D

Analysis Method: 8270C | Date Collected: 03/06/2014 16:40

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/13/2014 08:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212260 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1900	1200
51-28-5	2,4-Dinitrophenol	1100	U	3900	1100
132-64-9	Dibenzofuran	220	U	1900	220
84-66-2	Diethyl phthalate	230	U	1900	230
86-73-7	Fluorene	240	U	1900	240
206-44-0	Fluoranthene	250	U	1900	250
84-74-2	Di-n-butyl phthalate	240	U	1900	240
121-14-2	2,4-Dinitrotoluene	63	U	390	63
7005-72-3	4-Chlorophenyl phenyl ether	220	U	1900	220
100-01-6	4-Nitroaniline	590	U	3900	590
534-52-1	4,6-Dinitro-2-methylphenol	520	U	3900	520
101-55-3	4-Bromophenyl phenyl ether	190	U	1900	190
1912-24-9	Atrazine	290	U	1900	290
120-12-7	Anthracene	230	U	1900	230
86-74-8	Carbazole	230	U	1900	230
85-01-8	Phenanthrene	240	U	1900	240
87-86-5	Pentachlorophenol	570	U	3900	570
129-00-0	Pyrene	160	U	1900	160
218-01-9	Chrysene	220	U	1900	220
207-08-9	Benzo[k]fluoranthene	14	U	190	14
191-24-2	Benzo[g,h,i]perylene	140	U	1900	140
205-99-2	Benzo[b]fluoranthene	12	U	190	12
50-32-8	Benzo[a]pyrene	14	U	190	14
56-55-3	Benzo[a]anthracene	13	U	190	13
86-30-6	N-Nitrosodiphenylamine	190	U	1900	190
85-68-7	Butyl benzyl phthalate	170	U	1900	170
117-81-7	Bis(2-ethylhexyl) phthalate	630	U	1900	630
117-84-0	Di-n-octyl phthalate	120	U	1900	120
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	190	35
53-70-3	Dibenz(a,h)anthracene	24	U	190	24
91-94-1	3,3'-Dichlorobenzidine	670	U	1900	670
95-94-3	1,2,4,5-Tetrachlorobenzene	260	U	1900	260
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	1900	250

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-WT | Lab Sample ID: 460-72174-26

Matrix: Solid | Lab File ID: L1147924.D

Analysis Method: 8270C | Date Collected: 03/06/2014 16:40

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/13/2014 08:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212260 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	92		40-106
4165-62-2	Phenol-d5	83		44-104
1718-51-0	Terphenyl-d14	100		41-145
118-79-6	2,4,6-Tribromophenol	61		19-114
367-12-4	2-Fluorophenol	79		39-103
321-60-8	2-Fluorobiphenyl	99		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-WT | Lab Sample ID: 460-72174-26

Matrix: Solid | Lab File ID: L1147924.D

Analysis Method: 8270C | Date Collected: 03/06/2014 16:40

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/13/2014 08:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212260 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 233300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown alkane	6.57	7500	J
	Unknown alkane	7.04	7900	J
	Unknown alkane	7.10	3500	J
	Unknown alkane	7.28	11000	J
	Unknown	7.31	3200	J
	Unknown alkane	7.50	20000	J
	Unknown alkane	7.76	52000	J
	Unknown alkane	7.93	11000	J
	Unknown	8.06	11000	J
	Unknown alkane	8.18	38000	J
	Unknown alkane	8.36	6200	J
	Unknown alkane	8.56	3500	J
	Unknown alkane	8.61	17000	J
	Unknown	8.65	7800	J
	Unknown alkane	8.77	7000	J
	Unknown	8.90	6100	J
	Unknown alkane	9.01	9600	J
	Unknown alkane	9.15	3400	J
	Unknown alkane	9.28	3500	J
	Unknown alkane	9.38	4100	J

Report Date: 14-Mar-2014 12:19:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147924.D
Lims ID: 460-72174-F-26-C Lab Sample ID: 460-72174-26
Client ID: PMP-28SW-WT
Sample Type: Client
Inject. Date: 13-Mar-2014 08:46:30 ALS Bottle#: 14 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0010790-015
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 12:19:14 Calib Date: 05-Mar-2014 23:36:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147714.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: ranav Date: 14-Mar-2014 10:21:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.454	2.431	0.023	92	24076	7.91	
$ 6 Phenol-d5	99	3.372	3.366	0.006	60	29485	8.30	
* 13 1,4-Dichlorobenzene-d4	152	3.719	3.713	0.006	95	107688	40.0	
$ 25 Nitrobenzene-d5	82	4.295	4.296	-0.001	90	28573	9.19	
* 35 Naphthalene-d8	136	5.019	5.019	0.0	99	402643	40.0	
$ 48 2-Fluorobiphenyl	172	6.125	6.125	0.0	97	59319	9.85	
* 61 Acenaphthene-d10	164	6.778	6.778	0.0	94	184538	40.0	
$ 76 2,4,6-Tribromophenol	330	7.566	7.566	0.0	65	5416	6.10	
* 83 Phenanthrene-d10	188	8.242	8.236	0.006	95	247449	40.0	
90 Pyrene	202	9.648	9.648	0.0	71	1731	0.3394	
$ 91 Terphenyl-d14	244	9.813	9.819	-0.006	97	37450	9.96	
* 96 Chrysene-d12	240	10.895	10.901	-0.006	99	176714	40.0	
* 103 Perylene-d12	264	12.683	12.689	-0.006	97	208480	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147924.D
Lims ID: 460-72174-F-26-C Lab Sample ID: 460-72174-26
Client ID: PMP-28SW-WT
Sample Type: Client
Inject. Date: 13-Mar-2014 08:46:30 ALS Bottle#: 14 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0010790-015
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 12:19:14 Calib Date: 05-Mar-2014 23:36:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: ranav Date: 14-Mar-2014 10:21:51

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown alkane						
6.572	606105	19.6	61	0	0		0	
		Unknown alkane						
7.036	638030	20.6	61	0	0		0	
		Unknown alkane						
7.095	281815	9.10	61	0	0		0	
		Unknown alkane						
7.278	891927	28.8	61	0	0		0	
		Unknown						
7.307	254392	8.22	61					
		Unknown alkane						
7.495	1592419	51.4	61	0	0		0	
		Unknown alkane						
7.760	3094024	135.8	83	0	0		0	
		Unknown alkane						
7.931	654881	28.7	83	0	0		0	
		Unknown						
8.060	630541	27.7	83					
		Unknown alkane						
8.183	2273134	99.7	83	0	0		0	
		Unknown alkane						
8.360	367159	16.1	83	0	0		0	
		Unknown alkane						
8.560	208042	9.13	83	0	0		0	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown alkane						
8.607	1001843	44.0	83	0	0		0	
		Unknown						
8.648	463791	20.4	83					
		Unknown alkane						
8.766	413772	18.2	83	0	0		0	
		Unknown						
8.895	358768	15.7	83					
		Unknown alkane						
9.007	565753	24.8	83	0	0		0	
		Unknown alkane						
9.154	201241	8.83	83	0	0		0	
		Unknown alkane						
9.283	207741	9.12	83	0	0		0	
		Unknown alkane						
9.383	245201	10.8	83	0	0		0	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	6.778	1238427	40.0
* 83 Phenanthrene-d10	8.242	911593	40.0

QC Flag Legend

Processing Flags

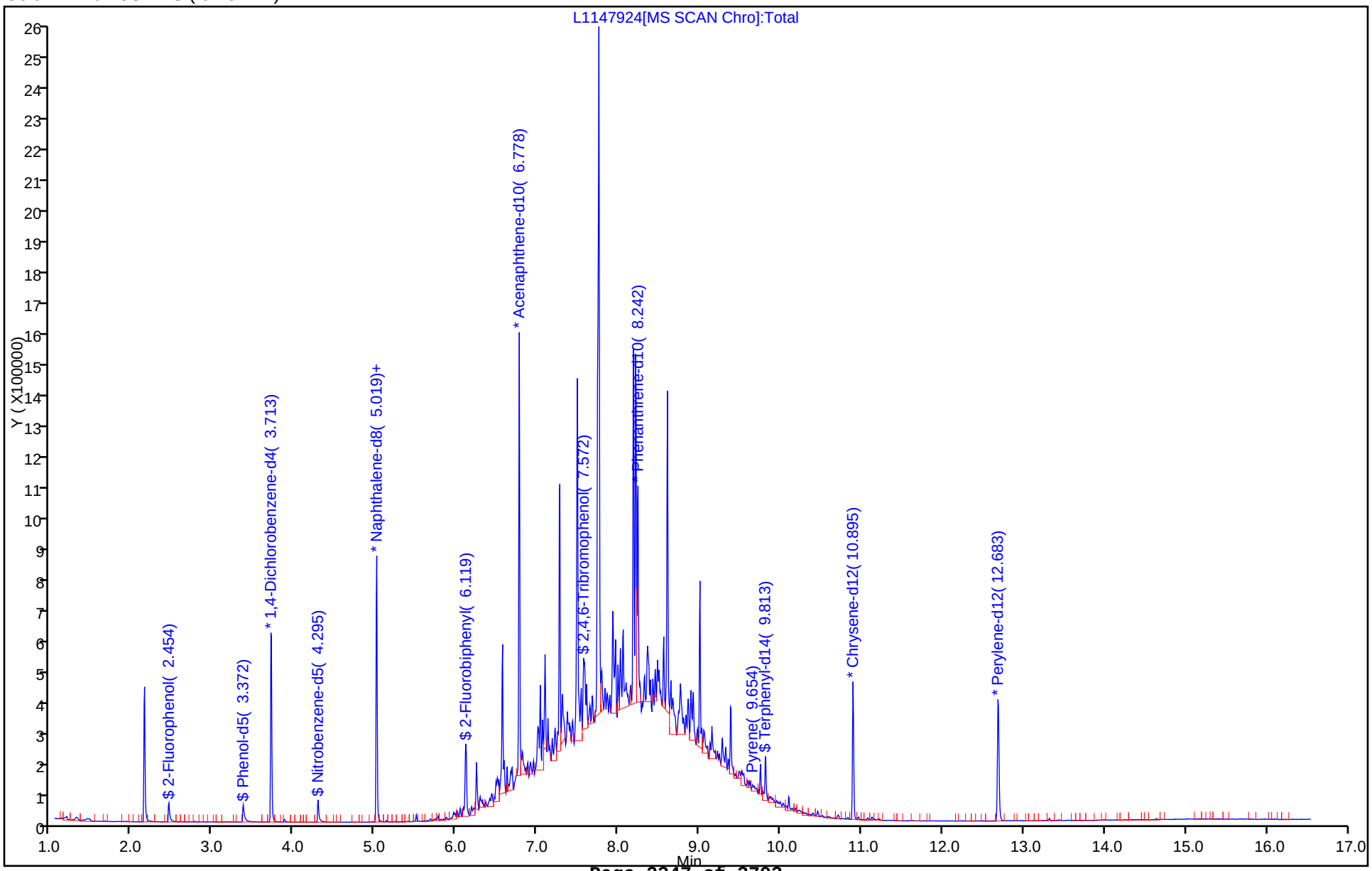
Report Date: 14-Mar-2014 12:19:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147924.D

Injection Date:	13-Mar-2014 08:46:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-72174-F-26-C	Lab Sample ID:	460-72174-26	Worklist Smp#:	15
Client ID:	PMP-28SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	14
Method:	8270_12R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 14-Mar-2014 12:19:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147924.D

Injection Date: 13-Mar-2014 08:46:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-26-C Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

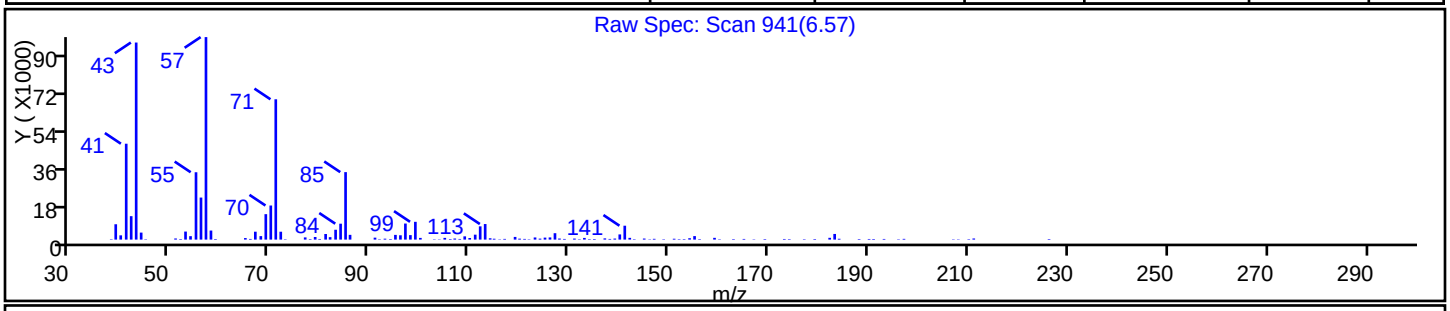
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 15

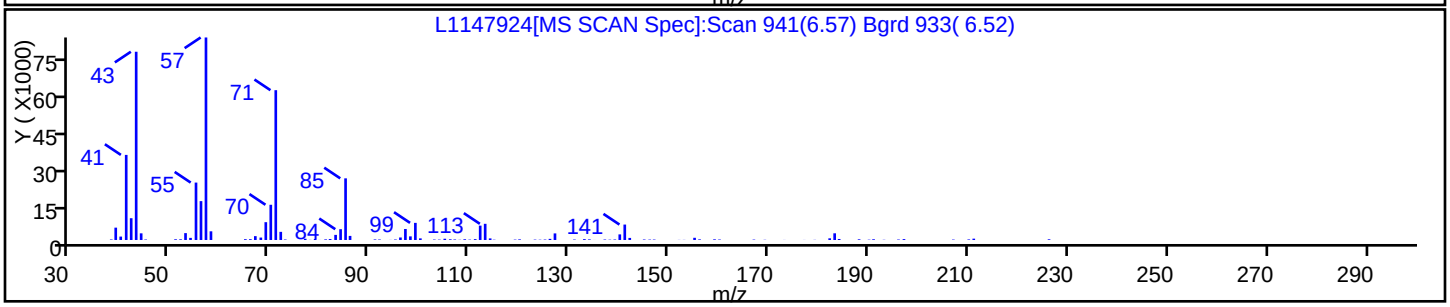
Injection Vol: 1.0 ul Dil. Factor: 5.0000

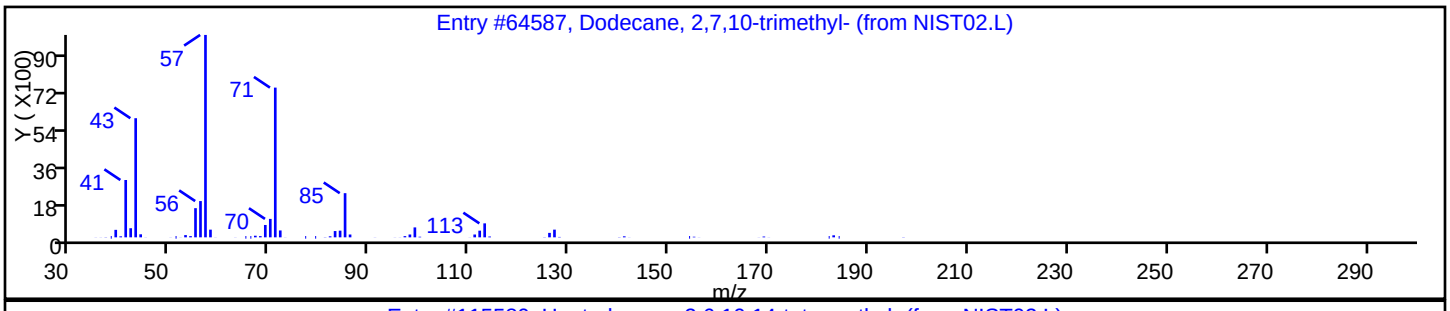
Method: 8270_12R Limit Group: SV 8270 ICAL

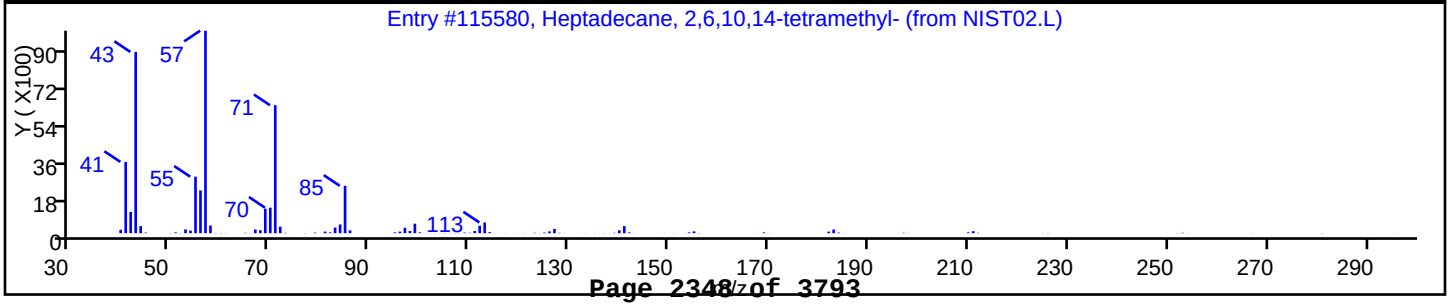
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	90
Heptadecane, 2,6,10,14-tetramethyl-	18344-37-1	NIST02.L	115580	C21H44	296	90









Report Date: 14-Mar-2014 12:19:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147924.D

Injection Date: 13-Mar-2014 08:46:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-26-C Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

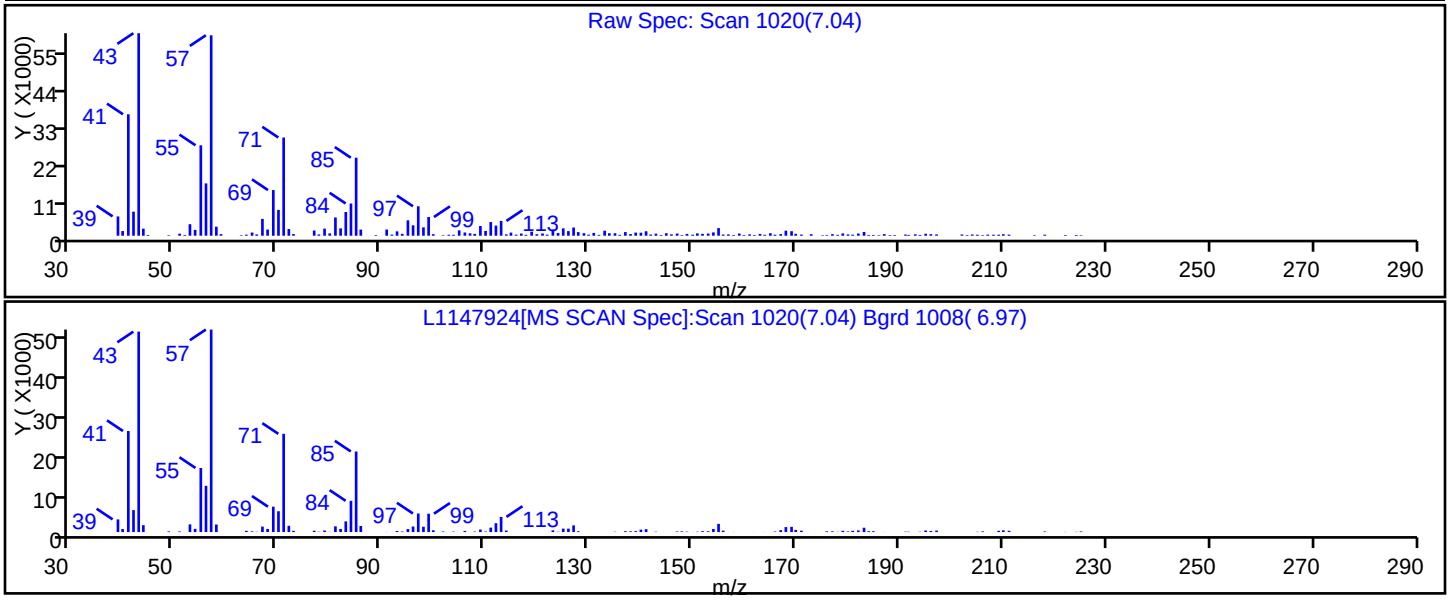
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 15

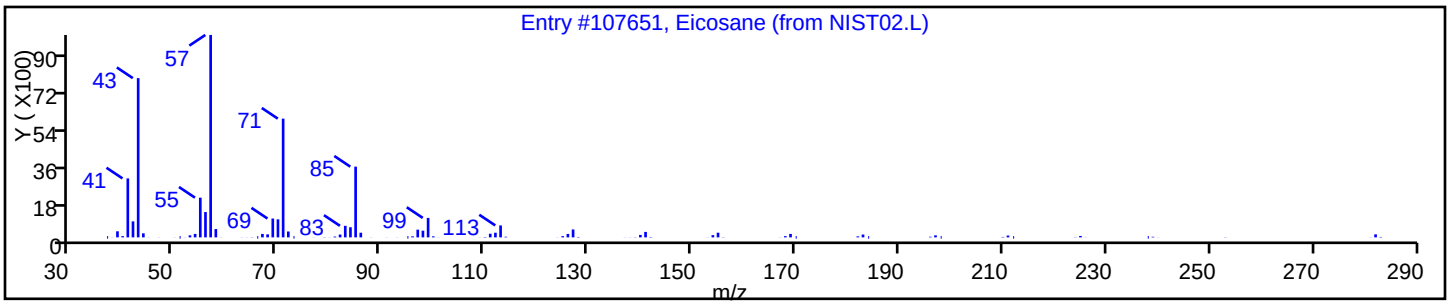
Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Eicosane	112-95-8	NIST02.L	107651	C20H42	282	80





Report Date: 14-Mar-2014 12:19:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147924.D

Injection Date: 13-Mar-2014 08:46:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-26-C Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

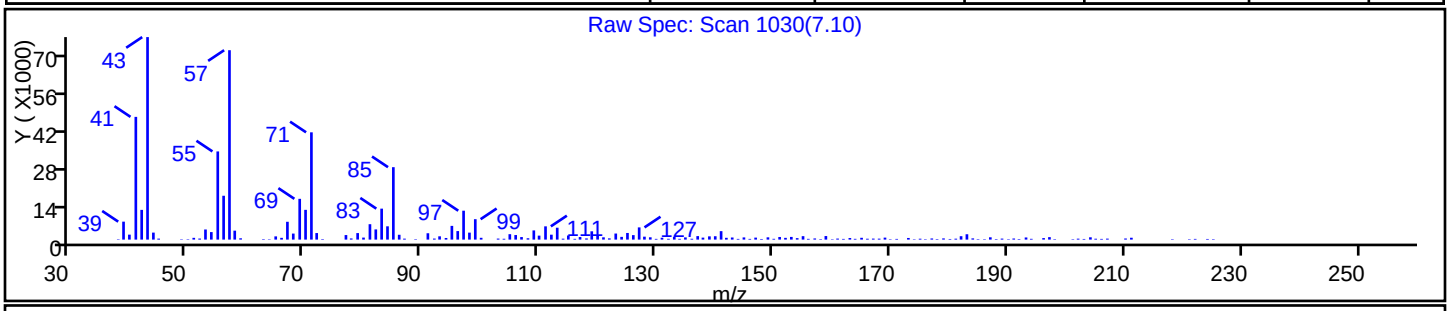
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 15

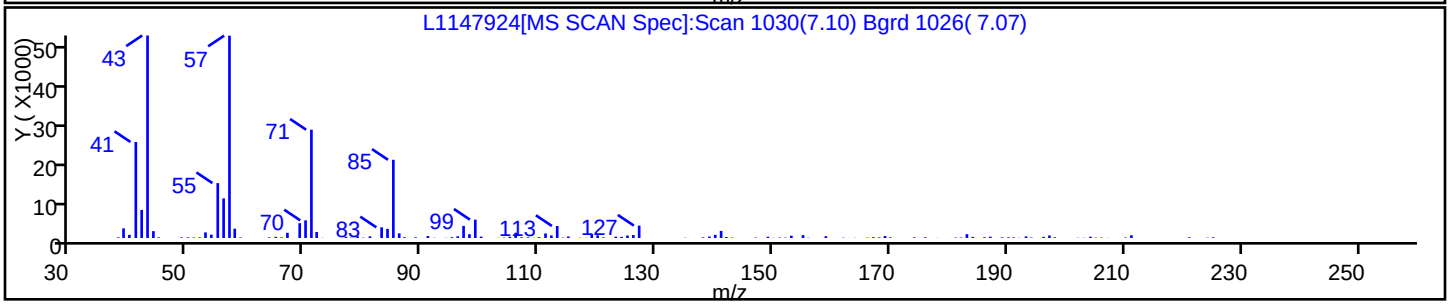
Injection Vol: 1.0 ul Dil. Factor: 5.0000

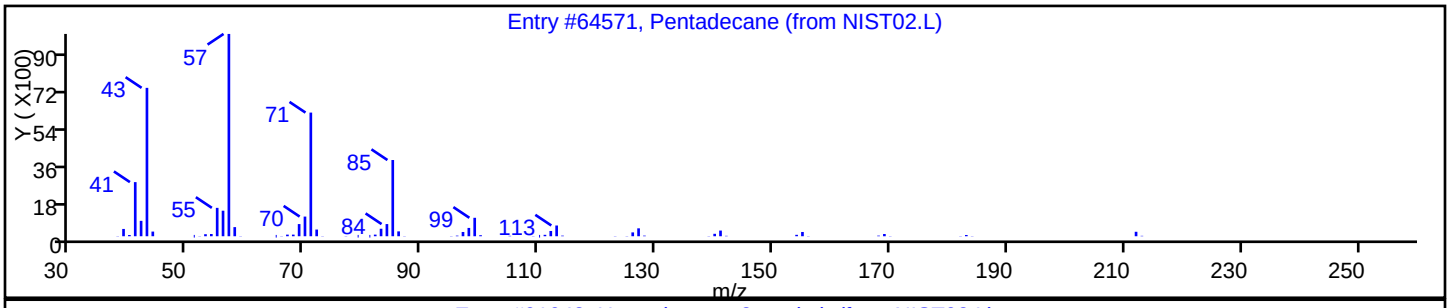
Method: 8270_12R Limit Group: SV 8270 ICAL

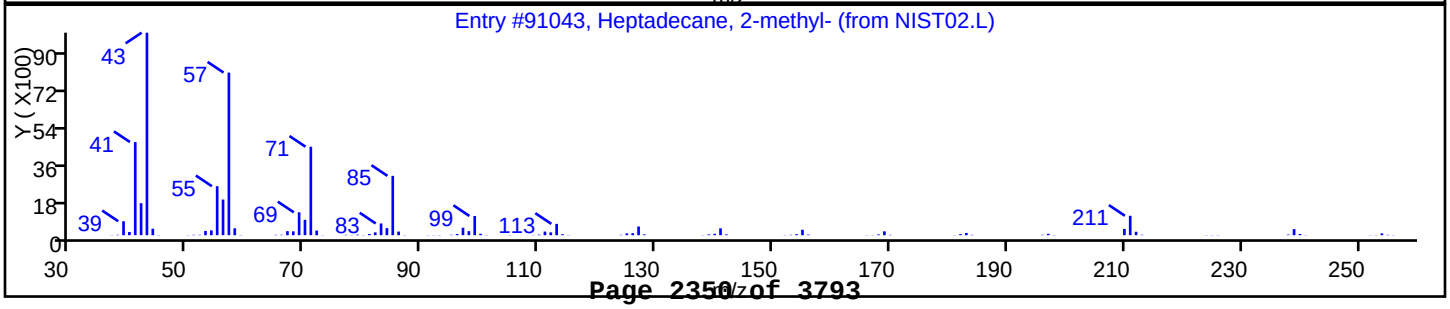
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Pentadecane	629-62-9	NIST02.L	64571	C15H32	212	86
Heptadecane, 2-methyl-	1560-89-0	NIST02.L	91043	C18H38	254	83









Report Date: 14-Mar-2014 12:19:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147924.D

Injection Date: 13-Mar-2014 08:46:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-26-C Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

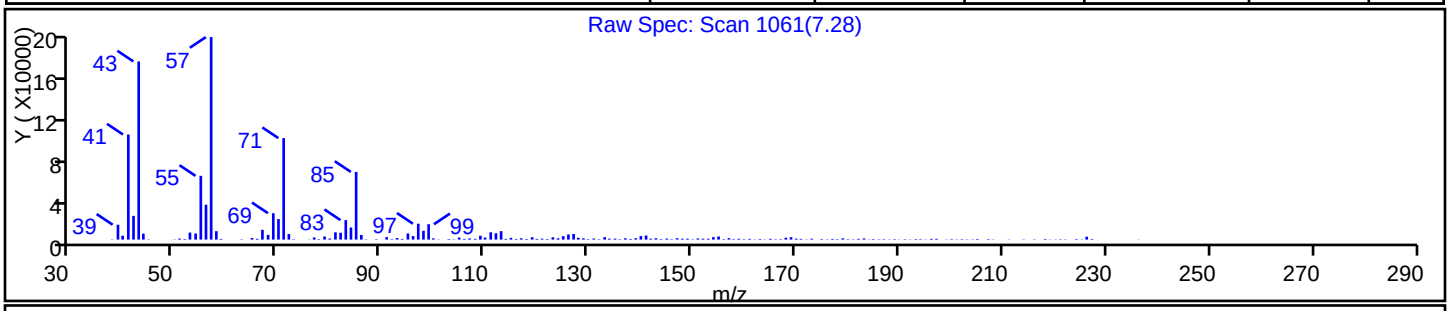
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 15

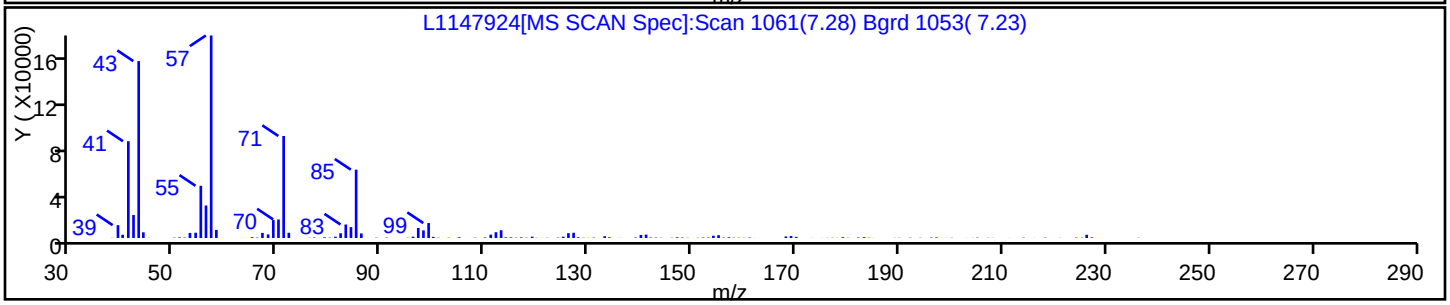
Injection Vol: 1.0 ul Dil. Factor: 5.0000

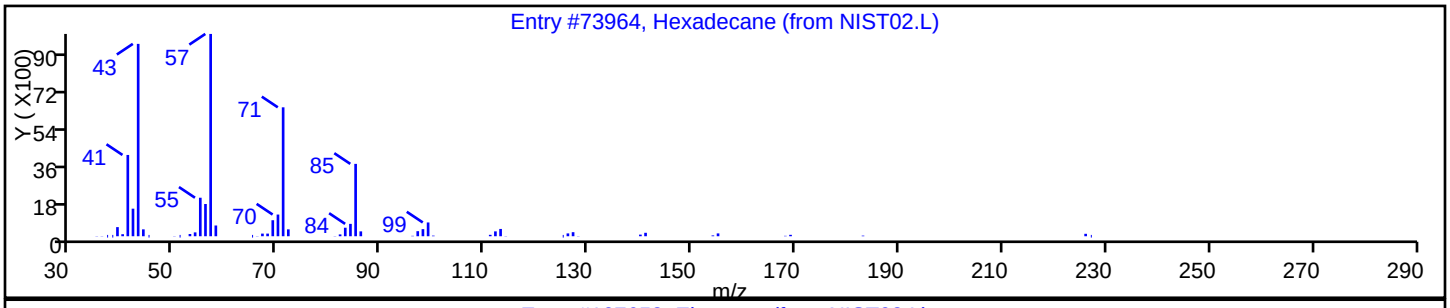
Method: 8270_12R Limit Group: SV 8270 ICAL

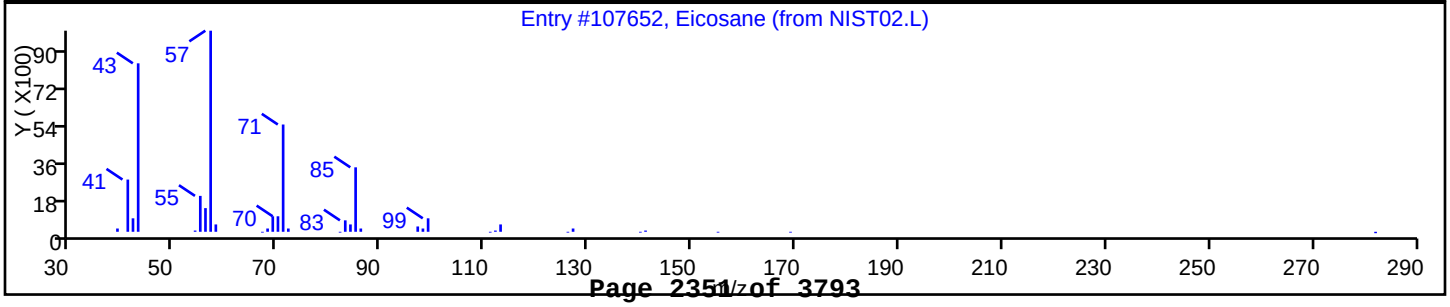
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane	544-76-3	NIST02.L	73964	C16H34	226	97
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91









Report Date: 14-Mar-2014 12:19:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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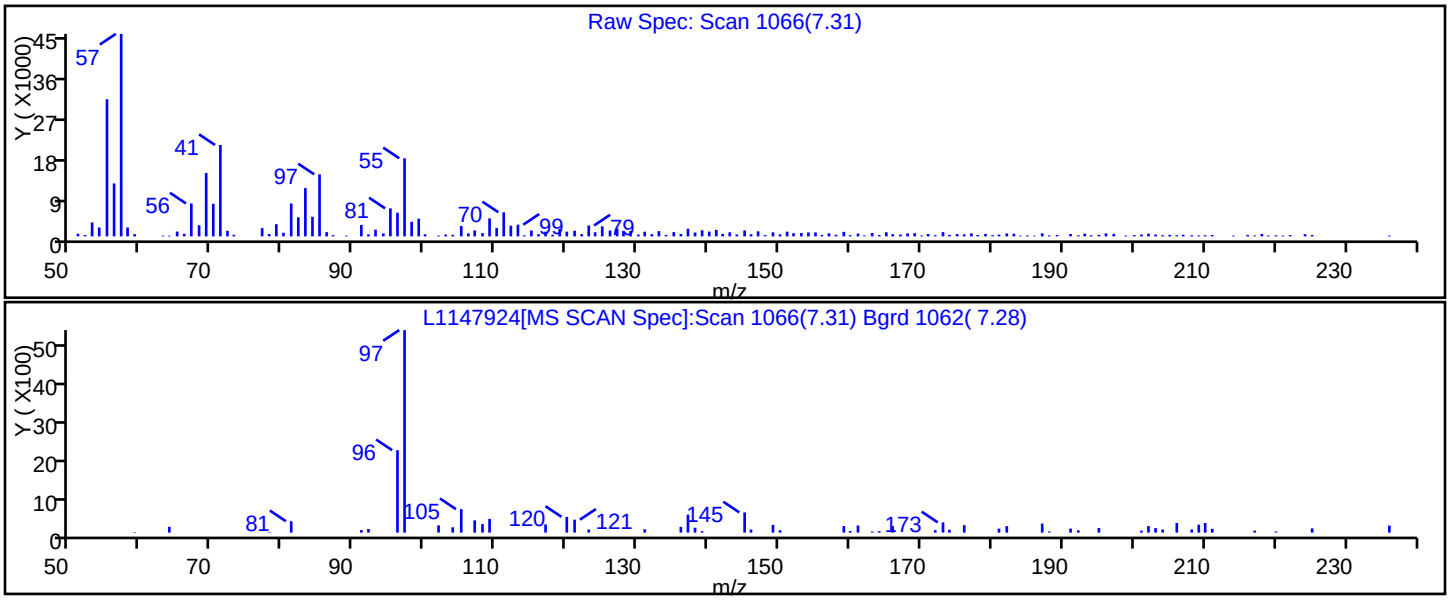
Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147924.D

Injection Date:	13-Mar-2014 08:46:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-26-C	Lab Sample ID:	460-72174-26		
Client ID:	PMP-28SW-WT				
Operator ID:	BNA 12	ALS Bottle#:	14	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Solvent:	No Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 14-Mar-2014 12:19:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147924.D

Injection Date: 13-Mar-2014 08:46:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-26-C Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

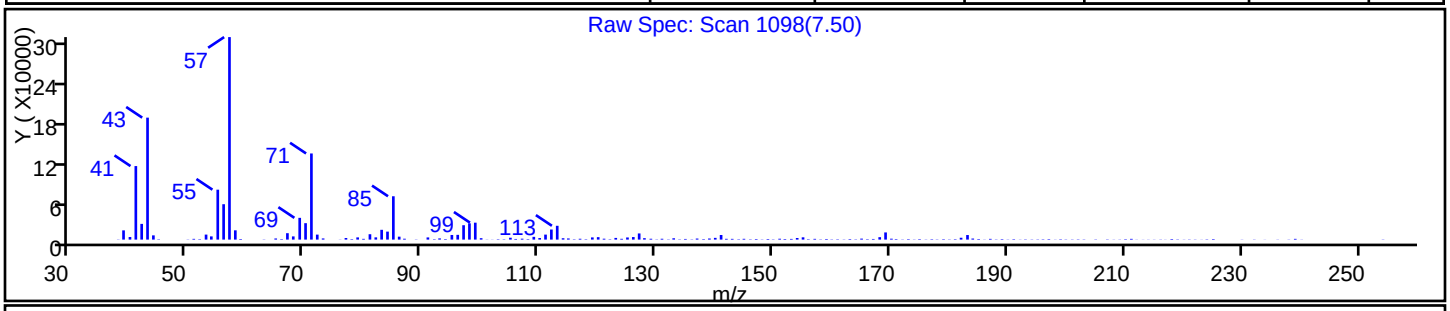
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 15

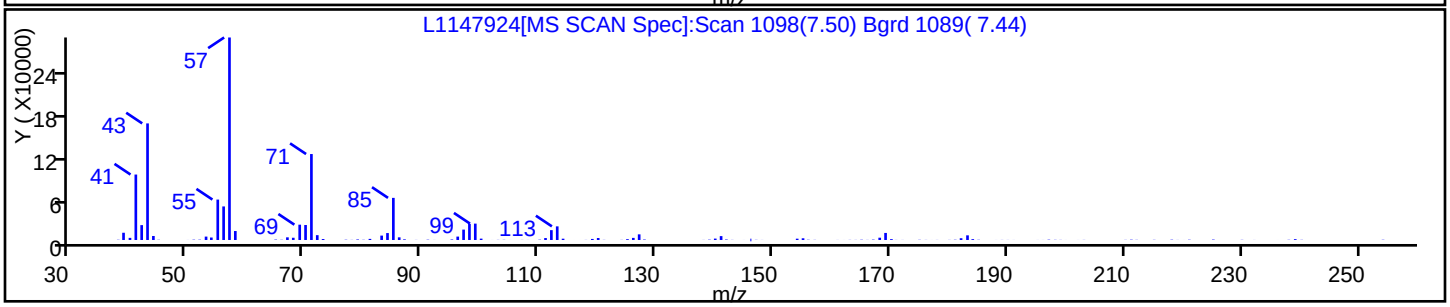
Injection Vol: 1.0 ul Dil. Factor: 5.0000

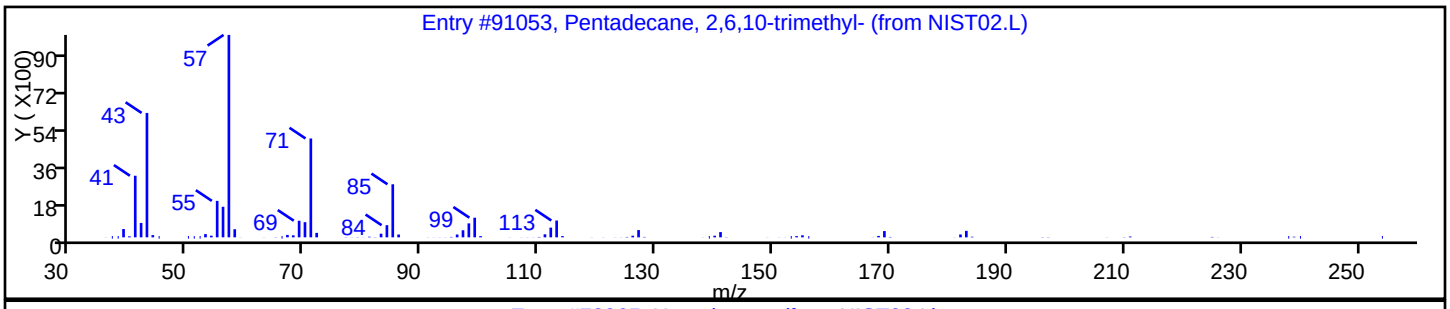
Method: 8270_12R Limit Group: SV 8270 ICAL

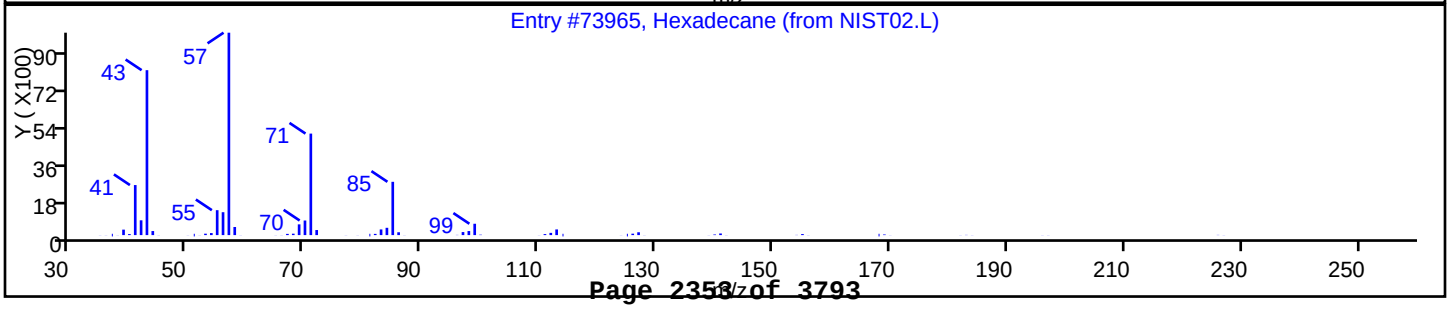
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	95
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	80









Report Date: 14-Mar-2014 12:19:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147924.D

Injection Date: 13-Mar-2014 08:46:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-26-C Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

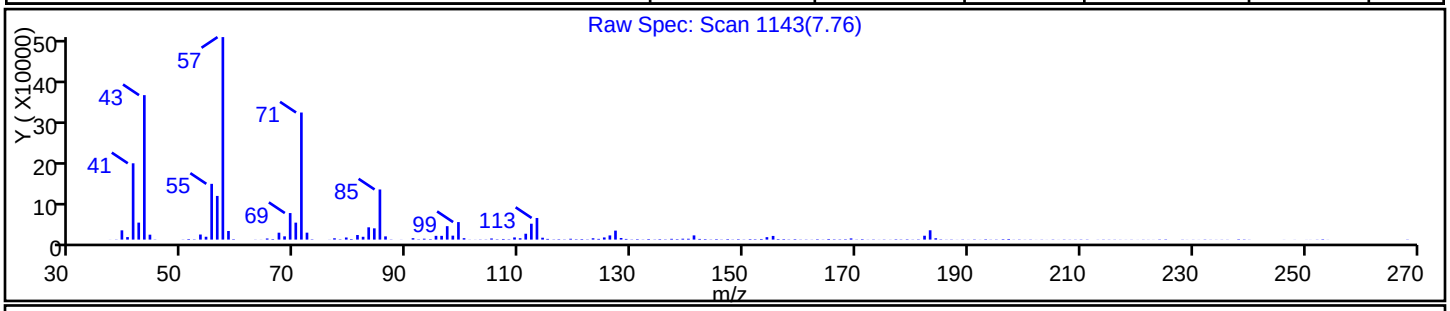
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 15

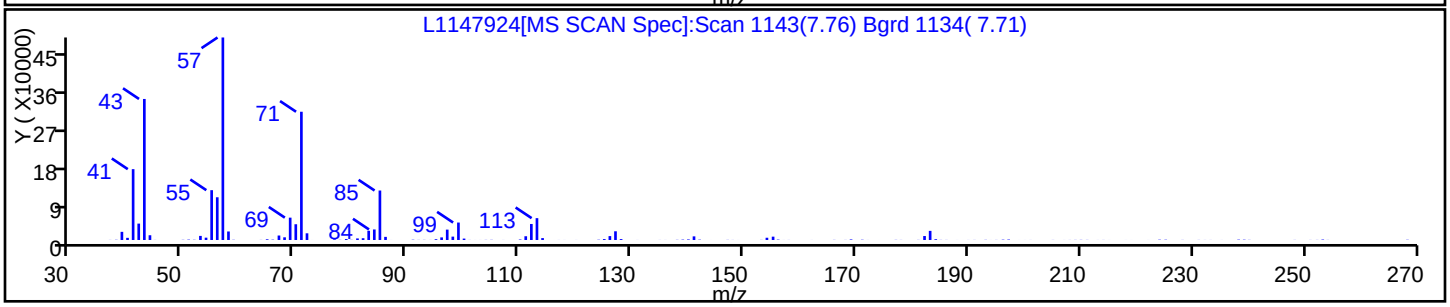
Injection Vol: 1.0 ul Dil. Factor: 5.0000

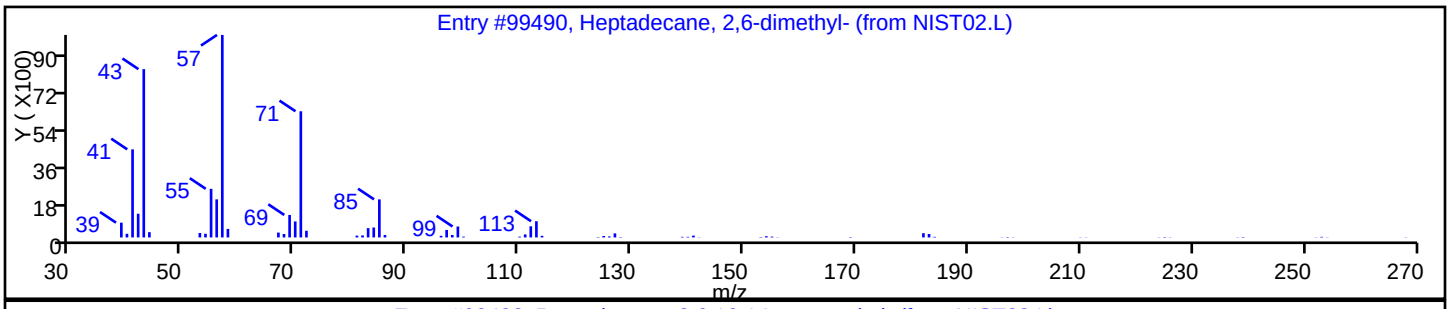
Method: 8270_12R Limit Group: SV 8270 ICAL

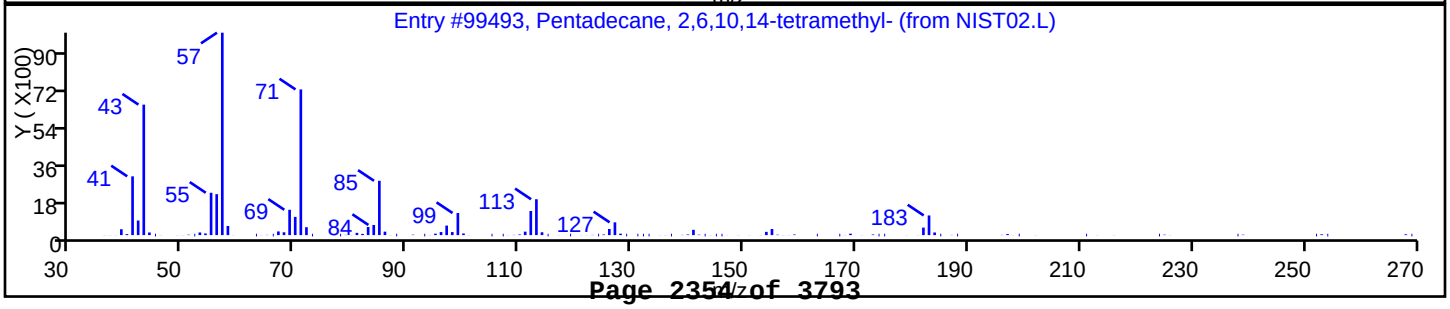
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	C19H40	268	93
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99493	C19H40	268	93









Report Date: 14-Mar-2014 12:19:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147924.D

Injection Date: 13-Mar-2014 08:46:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-26-C Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

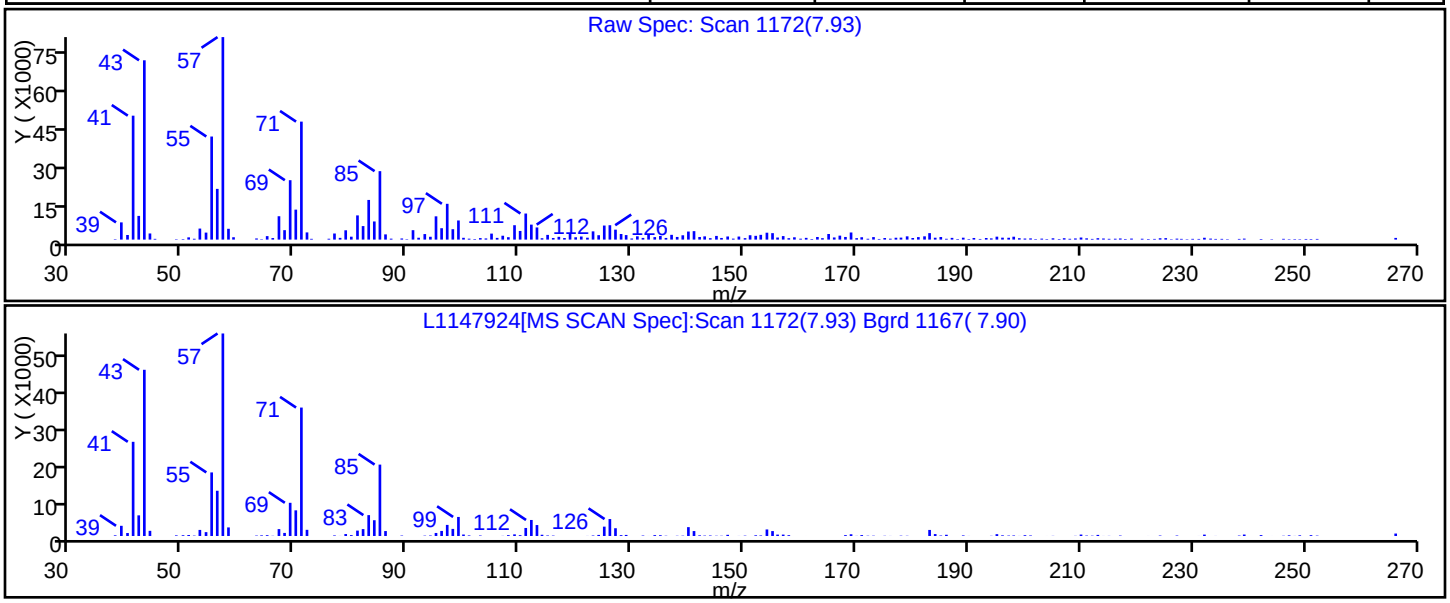
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 15

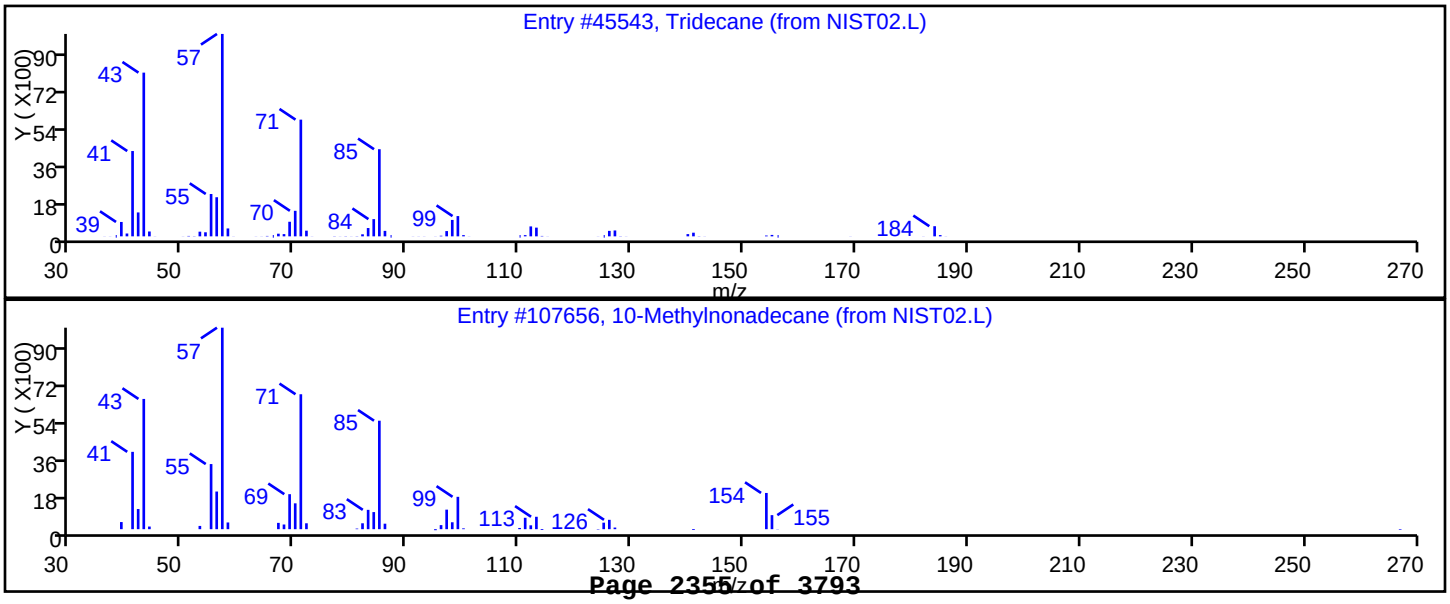
Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Tridecane	629-50-5	NIST02.L	45543	C13H28	184	80
10-Methylnonadecane	56862-62-5	NIST02.L	107656	C20H42	282	80





Report Date: 14-Mar-2014 12:19:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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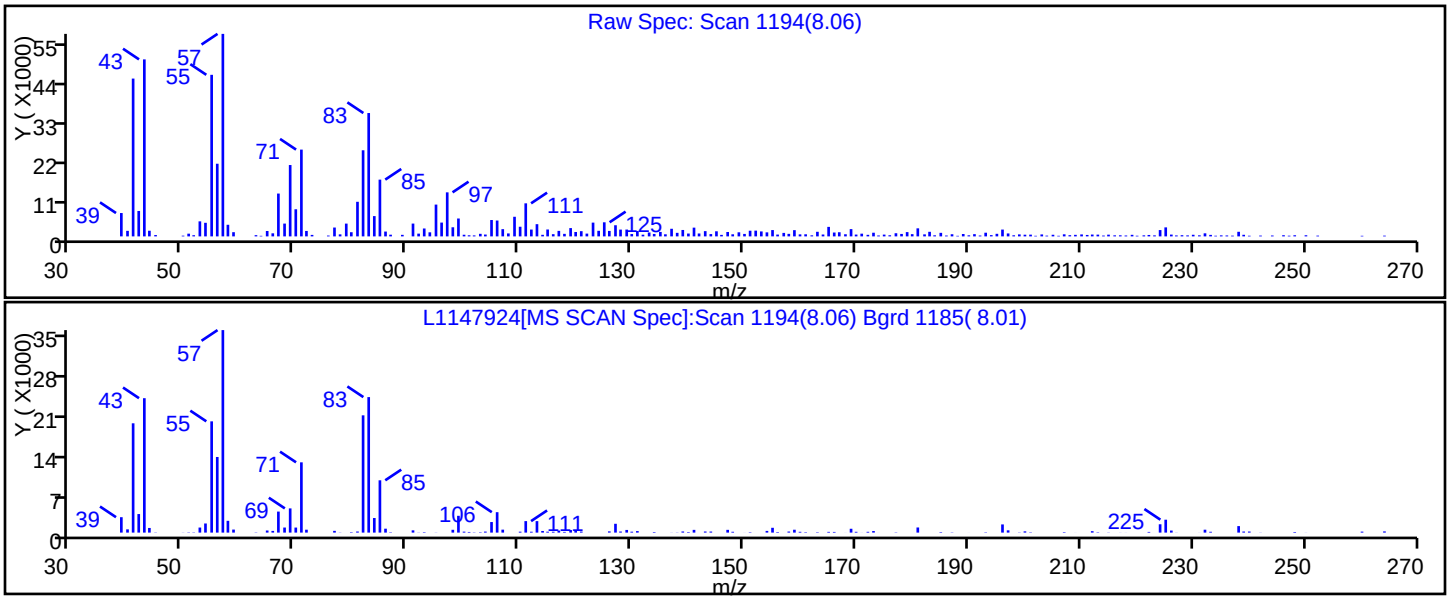
Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147924.D

Injection Date:	13-Mar-2014 08:46:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-26-C	Lab Sample ID:	460-72174-26		
Client ID:	PMP-28SW-WT				
Operator ID:	BNA 12	ALS Bottle#:	14	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 14-Mar-2014 12:19:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147924.D

Injection Date: 13-Mar-2014 08:46:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-26-C Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

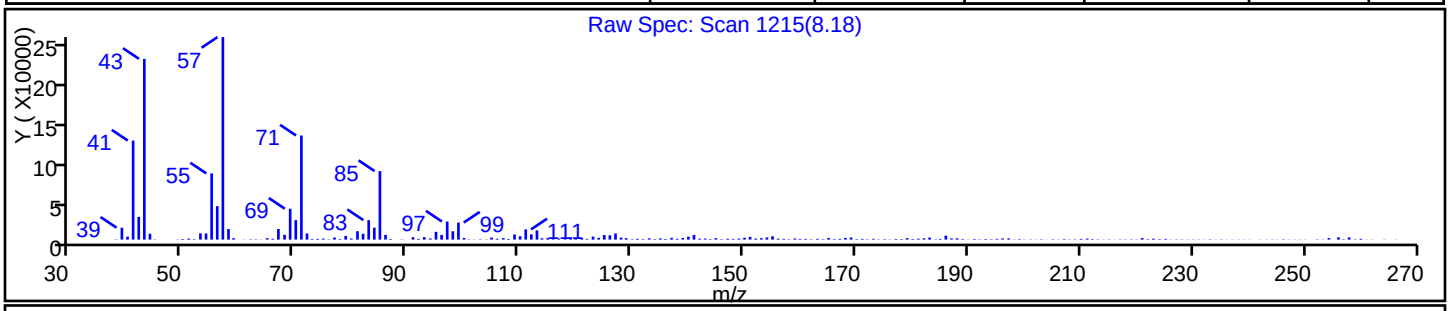
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 15

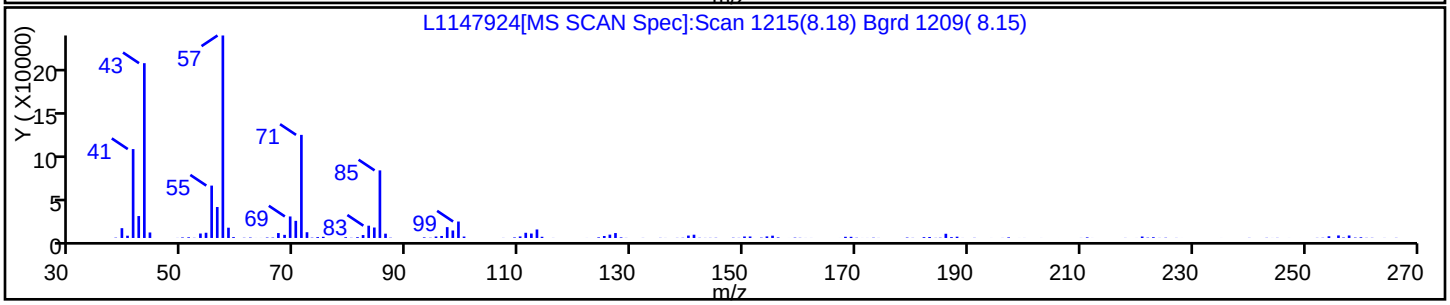
Injection Vol: 1.0 ul Dil. Factor: 5.0000

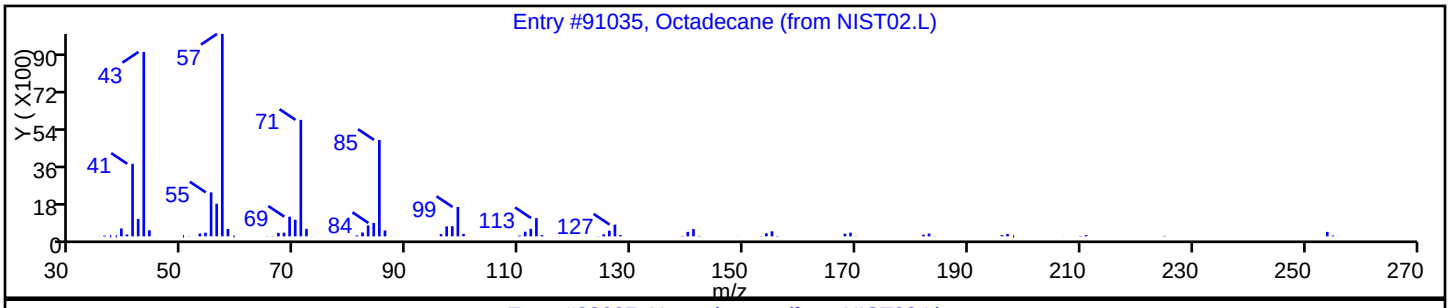
Method: 8270_12R Limit Group: SV 8270 ICAL

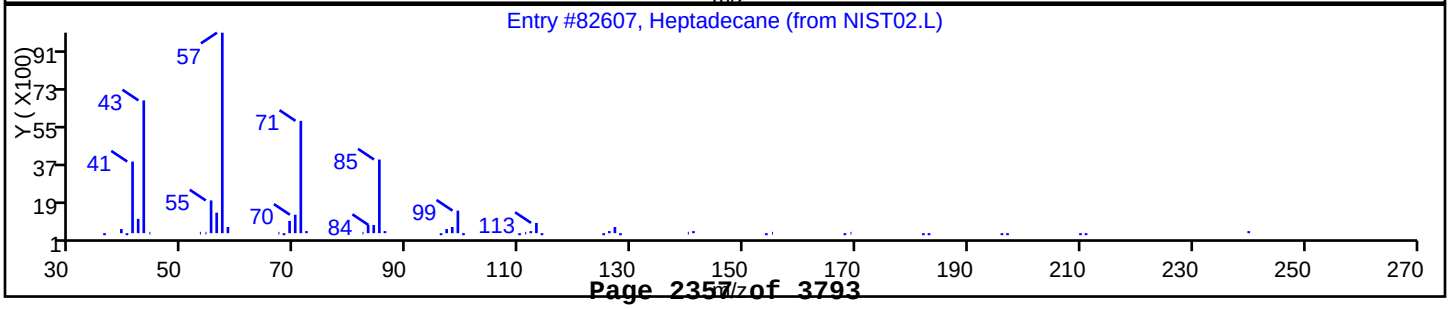
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Octadecane	593-45-3	NIST02.L	91035	C18H38	254	97
Heptadecane	629-78-7	NIST02.L	82607	C17H36	240	93









Report Date: 14-Mar-2014 12:19:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147924.D

Injection Date: 13-Mar-2014 08:46:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-26-C Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

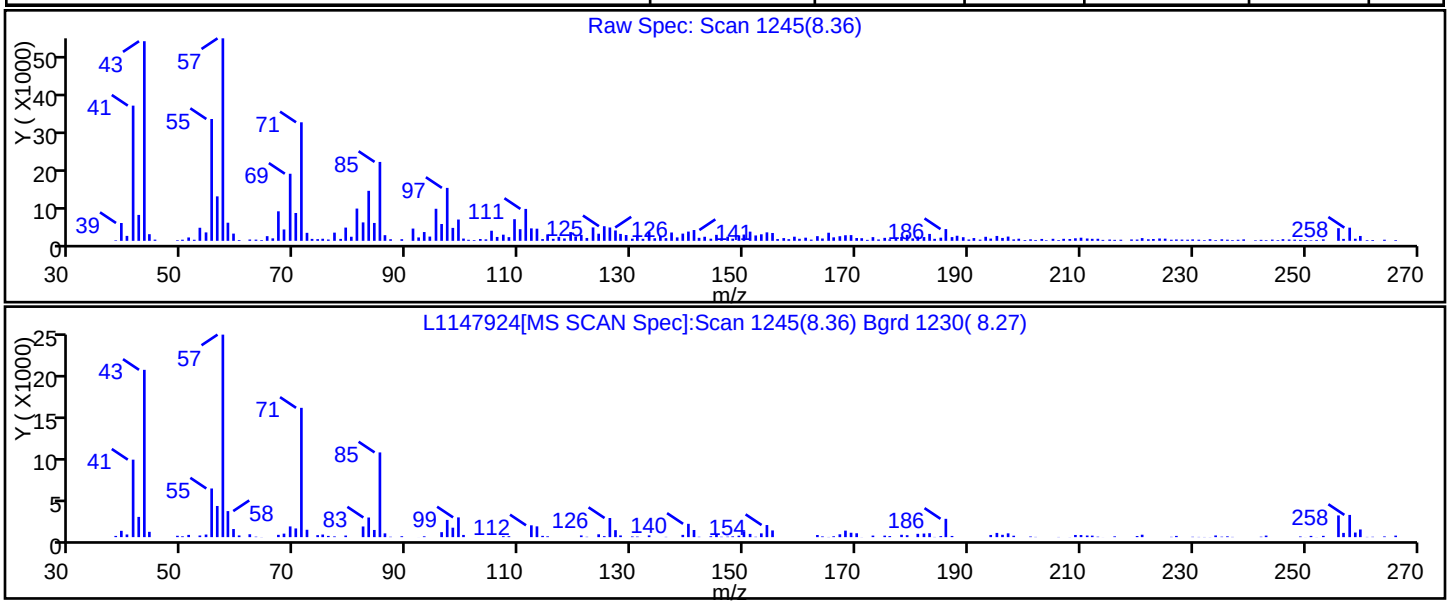
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 15

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0



Report Date: 14-Mar-2014 12:19:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147924.D

Injection Date: 13-Mar-2014 08:46:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-26-C Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

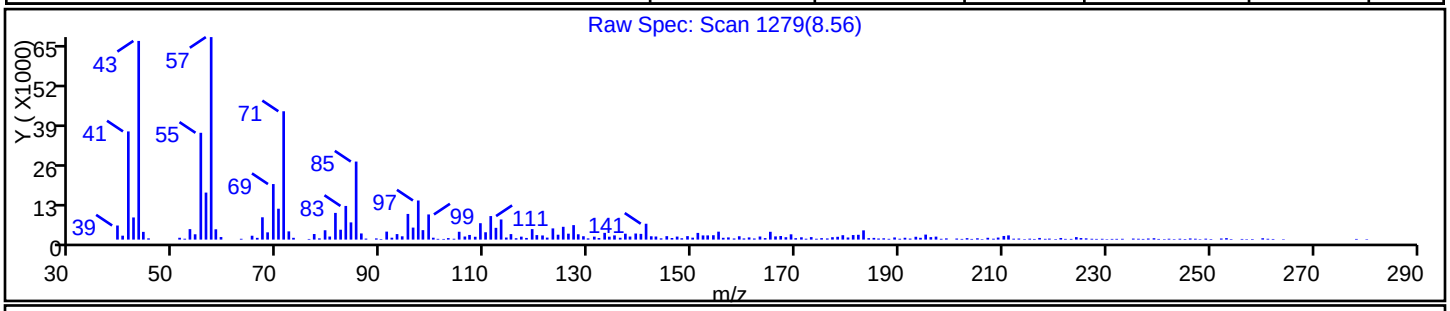
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 15

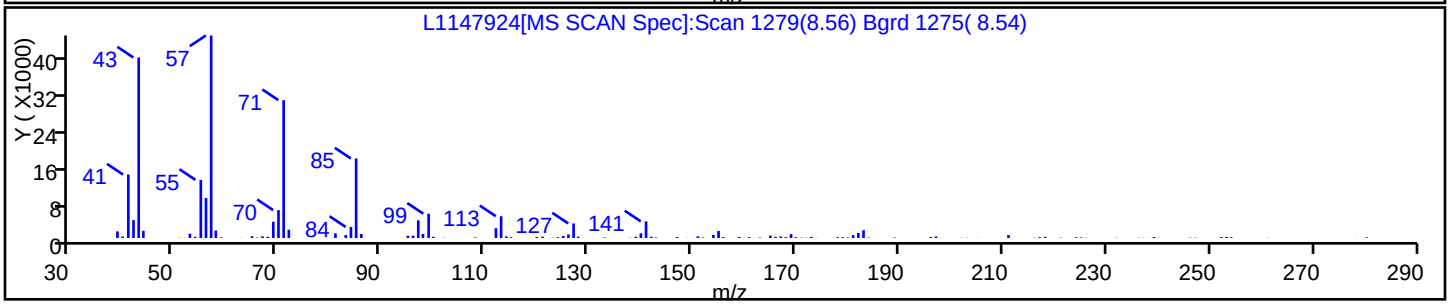
Injection Vol: 1.0 ul Dil. Factor: 5.0000

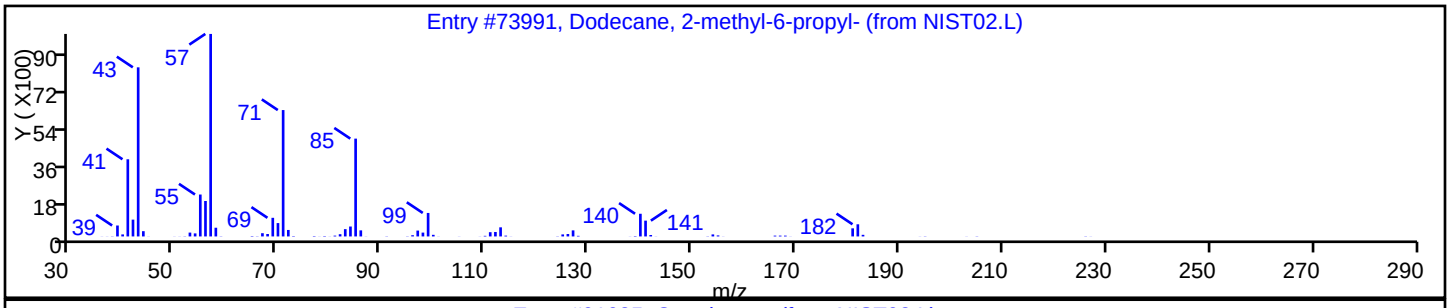
Method: 8270_12R Limit Group: SV 8270 ICAL

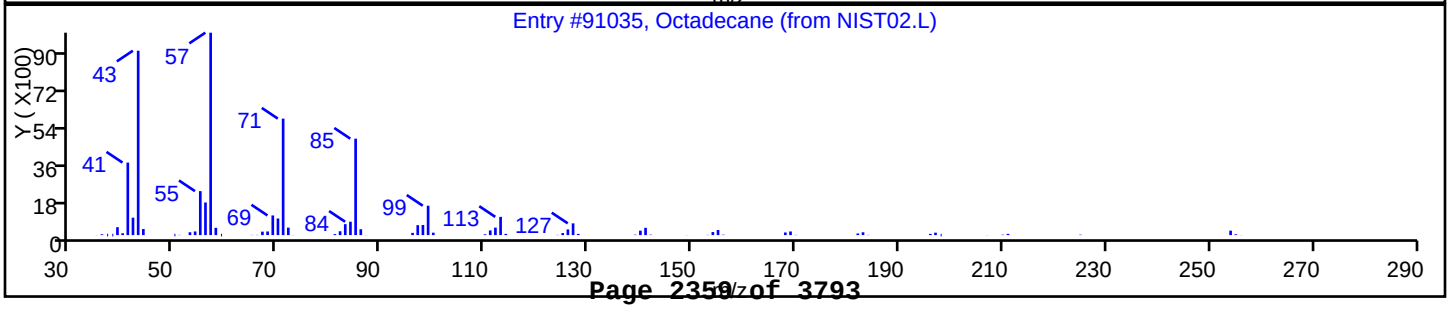
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Dodecane, 2-methyl-6-propyl-	55045-08-4	NIST02.L	73991	C16H34	226	93
Octadecane	593-45-3	NIST02.L	91035	C18H38	254	93









Report Date: 14-Mar-2014 12:19:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147924.D

Injection Date: 13-Mar-2014 08:46:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-26-C Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

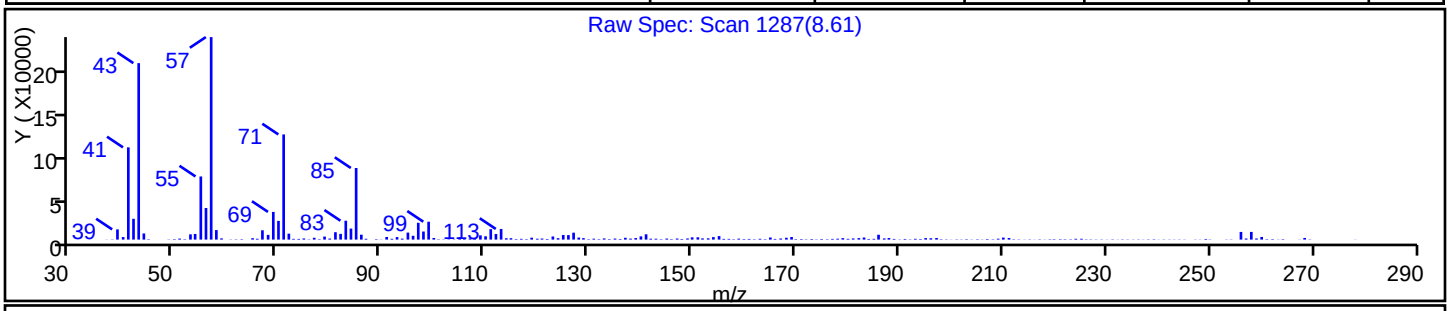
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 15

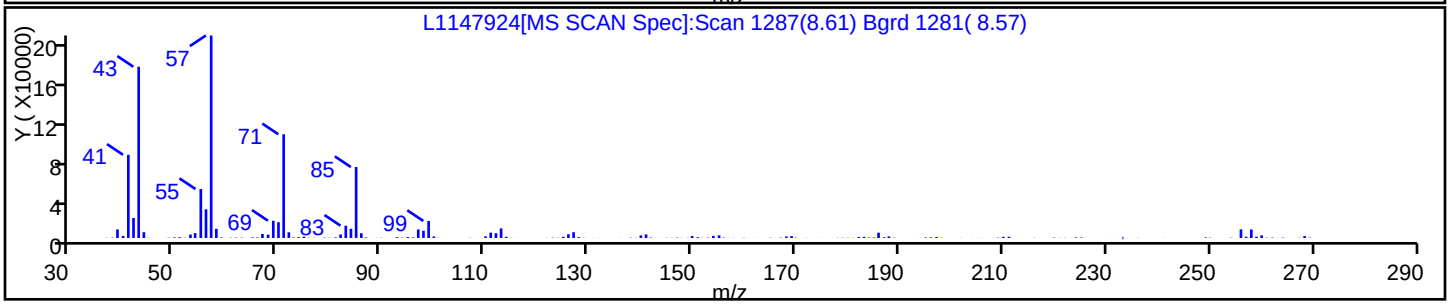
Injection Vol: 1.0 ul Dil. Factor: 5.0000

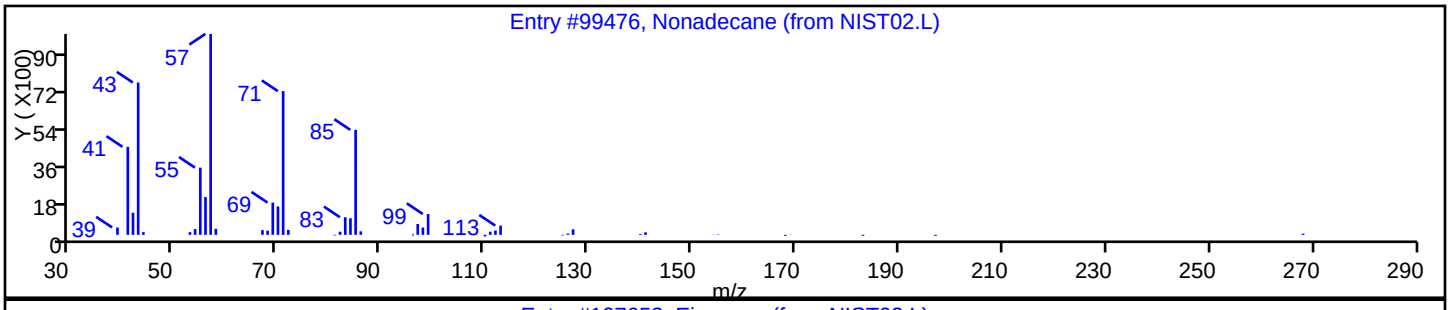
Method: 8270_12R Limit Group: SV 8270 ICAL

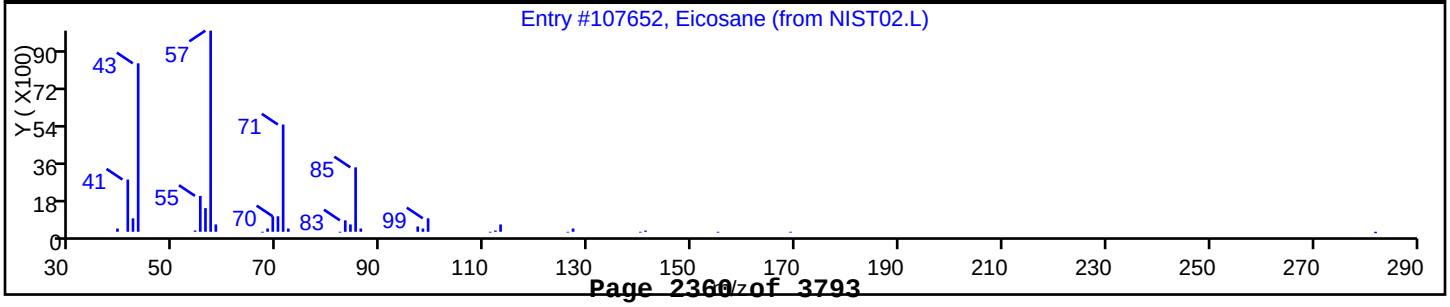
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Nonadecane	629-92-5	NIST02.L	99476	C19H40	268	90
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	87









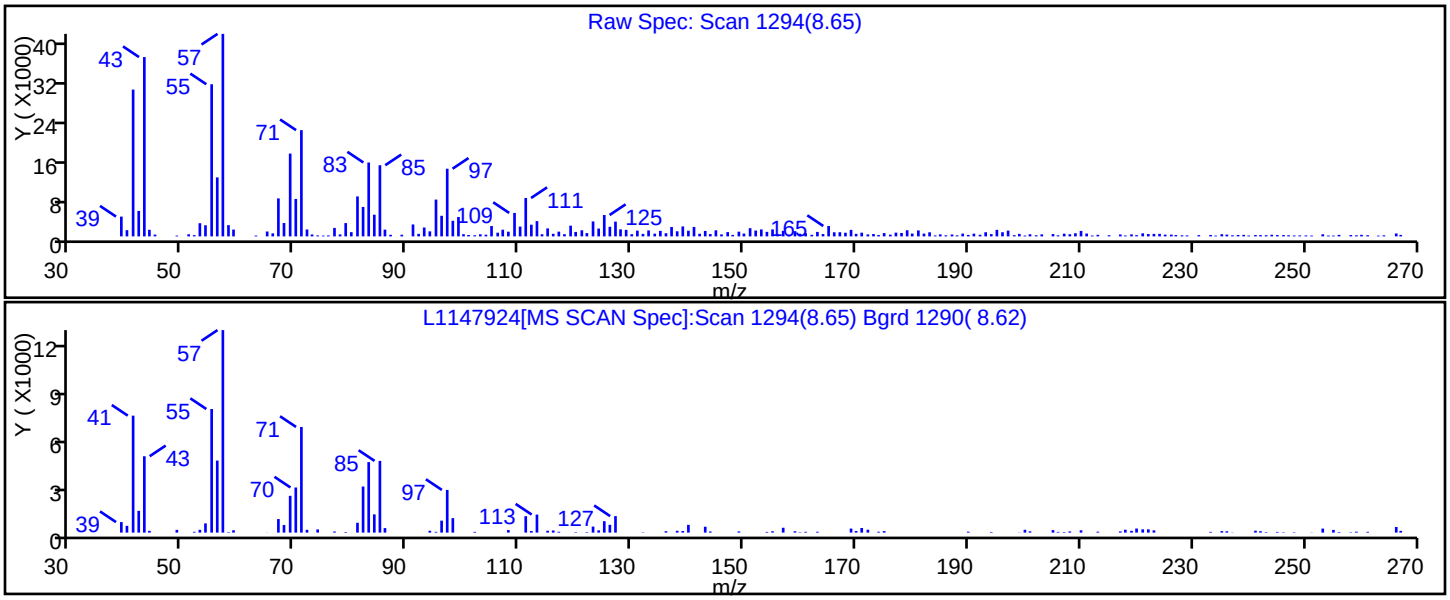
Report Date: 14-Mar-2014 12:19:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147924.D

Injection Date:	13-Mar-2014 08:46:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-26-C	Lab Sample ID:	460-72174-26		
Client ID:	PMP-28SW-WT				
Operator ID:	BNA 12	ALS Bottle#:	14	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 14-Mar-2014 12:19:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147924.D

Injection Date: 13-Mar-2014 08:46:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-26-C Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

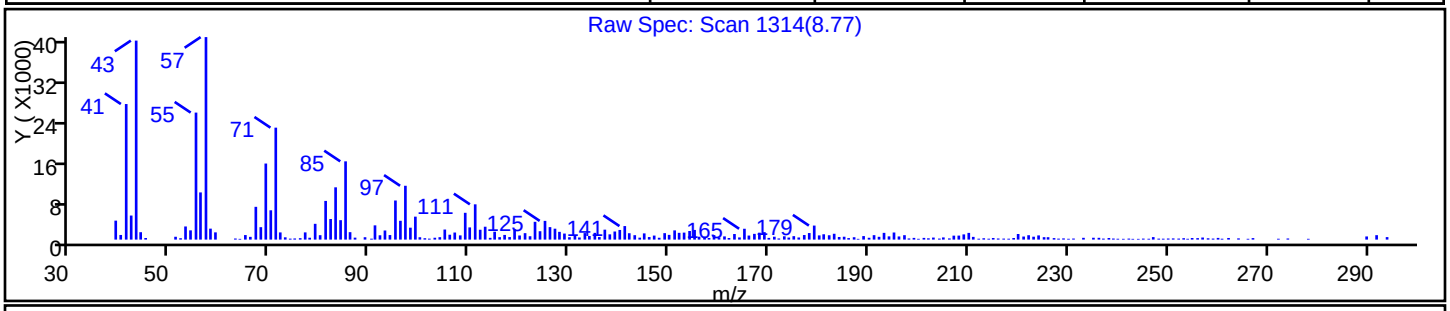
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 15

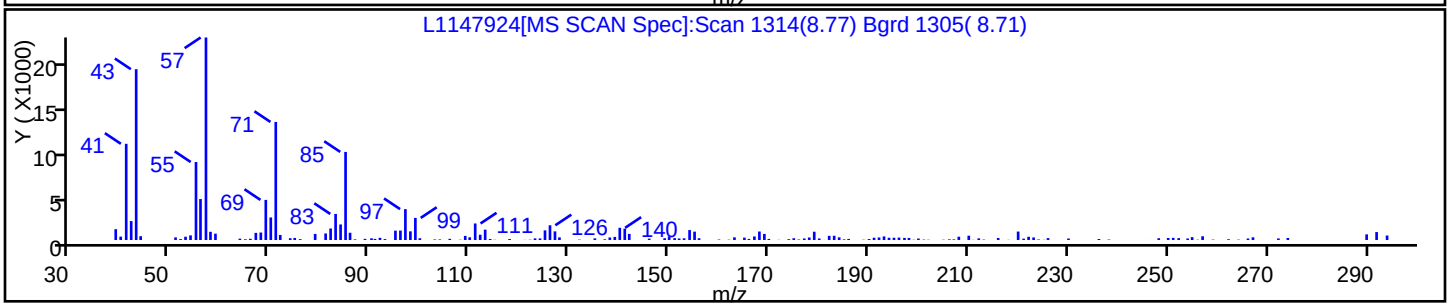
Injection Vol: 1.0 ul Dil. Factor: 5.0000

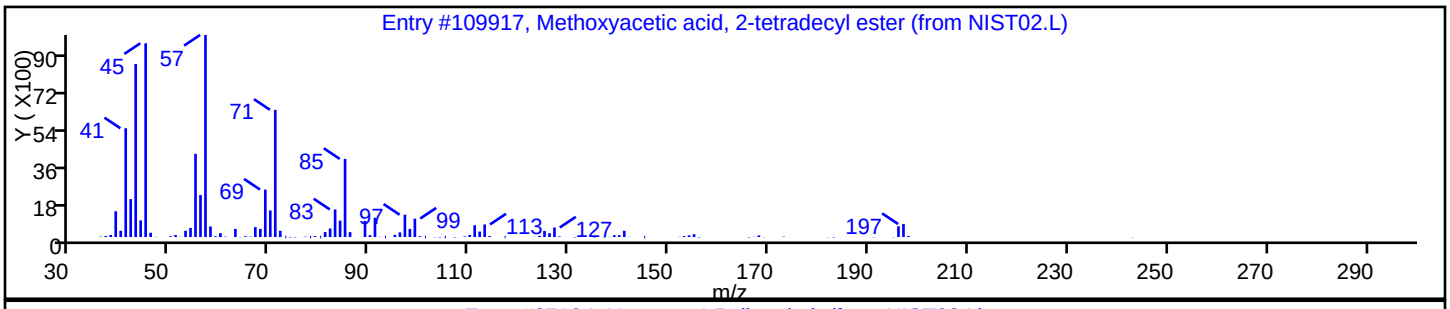
Method: 8270_12R Limit Group: SV 8270 ICAL

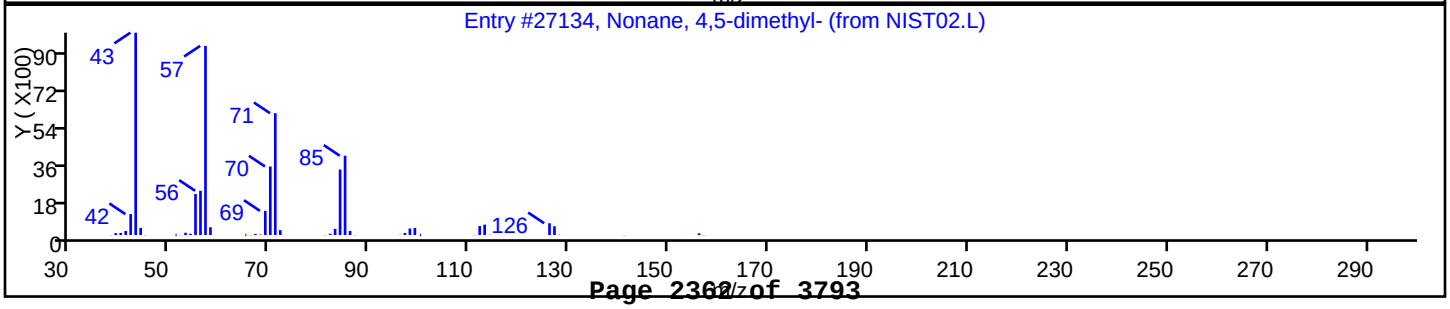
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Methoxyacetic acid, 2-tetradecyl ester	1000282-04-	NIST02.L	109917	C17H34O3	286	86
Nonane, 4,5-dimethyl-	17302-23-7	NIST02.L	27134	C11H24	156	81







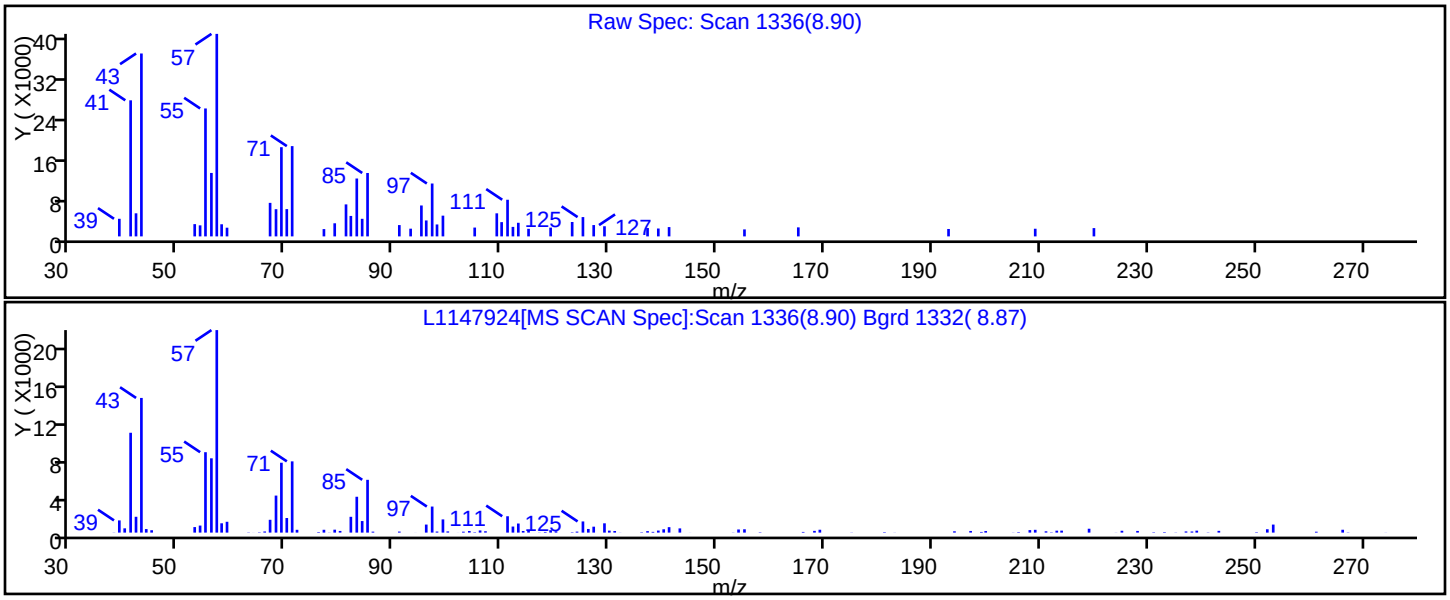


Report Date: 14-Mar-2014 12:19:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147924.D

Injection Date:	13-Mar-2014 08:46:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-26-C	Lab Sample ID:	460-72174-26		
Client ID:	PMP-28SW-WT				
Operator ID:	BNA 12	ALS Bottle#:	14	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	No Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 14-Mar-2014 12:19:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147924.D

Injection Date: 13-Mar-2014 08:46:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-26-C Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

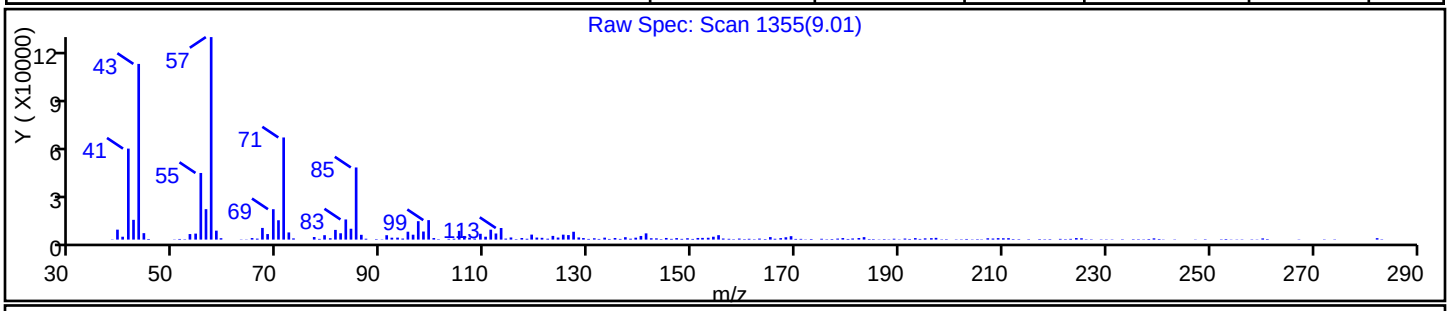
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 15

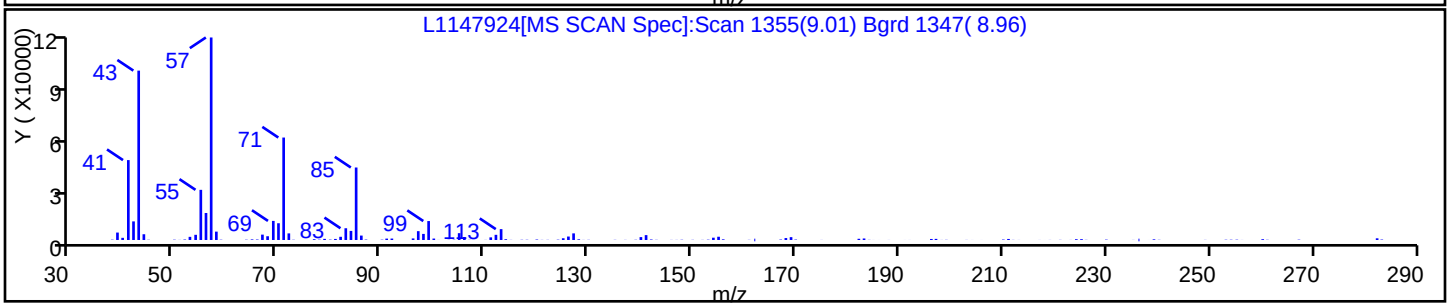
Injection Vol: 1.0 ul Dil. Factor: 5.0000

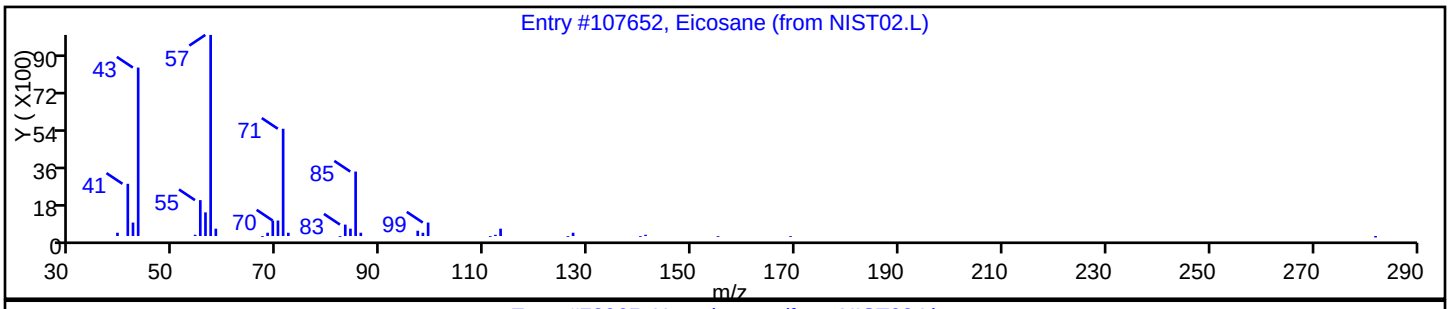
Method: 8270_12R Limit Group: SV 8270 ICAL

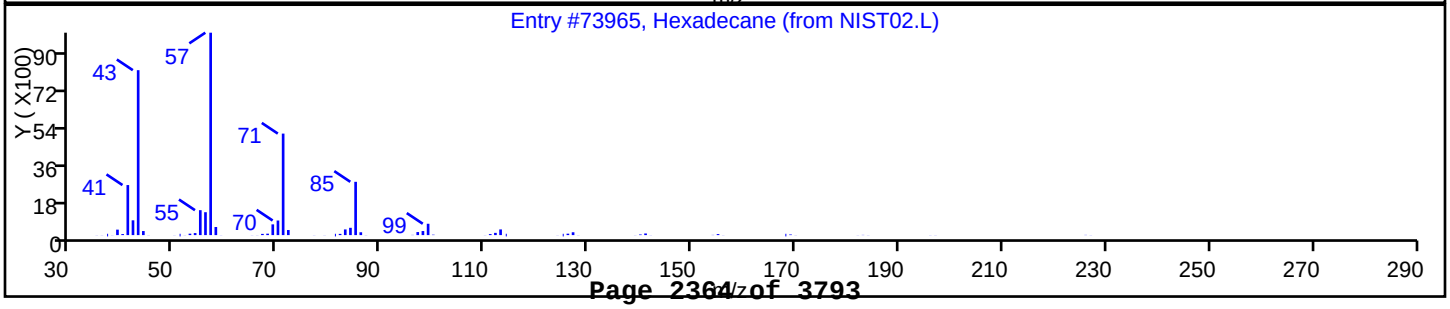
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	98
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	91









Report Date: 14-Mar-2014 12:19:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147924.D

Injection Date: 13-Mar-2014 08:46:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-26-C Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

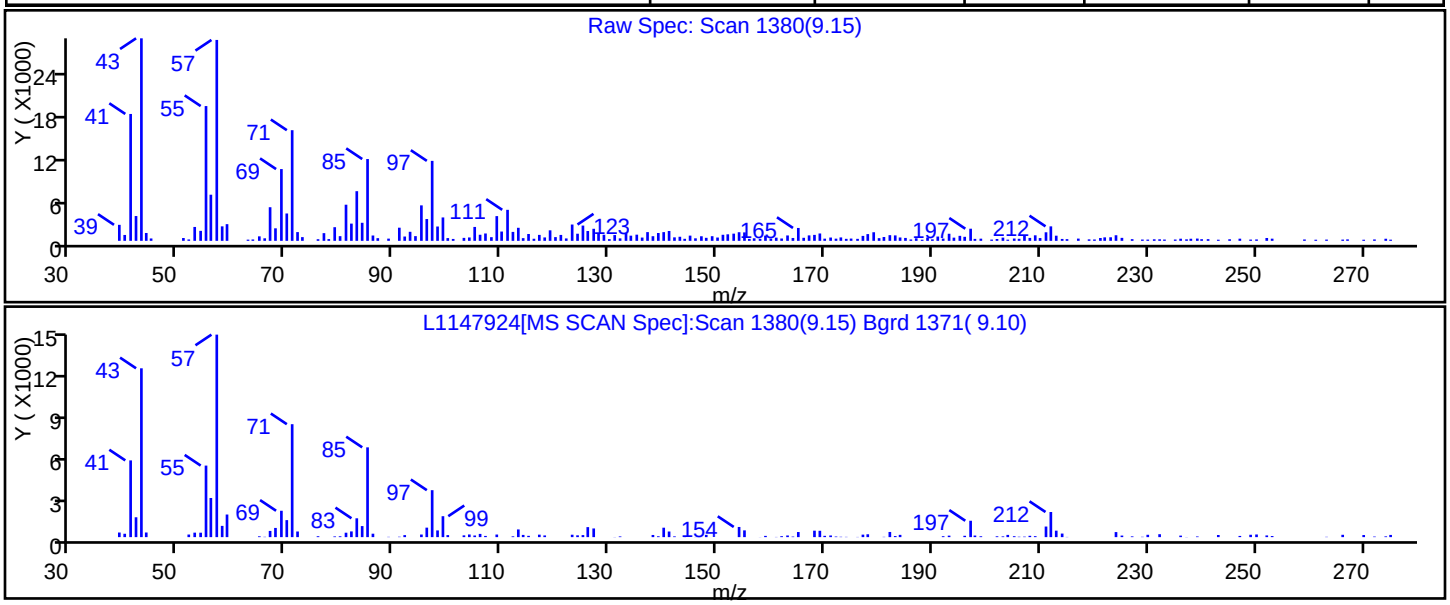
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 15

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0



Report Date: 14-Mar-2014 12:19:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147924.D

Injection Date: 13-Mar-2014 08:46:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-26-C Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

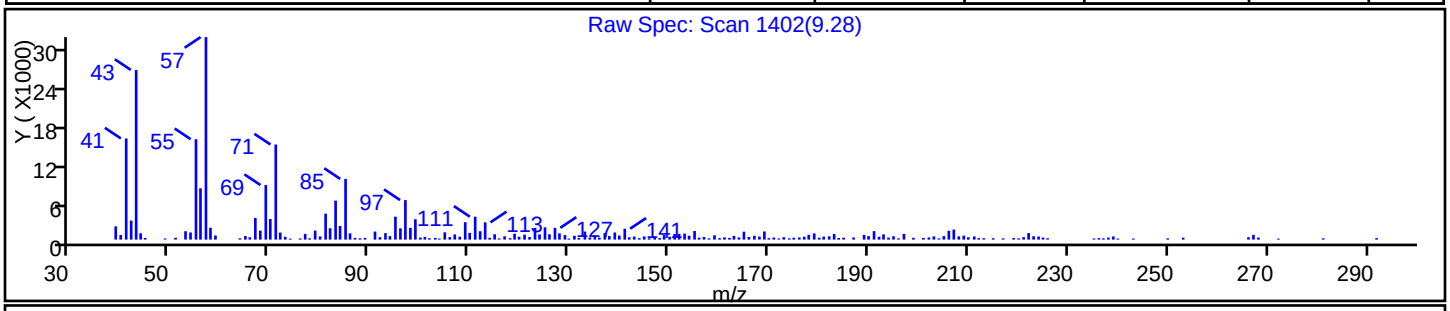
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 15

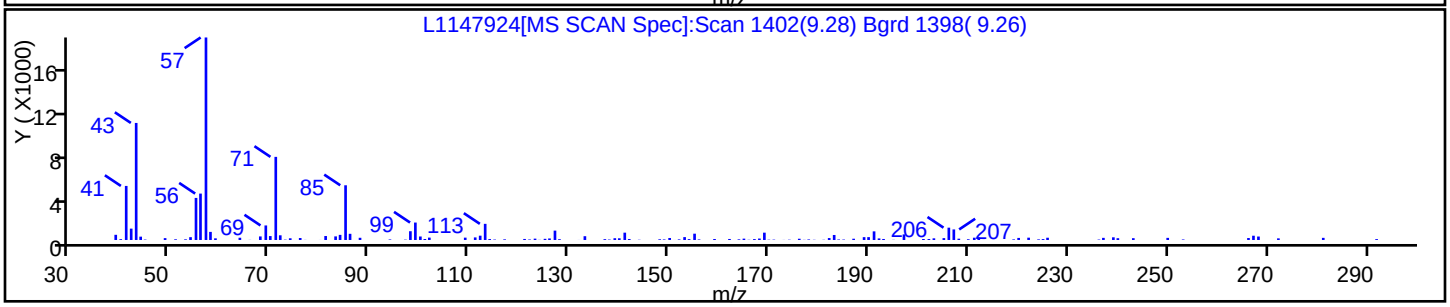
Injection Vol: 1.0 ul Dil. Factor: 5.0000

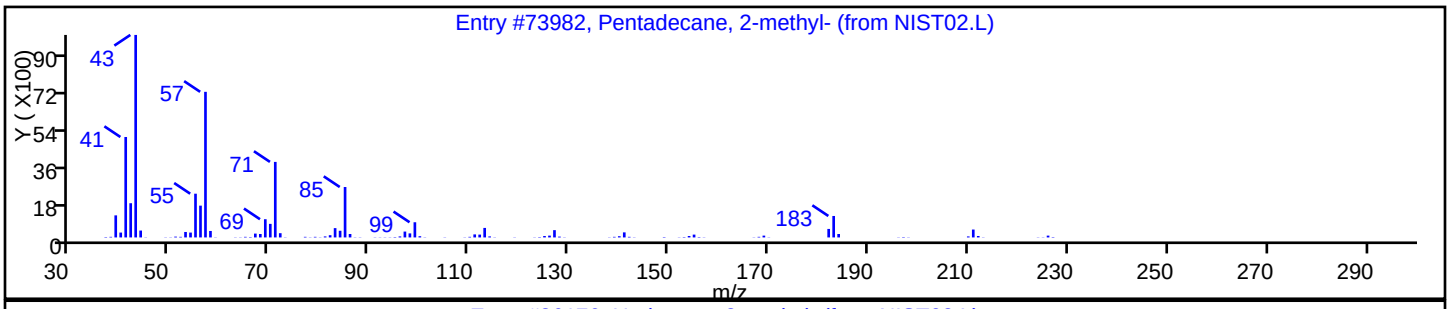
Method: 8270_12R Limit Group: SV 8270 ICAL

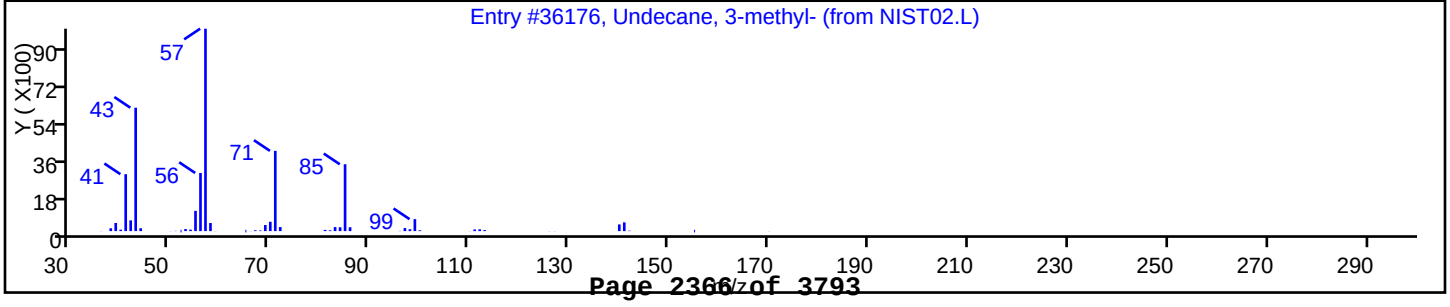
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Pentadecane, 2-methyl-	1560-93-6	NIST02.L	73982	C16H34	226	87
Undecane, 3-methyl-	1002-43-3	NIST02.L	36176	C12H26	170	80









Report Date: 14-Mar-2014 12:19:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147924.D

Injection Date: 13-Mar-2014 08:46:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-26-C Lab Sample ID: 460-72174-26

Client ID: PMP-28SW-WT

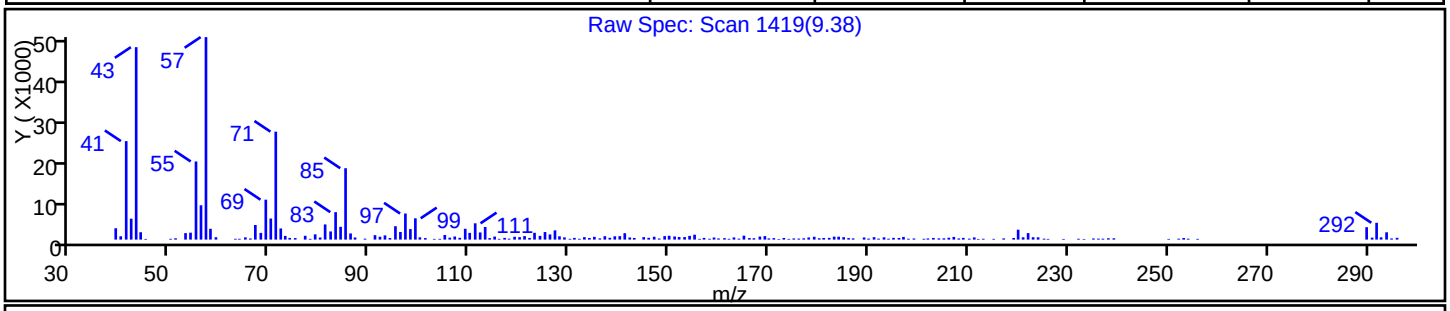
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 15

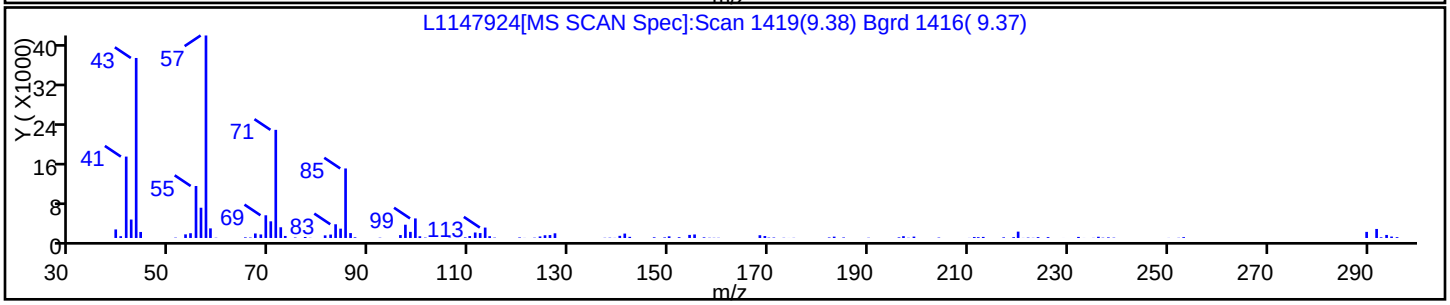
Injection Vol: 1.0 ul Dil. Factor: 5.0000

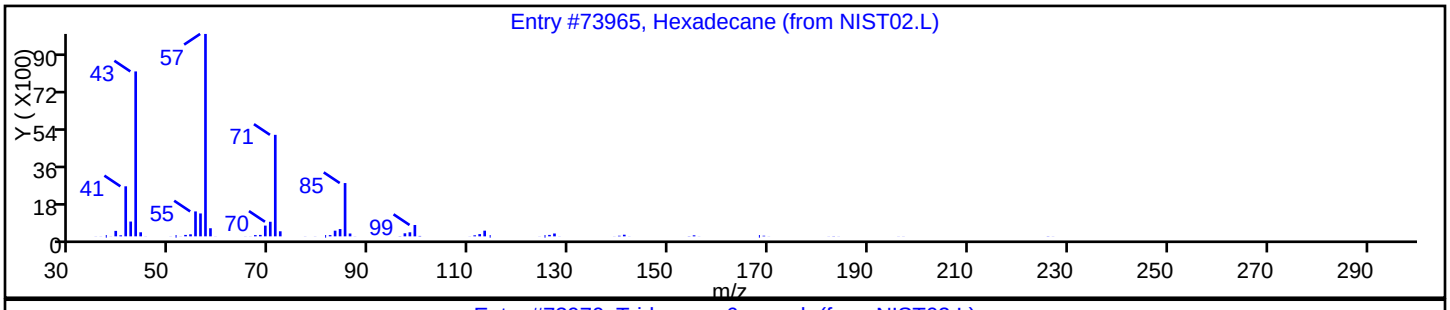
Method: 8270_12R Limit Group: SV 8270 ICAL

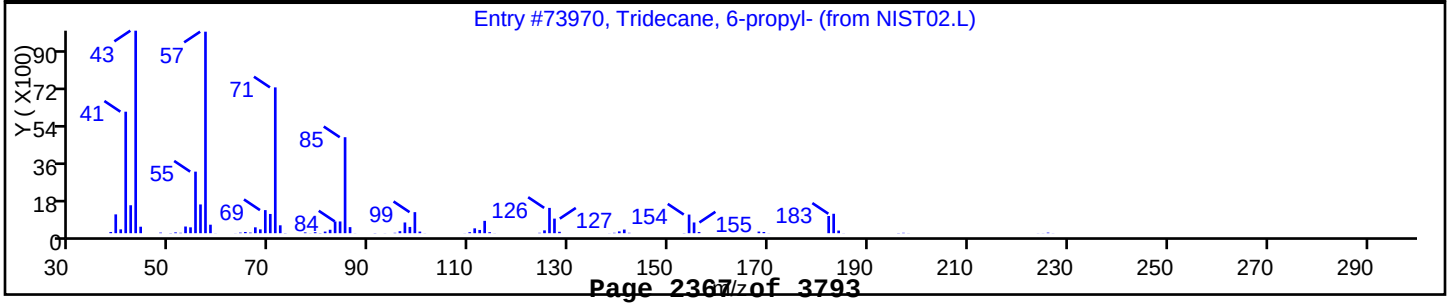
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	97
Tridecane, 6-propyl-	55045-10-8	NIST02.L	73970	C16H34	226	91









FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-SI | Lab Sample ID: 460-72174-27

Matrix: Solid | Lab File ID: L1147869.D

Analysis Method: 8270C | Date Collected: 03/06/2014 16:50

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 20:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	52	U	380	52
95-57-8	2-Chlorophenol	51	U	380	51
95-48-7	2-Methylphenol	66	U	380	66
106-44-5	4-Methylphenol	76	U	380	76
100-52-7	Benzaldehyde	45	U	380	45
98-86-2	Acetophenone	59	U	380	59
111-44-4	Bis(2-chloroethyl)ether	5.2	U	38	5.2
108-60-1	2,2'-oxybis[1-chloropropane]	43	U	380	43
621-64-7	N-Nitrosodi-n-propylamine	6.4	U	38	6.4
98-95-3	Nitrobenzene	5.5	U *	38	5.5
67-72-1	Hexachloroethane	4.3	U	38	4.3
78-59-1	Isophorone	47	U	380	47
88-75-5	2-Nitrophenol	43	U	380	43
105-67-9	2,4-Dimethylphenol	95	U	380	95
120-83-2	2,4-Dichlorophenol	56	U	380	56
111-91-1	Bis(2-chloroethoxy)methane	50	U	380	50
91-20-3	Naphthalene	45	U	380	45
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.4	U	78	9.4
105-60-2	Caprolactam	89	U	380	89
59-50-7	4-Chloro-3-methylphenol	58	U	380	58
91-57-6	2-Methylnaphthalene	49	U	380	49
118-74-1	Hexachlorobenzene	5.3	U	38	5.3
77-47-4	Hexachlorocyclopentadiene	45	U	380	45
88-06-2	2,4,6-Trichlorophenol	45	U	380	45
95-95-4	2,4,5-Trichlorophenol	50	U	380	50
92-52-4	Diphenyl	52	U	380	52
91-58-7	2-Chloronaphthalene	43	U	380	43
88-74-4	2-Nitroaniline	160	U	380	160
606-20-2	2,6-Dinitrotoluene	12	U	78	12
131-11-3	Dimethyl phthalate	46	U	380	46
208-96-8	Acenaphthylene	45	U	380	45
99-09-2	3-Nitroaniline	140	U	380	140
83-32-9	Acenaphthene	56	U	380	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-SI | Lab Sample ID: 460-72174-27

Matrix: Solid | Lab File ID: L1147869.D

Analysis Method: 8270C | Date Collected: 03/06/2014 16:50

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 20:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	380	250
51-28-5	2,4-Dinitrophenol	220	U	780	220
132-64-9	Dibenzofuran	45	U	380	45
84-66-2	Diethyl phthalate	46	U	380	46
86-73-7	Fluorene	49	U	380	49
206-44-0	Fluoranthene	51	U	380	51
84-74-2	Di-n-butyl phthalate	47	U	380	47
121-14-2	2,4-Dinitrotoluene	13	U	78	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	380	45
100-01-6	4-Nitroaniline	120	U	780	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	780	100
101-55-3	4-Bromophenyl phenyl ether	38	U	380	38
1912-24-9	Atrazine	59	U	380	59
120-12-7	Anthracene	47	U	380	47
86-74-8	Carbazole	45	U	380	45
85-01-8	Phenanthrene	49	U	380	49
87-86-5	Pentachlorophenol	110	U	780	110
129-00-0	Pyrene	32	U	380	32
218-01-9	Chrysene	45	U	380	45
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.7	U	38	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	380	38
85-68-7	Butyl benzyl phthalate	35	U	380	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	25	U	380	25
193-39-5	Indeno[1,2,3-cd]pyrene	7.2	U	38	7.2
53-70-3	Dibenz(a,h)anthracene	4.8	U	38	4.8
91-94-1	3,3'-Dichlorobenzidine	130	U	380	130
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	380	52
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	380	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-SI Lab Sample ID: 460-72174-27

Matrix: Solid Lab File ID: L1147869.D

Analysis Method: 8270C Date Collected: 03/06/2014 16:50

Extract. Method: 3541 Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) Date Analyzed: 03/11/2014 20:31

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	94		40-106
4165-62-2	Phenol-d5	85		44-104
1718-51-0	Terphenyl-d14	98		41-145
118-79-6	2,4,6-Tribromophenol	94		19-114
367-12-4	2-Fluorophenol	83		39-103
321-60-8	2-Fluorobiphenyl	94		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-SI | Lab Sample ID: 460-72174-27

Matrix: Solid | Lab File ID: L1147869.D

Analysis Method: 8270C | Date Collected: 03/06/2014 16:50

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 20:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

Number TICs Found: 2 | TIC Result Total: 790

CAS NO.	COMPOUND NAME	RT	RESULT	Q
2131-42-2	Naphthalene, 1,4,6-trimethyl-	7.04	330	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	7.75	460	J N

Report Date: 14-Mar-2014 10:01:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147869.D
Lims ID: 460-72174-F-27-C Lab Sample ID: 460-72174-27
Client ID: PMP-28SW-SI
Sample Type: Client
Inject. Date: 11-Mar-2014 20:31:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010722-012
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 10:00:53 Calib Date: 05-Mar-2014 23:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147714.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: croccom Date: 12-Mar-2014 08:46:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.449	2.431	0.018	94	102394	41.5	
$ 6 Phenol-d5	99	3.366	3.366	0.0	68	122703	42.6	
* 13 1,4-Dichlorobenzene-d4	152	3.719	3.713	0.006	95	87331	40.0	
$ 25 Nitrobenzene-d5	82	4.290	4.296	-0.006	92	113141	47.0	
* 35 Naphthalene-d8	136	5.019	5.019	0.0	99	311749	40.0	
$ 48 2-Fluorobiphenyl	172	6.125	6.125	0.0	98	225942	47.2	
* 61 Acenaphthene-d10	164	6.778	6.778	0.0	93	146628	40.0	
$ 76 2,4,6-Tribromophenol	330	7.560	7.566	-0.006	92	33280	47.2	
* 83 Phenanthrene-d10	188	8.236	8.242	-0.006	99	208152	40.0	
$ 91 Terphenyl-d14	244	9.819	9.825	-0.006	99	165202	49.2	
* 96 Chrysene-d12	240	10.901	10.907	-0.006	99	157902	40.0	
* 103 Perylene-d12	264	12.689	12.695	-0.006	98	178427	40.0	

Report Date: 14-Mar-2014 10:01:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147869.D
Lims ID: 460-72174-F-27-C Lab Sample ID: 460-72174-27
Client ID: PMP-28SW-SI
Sample Type: Client
Inject. Date: 11-Mar-2014 20:31:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010722-012
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 10:00:53 Calib Date: 05-Mar-2014 23:36:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: croccom Date: 12-Mar-2014 08:46:47

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	2131-42-2	Naphthalene, 1,4,6-trimethyl-						
7.036	68745	4.22	61	93	36210	C13H14	170	
	3892-00-0	Pentadecane, 2,6,10-trimethyl-						
7.754	78859	5.95	83	91	91053	C18H38	254	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	6.778	652312	40.0
* 83 Phenanthrene-d10	8.236	530290	40.0

QC Flag Legend

Processing Flags

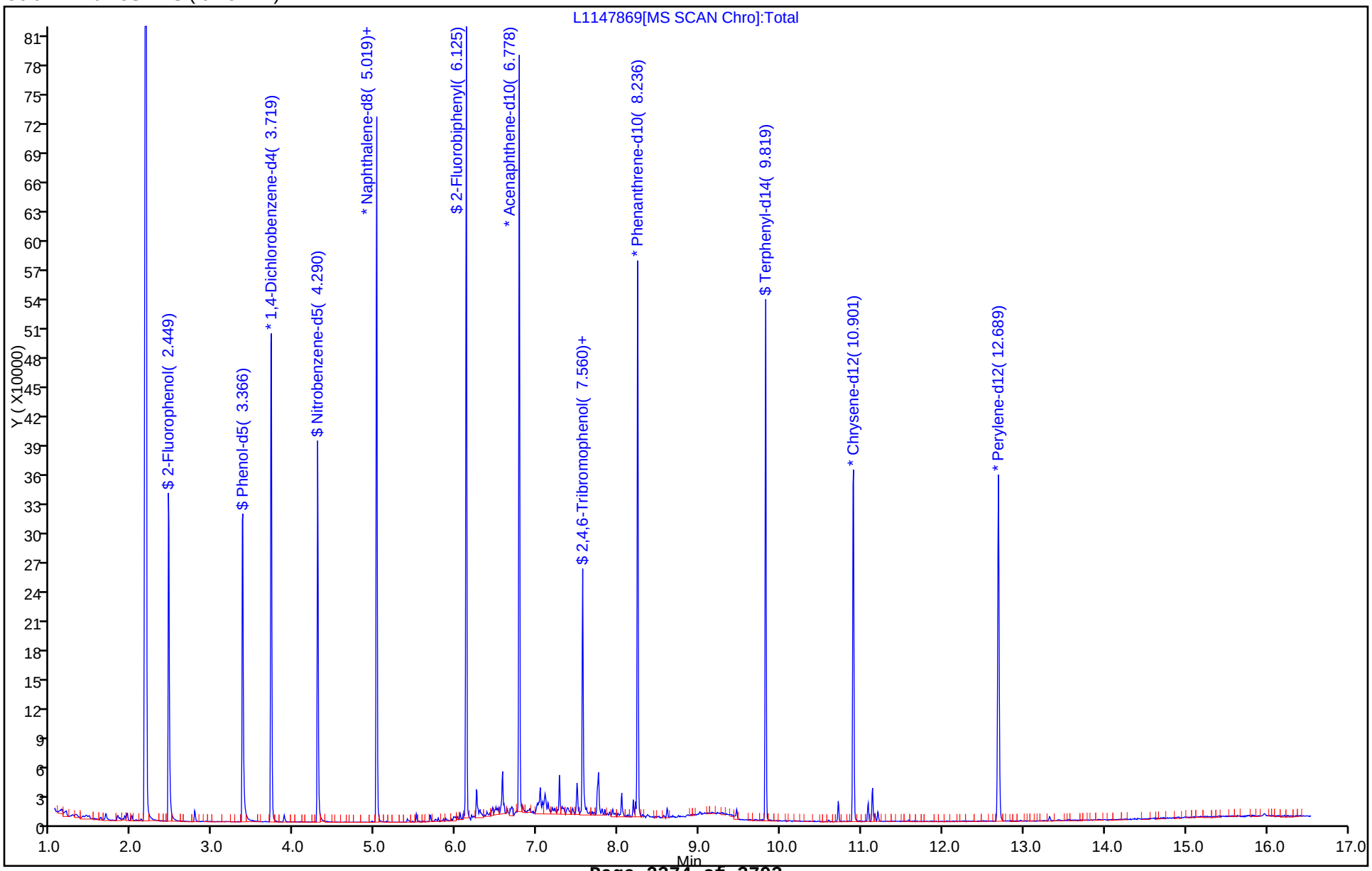
Report Date: 14-Mar-2014 10:01:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147869.D

Injection Date:	11-Mar-2014 20:31:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-72174-F-27-C	Lab Sample ID:	460-72174-27	Worklist Smp#:	12
Client ID:	PMP-28SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8270_12R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 14-Mar-2014 10:01:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147869.D

Injection Date: 11-Mar-2014 20:31:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-27-C Lab Sample ID: 460-72174-27

Client ID: PMP-28SW-SI

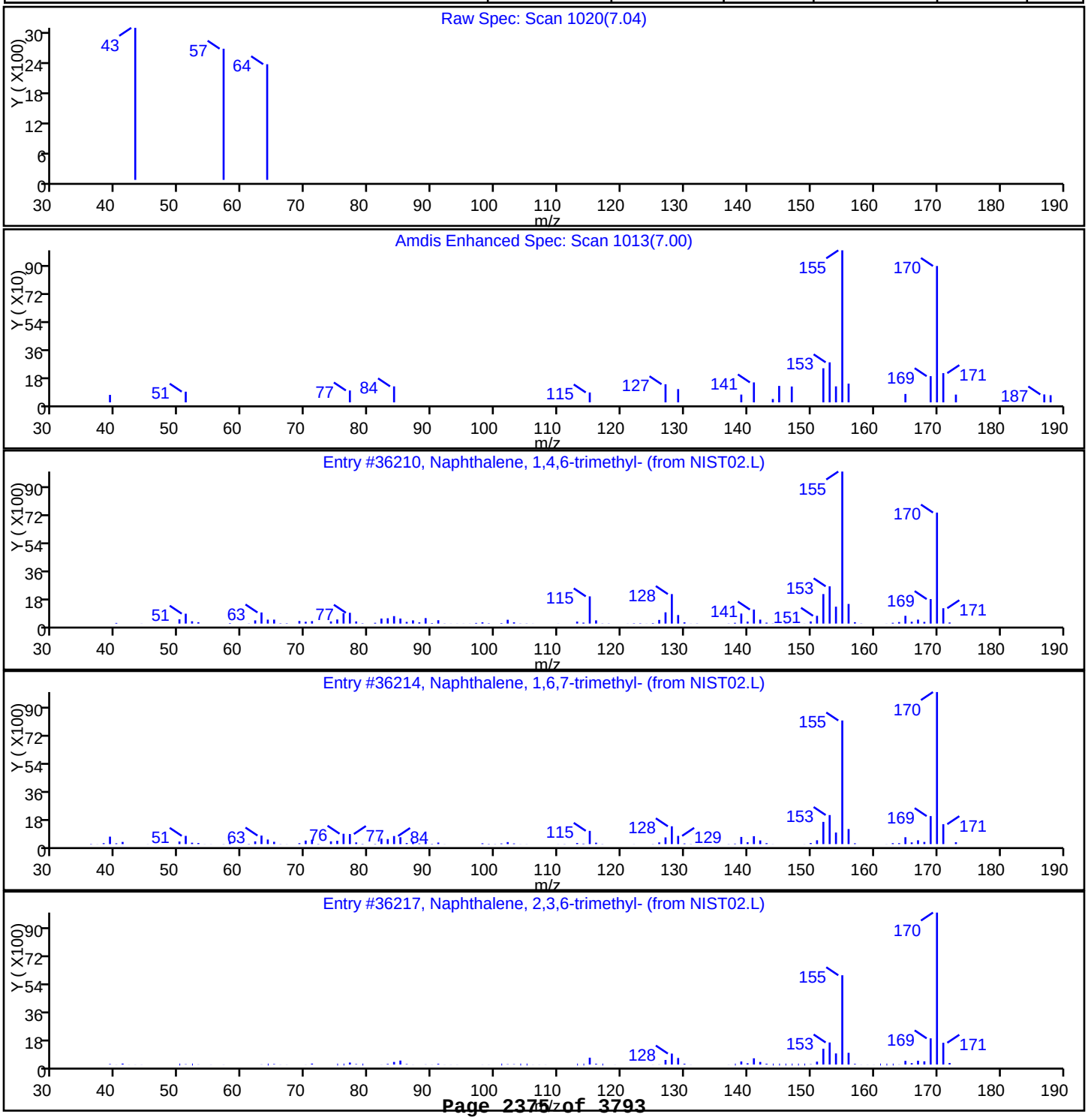
Operator ID: BNA 12 ALS Bottle#: 12 Worklist Smp#: 12

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.L	36210	C13H14	170	93
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36214	C13H14	170	90
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36217	C13H14	170	90



Report Date: 14-Mar-2014 10:01:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147869.D

Injection Date: 11-Mar-2014 20:31:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-27-C Lab Sample ID: 460-72174-27

Client ID: PMP-28SW-SI

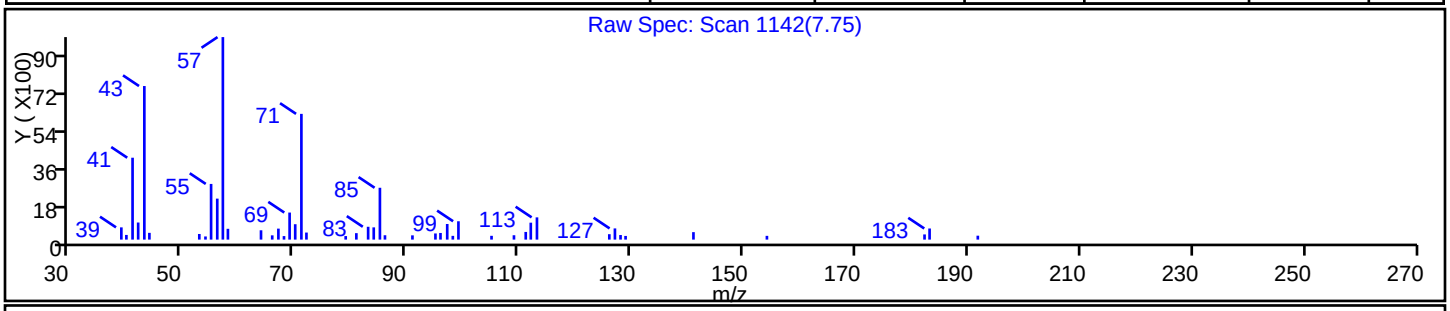
Operator ID: BNA 12 ALS Bottle#: 12 Worklist Smp#: 12

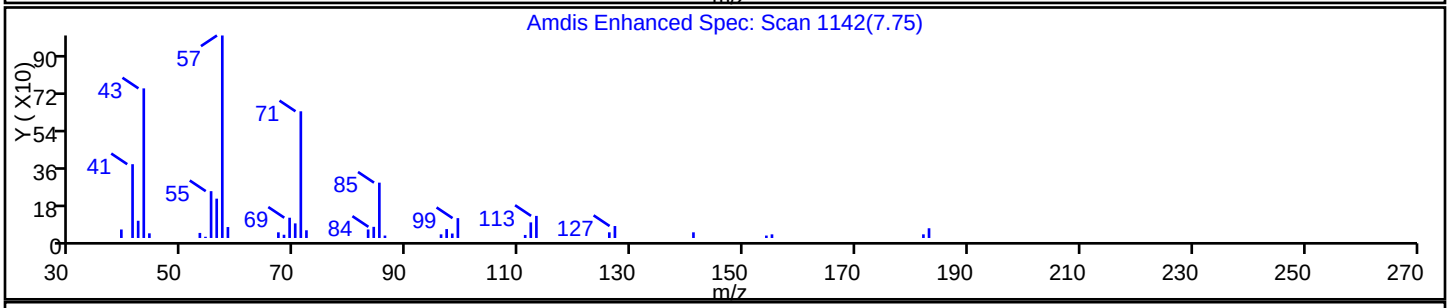
Injection Vol: 1.0 ul Dil. Factor: 1.0000

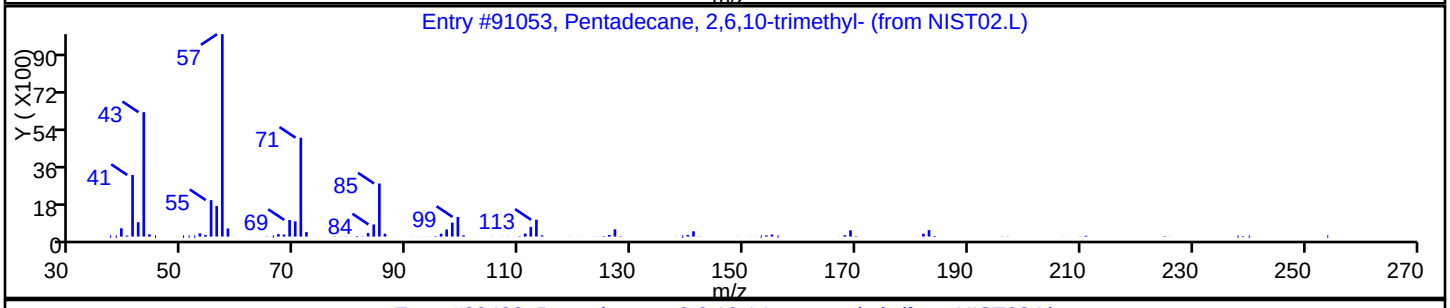
Method: 8270_12R Limit Group: SV 8270 ICAL

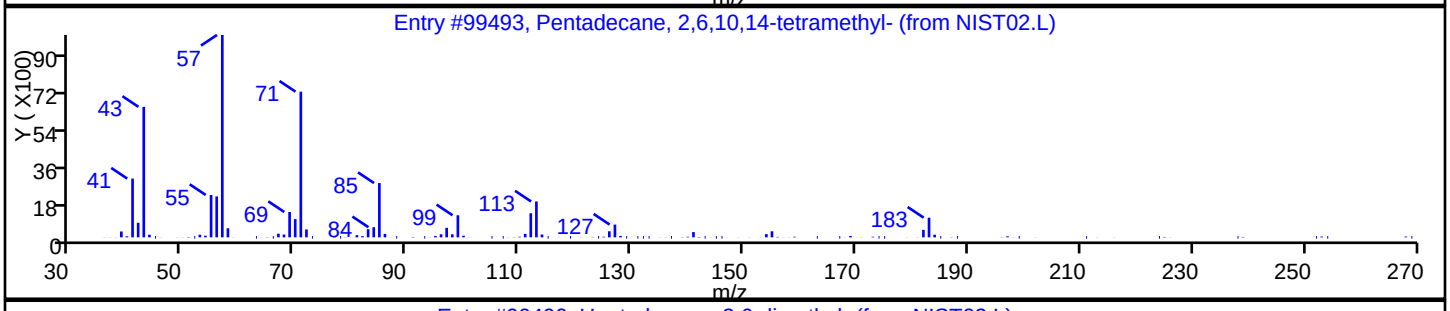
Column: Detector MS SCAN

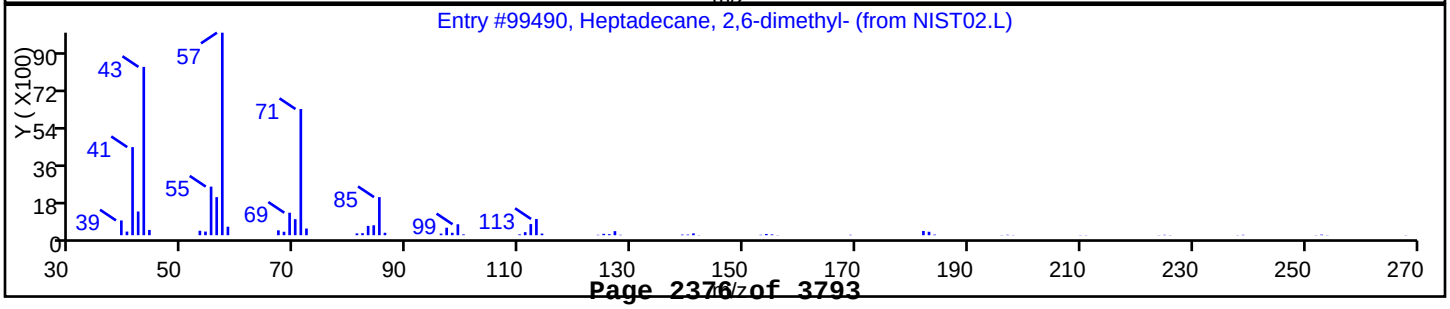
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	91
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99493	C19H40	268	90
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	C19H40	268	80











FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: FB-030614 | Lab Sample ID: 460-72174-28

Matrix: Water | Lab File ID: z8787.D

Analysis Method: 8270C | Date Collected: 03/06/2014 18:15

Extract. Method: 3510C | Date Extracted: 03/10/2014 09:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/13/2014 06:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212257 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.83	U	10	0.83
95-57-8	2-Chlorophenol	2.2	U	10	2.2
95-48-7	2-Methylphenol	1.8	U	10	1.8
106-44-5	4-Methylphenol	1.6	U	10	1.6
100-52-7	Benzaldehyde	2.0	U	10	2.0
98-86-2	Acetophenone	2.8	U	10	2.8
111-44-4	Bis(2-chloroethyl)ether	0.29	U	1.0	0.29
108-60-1	2,2'-oxybis[1-chloropropane]	2.0	U	10	2.0
621-64-7	N-Nitrosodi-n-propylamine	0.26	U	1.0	0.26
98-95-3	Nitrobenzene	0.31	U	1.0	0.31
67-72-1	Hexachloroethane	0.26	U	1.0	0.26
78-59-1	Isophorone	2.8	U	10	2.8
88-75-5	2-Nitrophenol	2.4	U	10	2.4
105-67-9	2,4-Dimethylphenol	3.5	U	10	3.5
120-83-2	2,4-Dichlorophenol	2.7	U	10	2.7
111-91-1	Bis(2-chloroethoxy)methane	2.7	U	10	2.7
91-20-3	Naphthalene	2.8	U	10	2.8
106-47-8	4-Chloroaniline	2.0	U	10	2.0
87-68-3	Hexachlorobutadiene	0.58	U	2.0	0.58
105-60-2	Caprolactam	2.6	U	10	2.6
59-50-7	4-Chloro-3-methylphenol	2.6	U	10	2.6
91-57-6	2-Methylnaphthalene	3.1	U	10	3.1
118-74-1	Hexachlorobenzene	0.30	U	1.0	0.30
77-47-4	Hexachlorocyclopentadiene	1.7	U	10	1.7
88-06-2	2,4,6-Trichlorophenol	2.4	U	10	2.4
95-95-4	2,4,5-Trichlorophenol	2.7	U	10	2.7
92-52-4	Diphenyl	2.9	U	10	2.9
91-58-7	2-Chloronaphthalene	2.8	U	10	2.8
88-74-4	2-Nitroaniline	5.0	U	10	5.0
606-20-2	2,6-Dinitrotoluene	0.62	U	2.0	0.62
131-11-3	Dimethyl phthalate	2.9	U	10	2.9
208-96-8	Acenaphthylene	2.8	U	10	2.8
99-09-2	3-Nitroaniline	5.1	U	10	5.1
83-32-9	Acenaphthene	2.8	U	10	2.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: FB-030614 | Lab Sample ID: 460-72174-28

Matrix: Water | Lab File ID: z8787.D

Analysis Method: 8270C | Date Collected: 03/06/2014 18:15

Extract. Method: 3510C | Date Extracted: 03/10/2014 09:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/13/2014 06:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212257 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6.8	U	20	6.8
51-28-5	2,4-Dinitrophenol	5.5	U	20	5.5
132-64-9	Dibenzofuran	2.9	U	10	2.9
84-66-2	Diethyl phthalate	3.0	U	10	3.0
86-73-7	Fluorene	2.9	U	10	2.9
206-44-0	Fluoranthene	3.3	U	10	3.3
84-74-2	Di-n-butyl phthalate	3.0	U	10	3.0
121-14-2	2,4-Dinitrotoluene	0.48	U	2.0	0.48
7005-72-3	4-Chlorophenyl phenyl ether	2.6	U	10	2.6
100-01-6	4-Nitroaniline	5.9	U	10	5.9
534-52-1	4,6-Dinitro-2-methylphenol	4.8	U	20	4.8
101-55-3	4-Bromophenyl phenyl ether	2.6	U	10	2.6
1912-24-9	Atrazine	3.1	U	10	3.1
120-12-7	Anthracene	2.9	U	10	2.9
86-74-8	Carbazole	3.3	U	10	3.3
85-01-8	Phenanthrene	3.2	U	10	3.2
87-86-5	Pentachlorophenol	5.4	U	20	5.4
129-00-0	Pyrene	3.0	U	10	3.0
218-01-9	Chrysene	3.2	U	10	3.2
207-08-9	Benzo[k]fluoranthene	0.27	U	1.0	0.27
191-24-2	Benzo[g,h,i]perylene	2.0	U	10	2.0
205-99-2	Benzo[b]fluoranthene	0.27	U	1.0	0.27
50-32-8	Benzo[a]pyrene	0.14	U	1.0	0.14
56-55-3	Benzo[a]anthracene	0.28	U	1.0	0.28
86-30-6	N-Nitrosodiphenylamine	3.0	U	10	3.0
85-68-7	Butyl benzyl phthalate	2.6	U	10	2.6
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	10	2.0
117-84-0	Di-n-octyl phthalate	1.5	U	10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	0.15	U	1.0	0.15
53-70-3	Dibenz(a,h)anthracene	0.092	U	1.0	0.092
91-94-1	3,3'-Dichlorobenzidine	5.0	U	10	5.0
95-94-3	1,2,4,5-Tetrachlorobenzene	2.7	U	10	2.7
58-90-2	2,3,4,6-Tetrachlorophenol	2.6	U	10	2.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: FB-030614 | Lab Sample ID: 460-72174-28

Matrix: Water | Lab File ID: z8787.D

Analysis Method: 8270C | Date Collected: 03/06/2014 18:15

Extract. Method: 3510C | Date Extracted: 03/10/2014 09:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/13/2014 06:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212257 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	81		46-122
367-12-4	2-Fluorophenol	30		10-65
4165-62-2	Phenol-d5	16		10-48
4165-60-0	Nitrobenzene-d5	75		56-112
321-60-8	2-Fluorobiphenyl	71		53-108
1718-51-0	Terphenyl-d14	75		50-122

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: FB-030614 | Lab Sample ID: 460-72174-28

Matrix: Water | Lab File ID: z8787.D

Analysis Method: 8270C | Date Collected: 03/06/2014 18:15

Extract. Method: 3510C | Date Extracted: 03/10/2014 09:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/13/2014 06:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212257 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Report Date: 14-Mar-2014 09:17:21 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8787.D
Lims ID: 460-72174-H-28-A Lab Sample ID: 460-72174-28
Client ID: FB-030614
Sample Type: Client
Inject. Date: 13-Mar-2014 06:51:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010789-015
Operator ID: Instrument ID: CBNAMS11

Method: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\8270_11R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 09:17:08 Calib Date: 04-Mar-2014 06:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS11\20140304-10400.b\z8451.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: croccom Date: 13-Mar-2014 11:23:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.485	2.485	0.0	95	154028	15.0	
$ 6 Phenol-d5	99	3.397	3.414	-0.017	71	94528	8.04	
* 13 1,4-Dichlorobenzene-d4	152	3.697	3.697	0.0	98	320857	40.0	
$ 25 Nitrobenzene-d5	82	4.267	4.273	-0.006	90	364631	37.7	
* 35 Naphthalene-d8	136	4.991	4.991	0.0	99	1100275	40.0	
$ 48 2-Fluorobiphenyl	172	6.085	6.091	-0.006	98	639540	35.4	
* 61 Acenaphthene-d10	164	6.738	6.743	-0.005	91	503911	40.0	
$ 76 2,4,6-Tribromophenol	330	7.514	7.520	-0.006	95	67008	40.6	
* 83 Phenanthrene-d10	188	8.185	8.185	-0.001	98	626553	40.0	
$ 91 Terphenyl-d14	244	9.755	9.755	0.0	98	291108	37.6	
* 96 Chrysene-d12	240	10.808	10.808	0.0	99	300408	40.0	
* 103 Perylene-d12	264	12.543	12.543	0.0	99	211058	40.0	

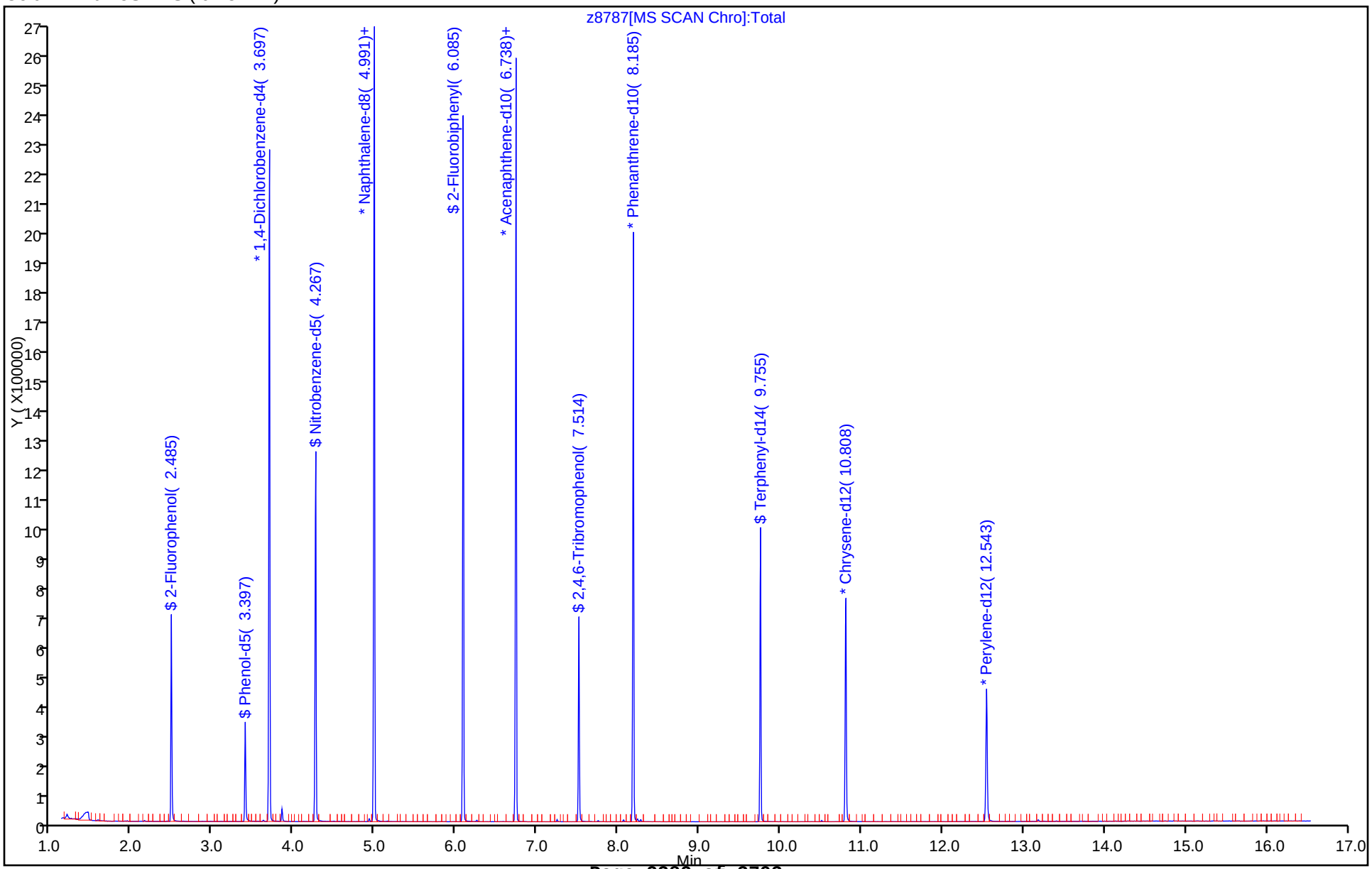
Report Date: 14-Mar-2014 09:17:21 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8787.D

Injection Date:	13-Mar-2014 06:51:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-72174-H-28-A	Lab Sample ID:	460-72174-28	Worklist Smp#:	15
Client ID:	FB-030614				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8270_11R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-WT DL | Lab Sample ID: 460-72174-29 DL

Matrix: Solid | Lab File ID: L1147877.D

Analysis Method: 8270C | Date Collected: 03/06/2014 12:35

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 23:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	500	U	3700	500
95-57-8	2-Chlorophenol	490	U	3700	490
95-48-7	2-Methylphenol	630	U	3700	630
106-44-5	4-Methylphenol	730	U	3700	730
100-52-7	Benzaldehyde	440	U	3700	440
98-86-2	Acetophenone	570	U	3700	570
111-44-4	Bis(2-chloroethyl)ether	51	U	370	51
108-60-1	2,2'-oxybis[1-chloropropane]	410	U	3700	410
621-64-7	N-Nitrosodi-n-propylamine	62	U	370	62
98-95-3	Nitrobenzene	53	U *	370	53
67-72-1	Hexachloroethane	41	U	370	41
78-59-1	Isophorone	450	U	3700	450
88-75-5	2-Nitrophenol	410	U	3700	410
105-67-9	2,4-Dimethylphenol	920	U	3700	920
120-83-2	2,4-Dichlorophenol	540	U	3700	540
111-91-1	Bis(2-chloroethoxy)methane	480	U	3700	480
91-20-3	Naphthalene	1500	J D	3700	430
106-47-8	4-Chloroaniline	4900	D	3700	980
87-68-3	Hexachlorobutadiene	91	U	750	91
105-60-2	Caprolactam	850	U	3700	850
59-50-7	4-Chloro-3-methylphenol	560	U	3700	560
91-57-6	2-Methylnaphthalene	9700	D	3700	480
118-74-1	Hexachlorobenzene	51	U	370	51
77-47-4	Hexachlorocyclopentadiene	440	U	3700	440
88-06-2	2,4,6-Trichlorophenol	430	U	3700	430
95-95-4	2,4,5-Trichlorophenol	480	U	3700	480
92-52-4	Diphenyl	2400	J D	3700	500
91-58-7	2-Chloronaphthalene	410	U	3700	410
88-74-4	2-Nitroaniline	1500	U	3700	1500
606-20-2	2,6-Dinitrotoluene	110	U	750	110
131-11-3	Dimethyl phthalate	440	U	3700	440
208-96-8	Acenaphthylene	440	U	3700	440
99-09-2	3-Nitroaniline	1300	U	3700	1300
83-32-9	Acenaphthene	1000	J D	3700	540

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-WT DL | Lab Sample ID: 460-72174-29 DL

Matrix: Solid | Lab File ID: L1147877.D

Analysis Method: 8270C | Date Collected: 03/06/2014 12:35

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 23:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	2400	U	3700	2400
51-28-5	2,4-Dinitrophenol	2100	U	7500	2100
132-64-9	Dibenzofuran	440	U	3700	440
84-66-2	Diethyl phthalate	440	U	3700	440
86-73-7	Fluorene	650	J D	3700	470
206-44-0	Fluoranthene	490	U	3700	490
84-74-2	Di-n-butyl phthalate	460	U	3700	460
121-14-2	2,4-Dinitrotoluene	120	U	750	120
7005-72-3	4-Chlorophenyl phenyl ether	440	U	3700	440
100-01-6	4-Nitroaniline	1200	U	7500	1200
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	7500	1000
101-55-3	4-Bromophenyl phenyl ether	370	U	3700	370
1912-24-9	Atrazine	570	U	3700	570
120-12-7	Anthracene	450	U	3700	450
86-74-8	Carbazole	440	U	3700	440
85-01-8	Phenanthrene	470	U	3700	470
87-86-5	Pentachlorophenol	1100	U	7500	1100
129-00-0	Pyrene	310	U	3700	310
218-01-9	Chrysene	430	U	3700	430
207-08-9	Benzo[k]fluoranthene	28	U	370	28
191-24-2	Benzo[g,h,i]perylene	270	U	3700	270
205-99-2	Benzo[b]fluoranthene	23	U	370	23
50-32-8	Benzo[a]pyrene	26	U	370	26
56-55-3	Benzo[a]anthracene	26	U	370	26
86-30-6	N-Nitrosodiphenylamine	370	U	3700	370
85-68-7	Butyl benzyl phthalate	340	U	3700	340
117-81-7	Bis(2-ethylhexyl) phthalate	1200	U	3700	1200
117-84-0	Di-n-octyl phthalate	240	U	3700	240
193-39-5	Indeno[1,2,3-cd]pyrene	69	U	370	69
53-70-3	Dibenz(a,h)anthracene	47	U	370	47
91-94-1	3,3'-Dichlorobenzidine	1300	U	3700	1300
95-94-3	1,2,4,5-Tetrachlorobenzene	500	U	3700	500
58-90-2	2,3,4,6-Tetrachlorophenol	480	U	3700	480

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-WT DL Lab Sample ID: 460-72174-29 DL

Matrix: Solid Lab File ID: L1147877.D

Analysis Method: 8270C Date Collected: 03/06/2014 12:35

Extract. Method: 3541 Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) Date Analyzed: 03/11/2014 23:48

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	0	D	40-106
4165-62-2	Phenol-d5	0	D	44-104
1718-51-0	Terphenyl-d14	0	D	41-145
118-79-6	2,4,6-Tribromophenol	0	D	19-114
367-12-4	2-Fluorophenol	0	D	39-103
321-60-8	2-Fluorobiphenyl	0	D	49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-WT DL | Lab Sample ID: 460-72174-29 DL

Matrix: Solid | Lab File ID: L1147877.D

Analysis Method: 8270C | Date Collected: 03/06/2014 12:35

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 23:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 700800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
88-73-3	Benzene, 1-chloro-2-nitro-	5.41	330000	D J N
89-61-2	Benzene, 1,4-dichloro-2-nitro-	6.27	34000	D J N
13029-08-8	1,1'-Biphenyl, 2,2'-dichloro-	7.44	78000	D J N
16605-91-7	1,1'-Biphenyl, 2,3-dichloro-	7.77	6700	D J N
16605-91-7	1,1'-Biphenyl, 2,3-dichloro-	7.84	17000	D J N
2050-68-2	1,1'-Biphenyl, 4,4'-dichloro-	8.26	8000	D J N
37680-65-2	1,1'-Biphenyl, 2,2',5-trichloro-	8.36	13000	D J N
55702-46-0	1,1'-Biphenyl, 2,3,4-trichloro-	8.53	5100	D J N
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	8.62	33000	D J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.68	16000	D J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.75	11000	D J N
52663-58-8	1,1'-Biphenyl, 2,3,4',6-tetrachloro-	8.88	9500	D J N
52663-59-9	1,1'-Biphenyl, 2,2',3,4-tetrachloro-	8.91	12000	D J N
35693-99-3	1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	9.04	13000	D J N
32598-12-2	1,1'-Biphenyl, 2,4,4',6-tetrachloro-	9.14	14000	D J N
32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	9.33	6500	D J N
41464-42-0	1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	9.39	20000	D J N
32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	9.51	11000	D J N
31508-00-6	1,1'-Biphenyl, 2,3',4,4',5-pentachloro-	9.76	31000	D J N
55312-69-1	1,1'-Biphenyl, 2,2',3,4,5-Pentachloro-	9.83	32000	D J N

Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D
Lims ID: 460-72174-F-29-C Lab Sample ID: 460-72174-29
Client ID: PMP-24SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 23:48:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0010722-020
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 10:01:35 Calib Date: 05-Mar-2014 23:36:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147714.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: croccom Date: 12-Mar-2014 09:00:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
* 13 1,4-Dichlorobenzene-d4	152	3.713	3.713	0.0	95	61079	40.0	
* 35 Naphthalene-d8	136	5.019	5.019	0.0	99	201754	40.0	
36 Naphthalene	128	5.042	5.043	-0.001	59	9333	1.97	
37 4-Chloroaniline	127	5.125	5.119	0.006	89	12065	6.61	
41 2-Methylnaphthalene	142	5.748	5.748	0.0	85	40133	13.0	
44 1,2,4,5-Tetrachlorobenzene	216	5.925	5.919	0.006	10	602	0.4392	
49 1,1'-Biphenyl	154	6.219	6.219	0.0	86	10819	3.21	
* 61 Acenaphthene-d10	164	6.778	6.778	0.0	92	91014	40.0	
62 Acenaphthene	154	6.813	6.813	0.0	51	3218	1.36	
70 Fluorene	166	7.325	7.325	0.0	34	2339	0.8662	
* 83 Phenanthrene-d10	188	8.207	8.242	-0.035	52	273263	40.0	
* 96 Chrysene-d12	240	10.901	10.907	-0.006	99	212569	40.0	
* 103 Perylene-d12	264	12.689	12.695	-0.006	98	254545	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D
Lims ID: 460-72174-F-29-C Lab Sample ID: 460-72174-29
Client ID: PMP-24SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 23:48:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0010722-020
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 10:01:35 Calib Date: 05-Mar-2014 23:36:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: croccom Date: 12-Mar-2014 09:00:02

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
88-73-3 Benzene, 1-chloro-2-nitro-								
5.413	4946658	441.1	35	98	27936	C6H4ClNO2	157	
89-61-2 Benzene, 1,4-dichloro-2-nitro-								
6.266	898845	45.1	61	99	49909	C6H3Cl2NO2	191	
13029-08-8 1,1'-Biphenyl, 2,2'-dichloro-								
7.442	2081654	104.4	61	99	70596	C12H8Cl2	222	
16605-91-7 1,1'-Biphenyl, 2,3-dichloro-								
7.772	1786928	9.03	83	99	70592	C12H8Cl2	222	
16605-91-7 1,1'-Biphenyl, 2,3-dichloro-								
7.842	4499937	22.7	83	99	70592	C12H8Cl2	222	
2050-68-2 1,1'-Biphenyl, 4,4'-dichloro-								
8.260	2105798	10.6	83	99	70604	C12H8Cl2	222	
37680-65-2 1,1'-Biphenyl, 2,2',5-trichloro-								
8.360	3368793	17.0	83	99	91786	C12H7Cl3	256	
55702-46-0 1,1'-Biphenyl, 2,3,4-trichloro-								
8.525	1355027	6.84	83	98	91782	C12H7Cl3	256	
7012-37-5 1,1'-Biphenyl, 2,4,4'-trichloro-								
8.619	8701188	44.0	83	99	91796	C12H7Cl3	256	
16606-02-3 1,1'-Biphenyl, 2,4',5-trichloro-								
8.683	4199206	21.2	83	99	91798	C12H7Cl3	256	
16606-02-3 1,1'-Biphenyl, 2,4',5-trichloro-								
8.748	2814786	14.2	83	99	91798	C12H7Cl3	256	
52663-58-8 1,1'-Biphenyl, 2,3,4',6-tetrachloro-								
8.878	2508815	12.7	83	99	111709	C12H6Cl4	290	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	52663-59-9	1,1'-Biphenyl, 2,2',3,4-tetrachloro-						
8.913	3218566	16.3	83	99	111710	C12H6Cl4	290	
	35693-99-3	1,1'-Biphenyl, 2,2',5,5'-tetrachloro-						
9.042	3385135	17.1	83	99	111741	C12H6Cl4	290	
	32598-12-2	1,1'-Biphenyl, 2,4,4',6-tetrachloro-						
9.142	3696845	18.7	83	99	111716	C12H6Cl4	290	
	32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-						
9.330	1731040	8.74	83	99	111742	C12H6Cl4	290	
	41464-42-0	1,1'-Biphenyl, 2,3',5,5'-tetrachloro-						
9.389	5179600	26.2	83	99	111739	C12H6Cl4	290	
	32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-						
9.513	2958995	14.9	83	99	111742	C12H6Cl4	290	
	31508-00-6	1,1'-Biphenyl, 2,3',4,4',5-pentachloro-						
9.760	589161	41.2	96	99	129500	C12H5Cl5	324	
	55312-69-1	1,1'-Biphenyl, 2,2',3,4,5-Pentachloro-						
9.830	617850	43.2	96	99	129478	C12H5Cl5	324	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 35 Naphthalene-d8	5.019	448529	40.0
* 61 Acenaphthene-d10	6.778	797840	40.0
* 83 Phenanthrene-d10	8.207	7918502	40.0
* 96 Chrysene-d12	10.901	572625	40.0

QC Flag Legend

Processing Flags

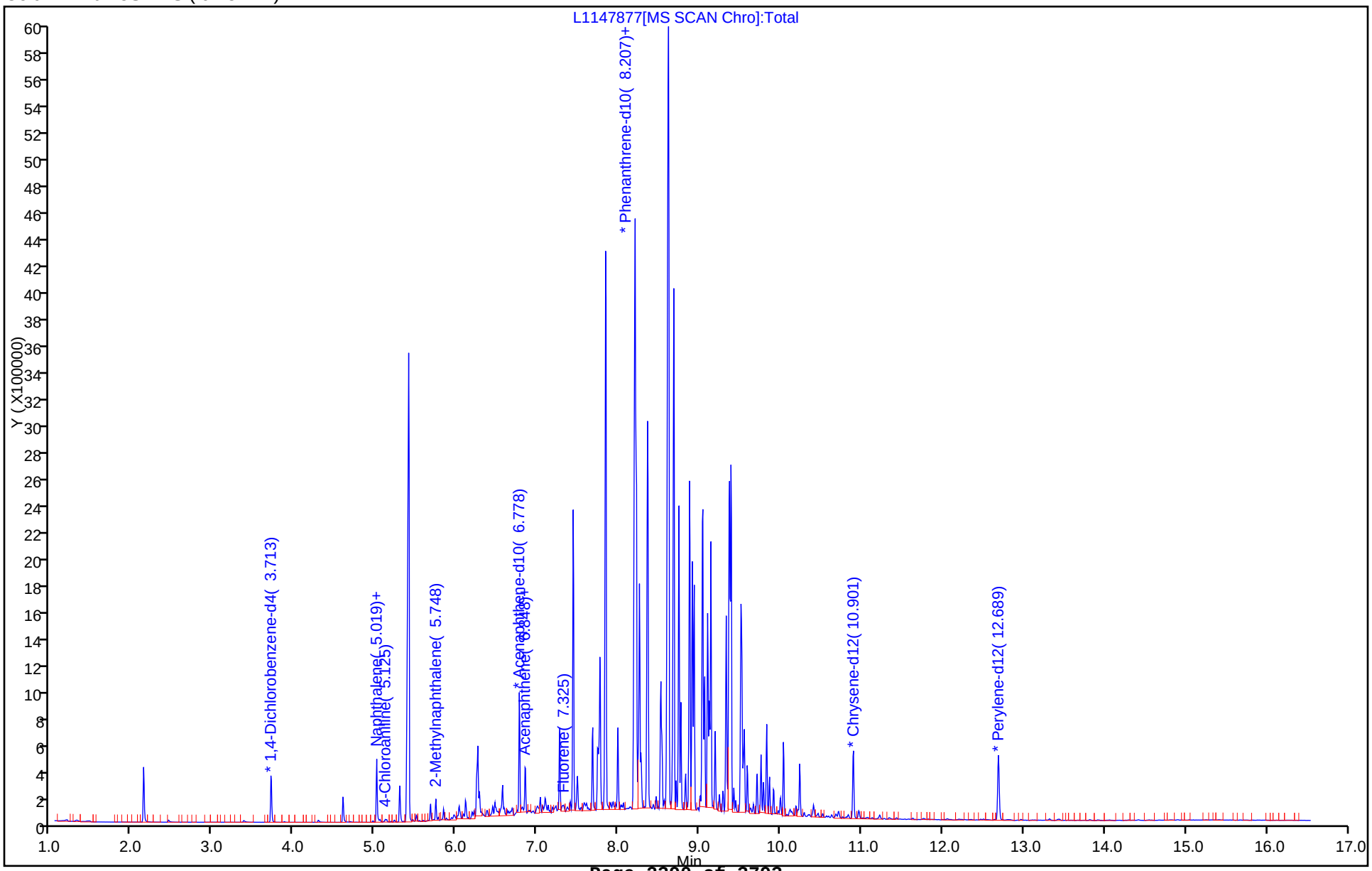
Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date:	11-Mar-2014 23:48:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-72174-F-29-C	Lab Sample ID:	460-72174-29	Worklist Smp#:	20
Client ID:	PMP-24SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	10.0000	ALS Bottle#:	20
Method:	8270_12R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



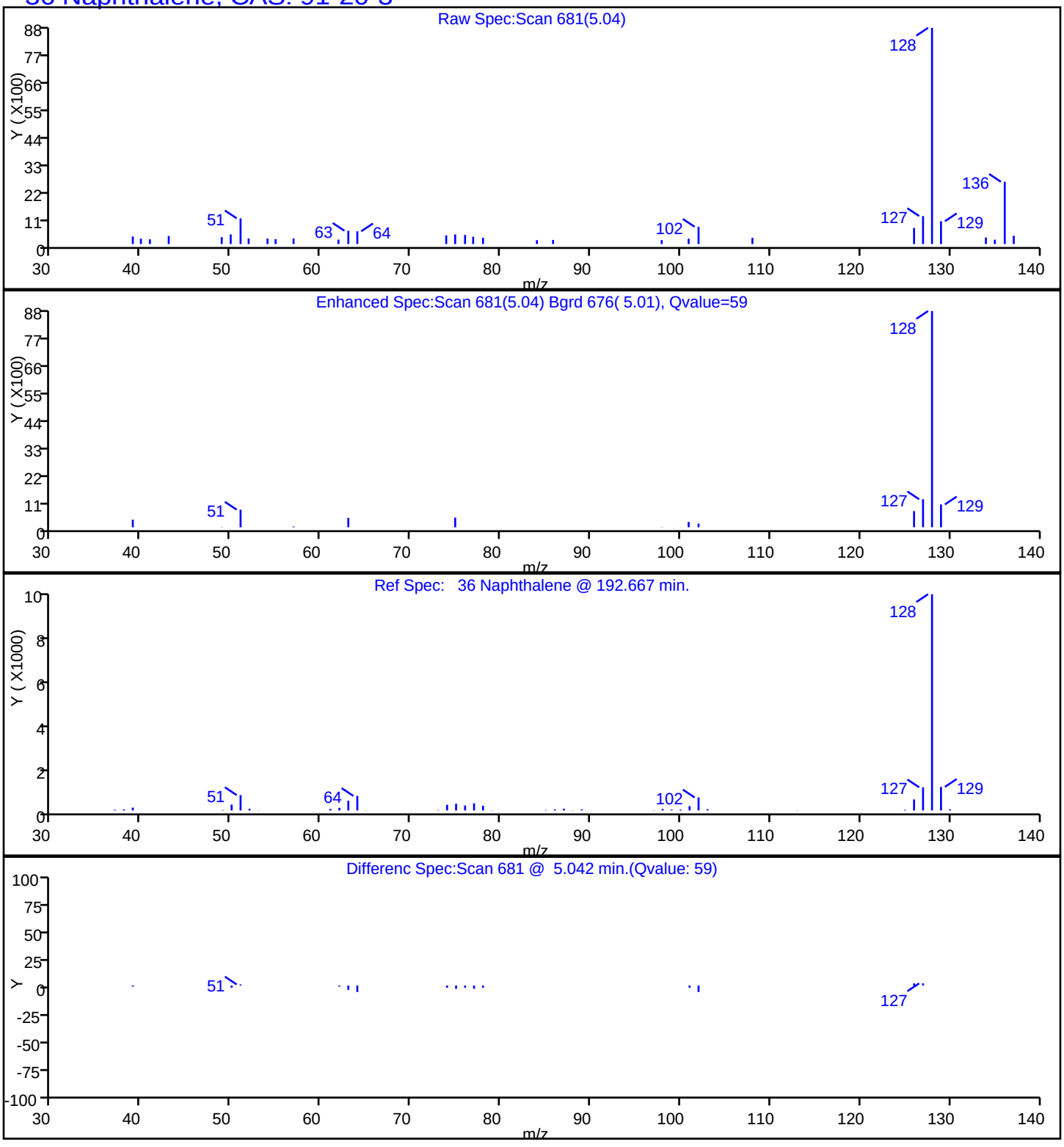
Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date:	11-Mar-2014 23:48:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-29-C	Lab Sample ID:	460-72174-29		
Client ID:	PMP-24SW-WT				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

36 Naphthalene, CAS: 91-20-3



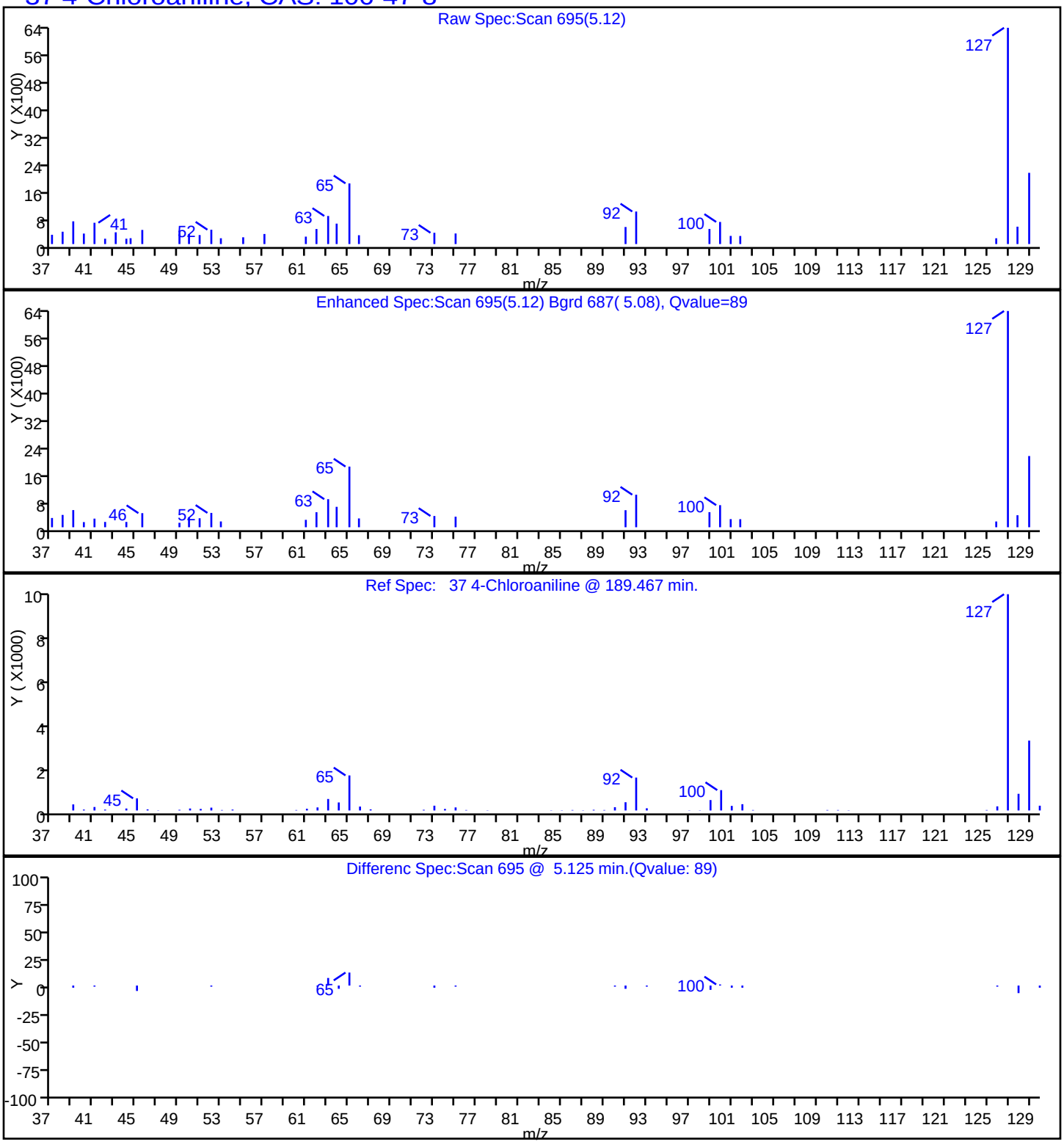
Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date:	11-Mar-2014 23:48:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-29-C	Lab Sample ID:	460-72174-29		
Client ID:	PMP-24SW-WT				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

37 4-Chloroaniline, CAS: 106-47-8

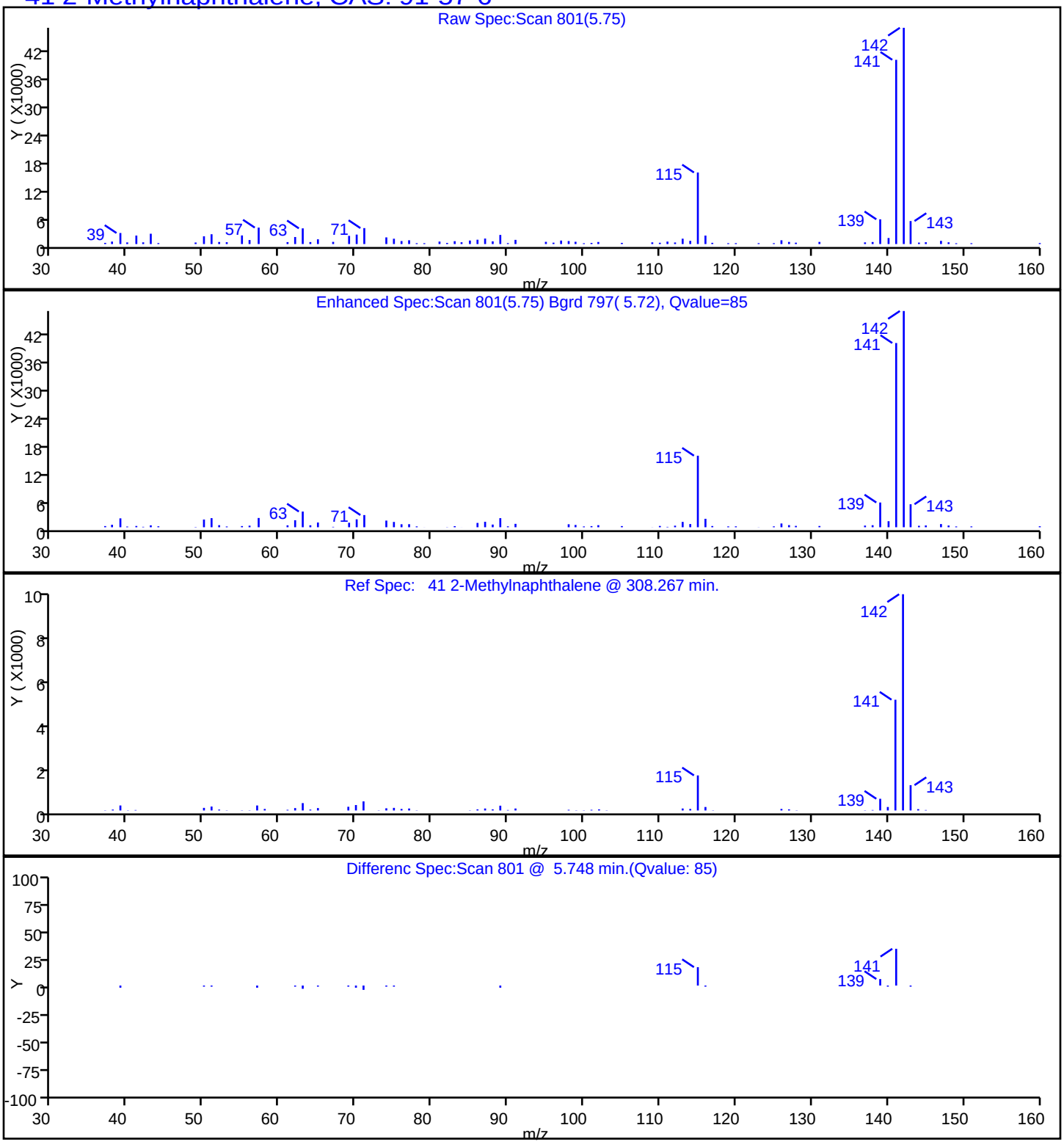


Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D				
Injection Date:	11-Mar-2014 23:48:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-29-C	Lab Sample ID:	460-72174-29		
Client ID:	PMP-24SW-WT				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

41 2-Methylnaphthalene, CAS: 91-57-6



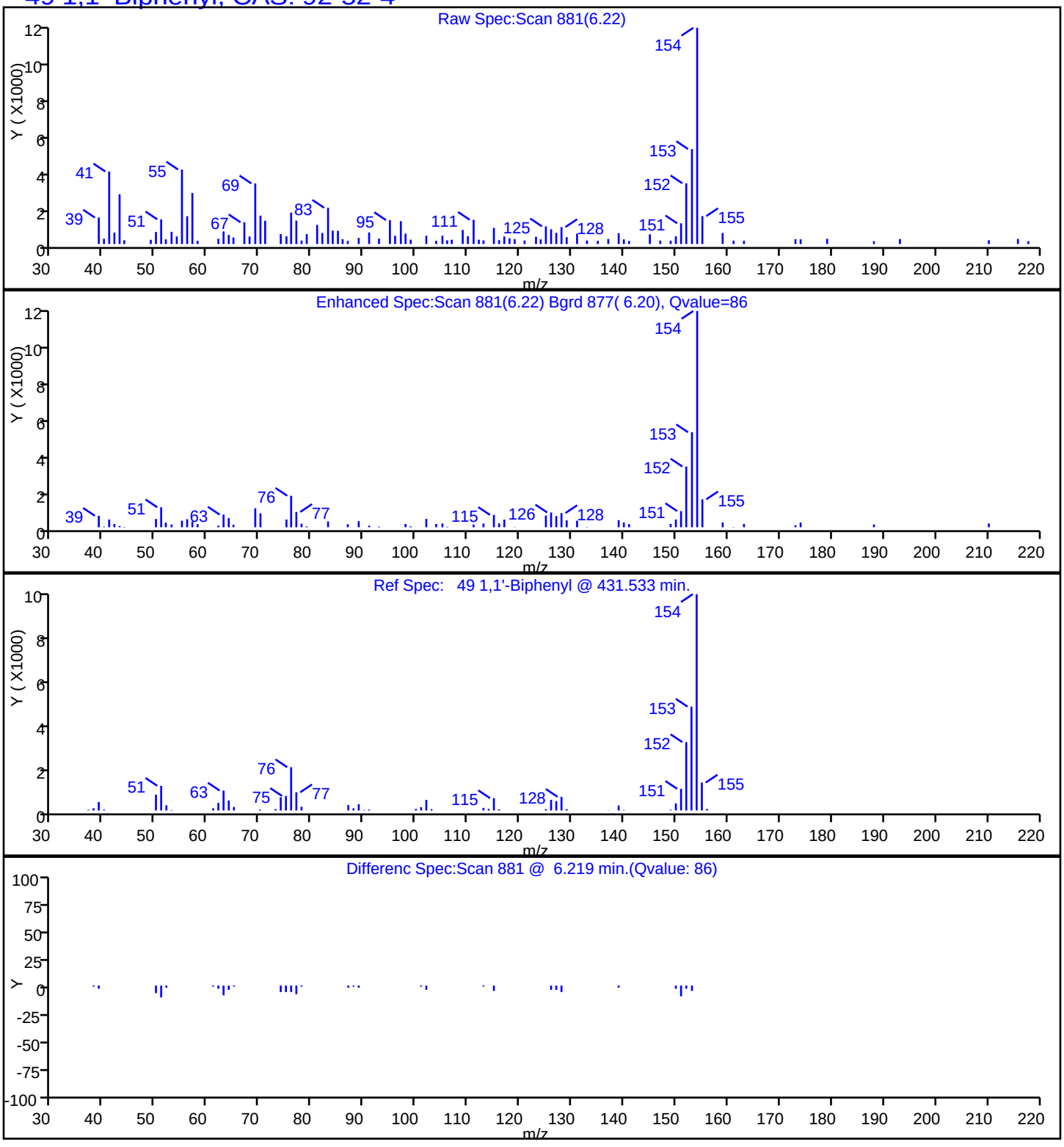
Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date:	11-Mar-2014 23:48:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-29-C	Lab Sample ID:	460-72174-29		
Client ID:	PMP-24SW-WT				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

49 1,1'-Biphenyl, CAS: 92-52-4



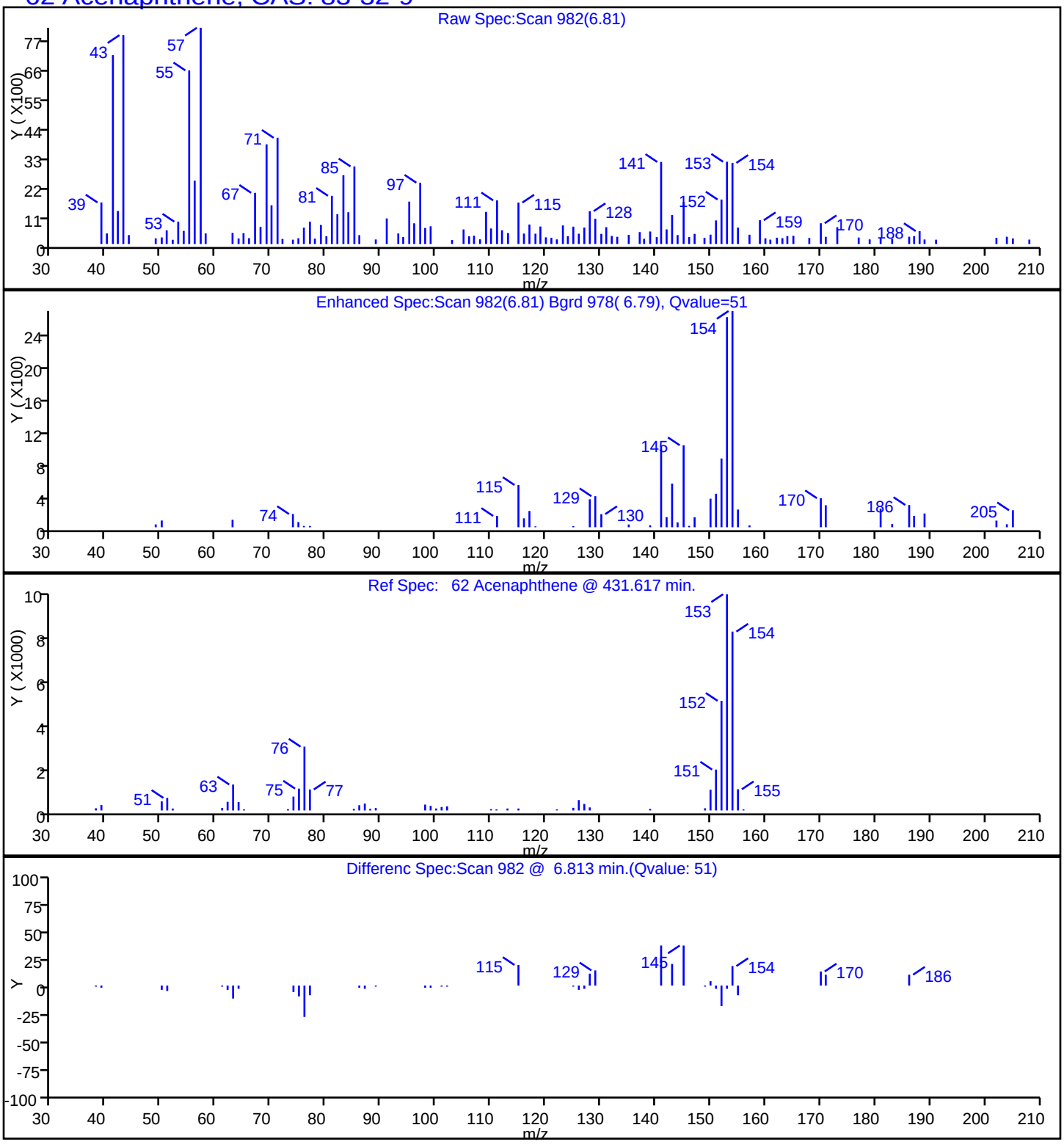
Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date:	11-Mar-2014 23:48:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-29-C	Lab Sample ID:	460-72174-29		
Client ID:	PMP-24SW-WT				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthene, CAS: 83-32-9



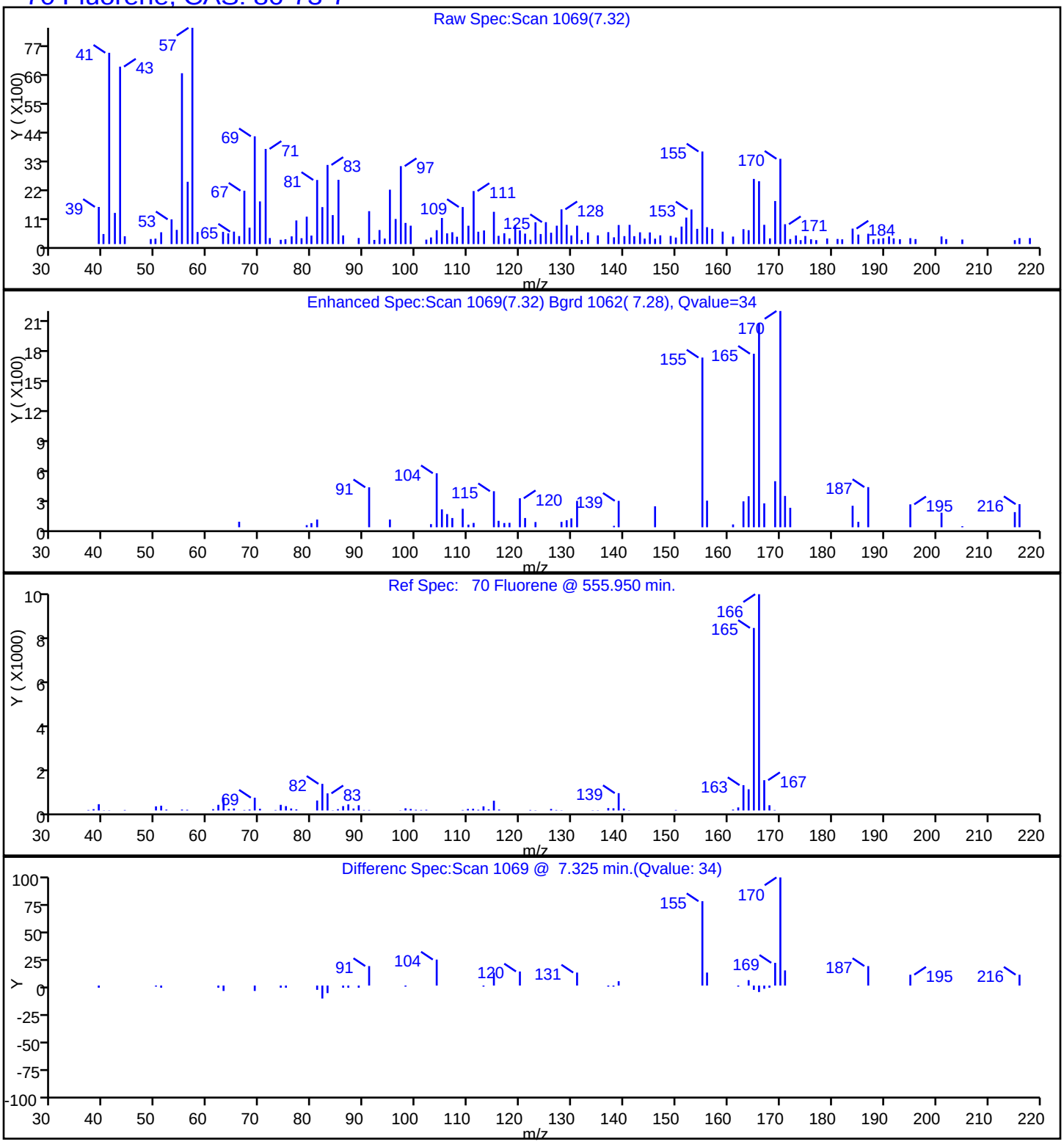
Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date:	11-Mar-2014 23:48:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-29-C	Lab Sample ID:	460-72174-29		
Client ID:	PMP-24SW-WT				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

70 Fluorene, CAS: 86-73-7



Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date: 11-Mar-2014 23:48:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-29-C Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

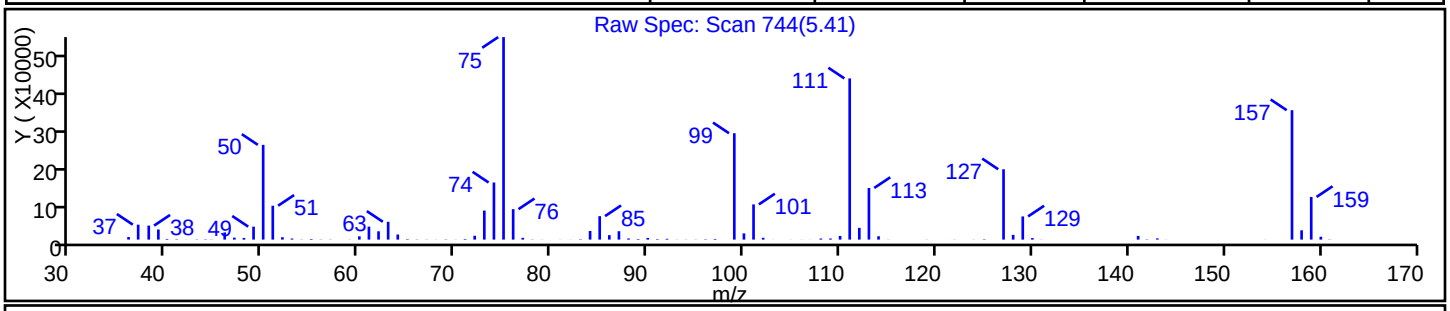
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 20

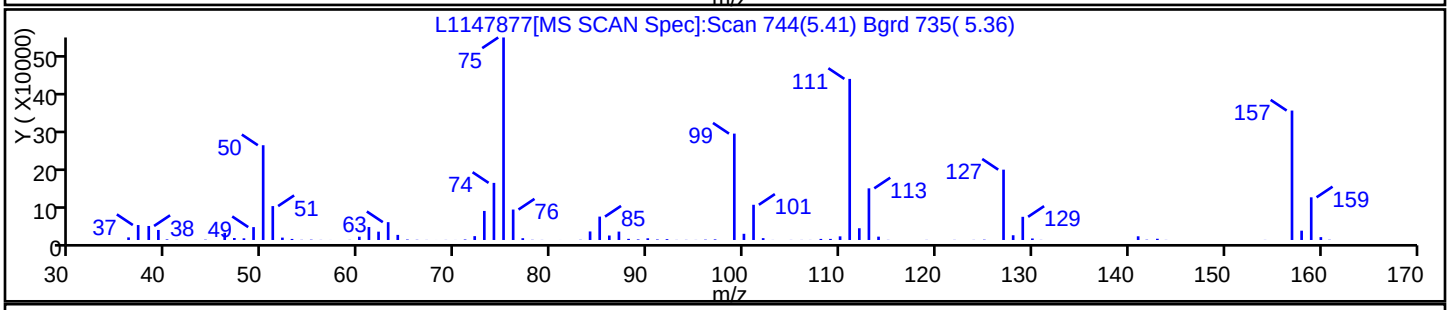
Injection Vol: 1.0 ul Dil. Factor: 10.0000

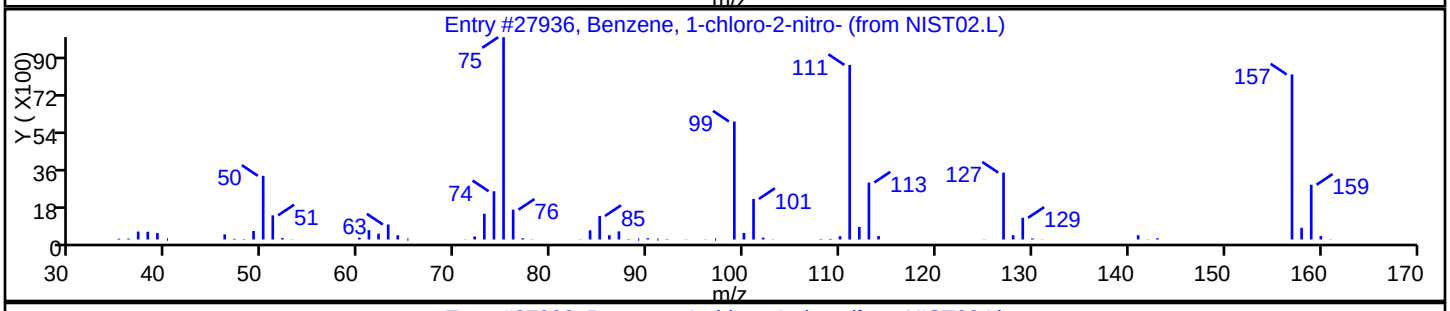
Method: 8270_12R Limit Group: SV 8270 ICAL

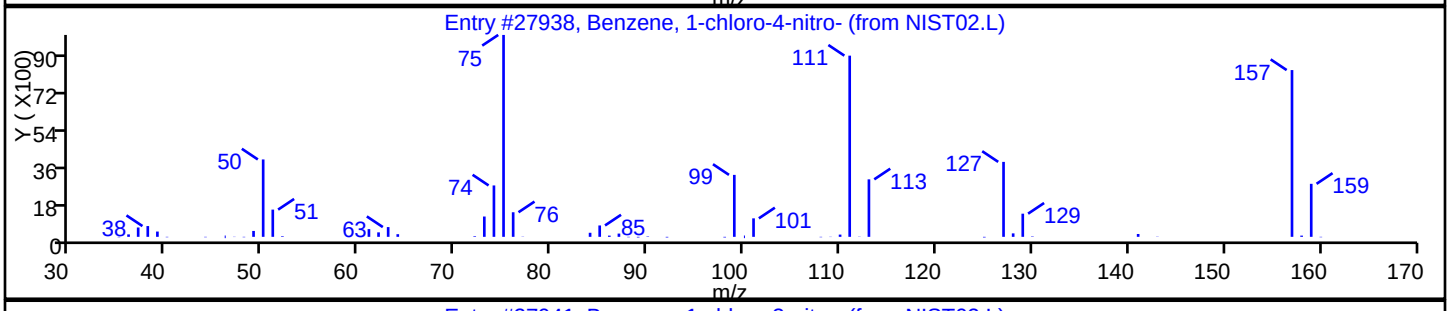
Column: Detector MS SCAN

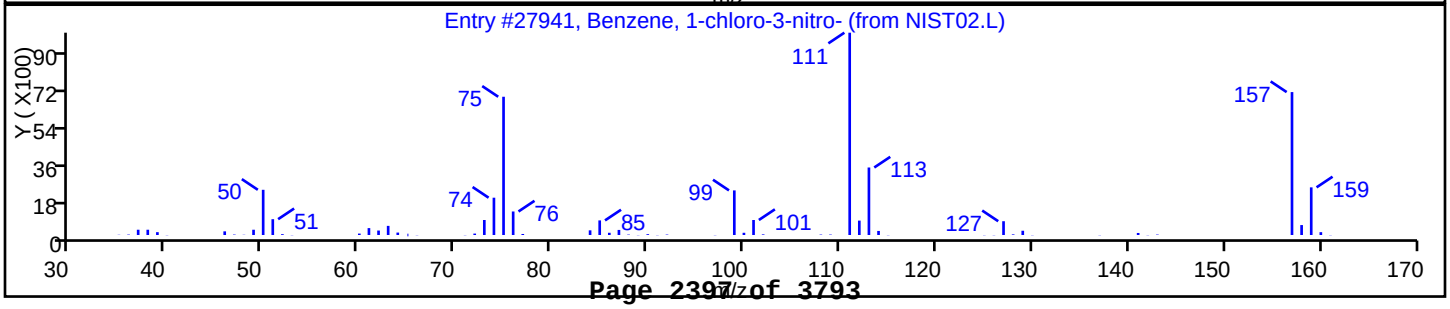
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.L	27936	C6H4ClNO2	157	98
Benzene, 1-chloro-4-nitro-	100-00-5	NIST02.L	27938	C6H4ClNO2	157	97
Benzene, 1-chloro-3-nitro-	121-73-3	NIST02.L	27941	C6H4ClNO2	157	94











Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date: 11-Mar-2014 23:48:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-29-C Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

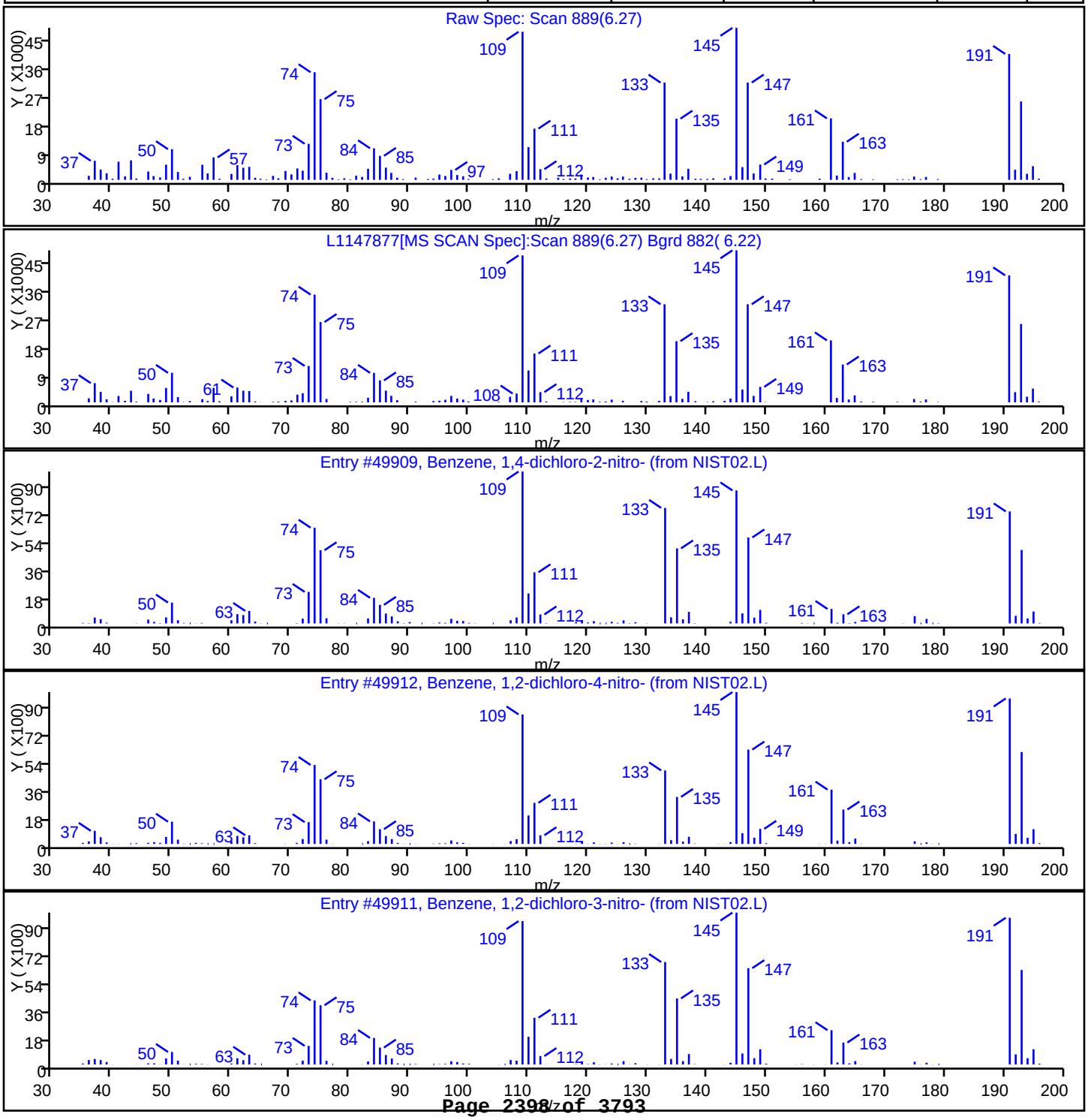
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 10.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,4-dichloro-2-nitro-	89-61-2	NIST02.L	49909	C6H3Cl2NO	191	99
Benzene, 1,2-dichloro-4-nitro-	99-54-7	NIST02.L	49912	C6H3Cl2NO	191	98
Benzene, 1,2-dichloro-3-nitro-	3209-22-1	NIST02.L	49911	C6H3Cl2NO	191	98



Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date: 11-Mar-2014 23:48:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-29-C Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

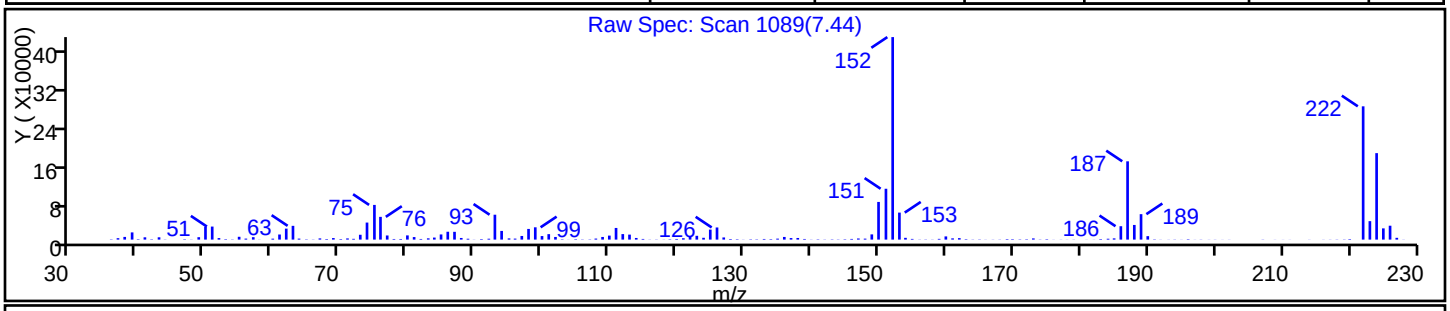
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 20

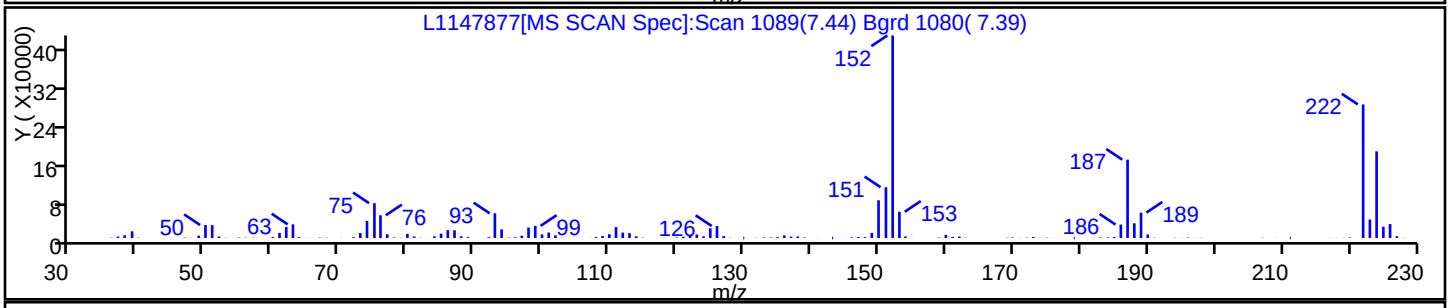
Injection Vol: 1.0 ul Dil. Factor: 10.0000

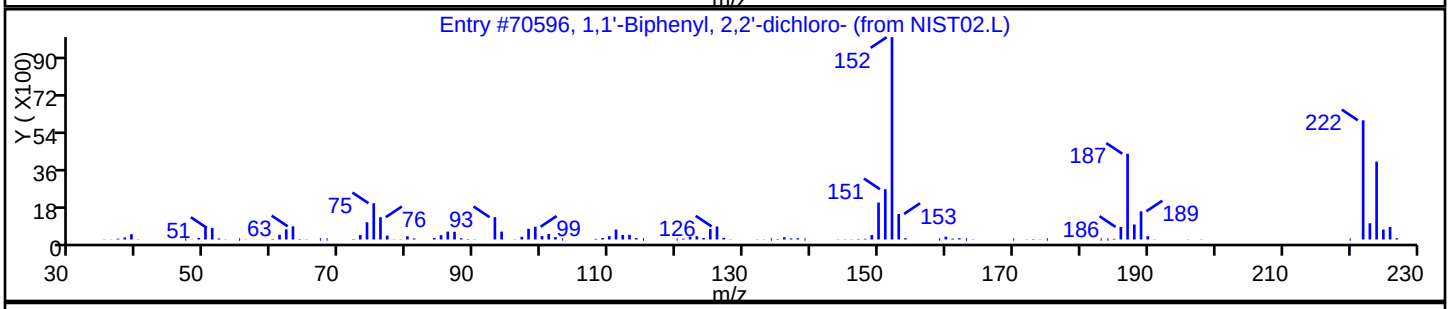
Method: 8270_12R Limit Group: SV 8270 ICAL

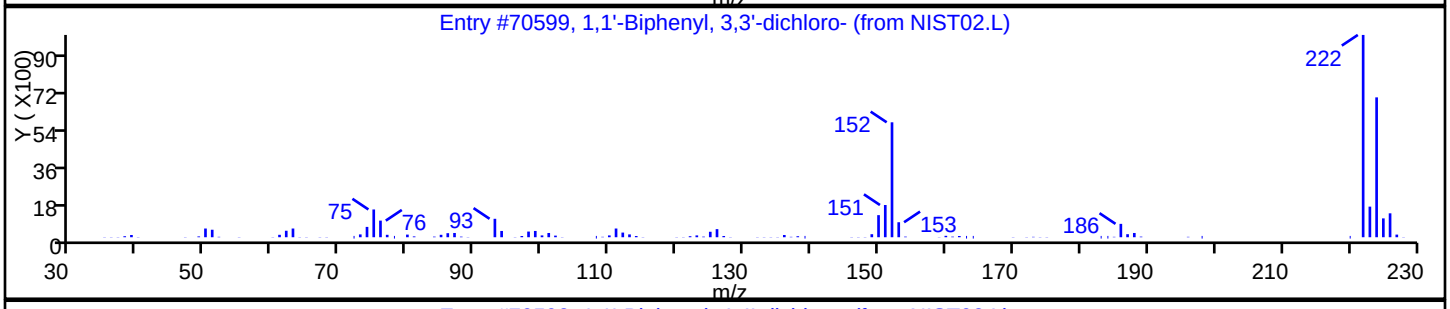
Column: Detector MS SCAN

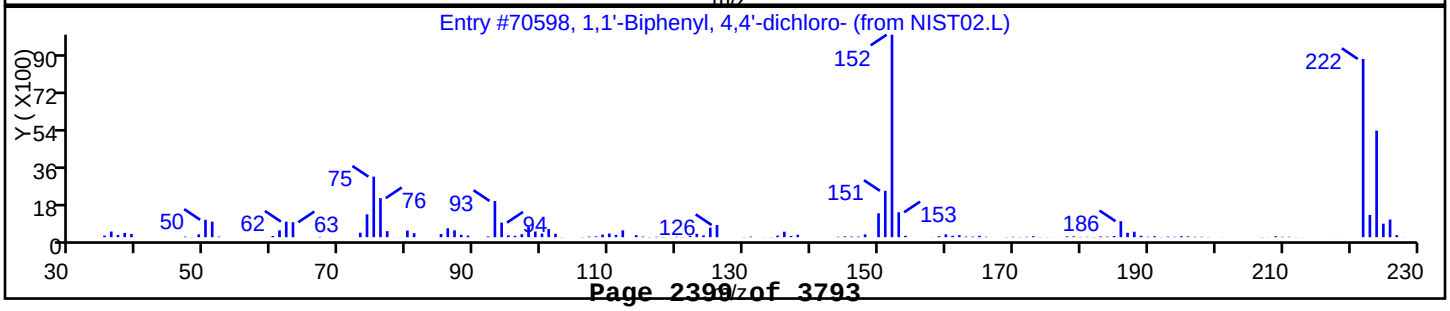
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.L	70596	C12H8Cl2	222	99
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.L	70599	C12H8Cl2	222	98
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.L	70598	C12H8Cl2	222	96











Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date: 11-Mar-2014 23:48:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-29-C Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

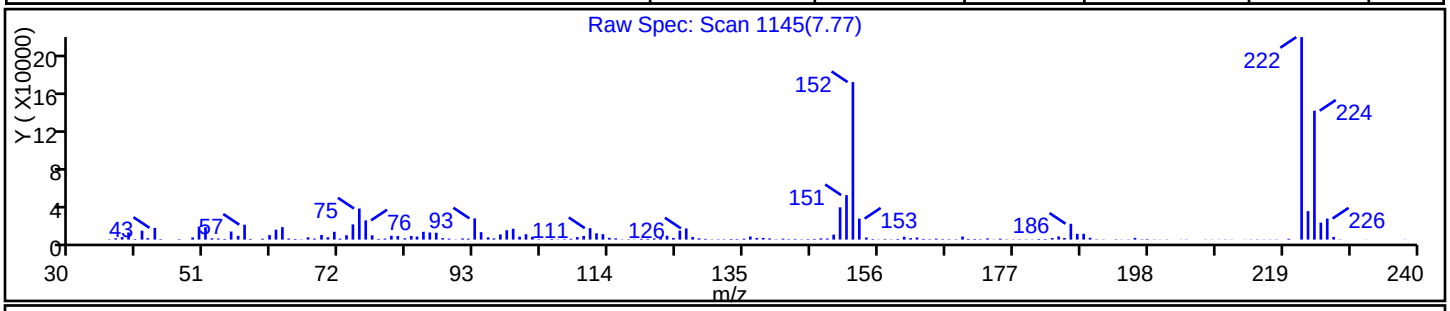
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 20

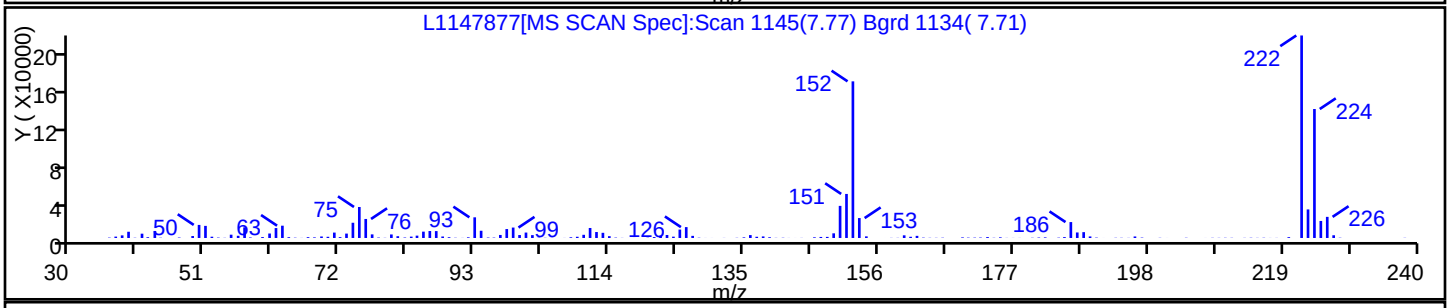
Injection Vol: 1.0 ul Dil. Factor: 10.0000

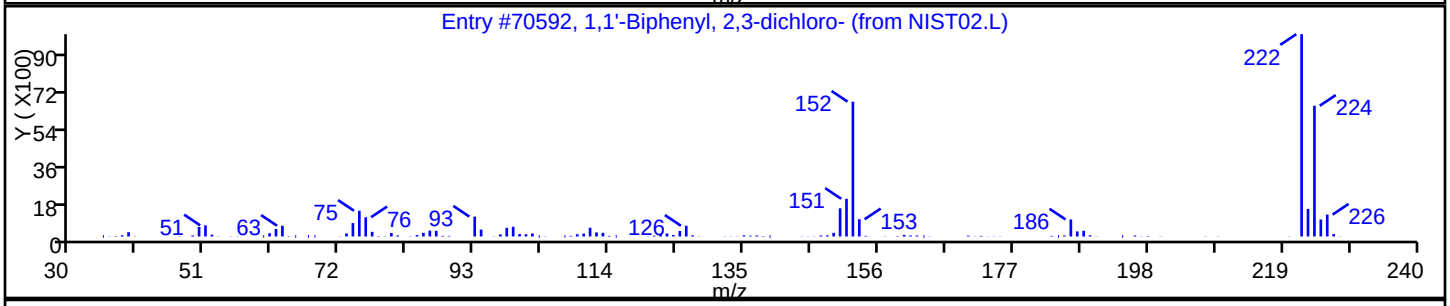
Method: 8270_12R Limit Group: SV 8270 ICAL

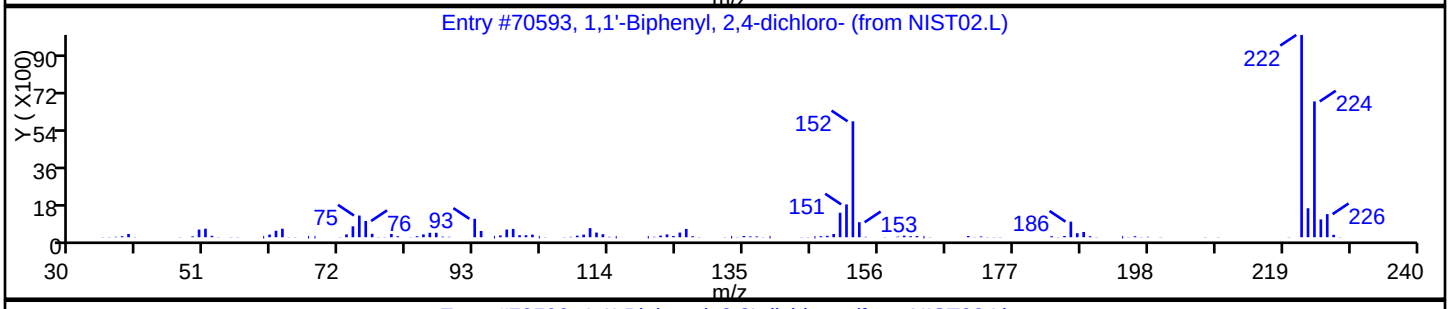
Column: Detector MS SCAN

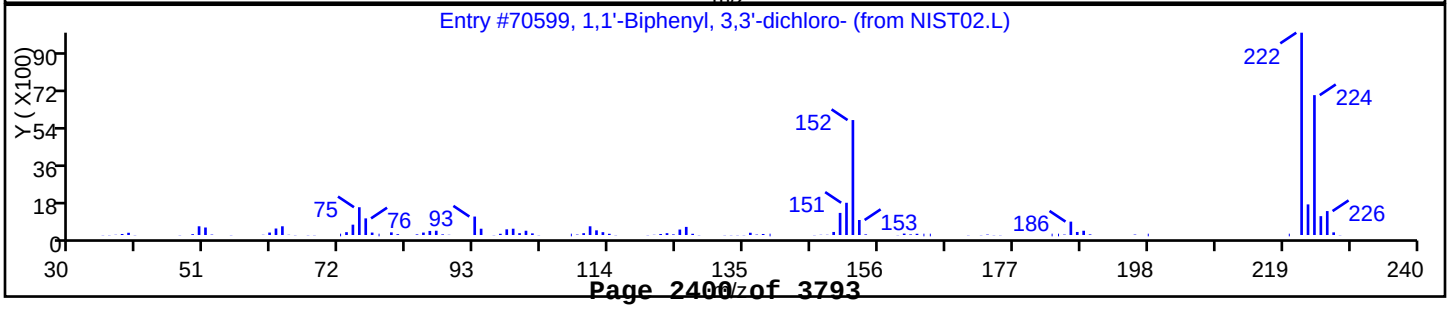
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.L	70592	C12H8Cl2	222	99
1,1'-Biphenyl, 2,4-dichloro-	33284-50-3	NIST02.L	70593	C12H8Cl2	222	99
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.L	70599	C12H8Cl2	222	99











Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date: 11-Mar-2014 23:48:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-29-C Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

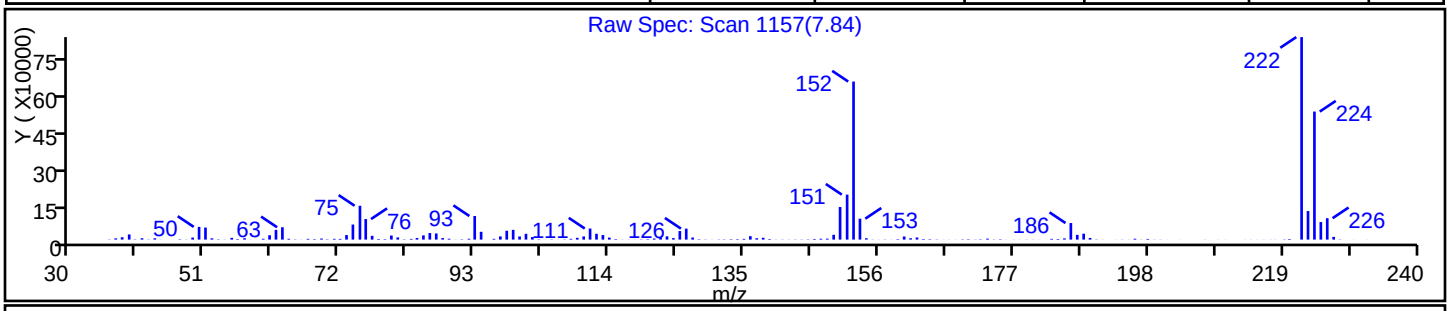
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 20

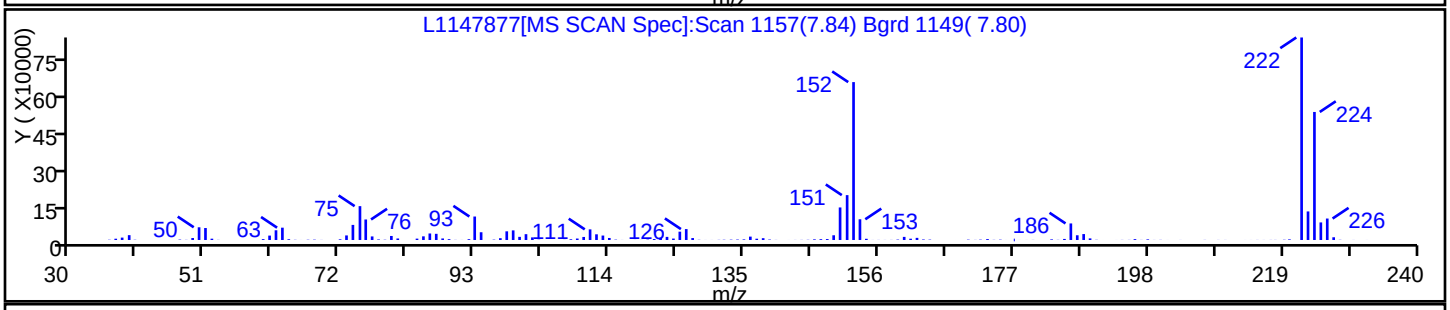
Injection Vol: 1.0 ul Dil. Factor: 10.0000

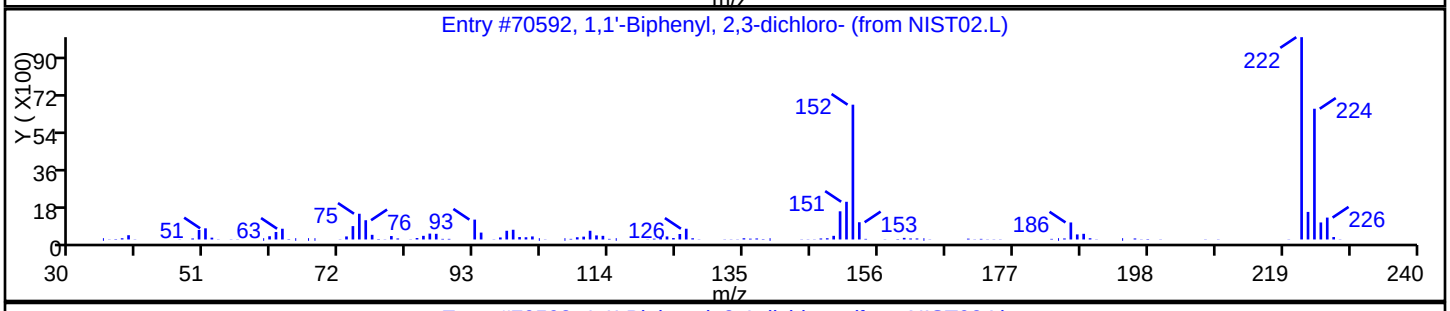
Method: 8270_12R Limit Group: SV 8270 ICAL

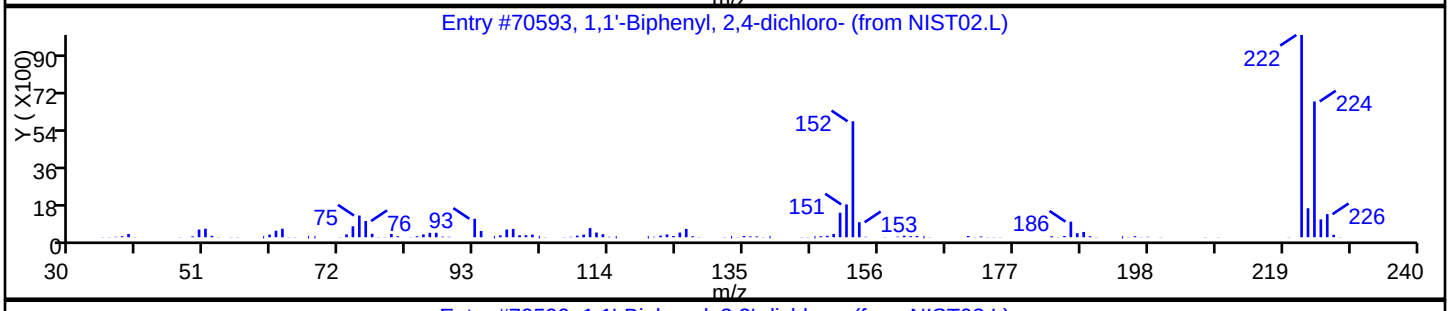
Column: Detector MS SCAN

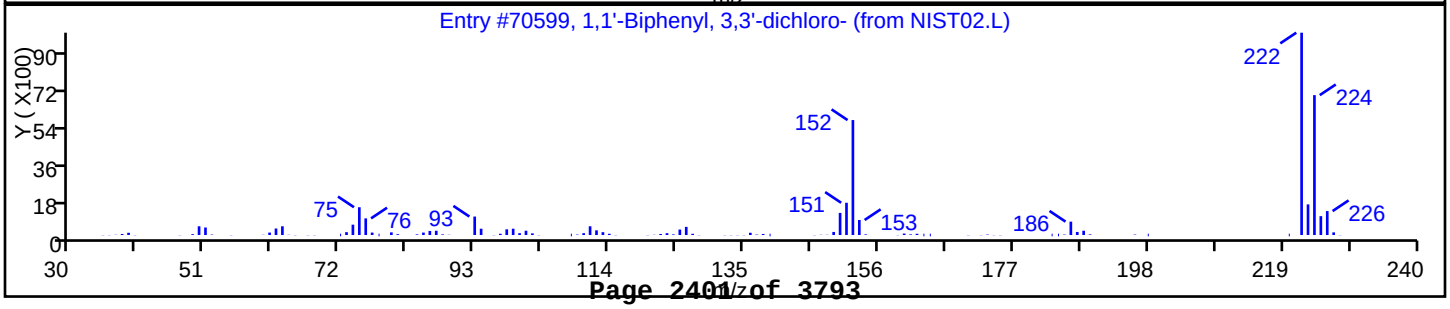
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.L	70592	C12H8Cl2	222	99
1,1'-Biphenyl, 2,4-dichloro-	33284-50-3	NIST02.L	70593	C12H8Cl2	222	99
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.L	70599	C12H8Cl2	222	99











Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date: 11-Mar-2014 23:48:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-29-C Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

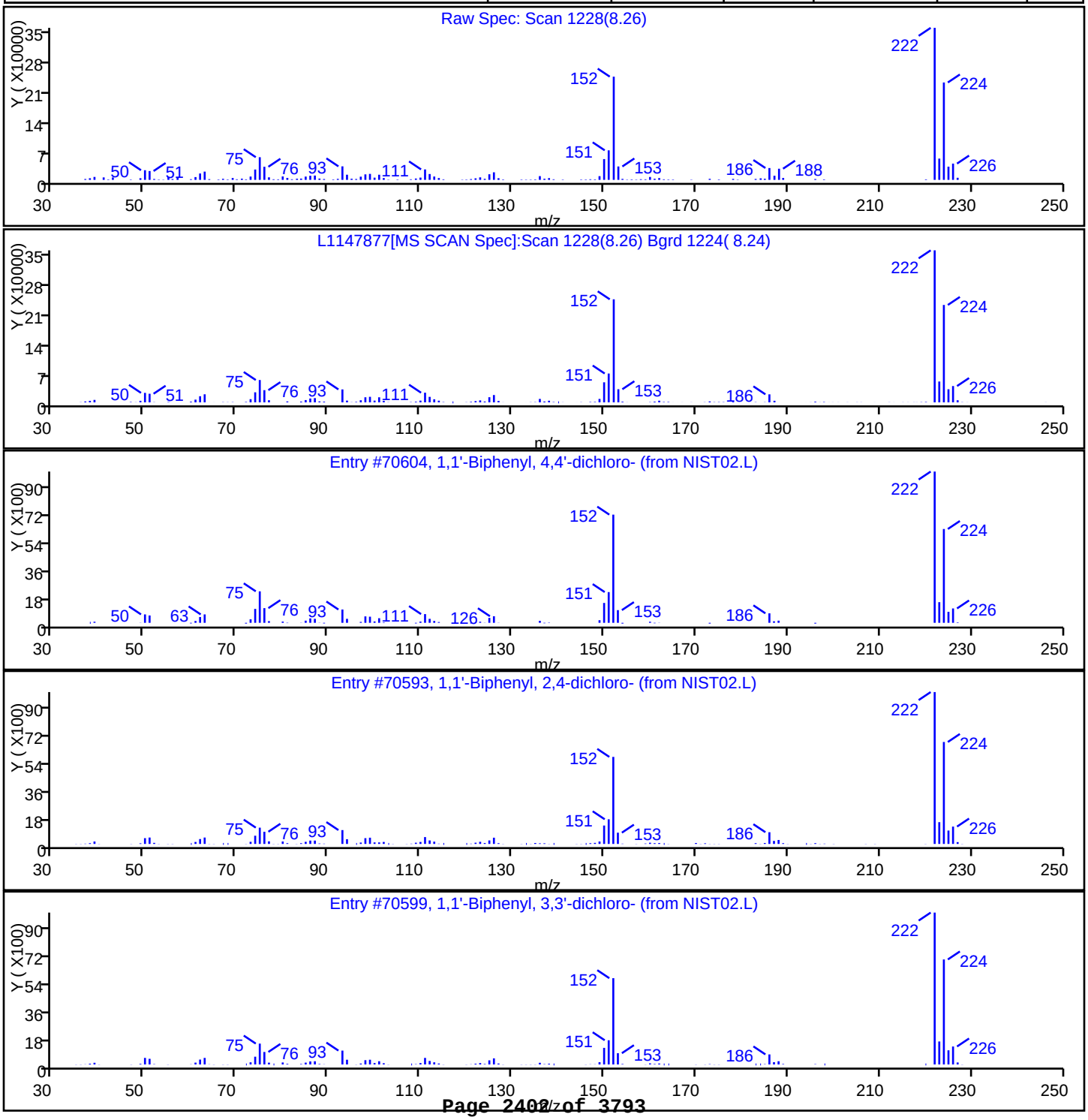
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 10.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.L	70604	C12H8Cl2	222	99
1,1'-Biphenyl, 2,4-dichloro-	33284-50-3	NIST02.L	70593	C12H8Cl2	222	98
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.L	70599	C12H8Cl2	222	95



Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date: 11-Mar-2014 23:48:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-29-C Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

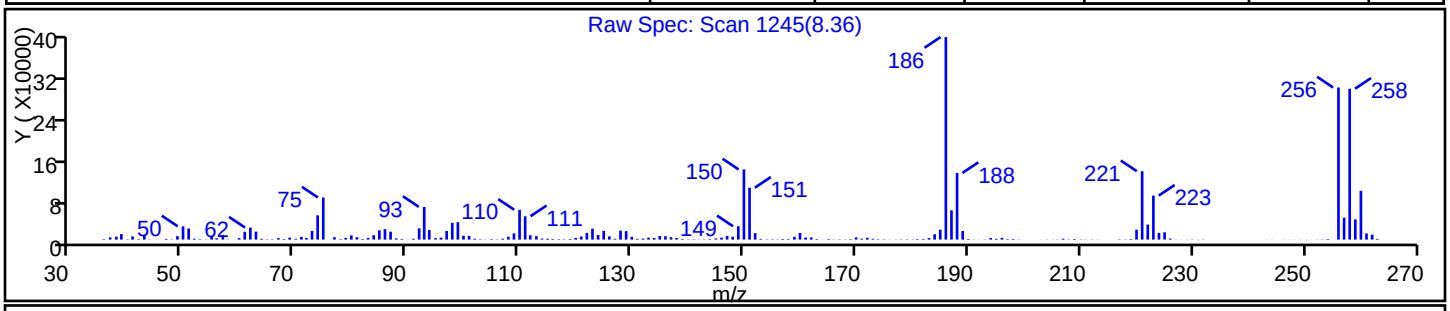
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 20

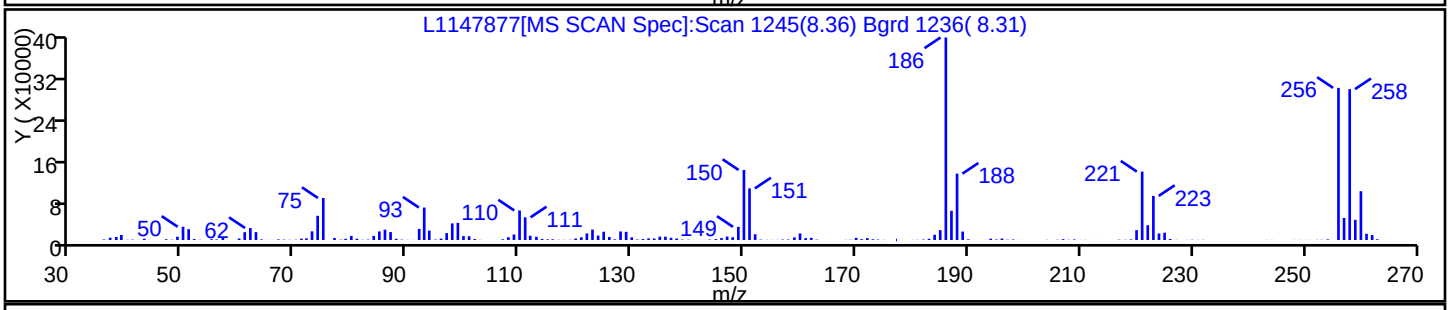
Injection Vol: 1.0 ul Dil. Factor: 10.0000

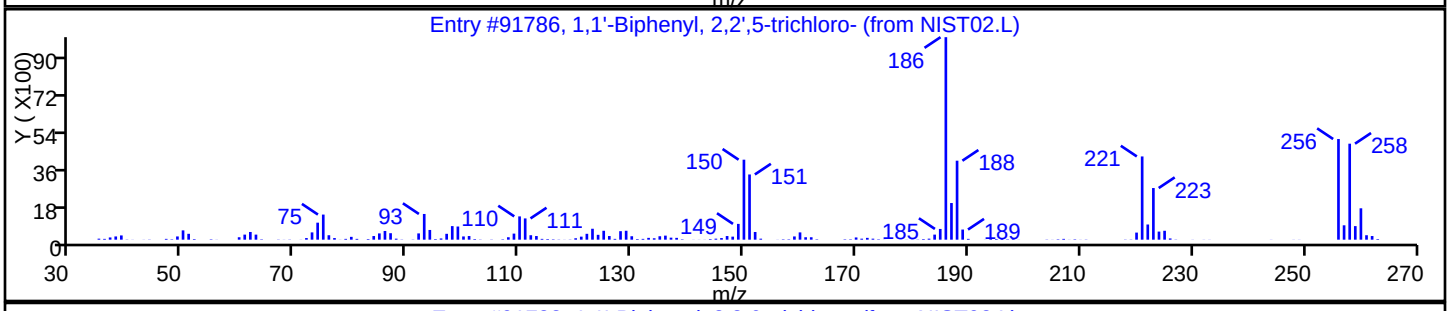
Method: 8270_12R Limit Group: SV 8270 ICAL

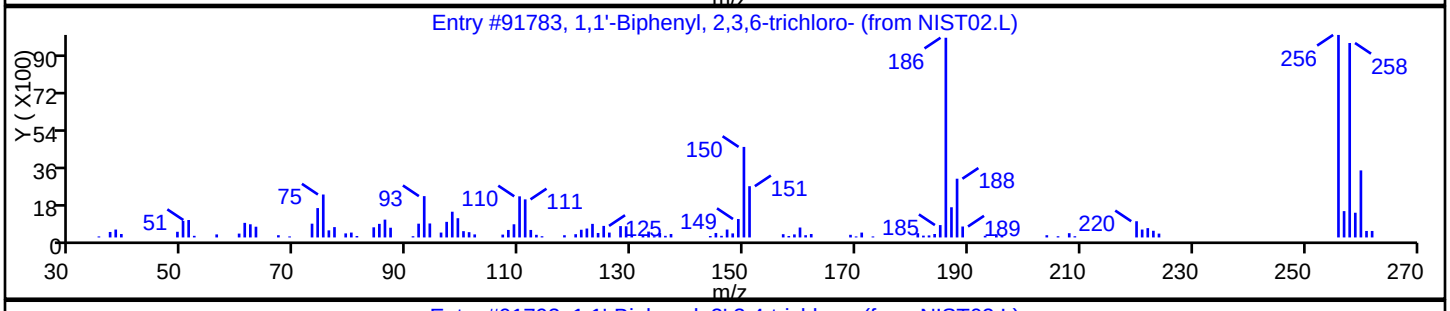
Column: Detector MS SCAN

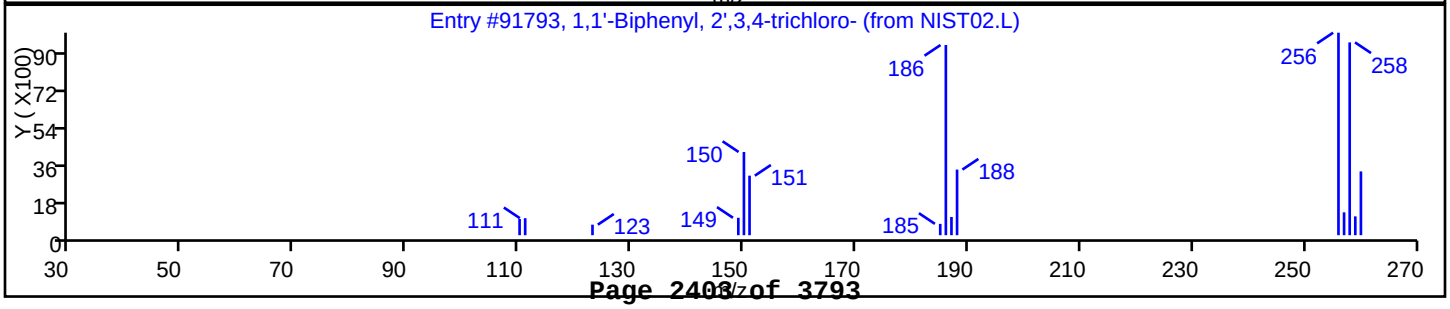
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',5-trichloro-	37680-65-2	NIST02.L	91786	C12H7Cl3	256	99
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.L	91783	C12H7Cl3	256	98
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	98











Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date: 11-Mar-2014 23:48:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-29-C Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

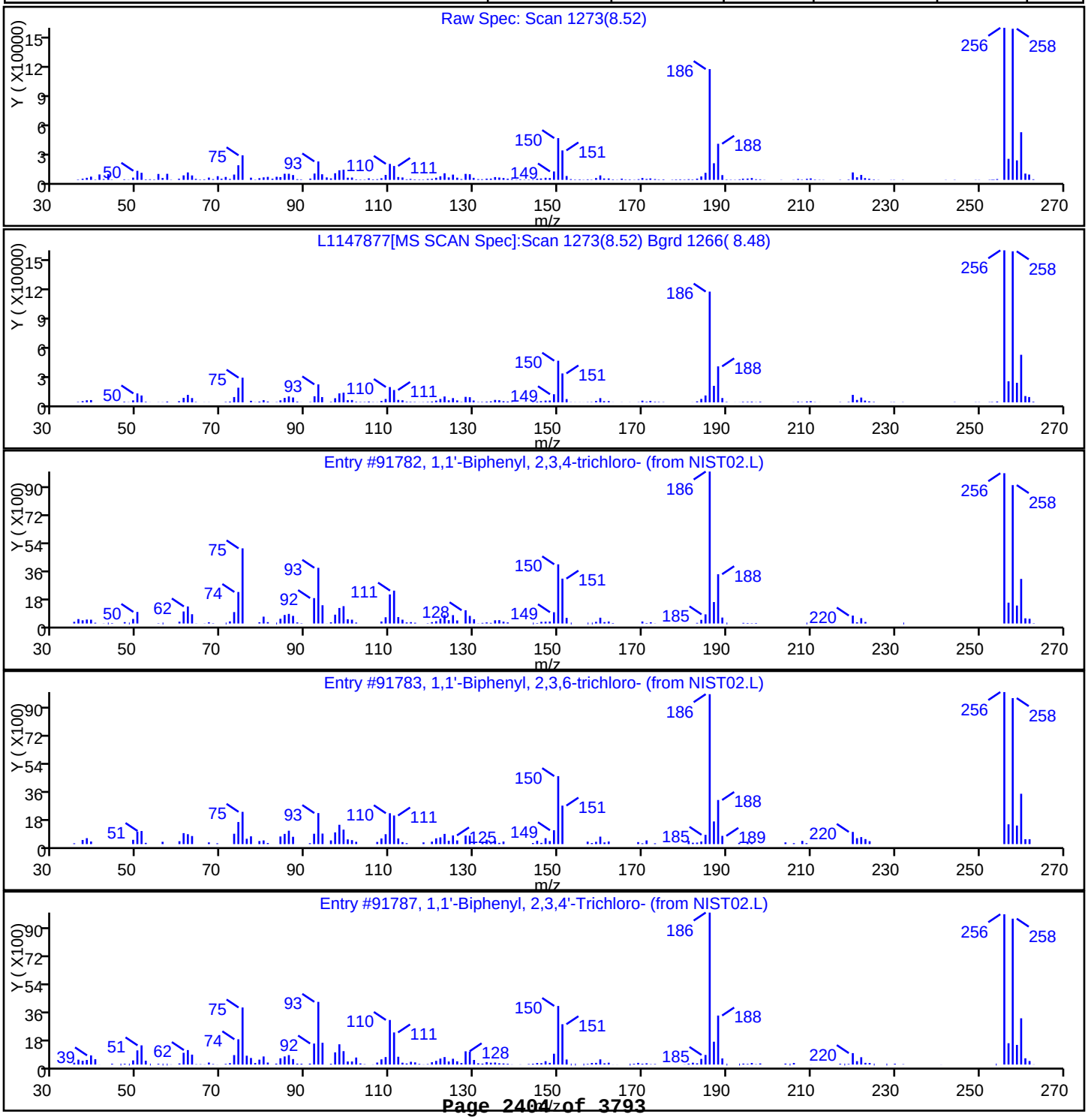
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 10.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	C12H7Cl3	256	98
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.L	91783	C12H7Cl3	256	98
1,1'-Biphenyl, 2,3,4'-Trichloro-	38444-85-8	NIST02.L	91787	C12H7Cl3	256	98



Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date: 11-Mar-2014 23:48:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-29-C Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

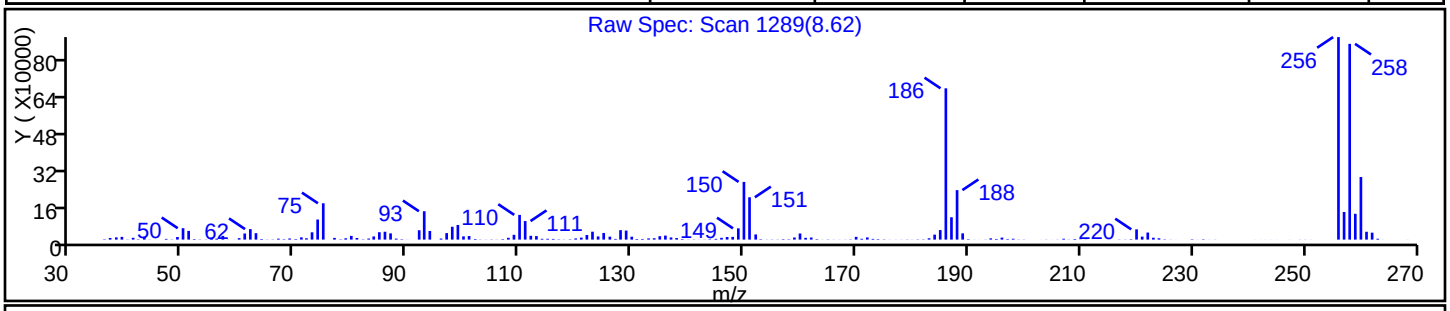
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 20

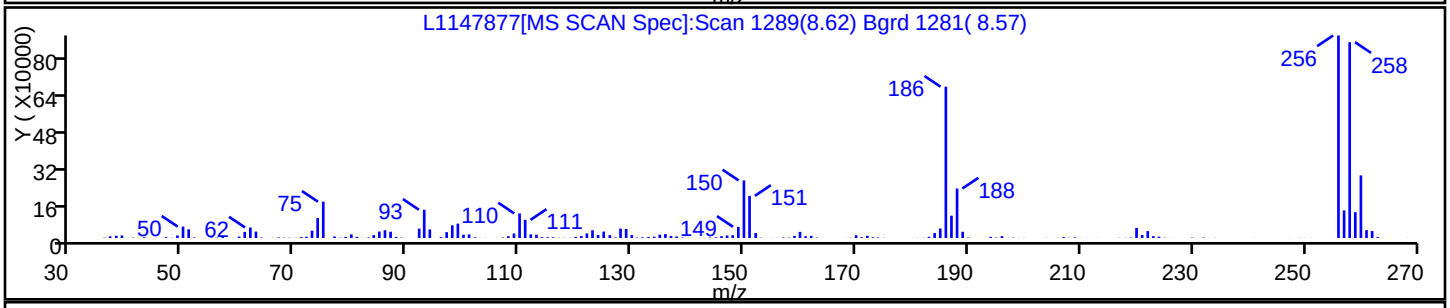
Injection Vol: 1.0 ul Dil. Factor: 10.0000

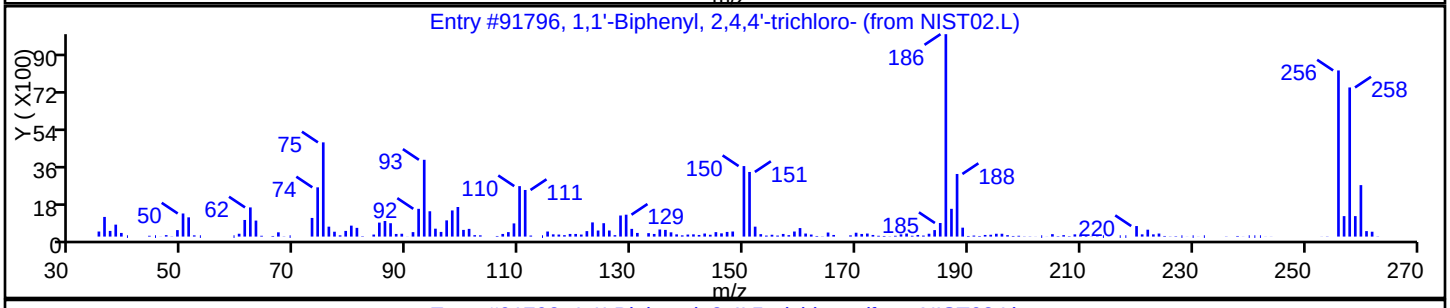
Method: 8270_12R Limit Group: SV 8270 ICAL

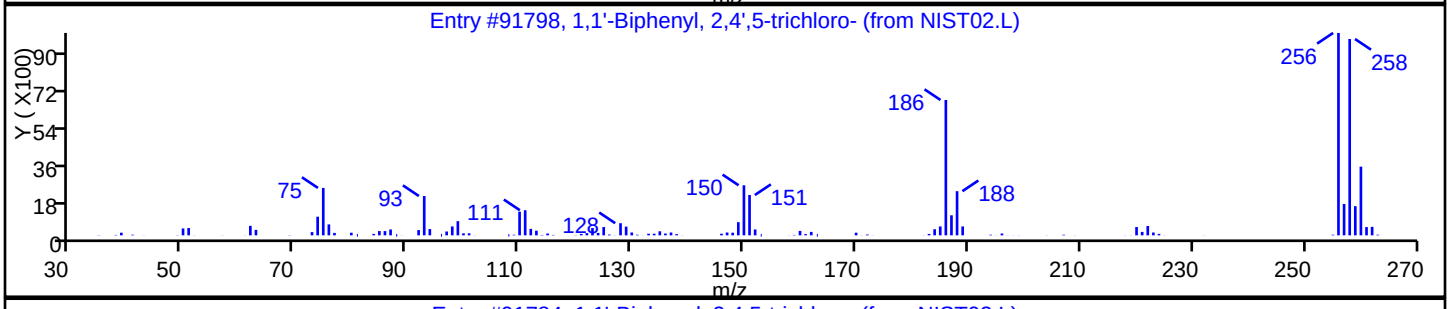
Column: Detector MS SCAN

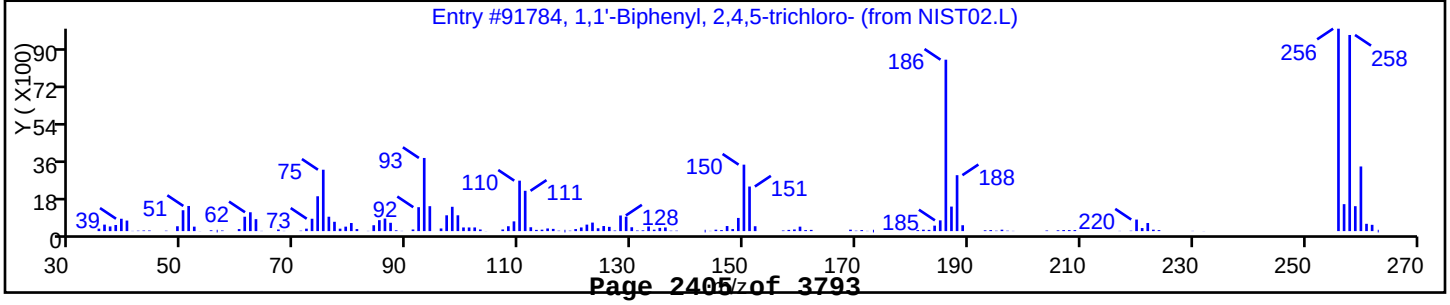
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91796	C12H7Cl3	256	99
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91798	C12H7Cl3	256	99
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.L	91784	C12H7Cl3	256	98











Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date: 11-Mar-2014 23:48:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-29-C Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

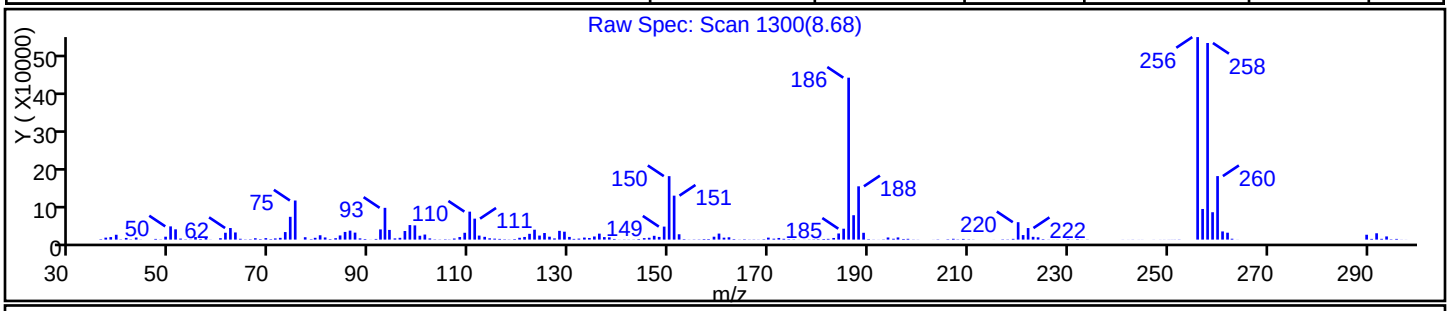
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 20

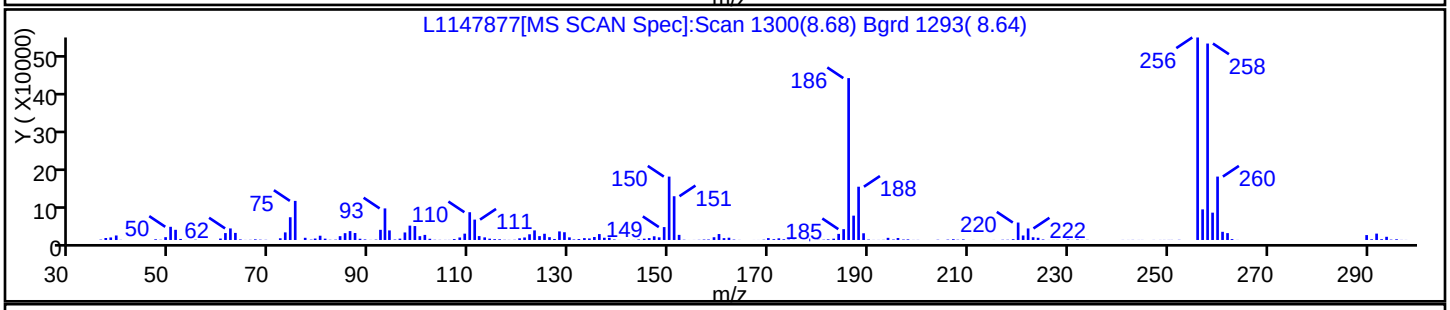
Injection Vol: 1.0 ul Dil. Factor: 10.0000

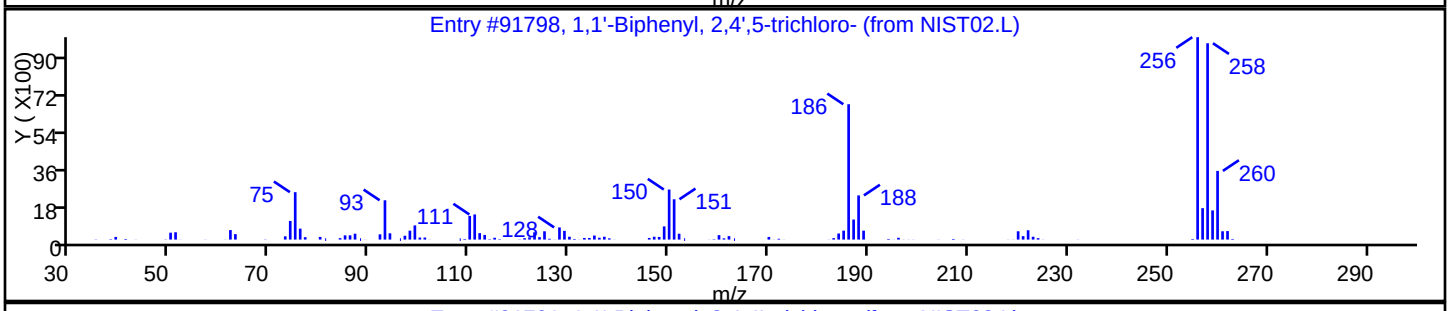
Method: 8270_12R Limit Group: SV 8270 ICAL

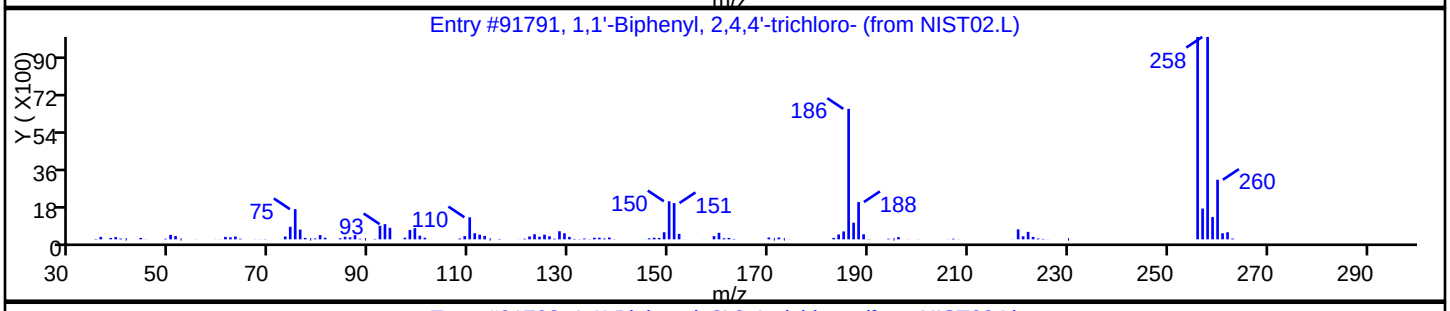
Column: Detector MS SCAN

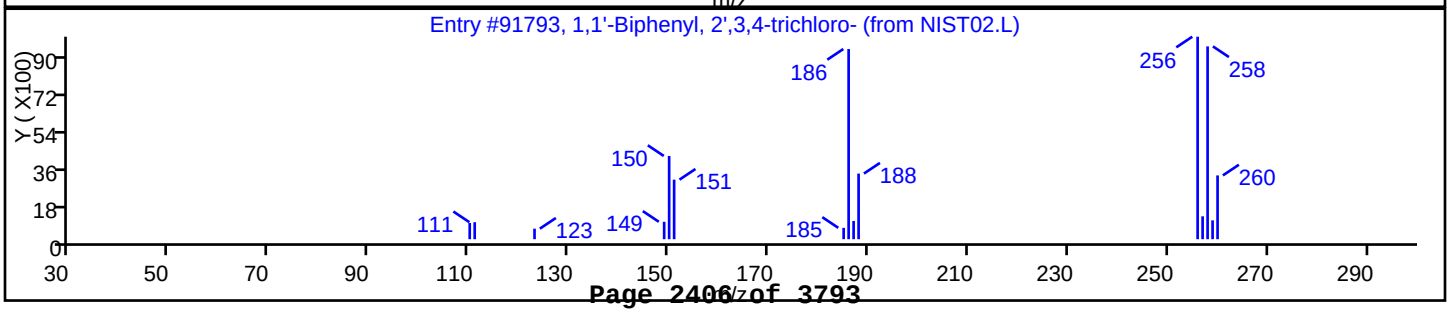
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91798	C12H7Cl3	256	99
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	98
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	98











Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date: 11-Mar-2014 23:48:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-29-C Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

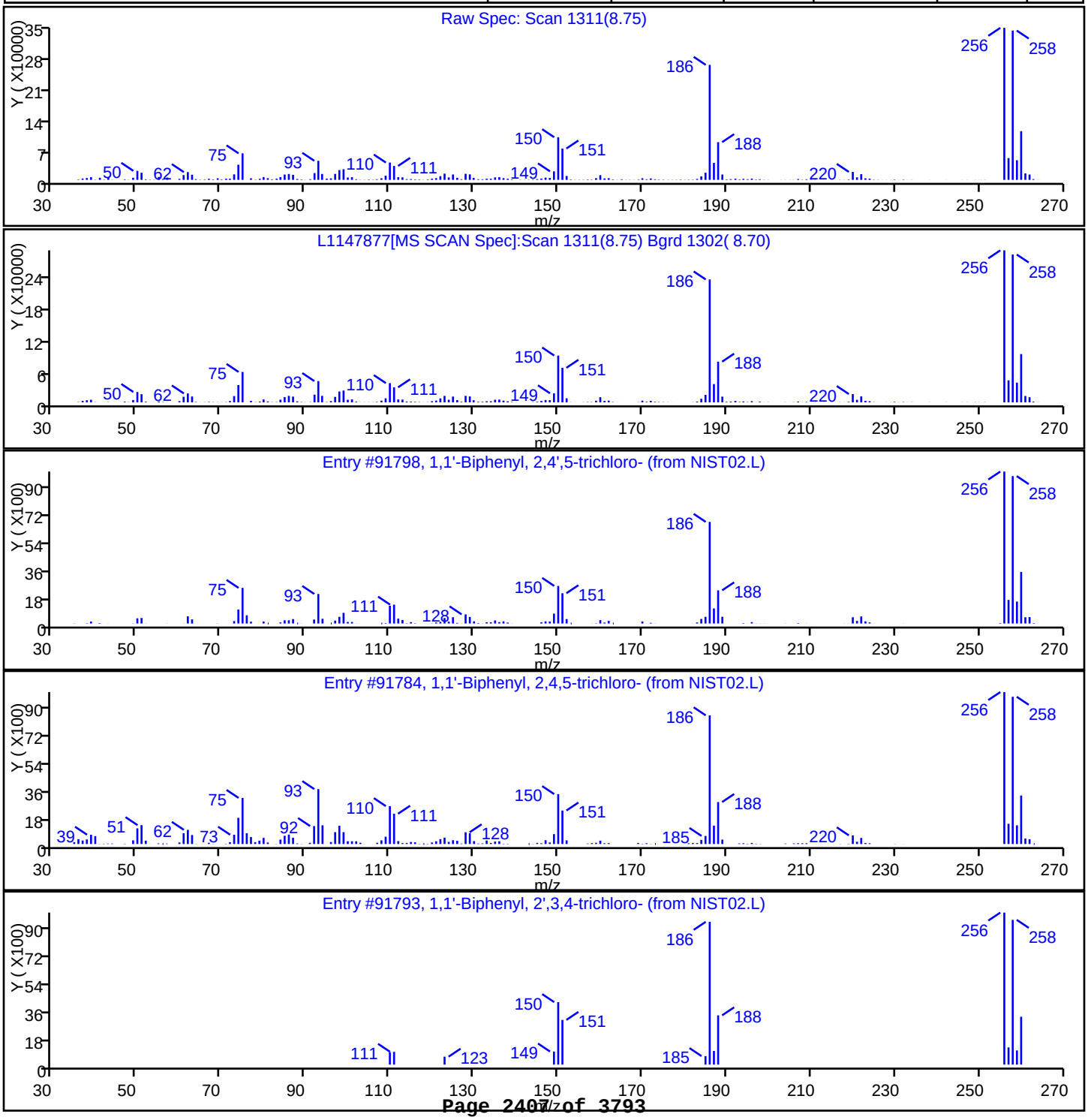
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 10.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91798	C12H7Cl3	256	99
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.L	91784	C12H7Cl3	256	99
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	98



Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date: 11-Mar-2014 23:48:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-29-C Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

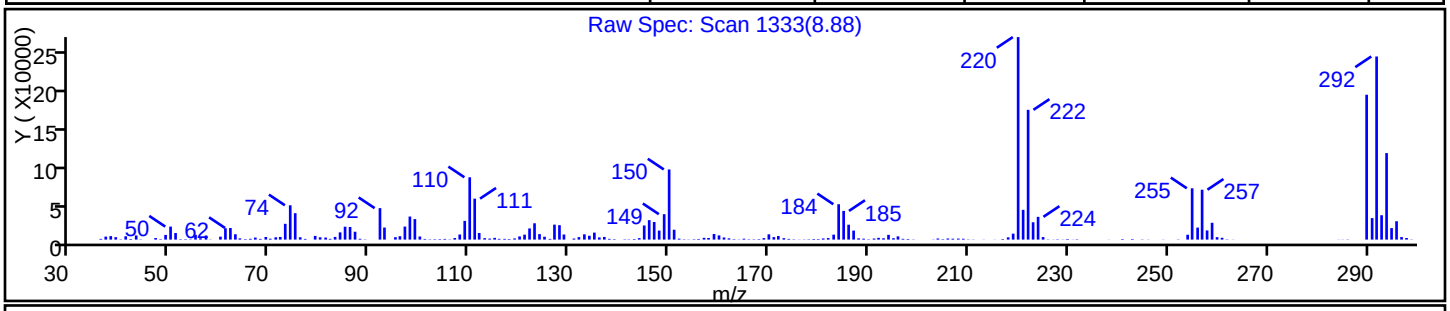
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 20

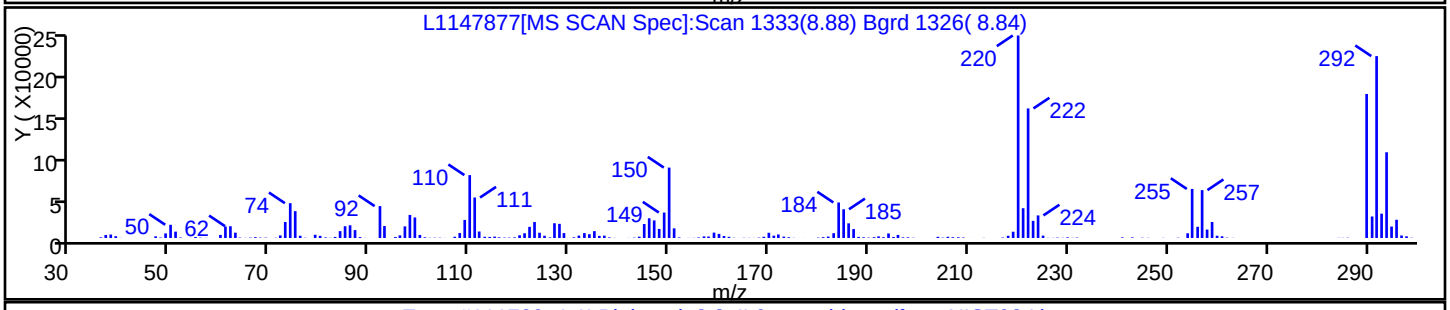
Injection Vol: 1.0 ul Dil. Factor: 10.0000

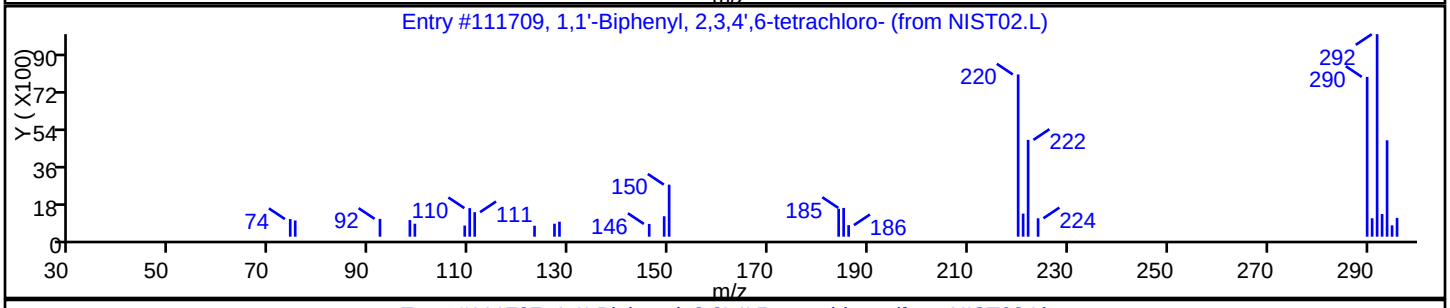
Method: 8270_12R Limit Group: SV 8270 ICAL

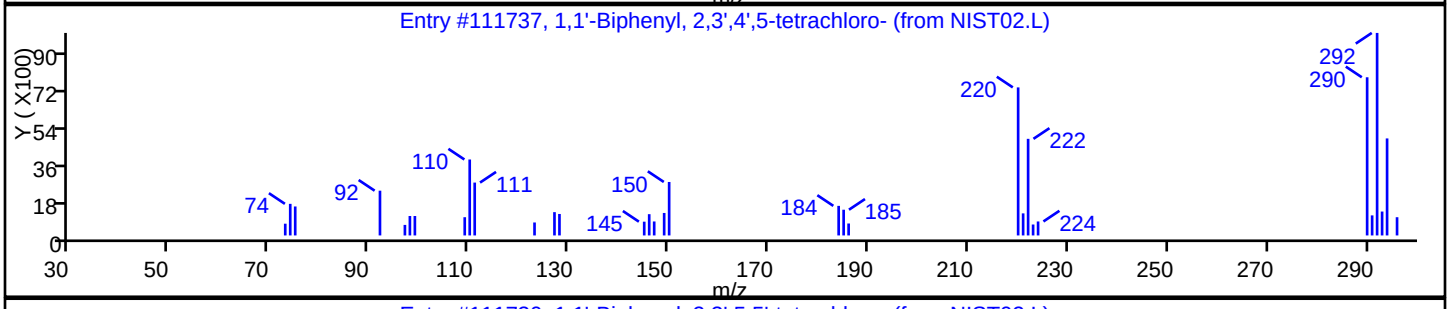
Column: Detector MS SCAN

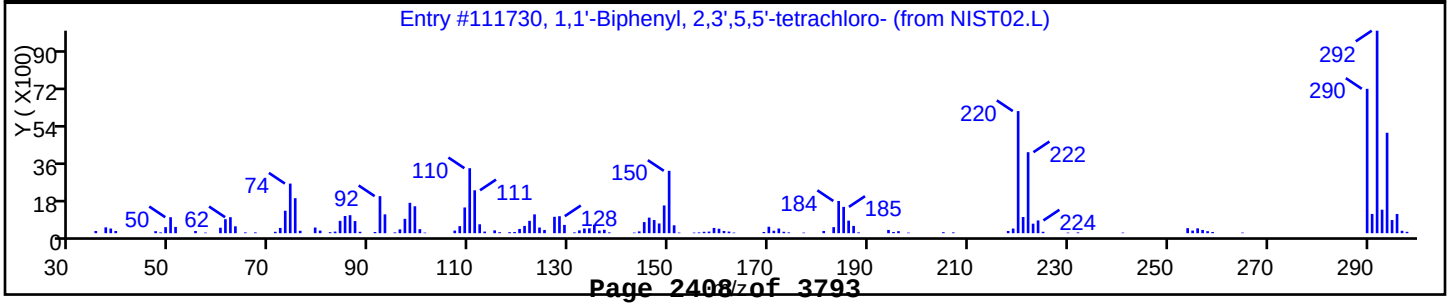
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',4',5-tetrachloro-	32598-11-1	NIST02.L	111737	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.L	111730	C12H6Cl4	290	99











Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date: 11-Mar-2014 23:48:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-29-C Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

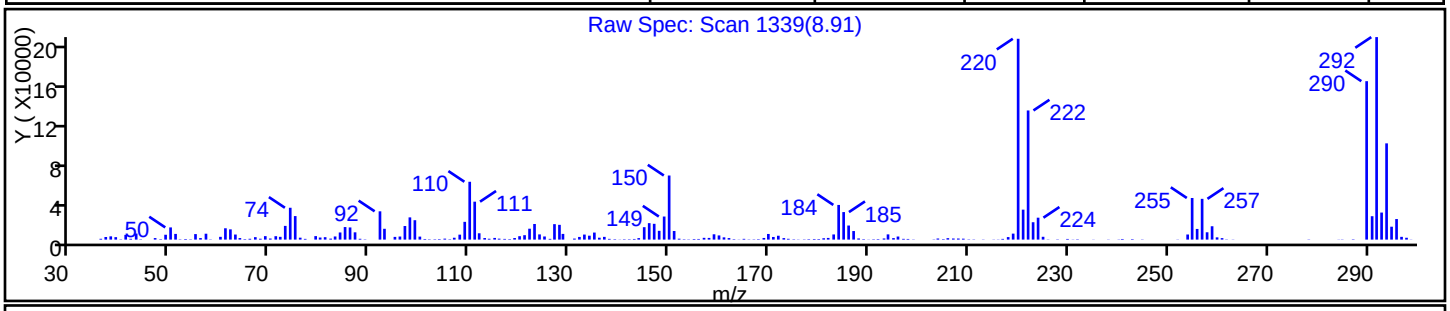
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 20

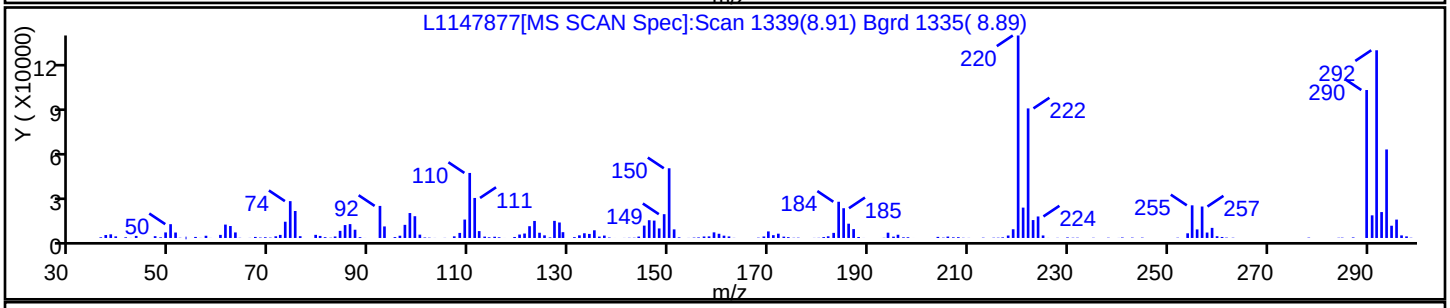
Injection Vol: 1.0 ul Dil. Factor: 10.0000

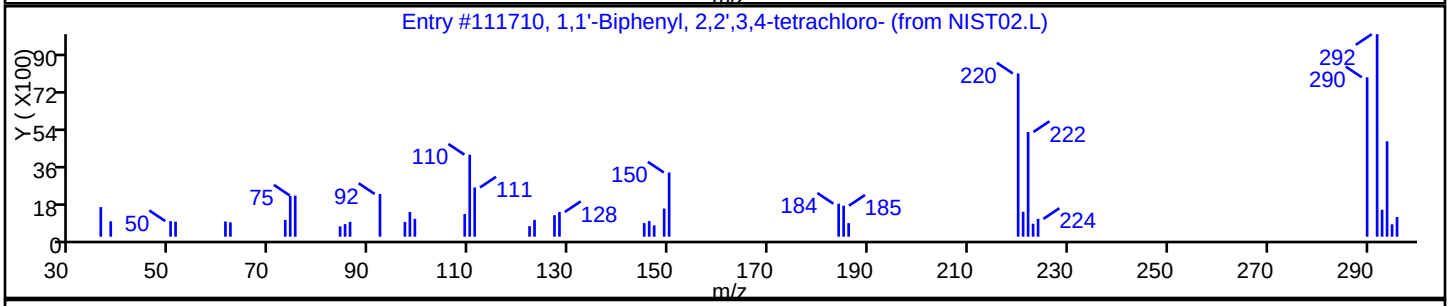
Method: 8270_12R Limit Group: SV 8270 ICAL

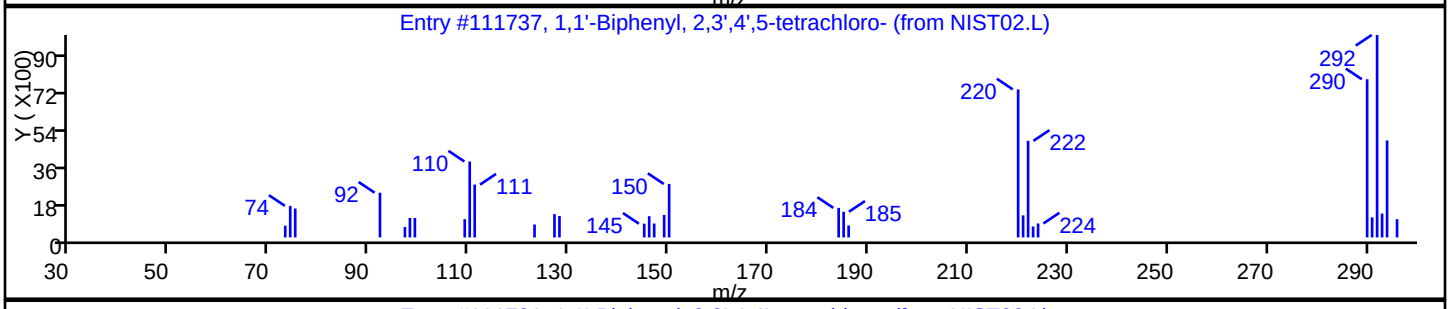
Column: Detector MS SCAN

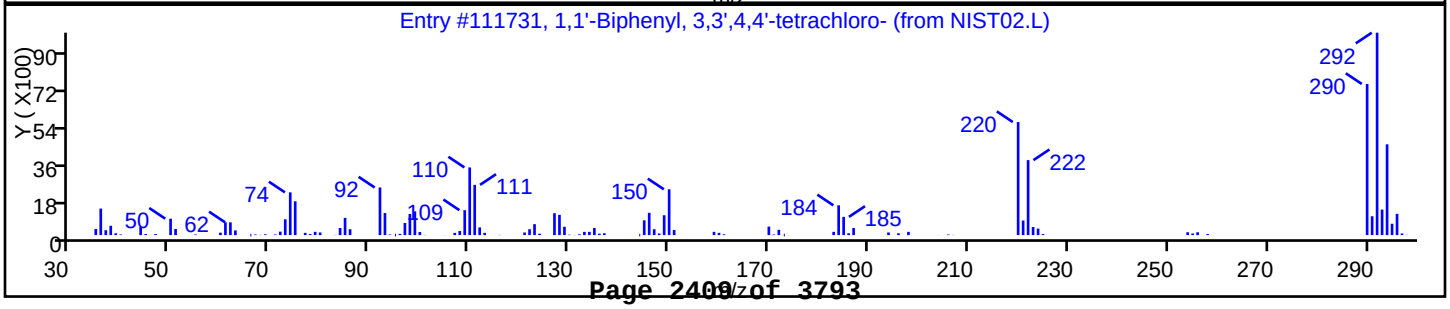
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',3,4-tetrachloro-	52663-59-9	NIST02.L	111710	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',4',5-tetrachloro-	32598-11-1	NIST02.L	111737	C12H6Cl4	290	99
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111731	C12H6Cl4	290	99











Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date: 11-Mar-2014 23:48:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-29-C Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

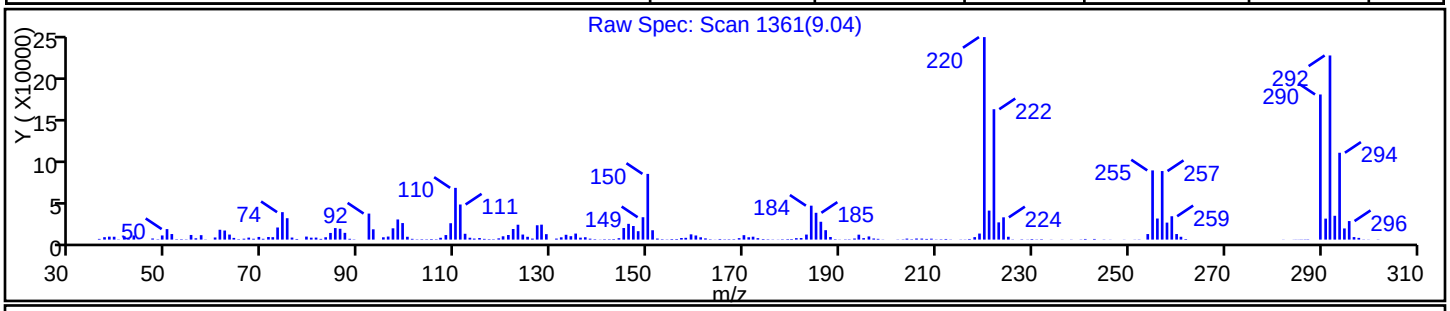
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 20

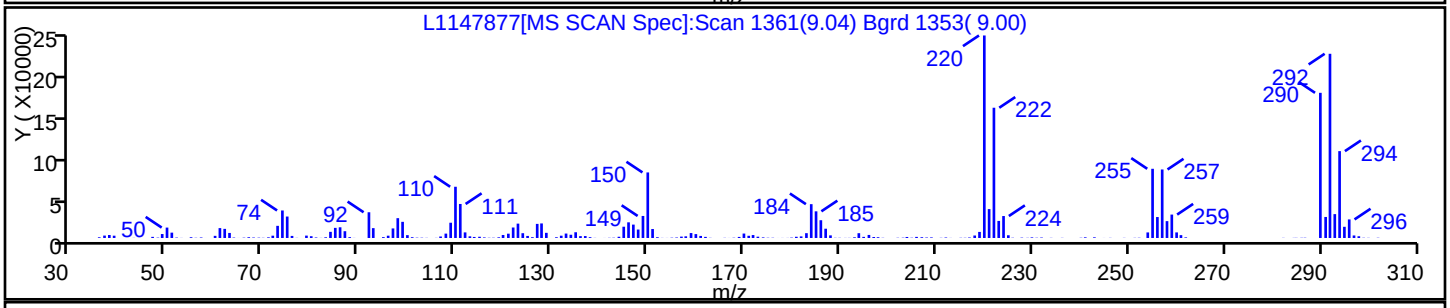
Injection Vol: 1.0 ul Dil. Factor: 10.0000

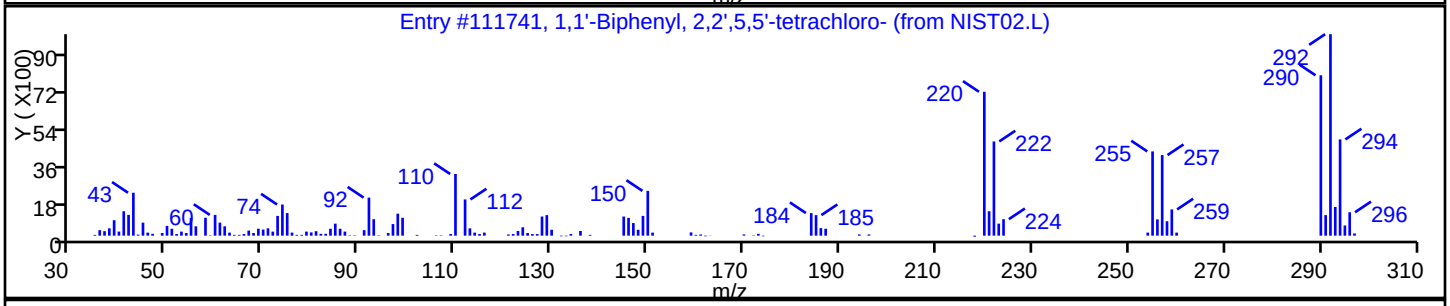
Method: 8270_12R Limit Group: SV 8270 ICAL

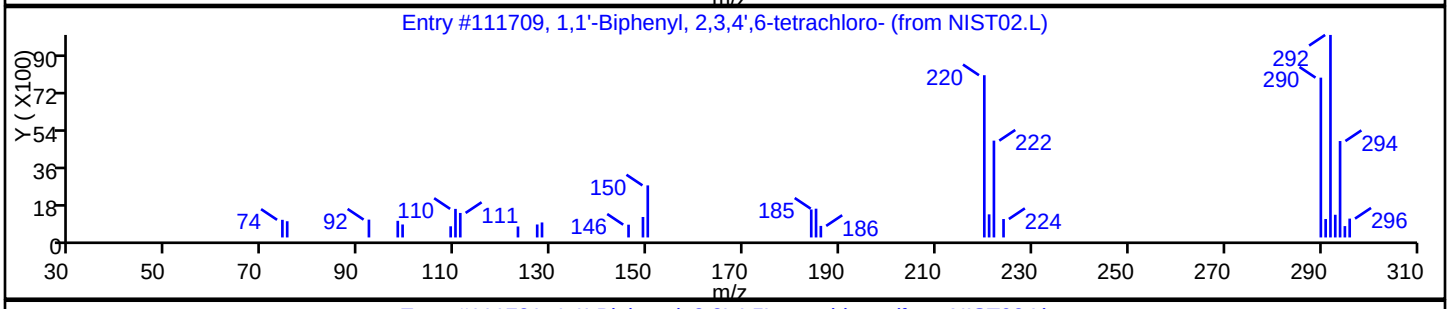
Column: Detector MS SCAN

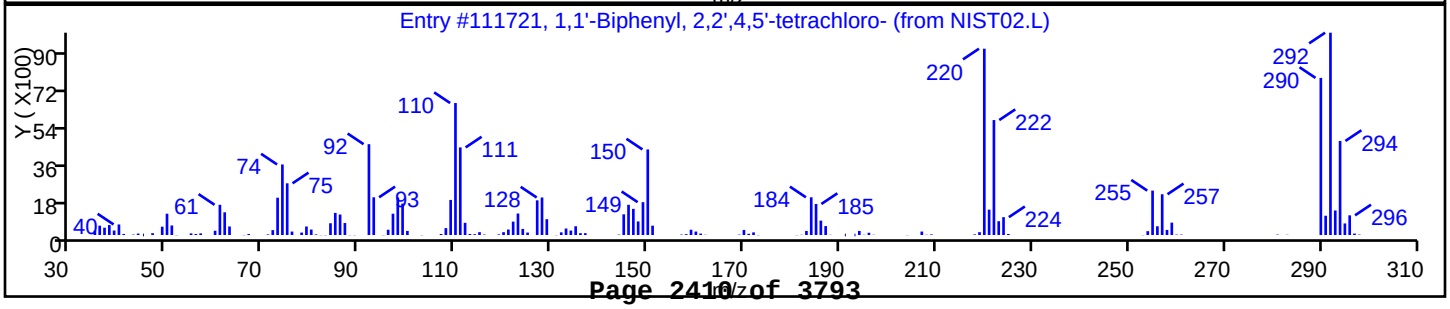
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	35693-99-3	NIST02.L	111741	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	41464-40-8	NIST02.L	111721	C12H6Cl4	290	99











Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date: 11-Mar-2014 23:48:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-29-C Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 10.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4,4',6-tetrachloro-	32598-12-2	NIST02.L	111716	C12H6Cl4	290	99
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	C12H6Cl4	290	99
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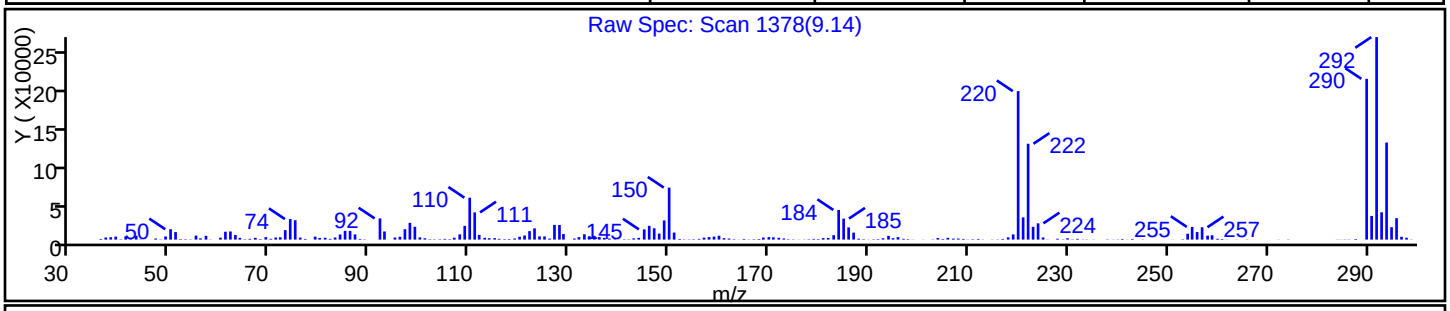
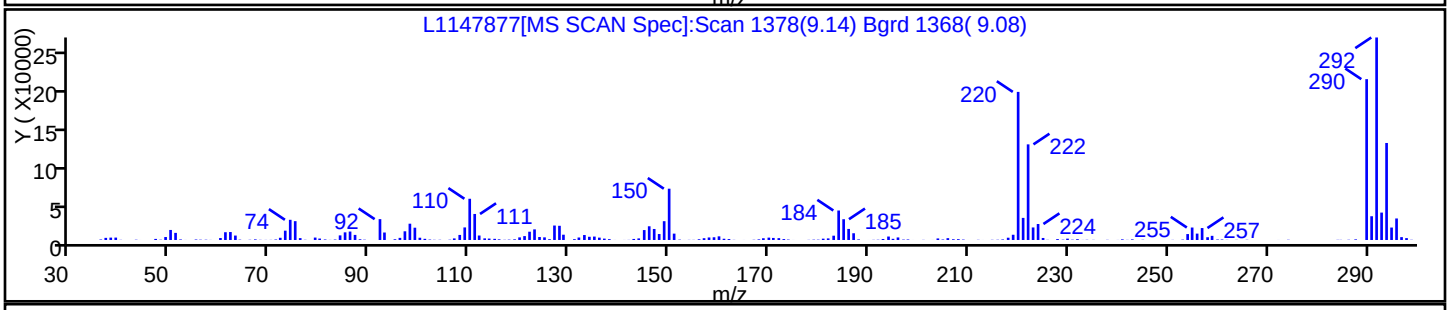
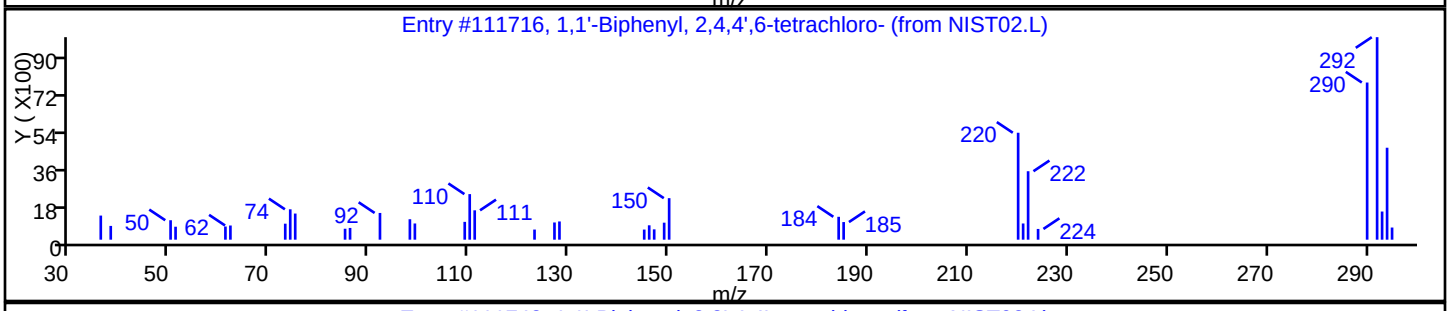
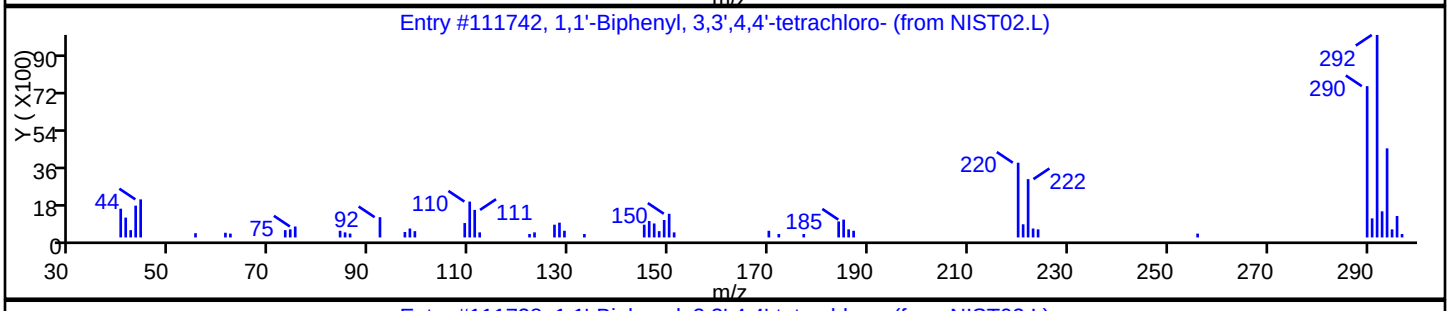
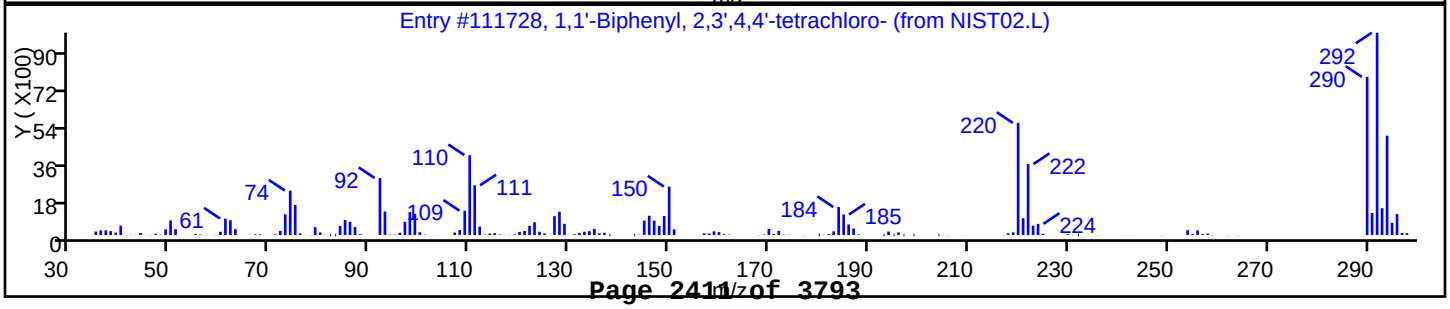










Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date: 11-Mar-2014 23:48:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-29-C Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

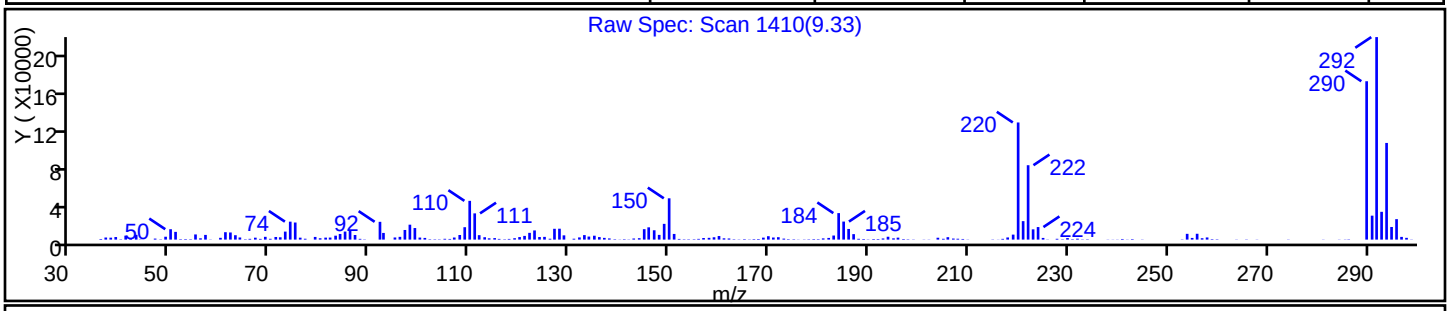
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 20

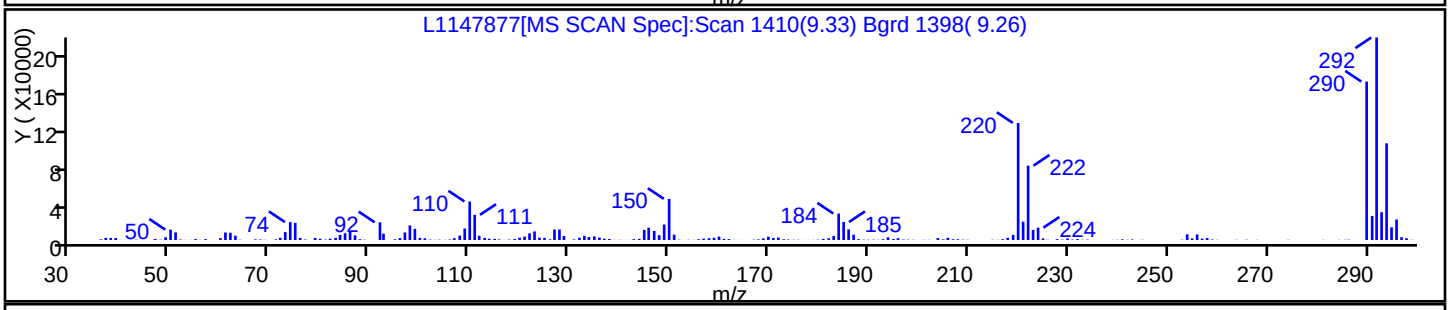
Injection Vol: 1.0 ul Dil. Factor: 10.0000

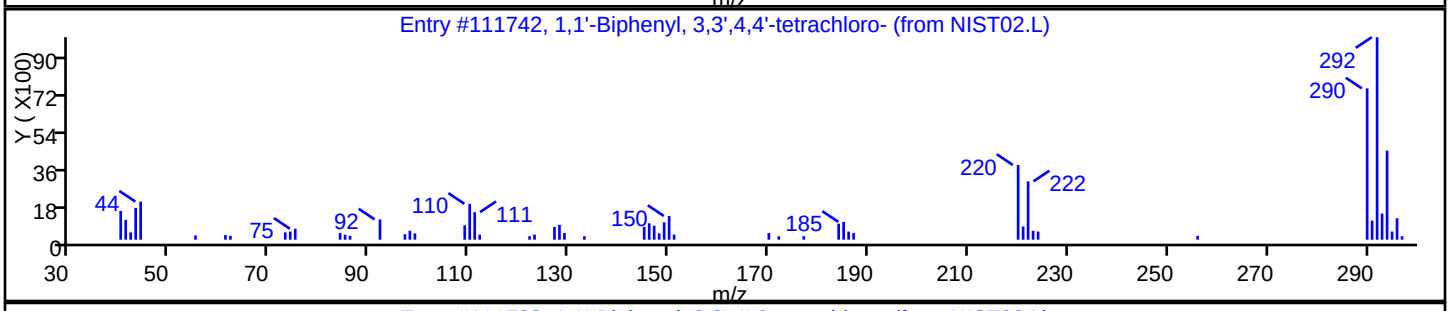
Method: 8270_12R Limit Group: SV 8270 ICAL

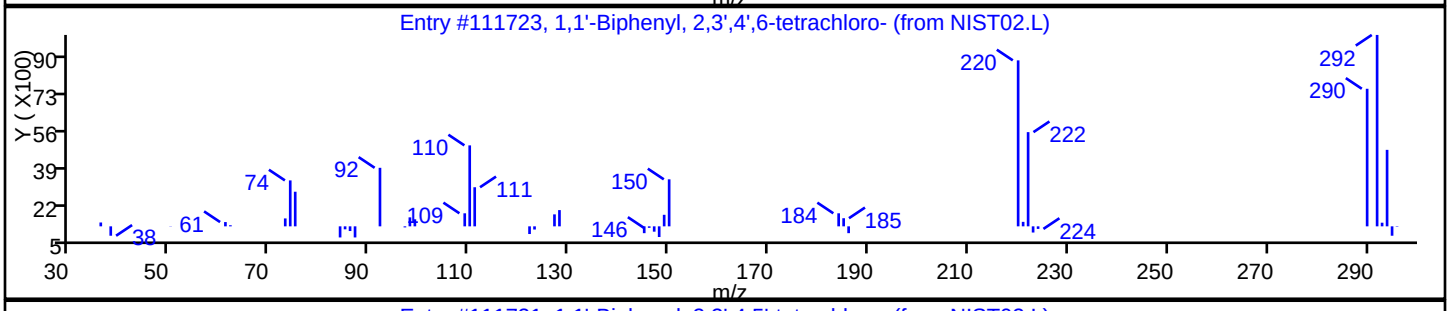
Column: Detector MS SCAN

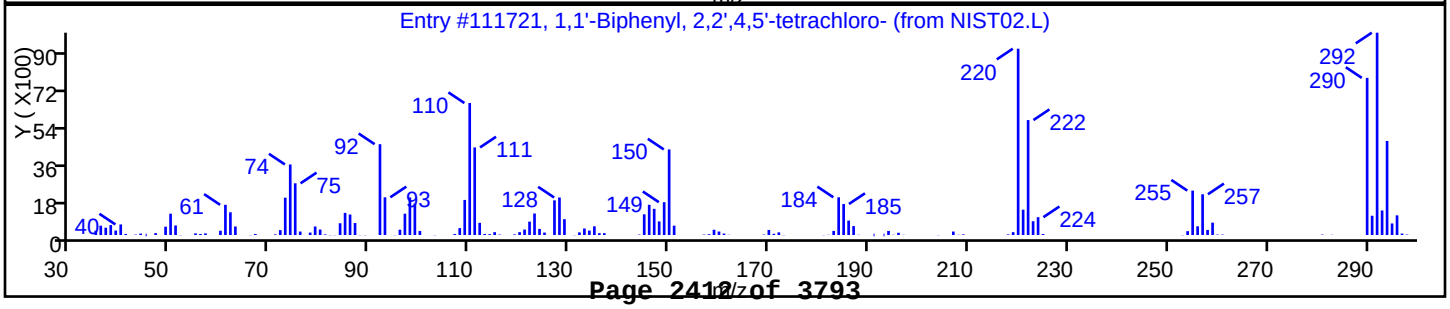
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',4',6-tetrachloro-	41464-46-4	NIST02.L	111723	C12H6Cl4	290	98
1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	41464-40-8	NIST02.L	111721	C12H6Cl4	290	96











Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date: 11-Mar-2014 23:48:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-29-C Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

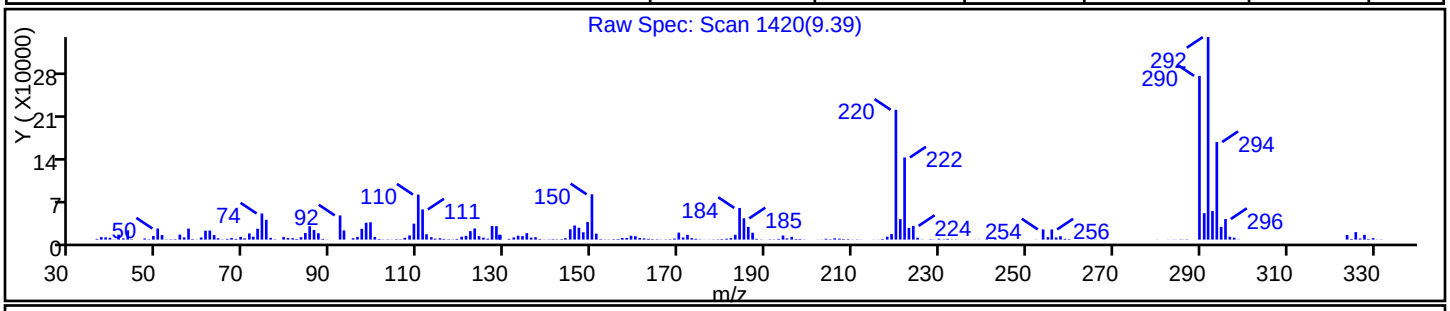
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 20

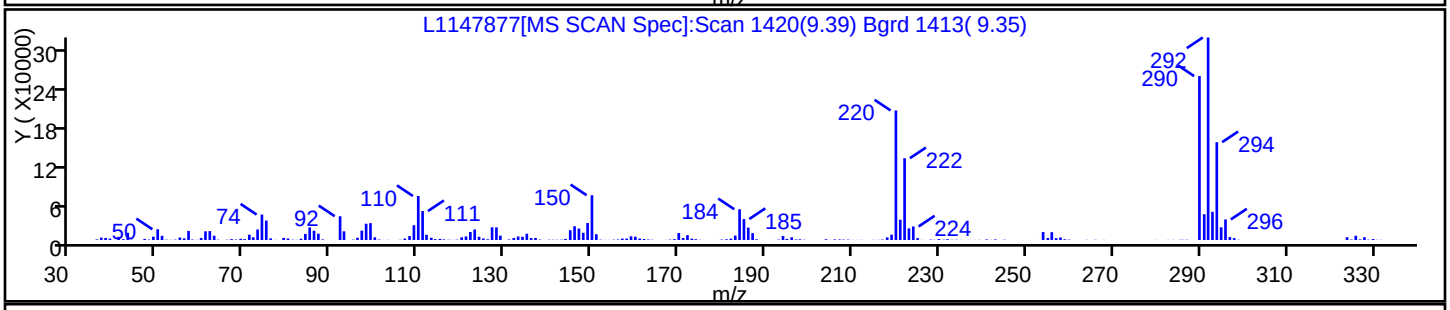
Injection Vol: 1.0 ul Dil. Factor: 10.0000

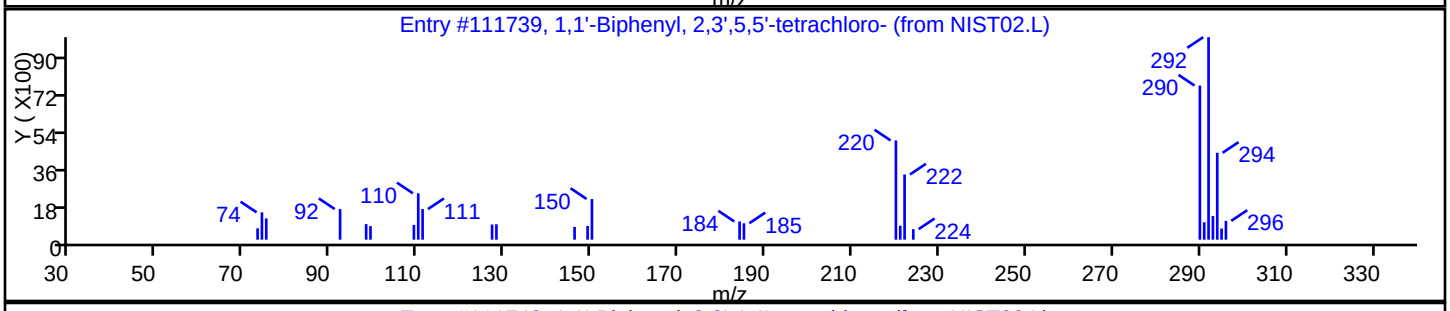
Method: 8270_12R Limit Group: SV 8270 ICAL

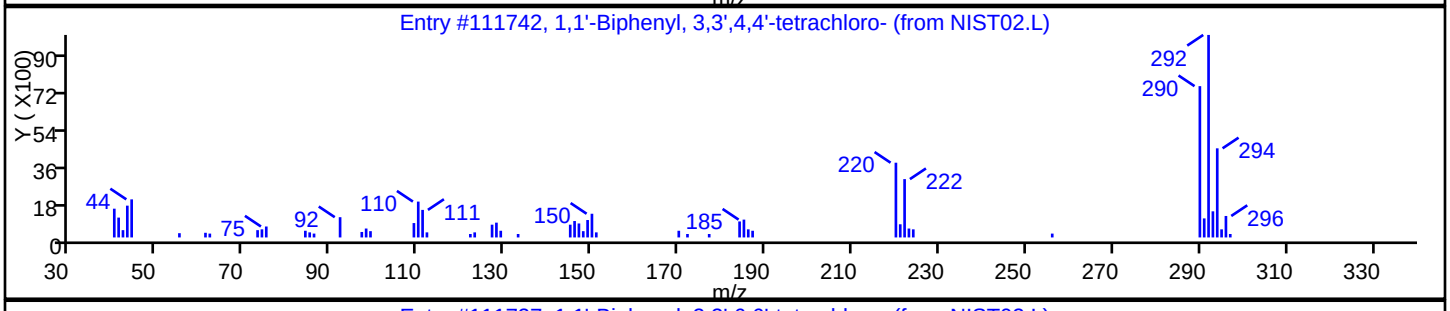
Column: Detector MS SCAN

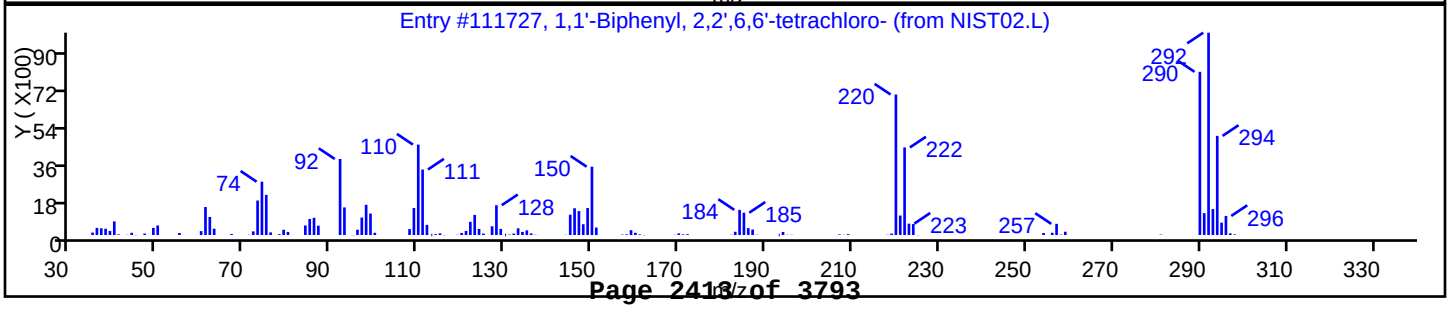
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.L	111739	C12H6Cl4	290	99
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',6,6'-tetrachloro-	15968-05-5	NIST02.L	111727	C12H6Cl4	290	99











Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date: 11-Mar-2014 23:48:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-29-C Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

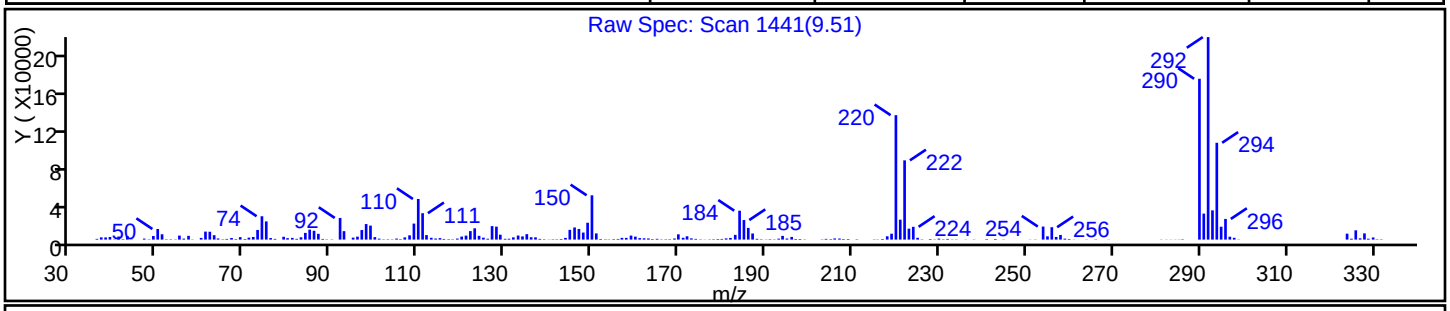
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 20

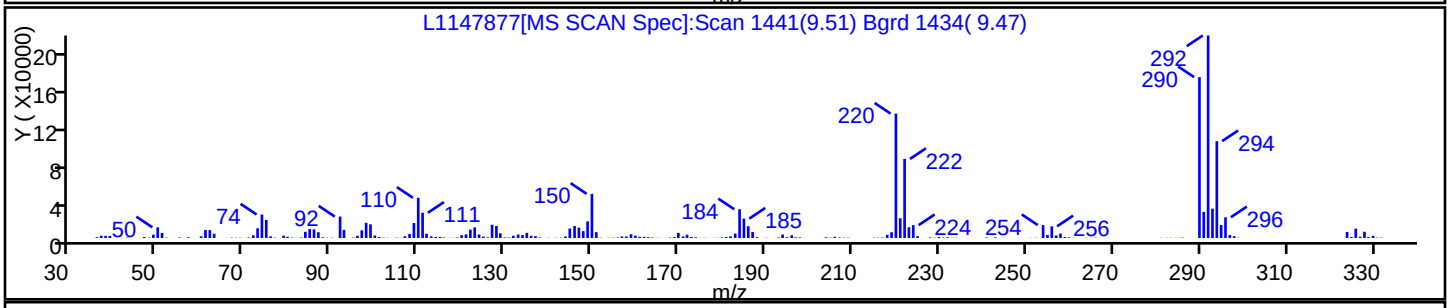
Injection Vol: 1.0 ul Dil. Factor: 10.0000

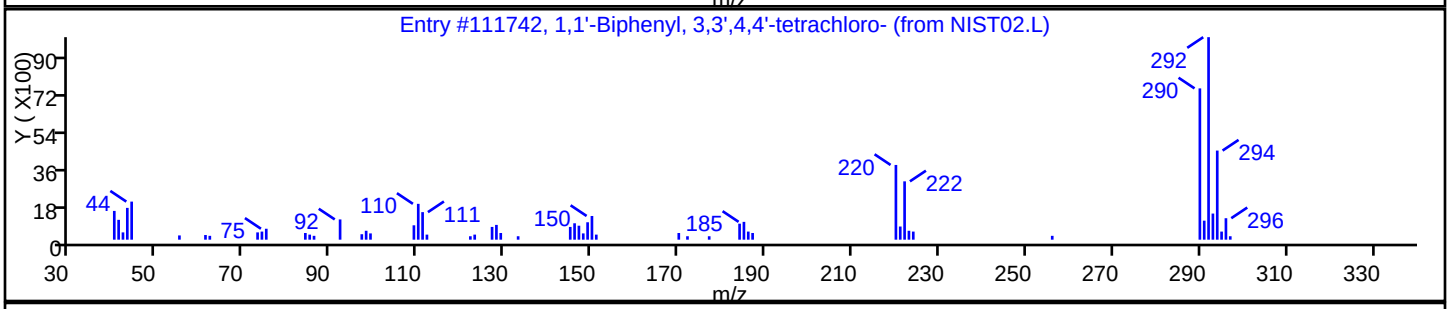
Method: 8270_12R Limit Group: SV 8270 ICAL

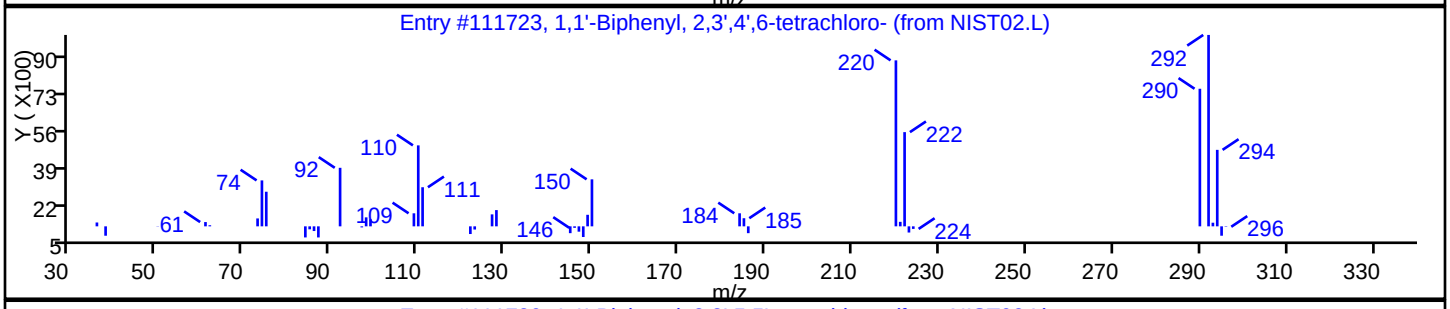
Column: Detector MS SCAN

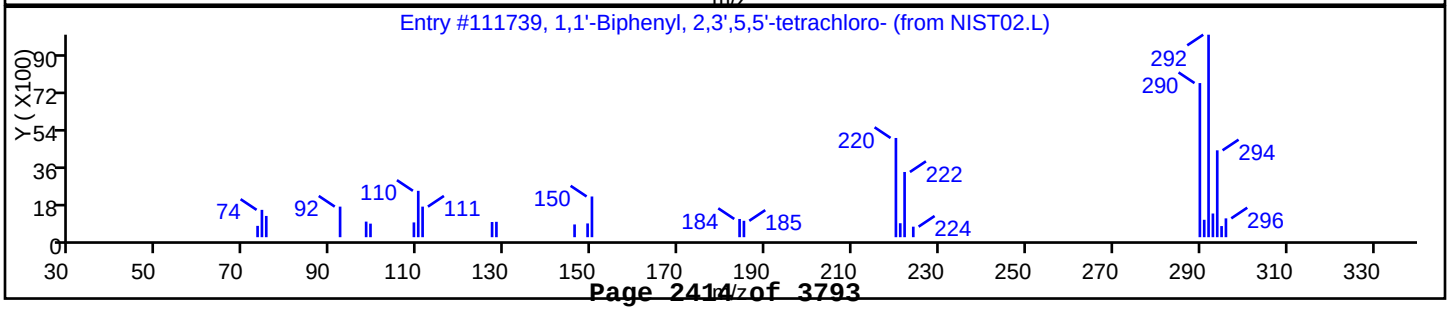
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',4',6-tetrachloro-	41464-46-4	NIST02.L	111723	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.L	111739	C12H6Cl4	290	98











Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date: 11-Mar-2014 23:48:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-29-C Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

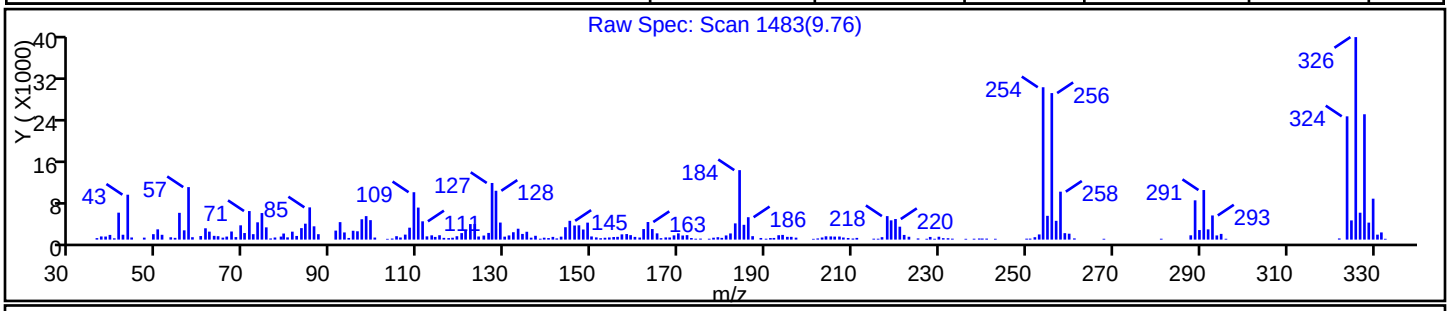
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 20

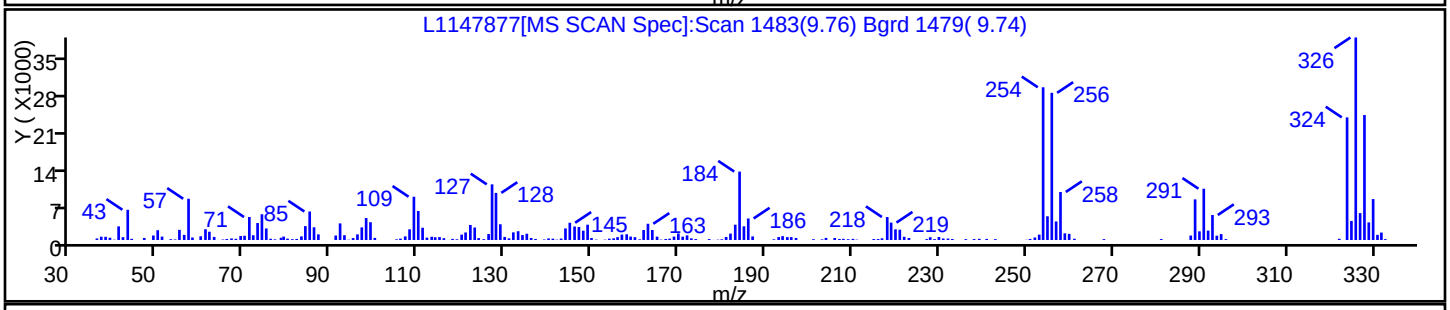
Injection Vol: 1.0 ul Dil. Factor: 10.0000

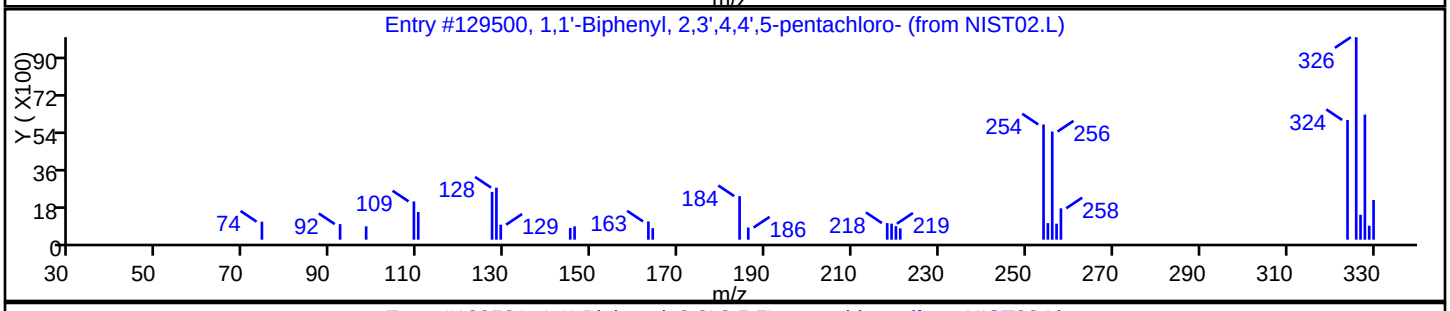
Method: 8270_12R Limit Group: SV 8270 ICAL

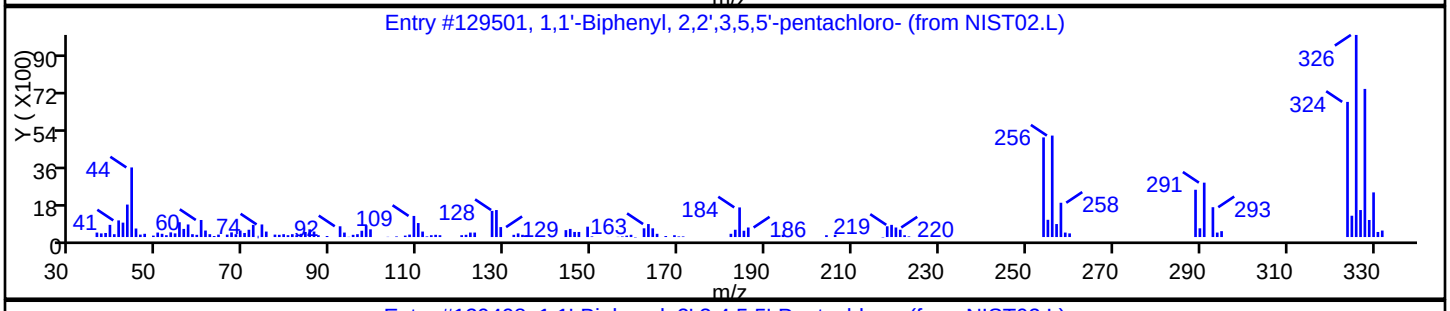
Column: Detector MS SCAN

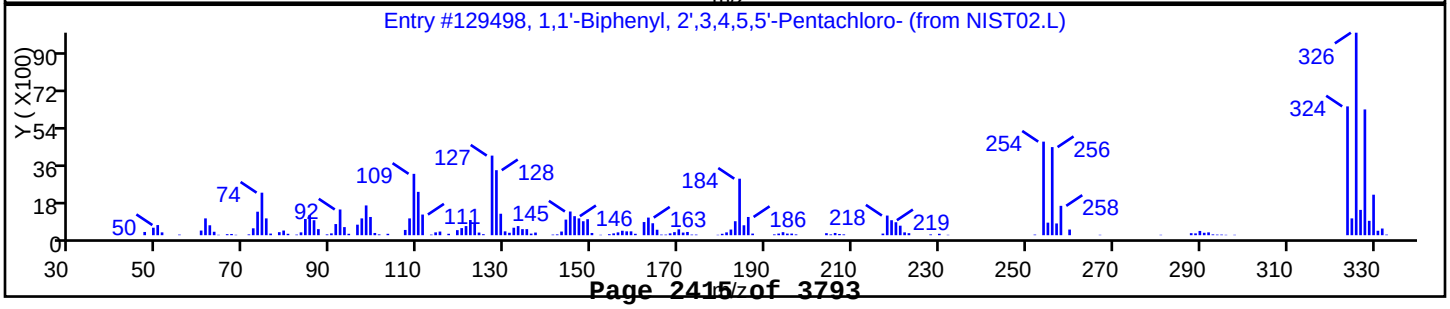
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3',4,4',5-pentachloro-	31508-00-6	NIST02.L	129500	C12H5Cl5	324	99
1,1'-Biphenyl, 2,2',3,5,5'-pentachloro-	52663-61-3	NIST02.L	129501	C12H5Cl5	324	98
1,1'-Biphenyl, 2',3,4,5,5'-Pentachloro-	70424-70-3	NIST02.L	129498	C12H5Cl5	324	97











Report Date: 14-Mar-2014 10:01:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147877.D

Injection Date: 11-Mar-2014 23:48:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-29-C Lab Sample ID: 460-72174-29

Client ID: PMP-24SW-WT

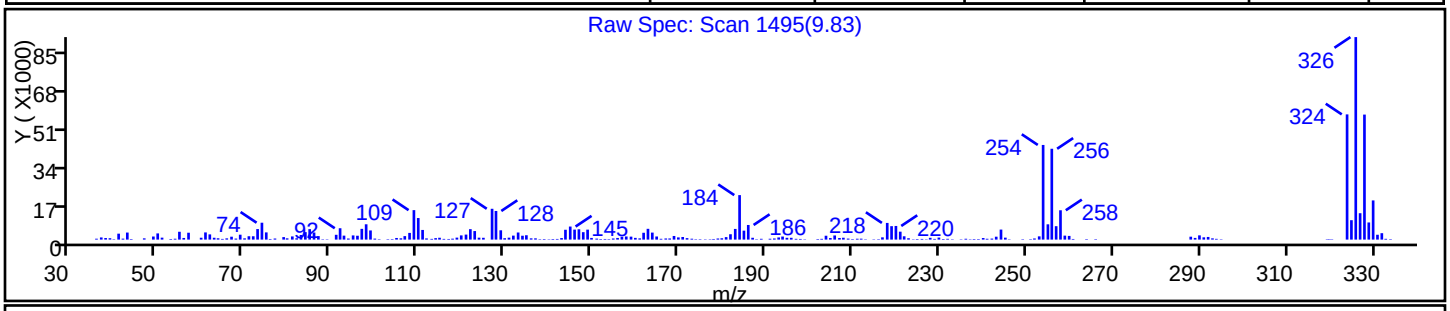
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 20

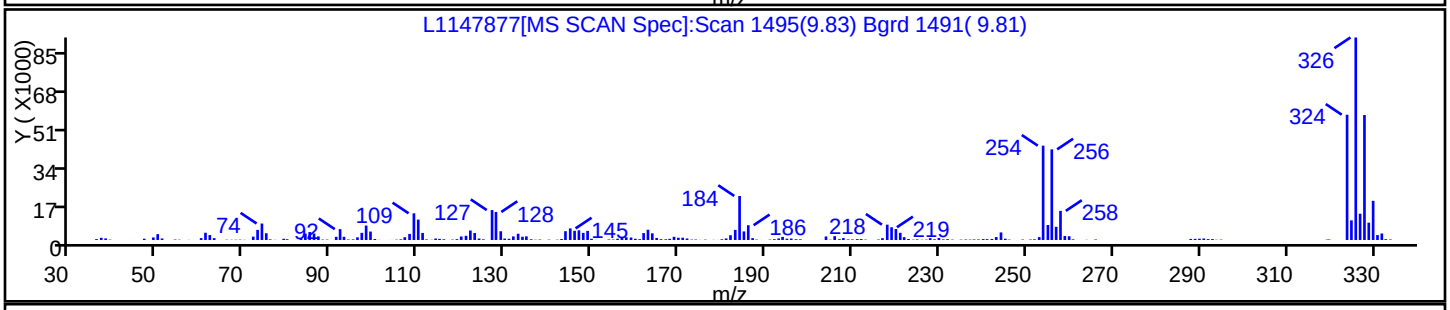
Injection Vol: 1.0 ul Dil. Factor: 10.0000

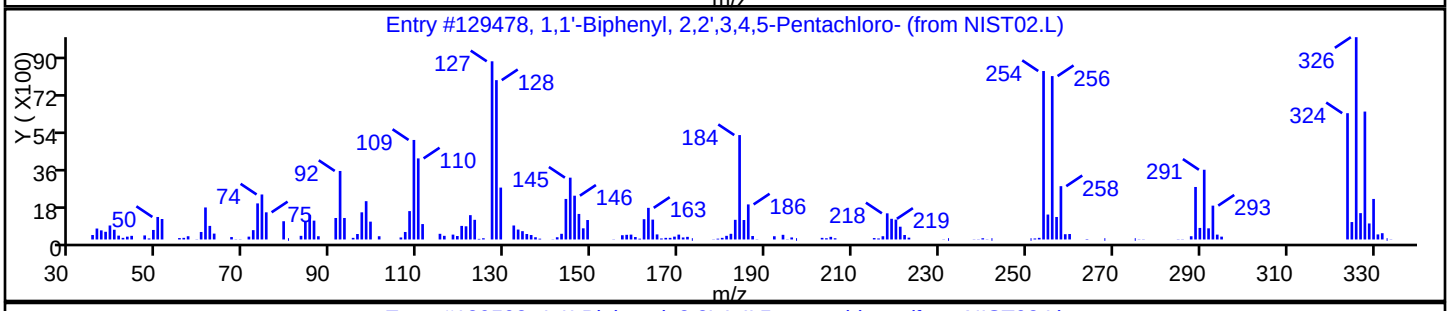
Method: 8270_12R Limit Group: SV 8270 ICAL

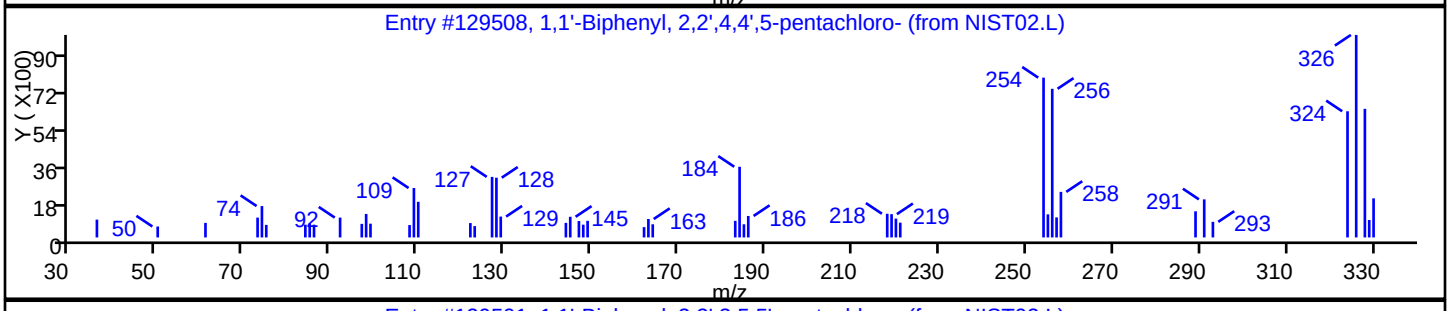
Column: Detector MS SCAN

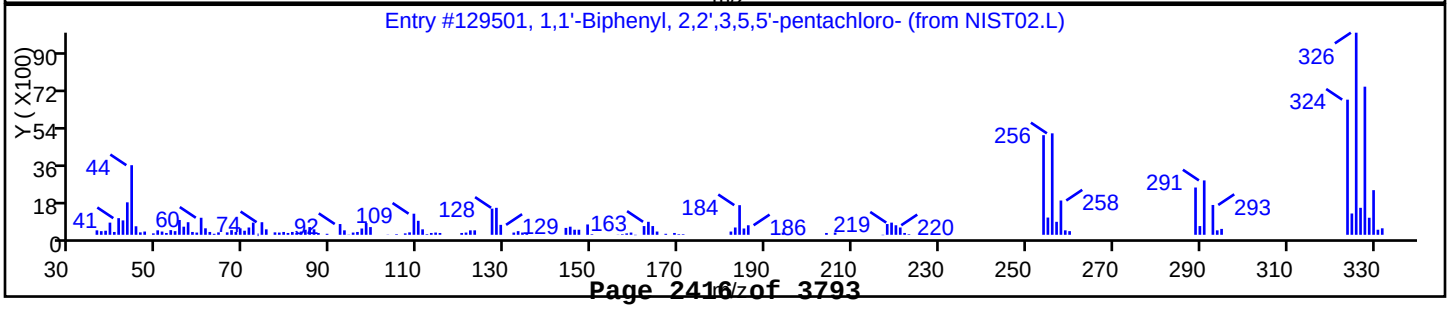
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',3,4,5-Pentachloro-	55312-69-1	NIST02.L	129478	C12H5Cl5	324	99
1,1'-Biphenyl, 2,2',4,4',5-pentachloro-	38380-01-7	NIST02.L	129508	C12H5Cl5	324	98
1,1'-Biphenyl, 2,2',3,5,5'-pentachloro-	52663-61-3	NIST02.L	129501	C12H5Cl5	324	96











FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-SI | Lab Sample ID: 460-72174-30

Matrix: Solid | Lab File ID: x9429.D

Analysis Method: 8270C | Date Collected: 03/06/2014 12:40

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.02(g) | Date Analyzed: 03/14/2014 13:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212566 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	250	U	1900	250
95-57-8	2-Chlorophenol	250	U	1900	250
95-48-7	2-Methylphenol	320	U	1900	320
106-44-5	4-Methylphenol	370	U	1900	370
100-52-7	Benzaldehyde	220	U	1900	220
98-86-2	Acetophenone	290	U	1900	290
111-44-4	Bis(2-chloroethyl)ether	26	U	190	26
108-60-1	2,2'-oxybis[1-chloropropane]	210	U	1900	210
621-64-7	N-Nitrosodi-n-propylamine	32	U	190	32
98-95-3	Nitrobenzene	27	U *	190	27
67-72-1	Hexachloroethane	21	U	190	21
78-59-1	Isophorone	230	U	1900	230
88-75-5	2-Nitrophenol	210	U	1900	210
105-67-9	2,4-Dimethylphenol	470	U	1900	470
120-83-2	2,4-Dichlorophenol	280	U	1900	280
111-91-1	Bis(2-chloroethoxy)methane	240	U	1900	240
91-20-3	Naphthalene	220	U	1900	220
106-47-8	4-Chloroaniline	500	U	1900	500
87-68-3	Hexachlorobutadiene	46	U	380	46
105-60-2	Caprolactam	430	U	1900	430
59-50-7	4-Chloro-3-methylphenol	280	U	1900	280
91-57-6	2-Methylnaphthalene	240	U	1900	240
118-74-1	Hexachlorobenzene	26	U	190	26
77-47-4	Hexachlorocyclopentadiene	220	U	1900	220
88-06-2	2,4,6-Trichlorophenol	220	U	1900	220
95-95-4	2,4,5-Trichlorophenol	240	U	1900	240
92-52-4	Diphenyl	250	U	1900	250
91-58-7	2-Chloronaphthalene	210	U	1900	210
88-74-4	2-Nitroaniline	790	U	1900	790
606-20-2	2,6-Dinitrotoluene	57	U	380	57
131-11-3	Dimethyl phthalate	220	U	1900	220
208-96-8	Acenaphthylene	220	U	1900	220
99-09-2	3-Nitroaniline	670	U	1900	670
83-32-9	Acenaphthene	280	U	1900	280

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-SI | Lab Sample ID: 460-72174-30

Matrix: Solid | Lab File ID: x9429.D

Analysis Method: 8270C | Date Collected: 03/06/2014 12:40

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.02(g) | Date Analyzed: 03/14/2014 13:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212566 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1900	1200
51-28-5	2,4-Dinitrophenol	1100	U	3800	1100
132-64-9	Dibenzofuran	220	U	1900	220
84-66-2	Diethyl phthalate	220	U	1900	220
86-73-7	Fluorene	280	J	1900	240
206-44-0	Fluoranthene	250	U	1900	250
84-74-2	Di-n-butyl phthalate	230	U	1900	230
121-14-2	2,4-Dinitrotoluene	62	U	380	62
7005-72-3	4-Chlorophenyl phenyl ether	220	U	1900	220
100-01-6	4-Nitroaniline	590	U	3800	590
534-52-1	4,6-Dinitro-2-methylphenol	510	U	3800	510
101-55-3	4-Bromophenyl phenyl ether	190	U	1900	190
1912-24-9	Atrazine	290	U	1900	290
120-12-7	Anthracene	230	U	1900	230
86-74-8	Carbazole	220	U	1900	220
85-01-8	Phenanthrene	990	J	1900	240
87-86-5	Pentachlorophenol	560	U	3800	560
129-00-0	Pyrene	160	U	1900	160
218-01-9	Chrysene	220	U	1900	220
207-08-9	Benzo[k]fluoranthene	14	U	190	14
191-24-2	Benzo[g,h,i]perylene	140	U	1900	140
205-99-2	Benzo[b]fluoranthene	12	U	190	12
50-32-8	Benzo[a]pyrene	13	U	190	13
56-55-3	Benzo[a]anthracene	13	U	190	13
86-30-6	N-Nitrosodiphenylamine	190	U	1900	190
85-68-7	Butyl benzyl phthalate	170	U	1900	170
117-81-7	Bis(2-ethylhexyl) phthalate	630	U	1900	630
117-84-0	Di-n-octyl phthalate	120	U	1900	120
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	190	35
53-70-3	Dibenz(a,h)anthracene	24	U	190	24
91-94-1	3,3'-Dichlorobenzidine	660	U	1900	660
95-94-3	1,2,4,5-Tetrachlorobenzene	250	U	1900	250
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	1900	250

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-SI Lab Sample ID: 460-72174-30

Matrix: Solid Lab File ID: x9429.D

Analysis Method: 8270C Date Collected: 03/06/2014 12:40

Extract. Method: 3541 Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.02(g) Date Analyzed: 03/14/2014 13:42

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 12.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212566 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	94		40-106
4165-62-2	Phenol-d5	85		44-104
1718-51-0	Terphenyl-d14	86		41-145
118-79-6	2,4,6-Tribromophenol	87		19-114
367-12-4	2-Fluorophenol	85		39-103
321-60-8	2-Fluorobiphenyl	107		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-SI | Lab Sample ID: 460-72174-30

Matrix: Solid | Lab File ID: x9429.D

Analysis Method: 8270C | Date Collected: 03/06/2014 12:40

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.02(g) | Date Analyzed: 03/14/2014 13:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212566 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 397000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown alkane	6.84	12000	J
	Unknown alkane	7.05	20000	J
	Unknown alkane	7.54	32000	J
	Unknown	7.75	24000	J
	Unknown alkane	8.01	37000	J
	Unknown	8.02	17000	J
16605-91-7	1,1'-Biphenyl, 2,3-dichloro-	8.05	13000	J N
2050-68-2	1,1'-Biphenyl, 4,4'-dichloro-	8.11	21000	J N
	Unknown	8.19	13000	J
37680-65-2	1,1'-Biphenyl, 2,2',5-trichloro-	8.28	13000	J N
	Unknown alkane	8.45	25000	J
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.48	27000	J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	8.63	23000	J N
	Unknown alkane	8.86	24000	J
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	8.88	25000	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.95	18000	J N
2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	9.15	12000	J N
32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	9.63	13000	J N
	Unknown alkane	10.00	16000	J
39485-83-1	1,1'-Biphenyl, 2,2',4,4',6-Pentachloro-	10.10	12000	J N

Report Date: 14-Mar-2014 15:44:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D
Lims ID: 460-72174-F-30-C Lab Sample ID: 460-72174-30
Client ID: PMP-24SW-SI
Sample Type: Client
Inject. Date: 14-Mar-2014 13:42:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0010857-020
Operator ID: Instrument ID: CBNAMS5

Method: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\8270_5R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 15:44:29 Calib Date: 11-Mar-2014 10:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS5\20140311-10688.b\x9292.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: ranav Date: 14-Mar-2014 14:12:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.817	2.811	0.006	92	90726	8.49	
$ 6 Phenol-d5	99	3.735	3.752	-0.017	69	110366	8.55	
* 13 1,4-Dichlorobenzene-d4	152	4.035	4.035	0.0	98	279557	40.0	
$ 25 Nitrobenzene-d5	82	4.588	4.605	-0.017	92	99669	9.42	
* 35 Naphthalene-d8	136	5.317	5.317	0.0	100	974695	40.0	
37 4-Chloroaniline	127	5.411	5.417	-0.006	92	7055	0.7177	
41 2-Methylnaphthalene	142	6.029	6.035	-0.006	80	6022	0.3825	
$ 48 2-Fluorobiphenyl	172	6.399	6.411	-0.012	94	150948	10.7	
* 61 Acenaphthene-d10	164	7.064	7.064	0.0	92	413519	40.0	
70 Fluorene	166	7.599	7.605	-0.006	2	8627	0.7267	
$ 76 2,4,6-Tribromophenol	330	7.846	7.846	0.0	55	15217	8.74	
* 83 Phenanthrene-d10	188	8.523	8.517	0.006	88	480164	40.0	
84 Phenanthrene	178	8.540	8.540	0.0	2	33479	2.61	
90 Pyrene	202	9.923	9.923	0.001	83	2061	0.1769	
$ 91 Terphenyl-d14	244	10.081	10.081	0.0	96	74694	8.61	
* 96 Chrysene-d12	240	11.205	11.205	0.0	99	282263	40.0	
98 Bis(2-ethylhexyl) phthalate	149	11.258	11.258	0.0	57	2164	0.3895	
* 103 Perylene-d12	264	13.040	13.046	-0.006	99	201359	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D
Lims ID: 460-72174-F-30-C Lab Sample ID: 460-72174-30
Client ID: PMP-24SW-SI
Sample Type: Client
Inject. Date: 14-Mar-2014 13:42:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0010857-020
Operator ID: Instrument ID: CBNAMS5

Method: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\8270_5R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 15:44:29 Calib Date: 11-Mar-2014 10:31:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: ranav Date: 14-Mar-2014 14:12:12

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	Unknown alkane							
6.835	2520896	31.4	61	0	0		0	
	Unknown alkane							
7.046	4149147	51.6	61	0	0		0	
	Unknown alkane							
7.540	6710247	83.5	61	0	0		0	
	Unknown							
7.752	5111923	63.6	61					
	Unknown alkane							
8.005	9373855	97.1	83	0	0		0	
	Unknown							
8.023	4407132	45.6	83					
	16605-91-7	1,1'-Biphenyl, 2,3-dichloro-						
8.046	3370711	34.9	83	94	70592	C12H8Cl2	222	
	2050-68-2	1,1'-Biphenyl, 4,4'-dichloro-						
8.111	5348558	55.4	83	98	70598	C12H8Cl2	222	
	Unknown							
8.187	3422615	35.5	83					
	37680-65-2	1,1'-Biphenyl, 2,2',5-trichloro-						
8.276	3243960	33.6	83	98	91795	C12H7Cl3	256	
	Unknown alkane							
8.446	6328742	65.6	83	0	0		0	
	16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-						
8.476	6882757	71.3	83	98	91798	C12H7Cl3	256	

Report Date: 14-Mar-2014 15:44:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-						
8.634	5808729	60.2	83	98	91793	C12H7Cl3	256	
		Unknown alkane						
8.858	6075940	62.9	83	0	0		0	
	7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-						
8.881	6404726	66.3	83	98	91797	C12H7Cl3	256	
	16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-						
8.952	4609398	47.7	83	99	91788	C12H7Cl3	256	
	2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-						
9.146	3085577	32.0	83	99	111724	C12H6Cl4	290	
	32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-						
9.634	3370991	34.9	83	99	111742	C12H6Cl4	290	
		Unknown alkane						
9.999	921606	42.8	96	0	0		0	
	39485-83-1	1,1'-Biphenyl, 2,2',4,4',6-Pentachloro-						
10.099	663575	30.8	96	96	129504	C12H5Cl5	324	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.064	3213801	40.0
* 83 Phenanthrene-d10	8.523	3861705	40.0
* 96 Chrysene-d12	11.199	862021	40.0

QC Flag Legend

Processing Flags

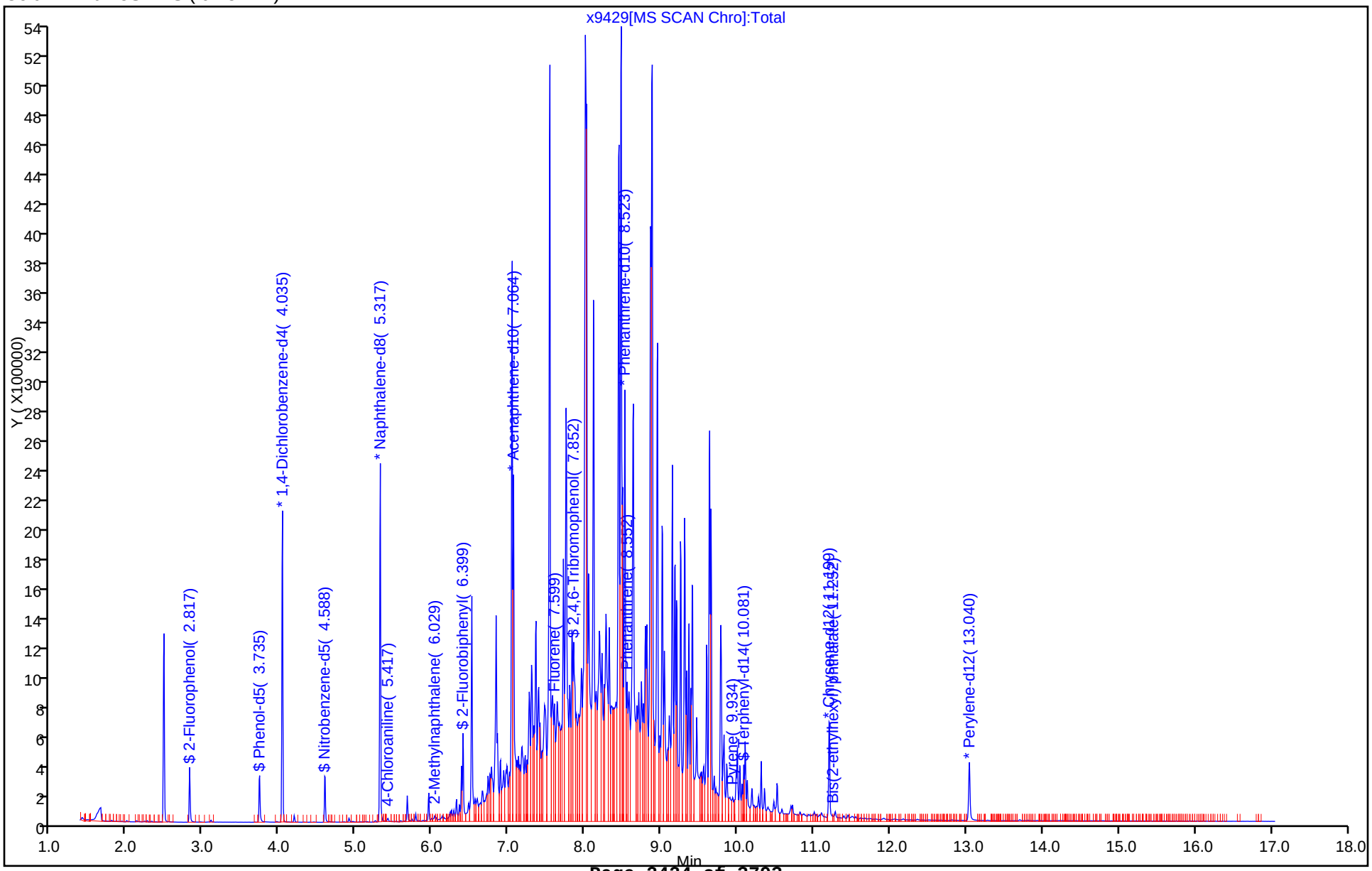
Report Date: 14-Mar-2014 15:44:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D

Injection Date:	14-Mar-2014 13:42:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-72174-F-30-C	Lab Sample ID:	460-72174-30	Worklist Smp#:	20
Client ID:	PMP-24SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	20
Method:	8270_5R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



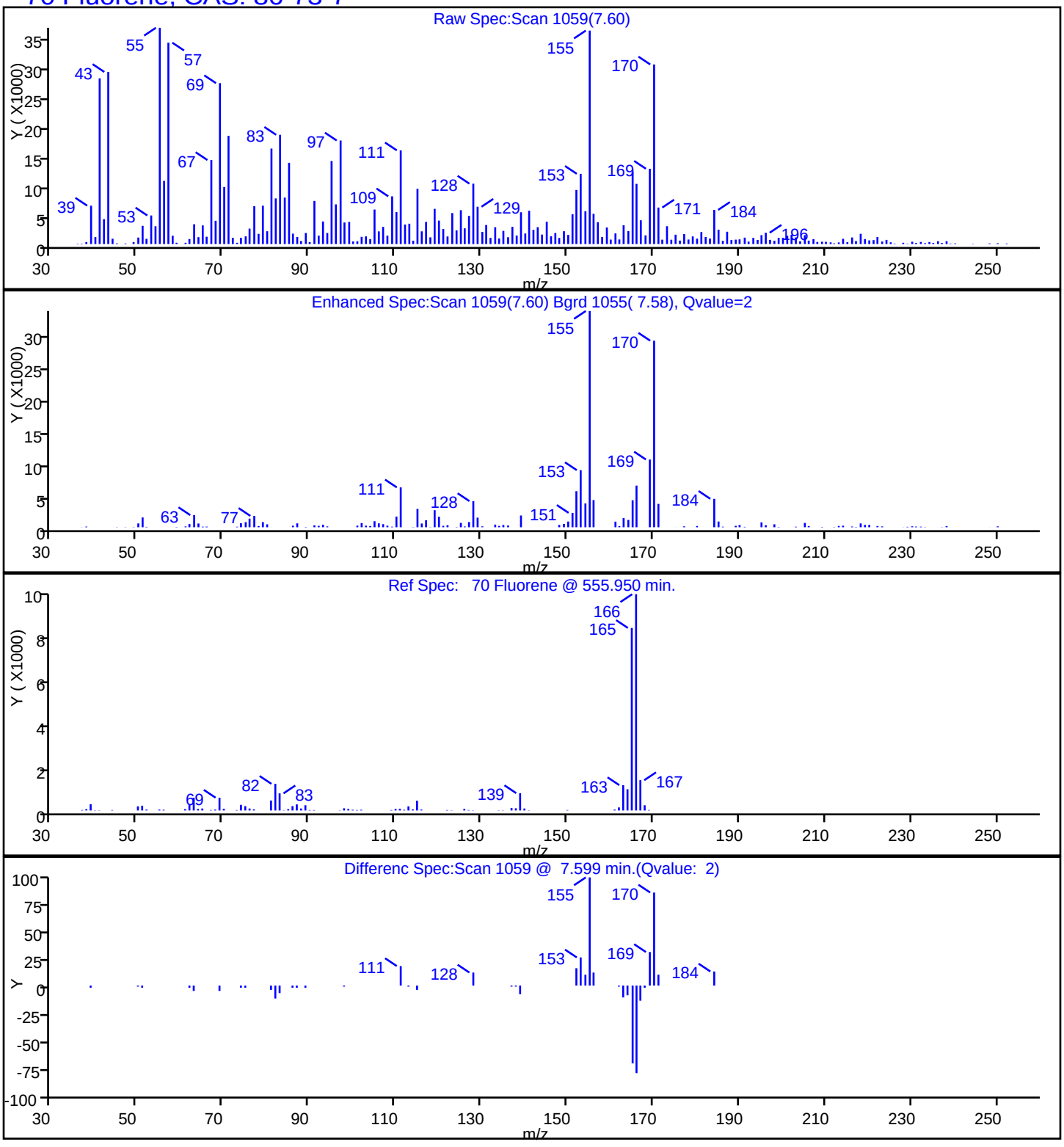
Report Date: 14-Mar-2014 15:44:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D

Injection Date:	14-Mar-2014 13:42:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-30-C	Lab Sample ID:	460-72174-30		
Client ID:	PMP-24SW-SI				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

70 Fluorene, CAS: 86-73-7



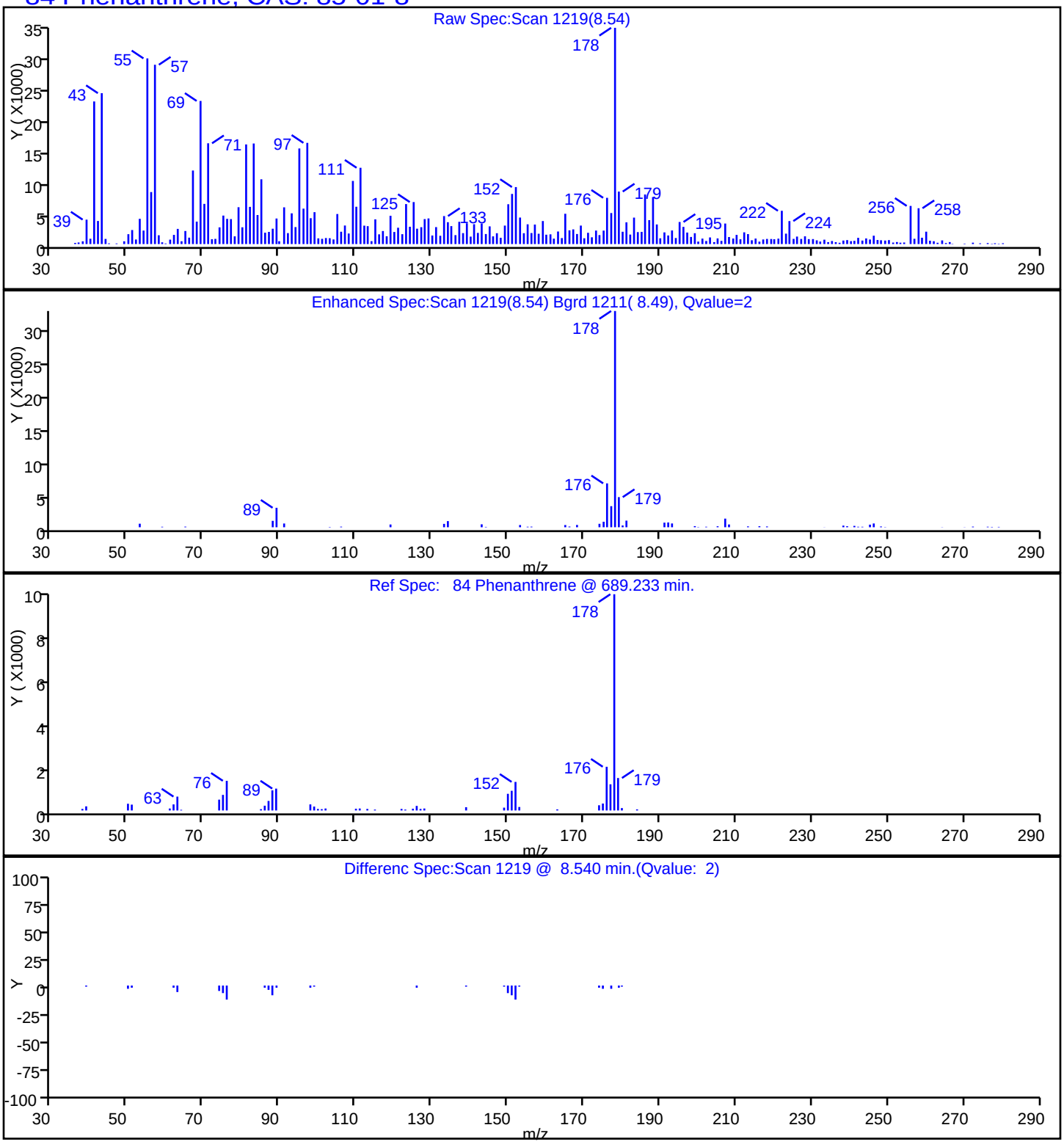
Report Date: 14-Mar-2014 15:44:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D

Injection Date:	14-Mar-2014 13:42:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-30-C	Lab Sample ID:	460-72174-30		
Client ID:	PMP-24SW-SI				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

84 Phenanthrene, CAS: 85-01-8



Report Date: 14-Mar-2014 15:44:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D

Injection Date: 14-Mar-2014 13:42:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-30-C Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

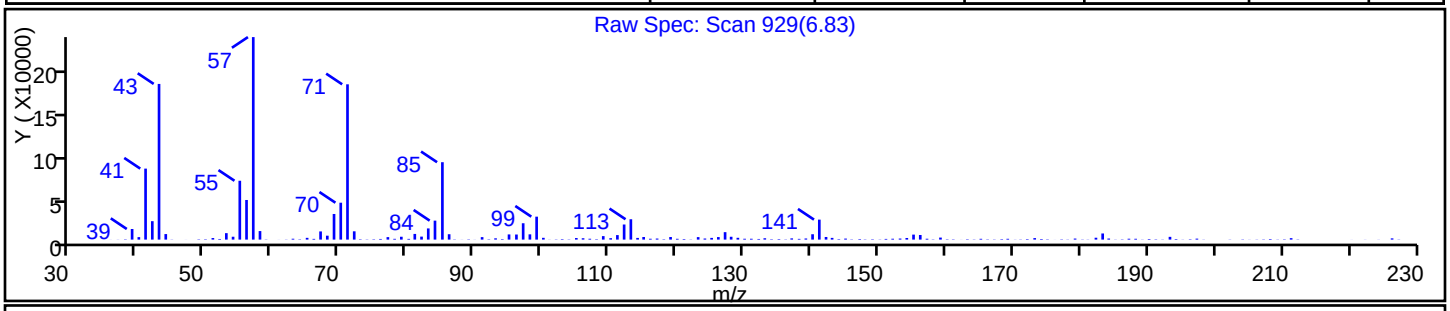
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

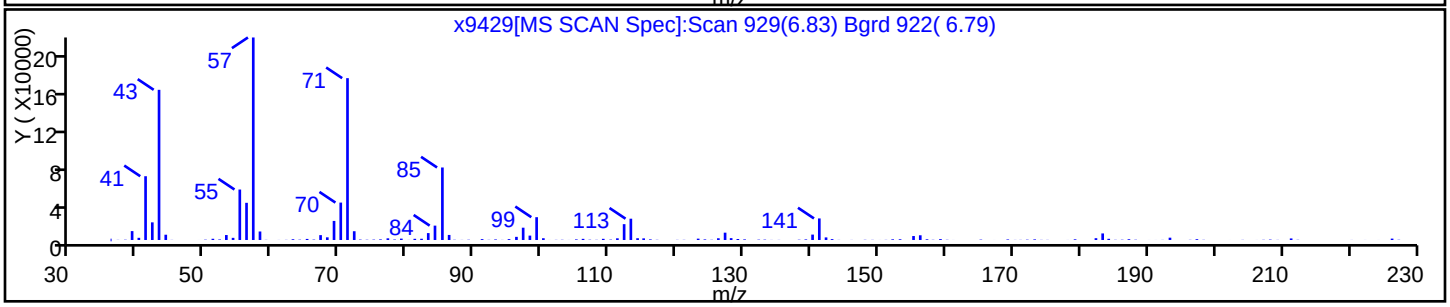
Injection Vol: 1.0 ul Dil. Factor: 5.0000

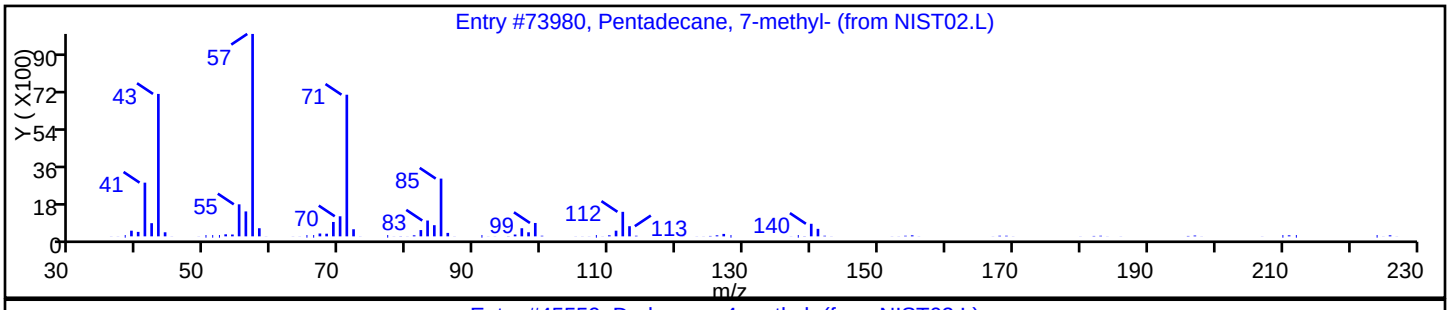
Method: 8270_5R Limit Group: SV 8270 ICAL

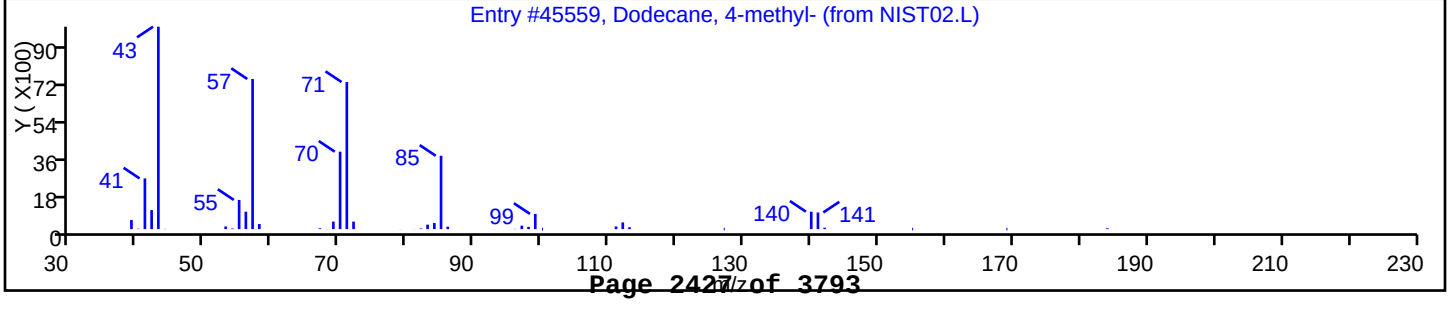
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Pentadecane, 7-methyl-	6165-40-8	NIST02.L	73980	C16H34	226	90
Dodecane, 4-methyl-	6117-97-1	NIST02.L	45559	C13H28	184	87









Report Date: 14-Mar-2014 15:44:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D

Injection Date: 14-Mar-2014 13:42:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-30-C Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

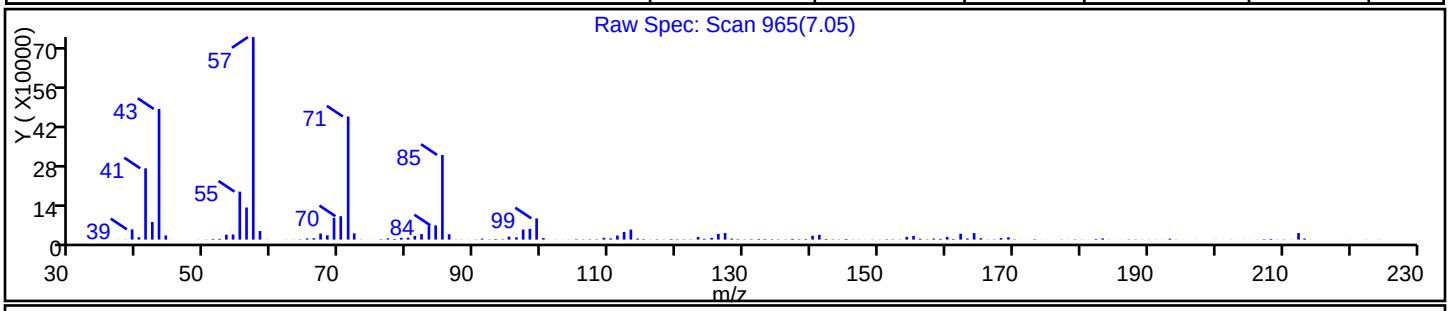
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

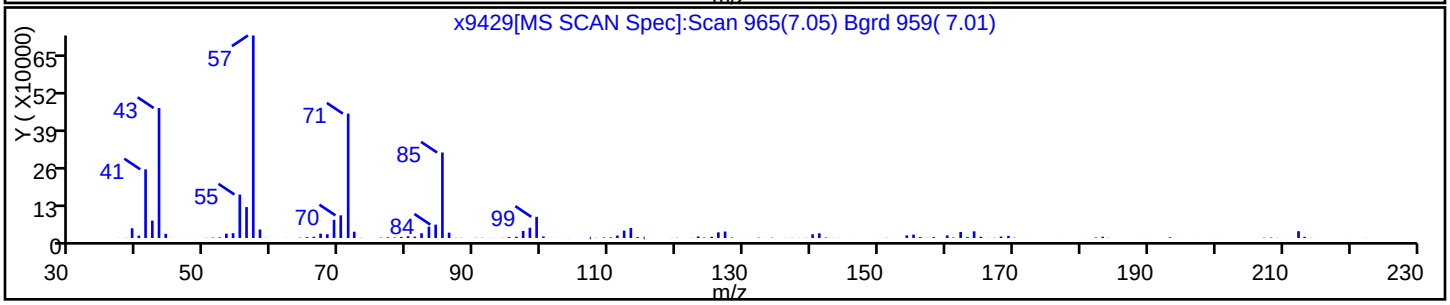
Injection Vol: 1.0 ul Dil. Factor: 5.0000

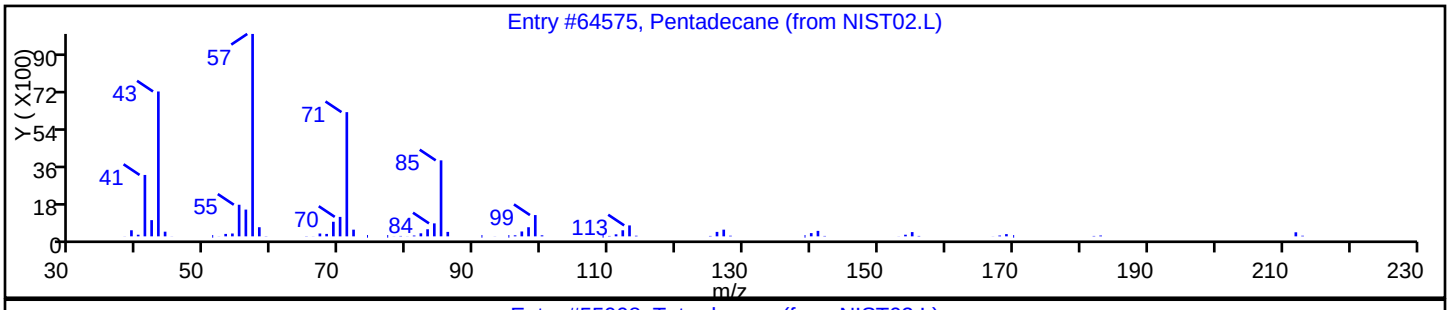
Method: 8270_5R Limit Group: SV 8270 ICAL

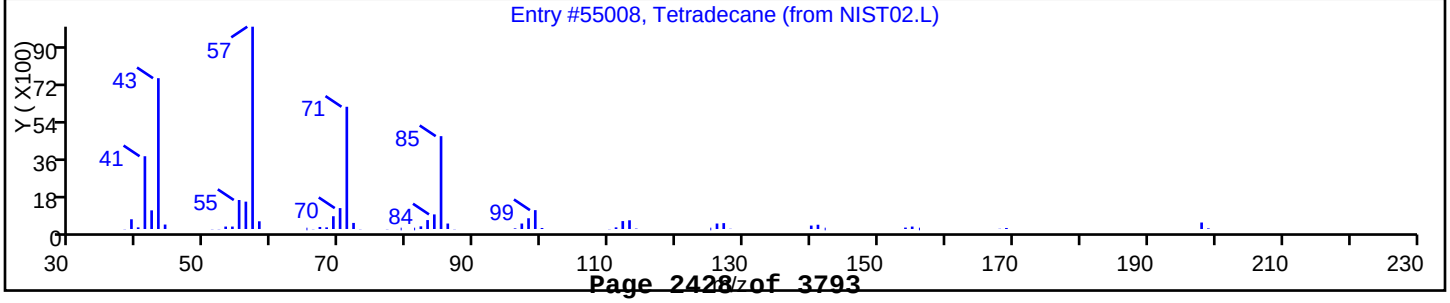
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Pentadecane	629-62-9	NIST02.L	64575	C15H32	212	96
Tetradecane	629-59-4	NIST02.L	55008	C14H30	198	91









Report Date: 14-Mar-2014 15:44:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D

Injection Date: 14-Mar-2014 13:42:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-30-C Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

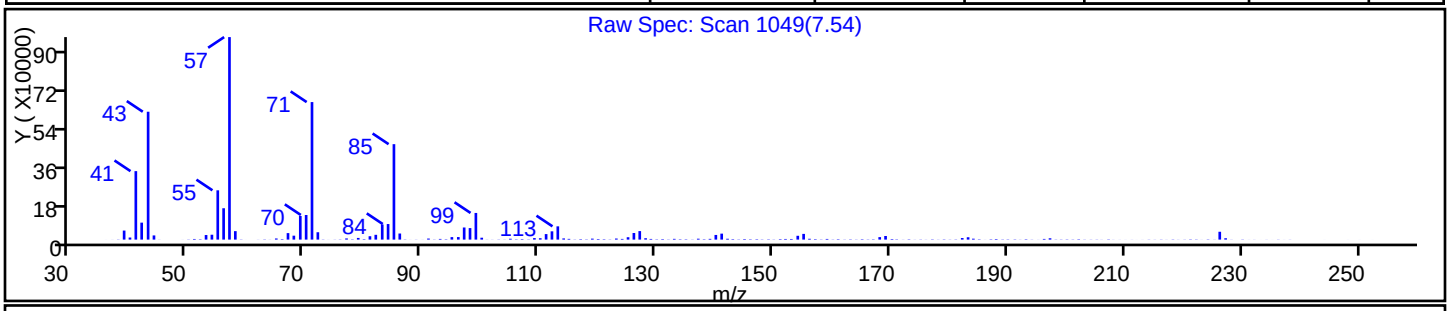
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

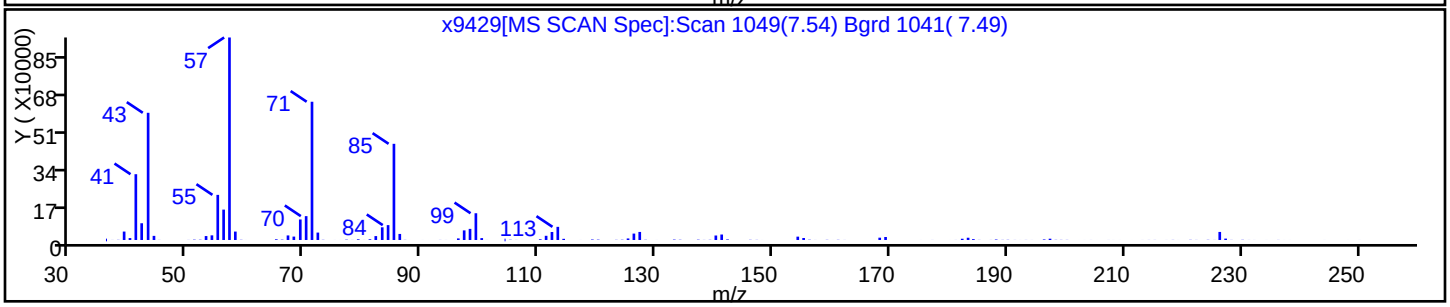
Injection Vol: 1.0 ul Dil. Factor: 5.0000

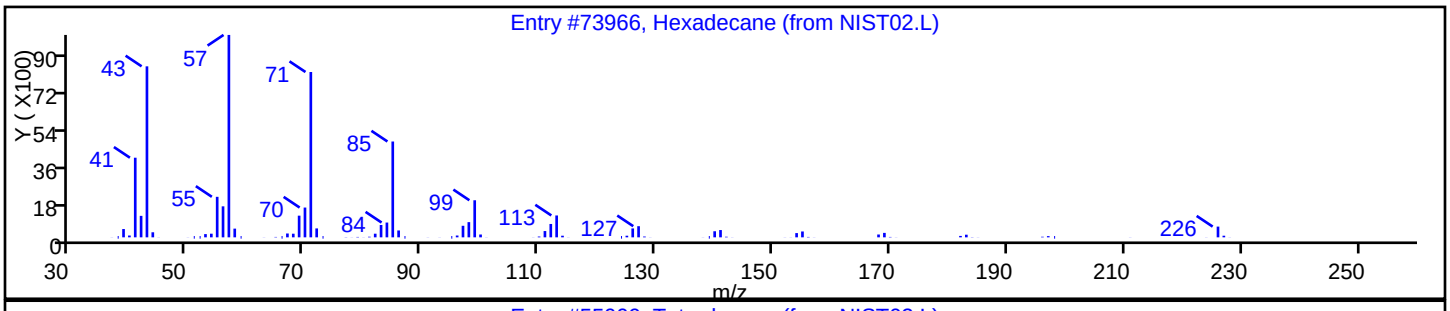
Method: 8270_5R Limit Group: SV 8270 ICAL

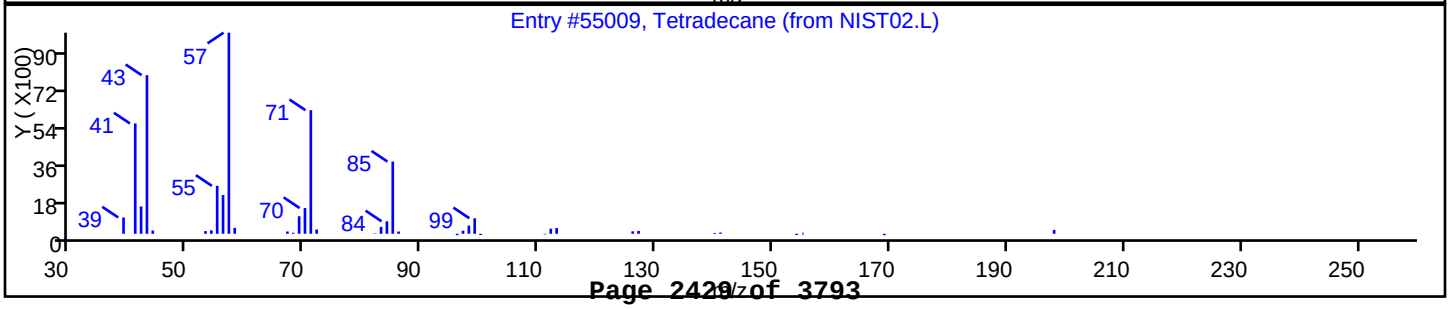
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane	544-76-3	NIST02.L	73966	C16H34	226	96
Tetradecane	629-59-4	NIST02.L	55009	C14H30	198	95









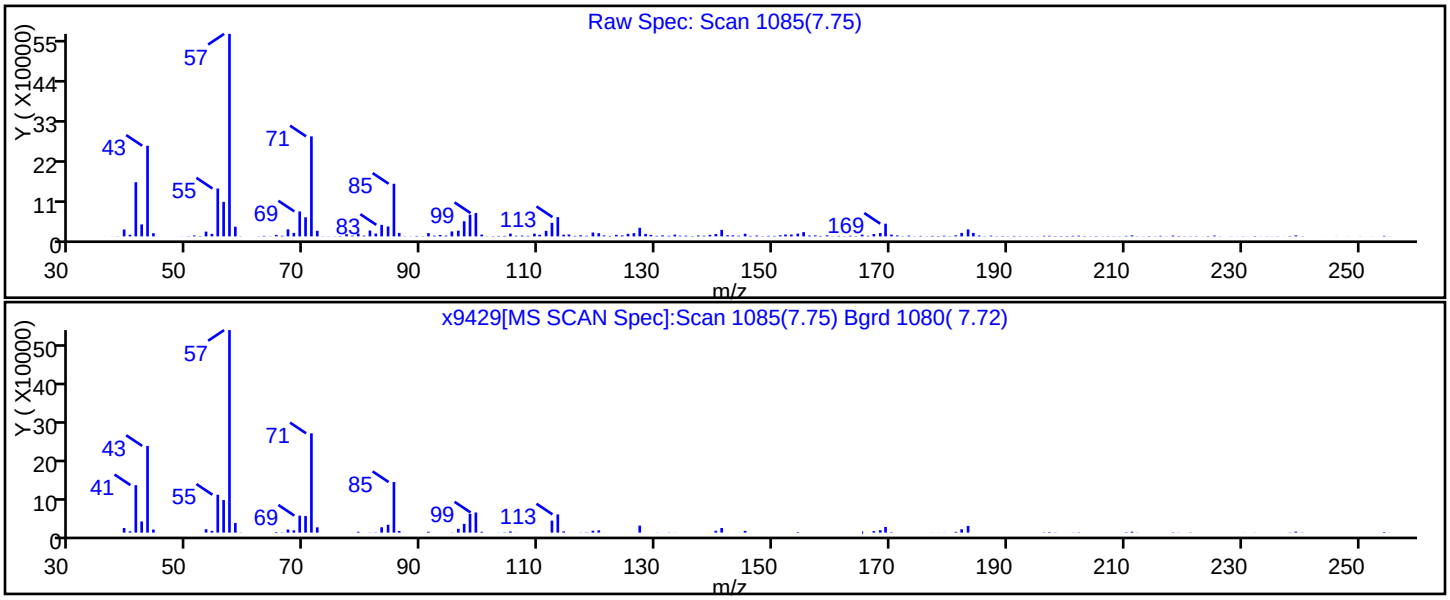
Report Date: 14-Mar-2014 15:44:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D

Injection Date:	14-Mar-2014 13:42:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-30-C	Lab Sample ID:	460-72174-30		
Client ID:	PMP-24SW-SI				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 14-Mar-2014 15:44:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D

Injection Date: 14-Mar-2014 13:42:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-30-C Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

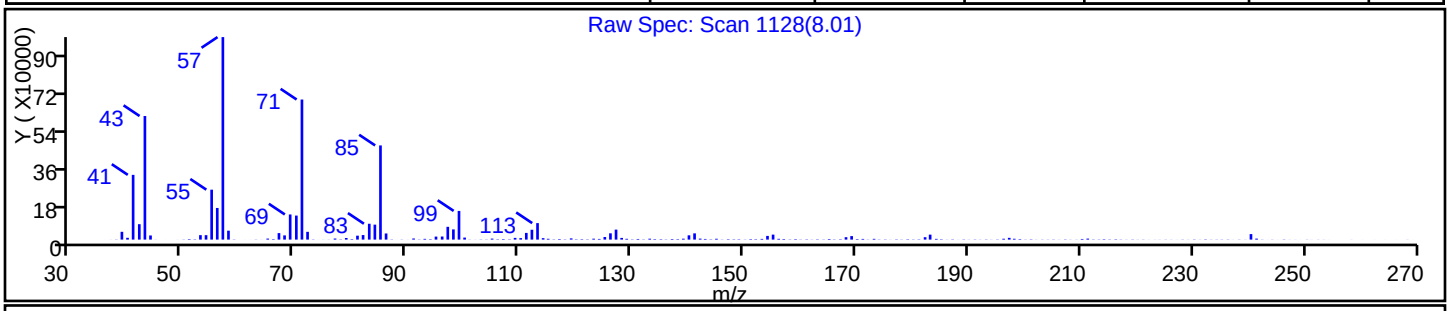
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

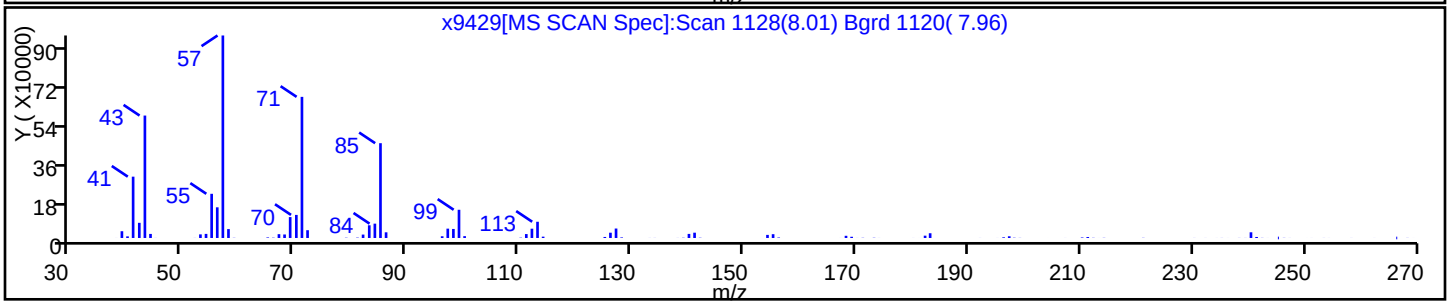
Injection Vol: 1.0 ul Dil. Factor: 5.0000

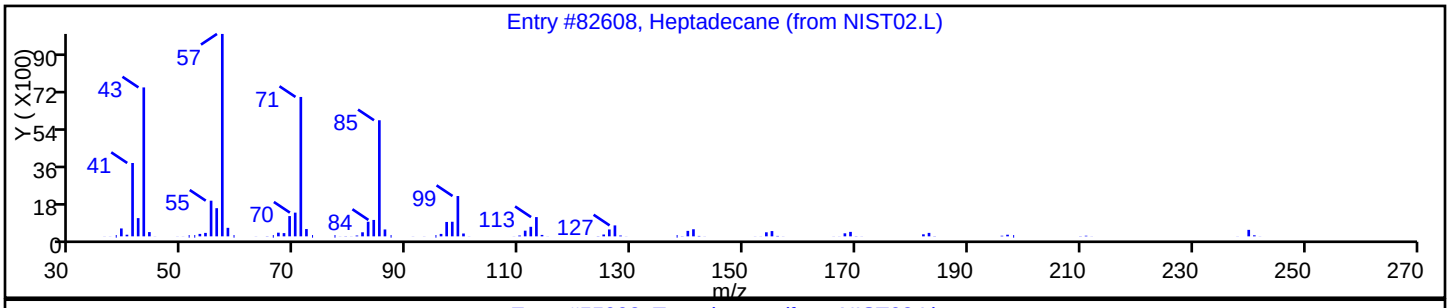
Method: 8270_5R Limit Group: SV 8270 ICAL

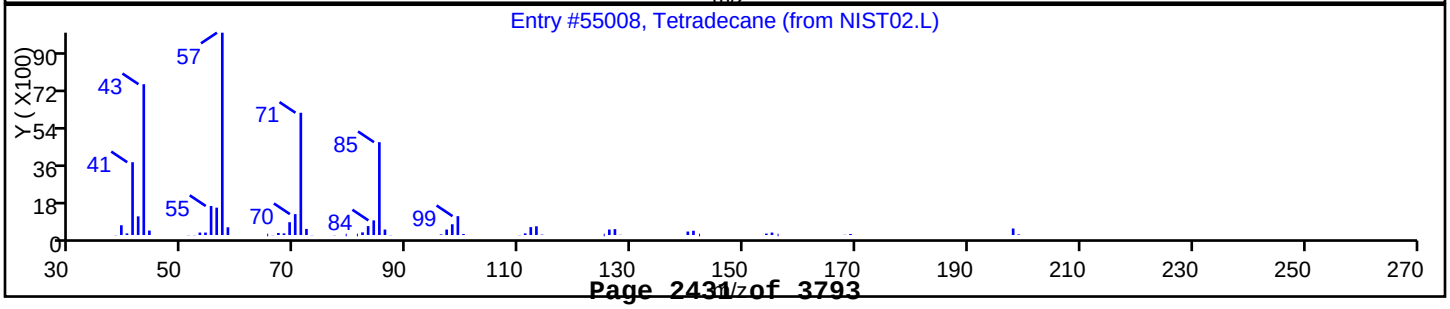
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Heptadecane	629-78-7	NIST02.L	82608	C17H36	240	97
Tetradecane	629-59-4	NIST02.L	55008	C14H30	198	91









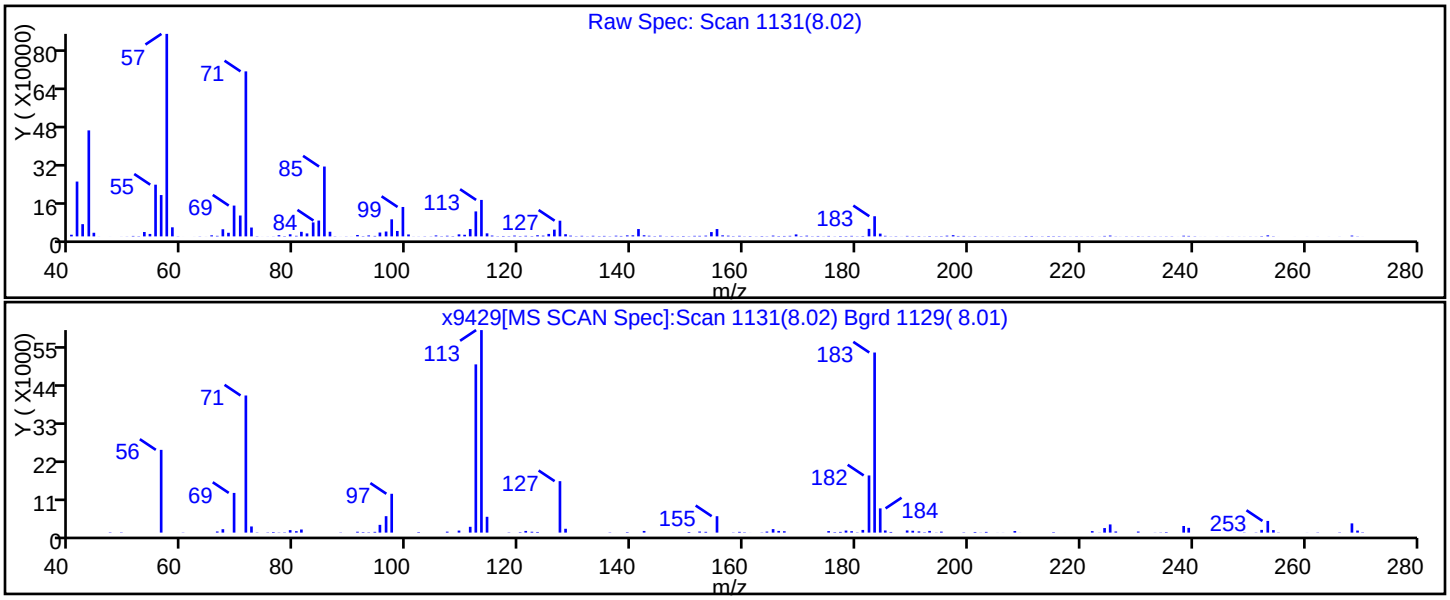
Report Date: 14-Mar-2014 15:44:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D

Injection Date:	14-Mar-2014 13:42:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-30-C	Lab Sample ID:	460-72174-30		
Client ID:	PMP-24SW-SI				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 14-Mar-2014 15:44:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D

Injection Date: 14-Mar-2014 13:42:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-30-C Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

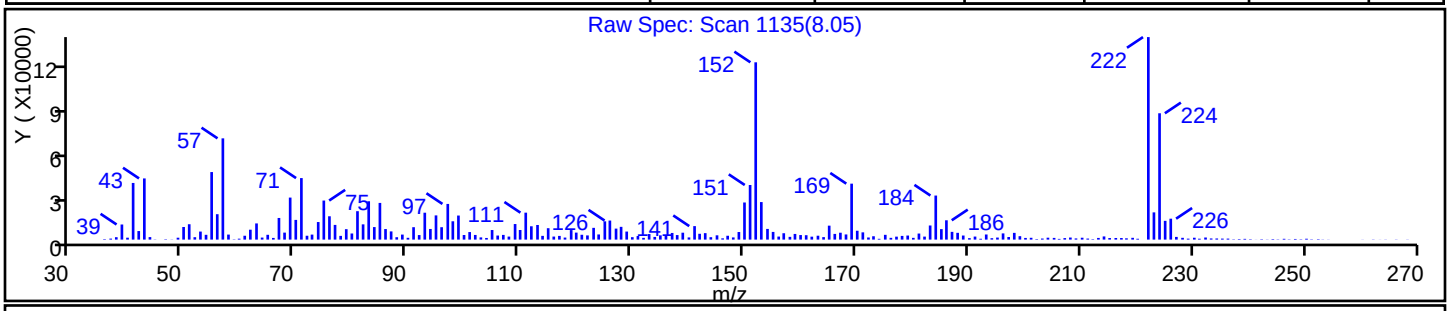
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

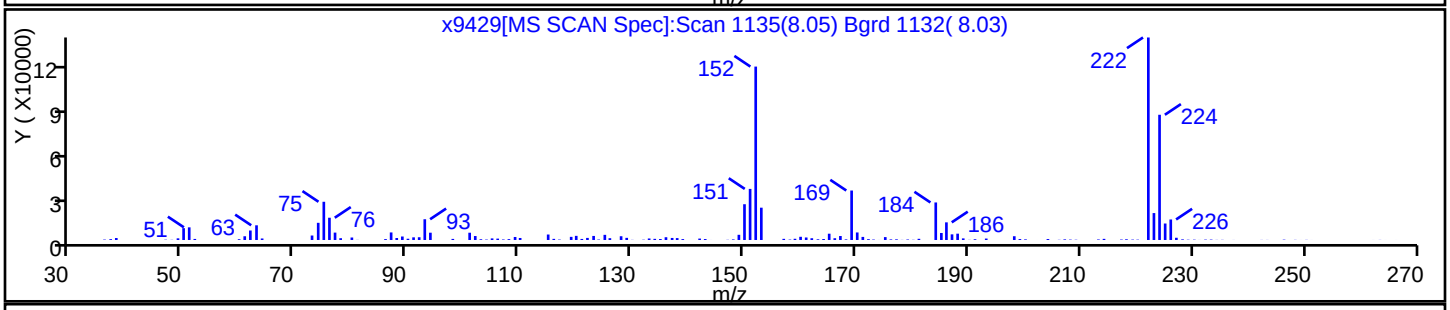
Injection Vol: 1.0 ul Dil. Factor: 5.0000

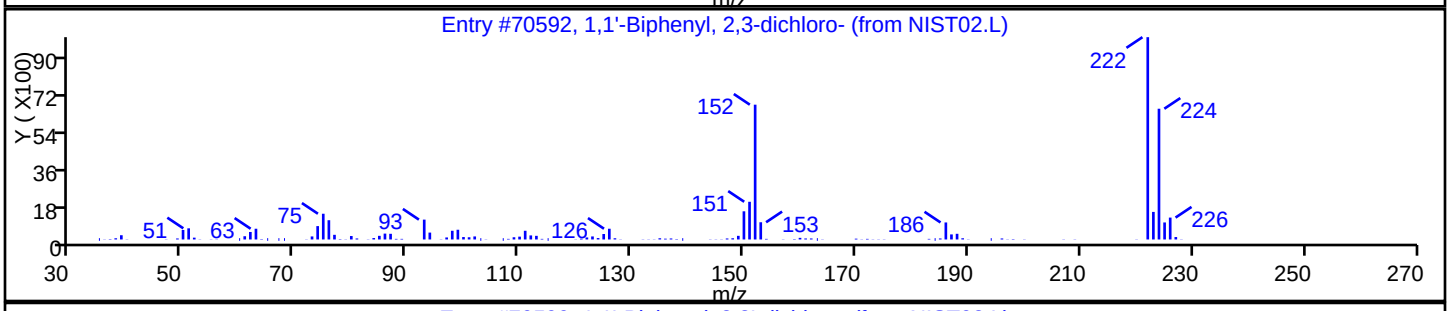
Method: 8270_5R Limit Group: SV 8270 ICAL

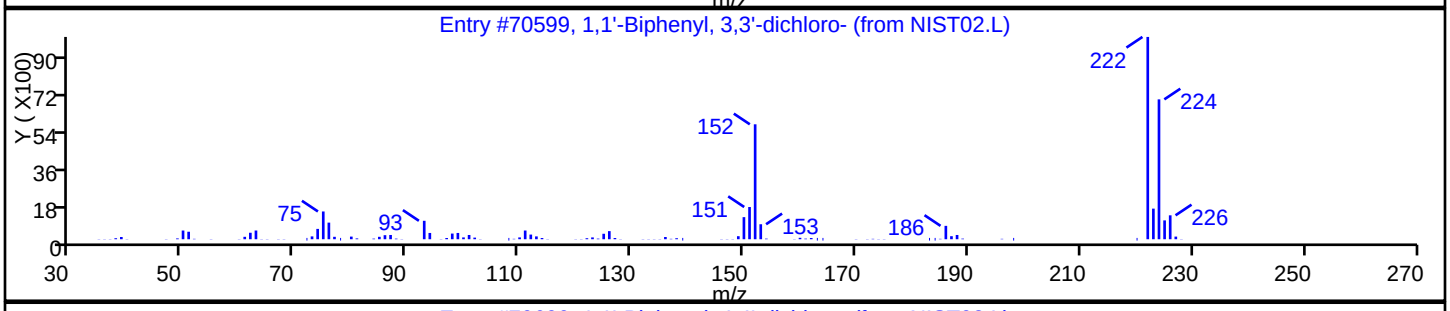
Column: Detector MS SCAN

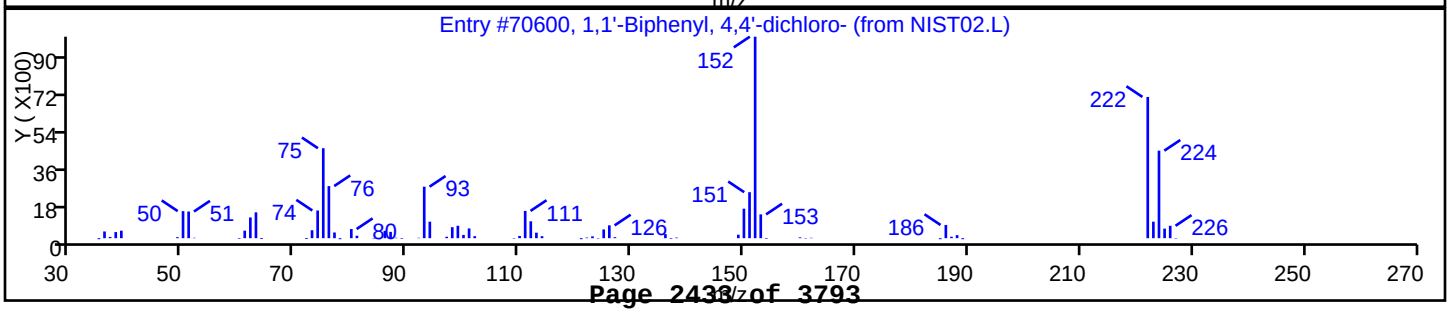
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.L	70592	C12H8Cl2	222	94
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.L	70599	C12H8Cl2	222	93
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.L	70600	C12H8Cl2	222	93











Report Date: 14-Mar-2014 15:44:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D

Injection Date: 14-Mar-2014 13:42:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-30-C Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

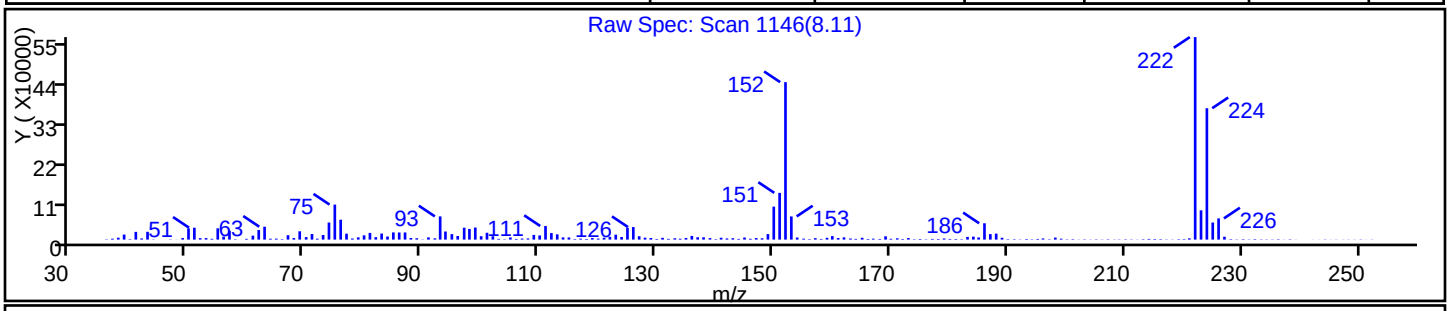
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

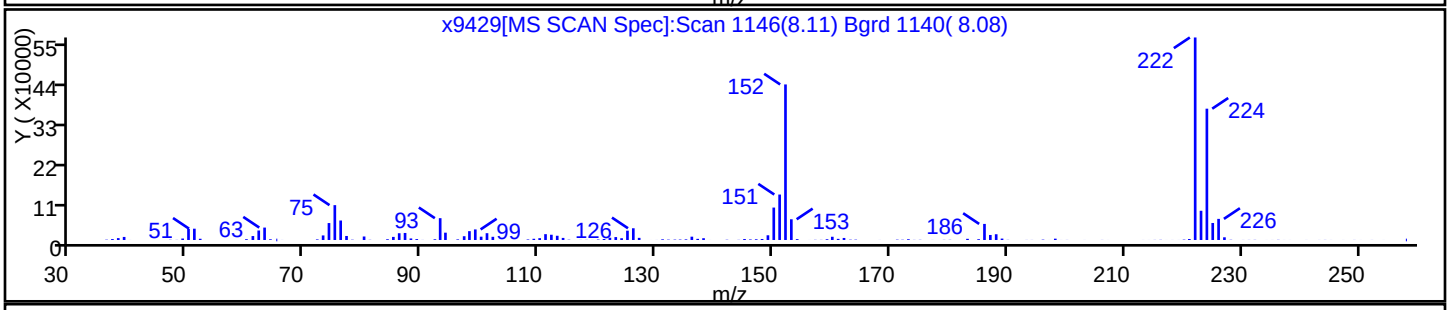
Injection Vol: 1.0 ul Dil. Factor: 5.0000

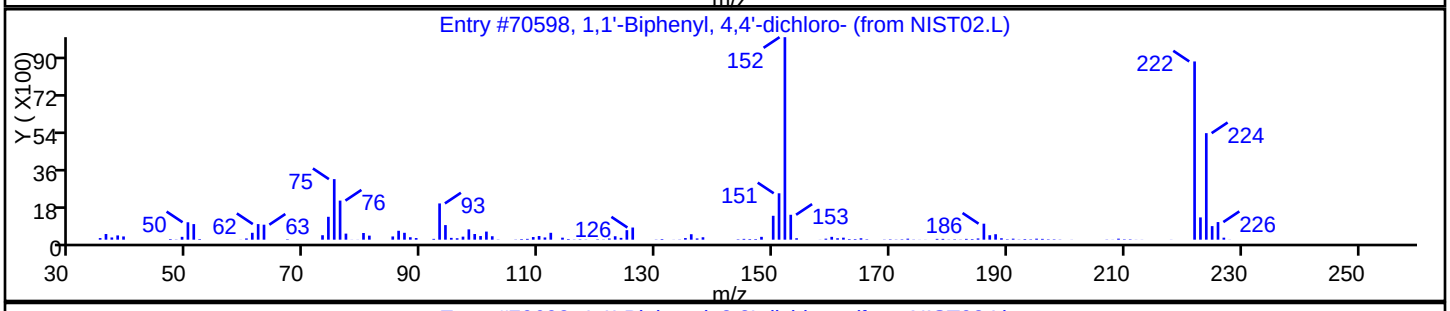
Method: 8270_5R Limit Group: SV 8270 ICAL

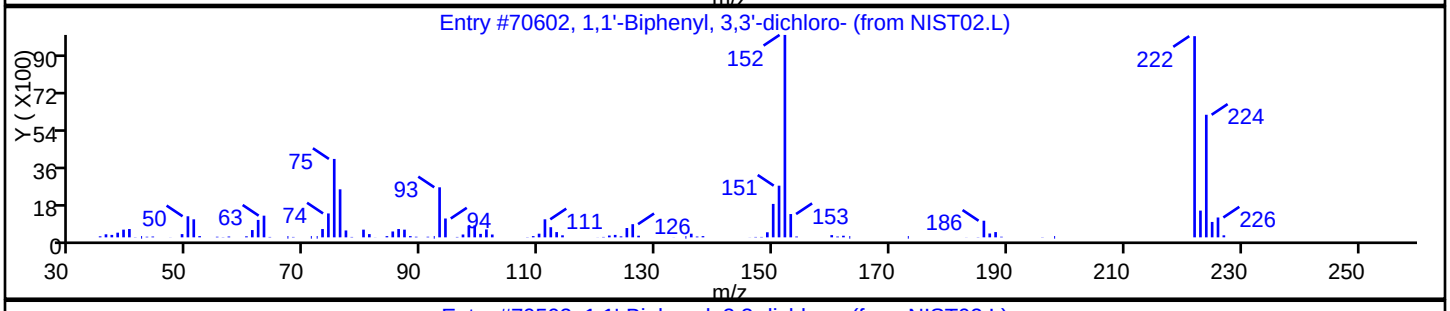
Column: Detector MS SCAN

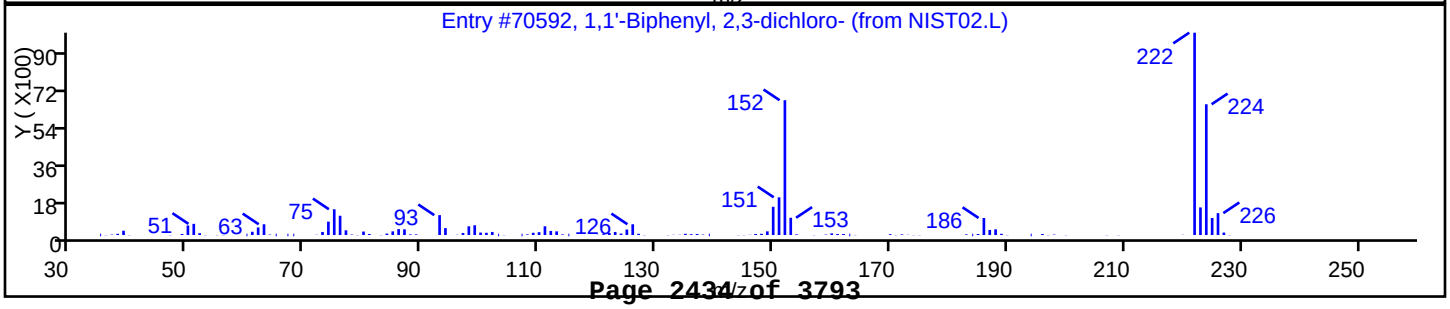
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.L	70598	C12H8Cl2	222	98
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.L	70602	C12H8Cl2	222	96
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.L	70592	C12H8Cl2	222	96









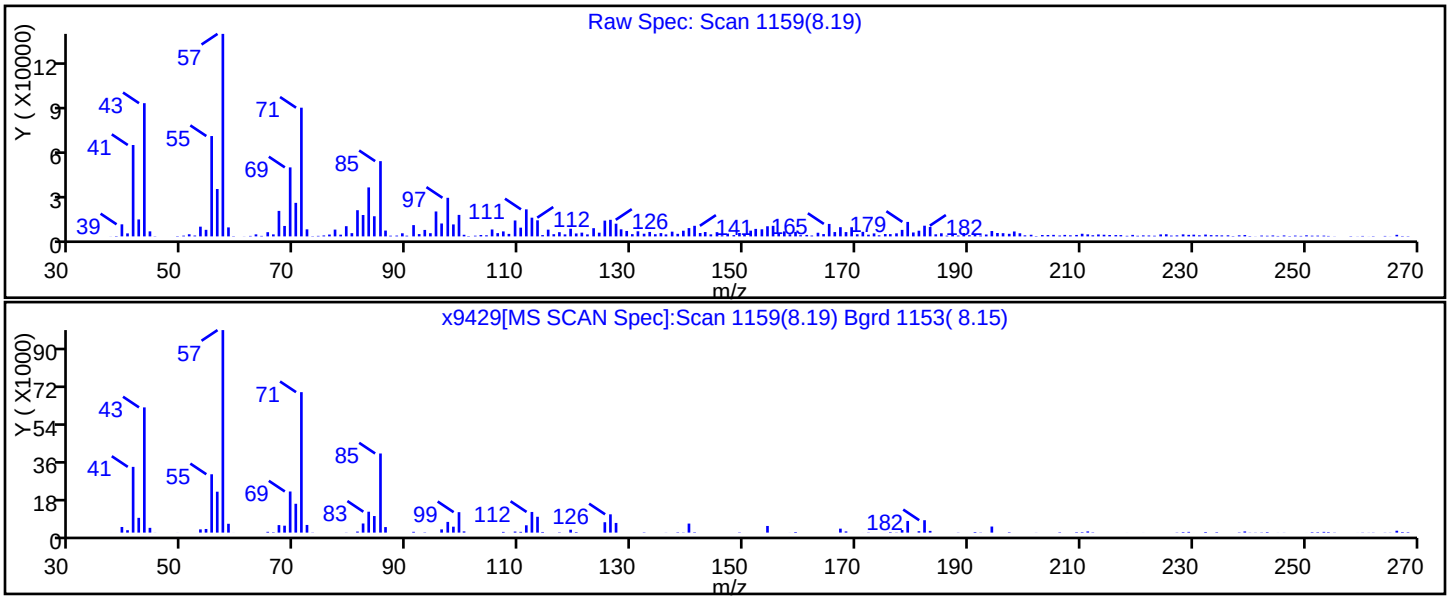


Report Date: 14-Mar-2014 15:44:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D

Injection Date:	14-Mar-2014 13:42:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-30-C	Lab Sample ID:	460-72174-30		
Client ID:	PMP-24SW-SI				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 14-Mar-2014 15:44:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D

Injection Date: 14-Mar-2014 13:42:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-30-C Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

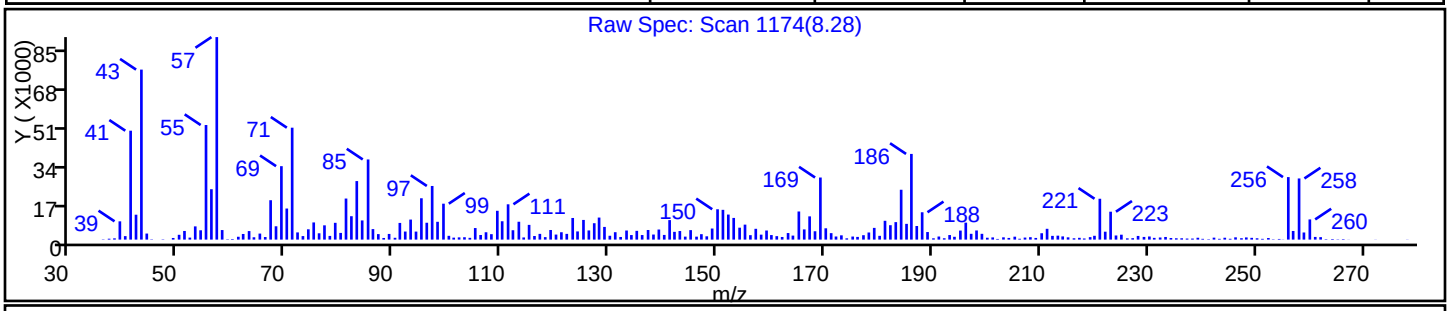
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

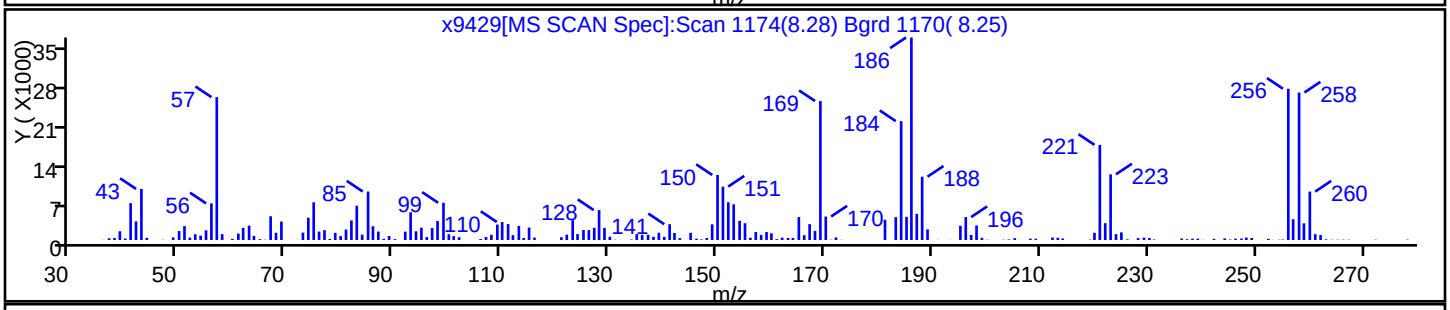
Injection Vol: 1.0 ul Dil. Factor: 5.0000

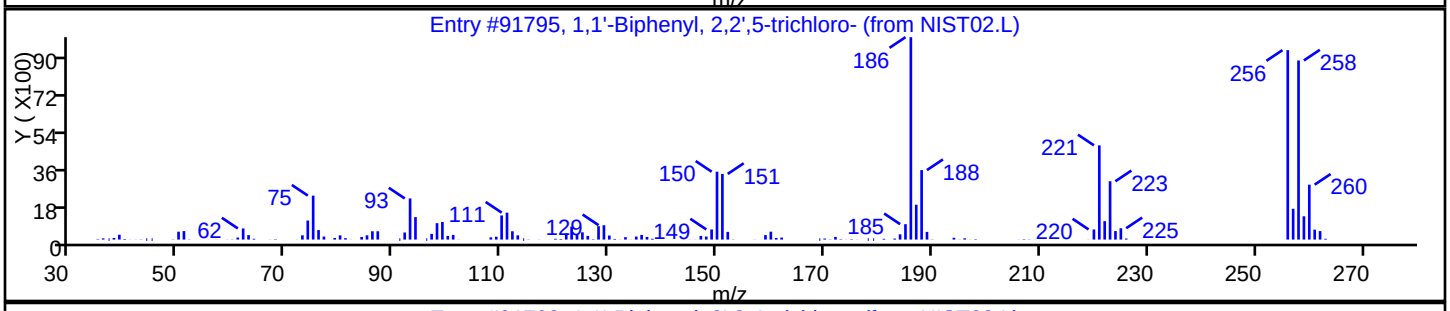
Method: 8270_5R Limit Group: SV 8270 ICAL

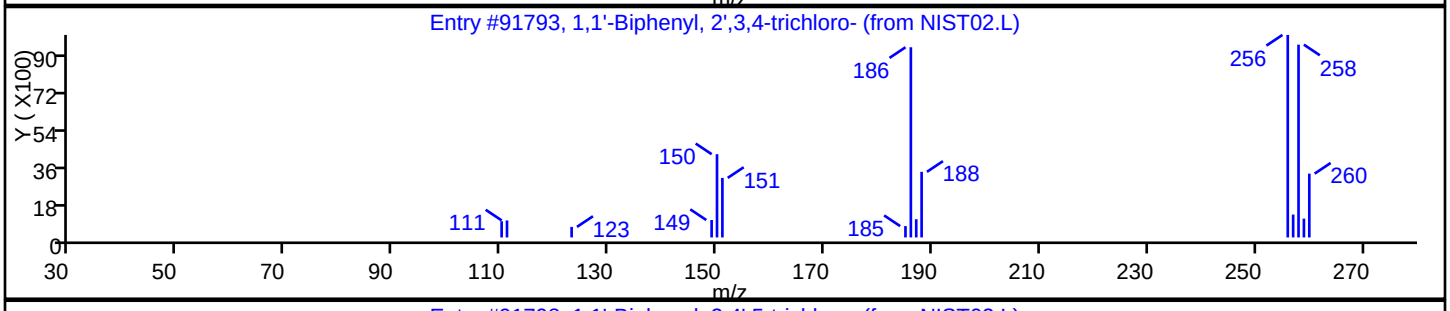
Column: Detector MS SCAN

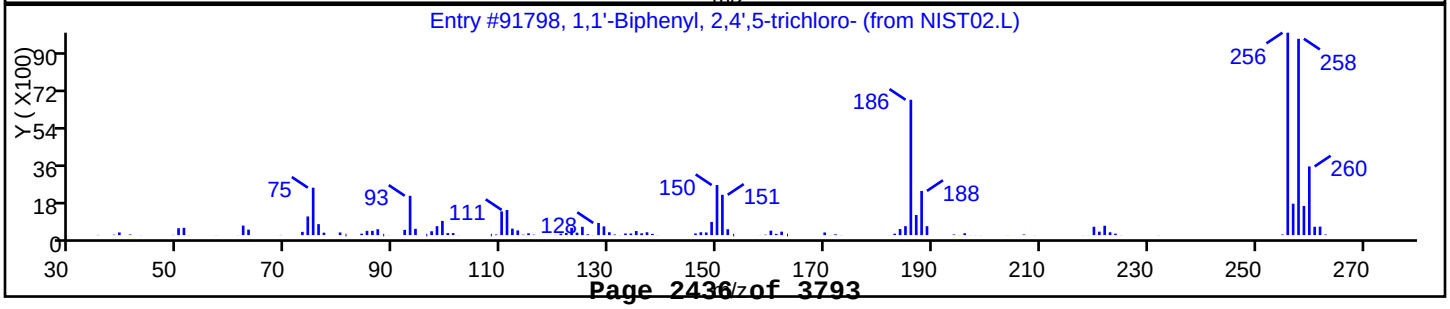
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',5-trichloro-	37680-65-2	NIST02.L	91795	C12H7Cl3	256	98
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	96
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91798	C12H7Cl3	256	93











Report Date: 14-Mar-2014 15:44:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D

Injection Date: 14-Mar-2014 13:42:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-30-C Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

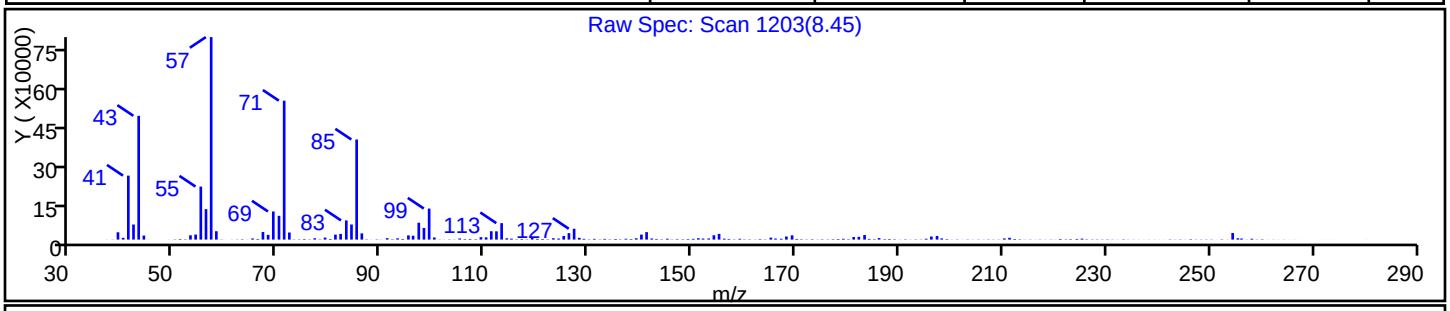
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

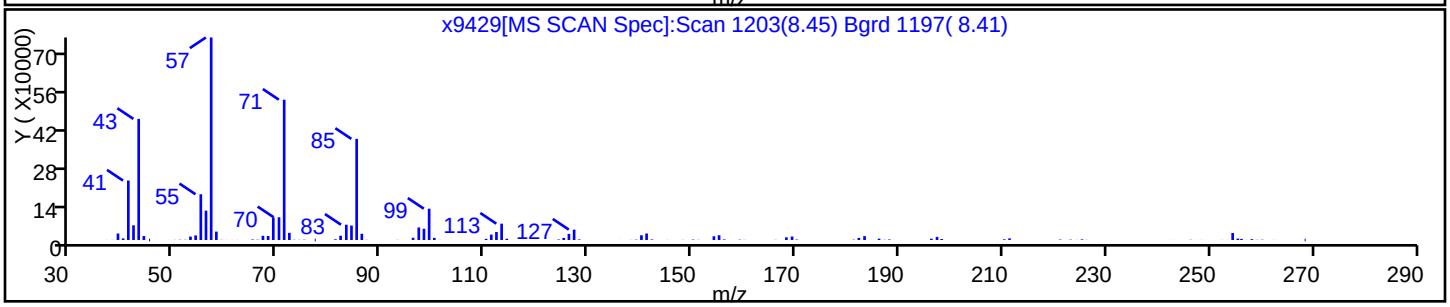
Injection Vol: 1.0 ul Dil. Factor: 5.0000

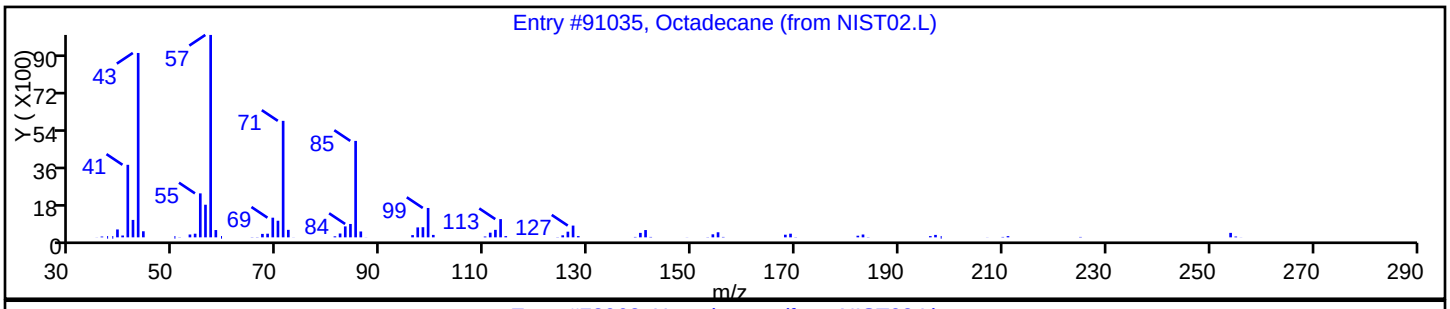
Method: 8270_5R Limit Group: SV 8270 ICAL

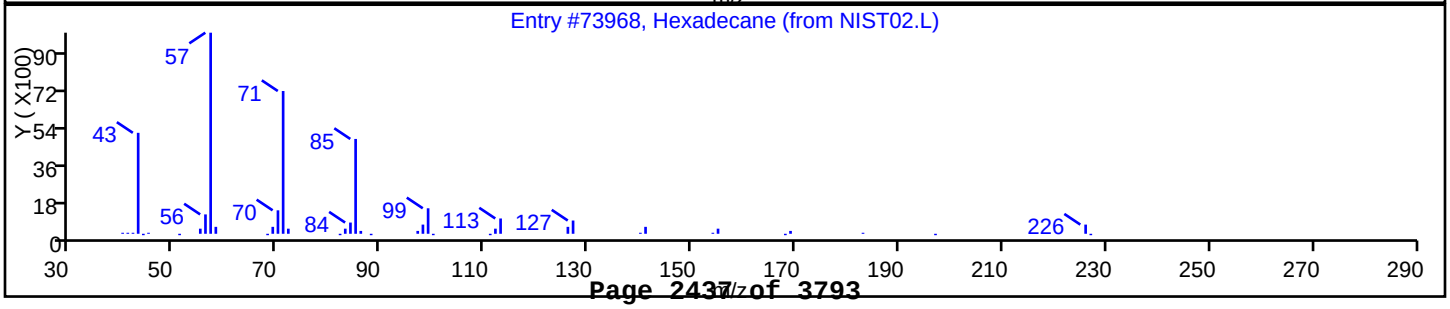
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Octadecane	593-45-3	NIST02.L	91035	C18H38	254	95
Hexadecane	544-76-3	NIST02.L	73968	C16H34	226	95









Report Date: 14-Mar-2014 15:44:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D

Injection Date: 14-Mar-2014 13:42:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-30-C Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

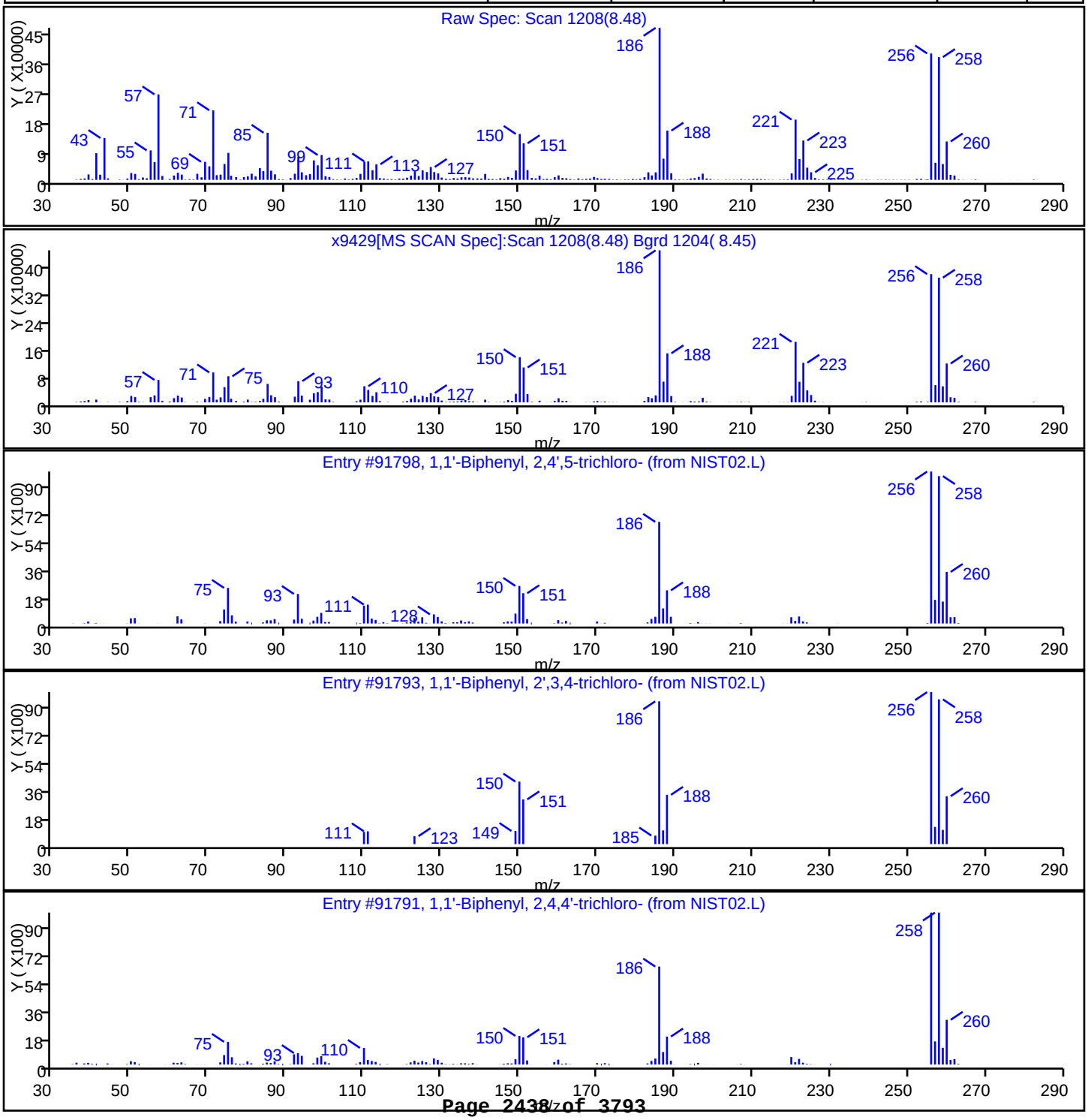
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91798	C12H7Cl3	256	98
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	96
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	91



Report Date: 14-Mar-2014 15:44:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D

Injection Date: 14-Mar-2014 13:42:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-30-C Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

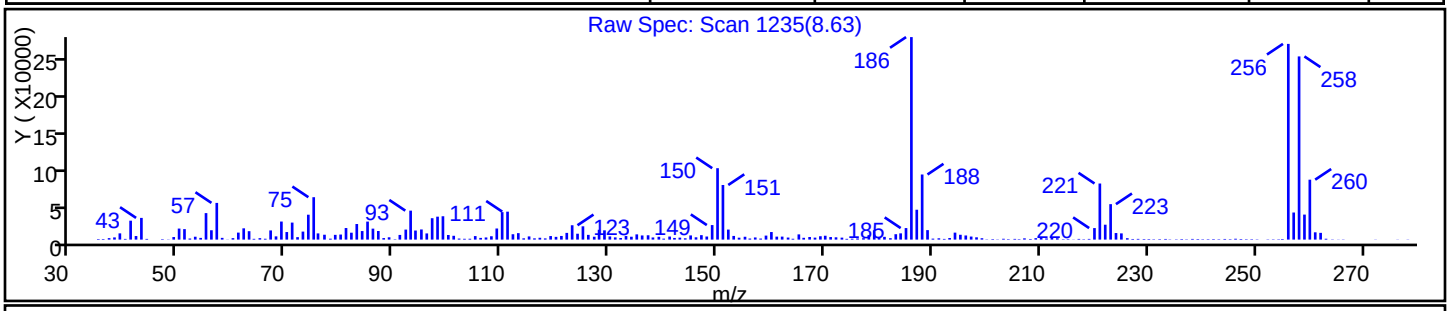
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

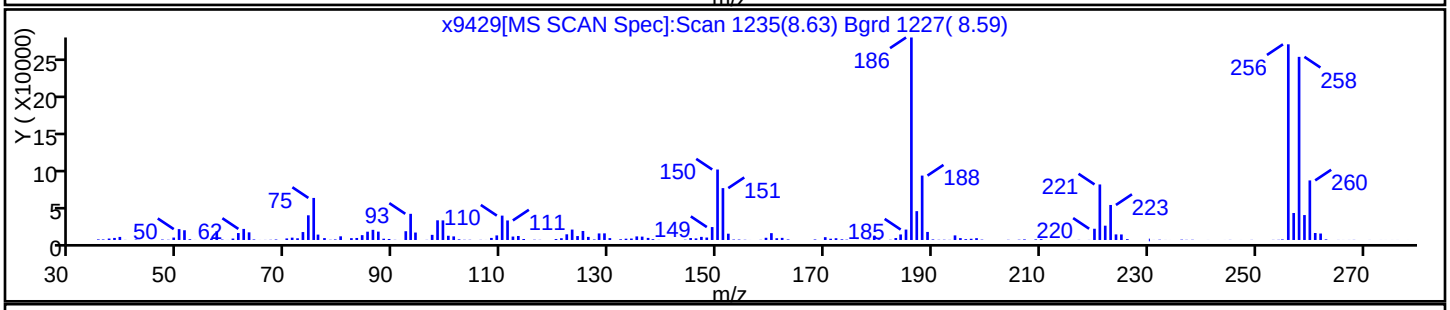
Injection Vol: 1.0 ul Dil. Factor: 5.0000

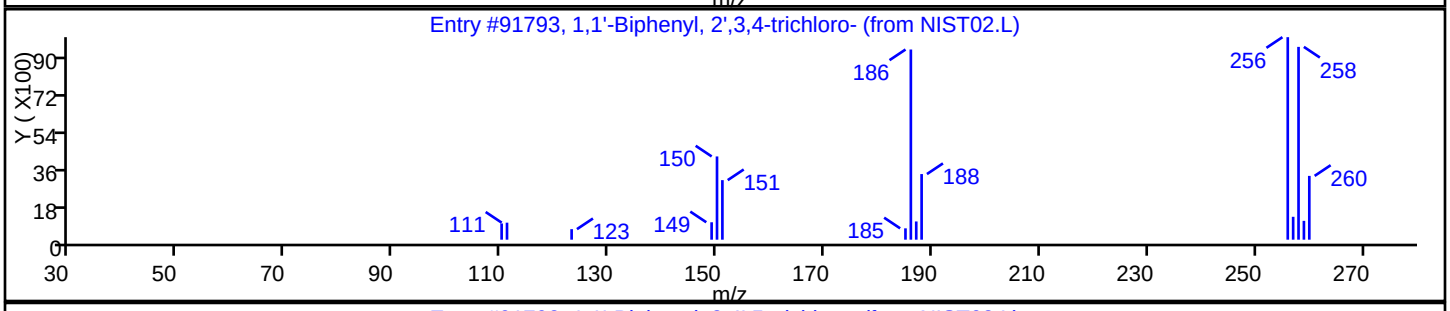
Method: 8270_5R Limit Group: SV 8270 ICAL

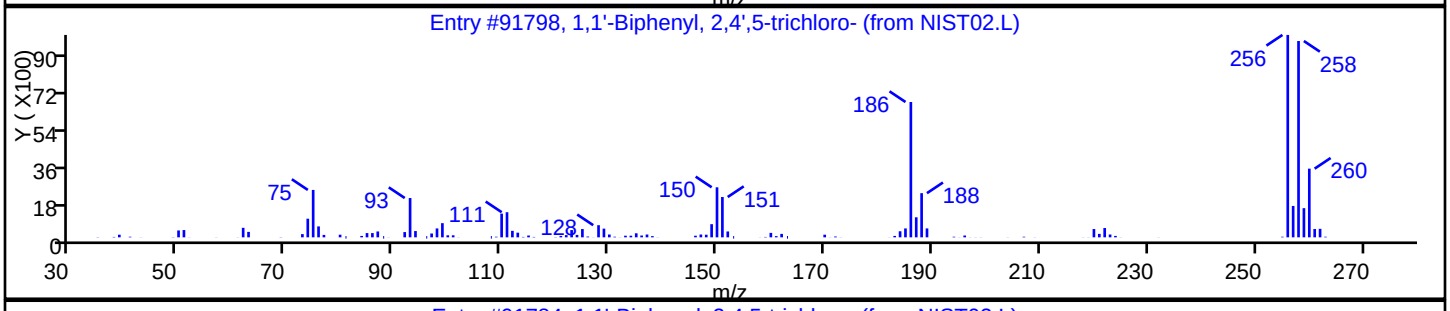
Column: Detector MS SCAN

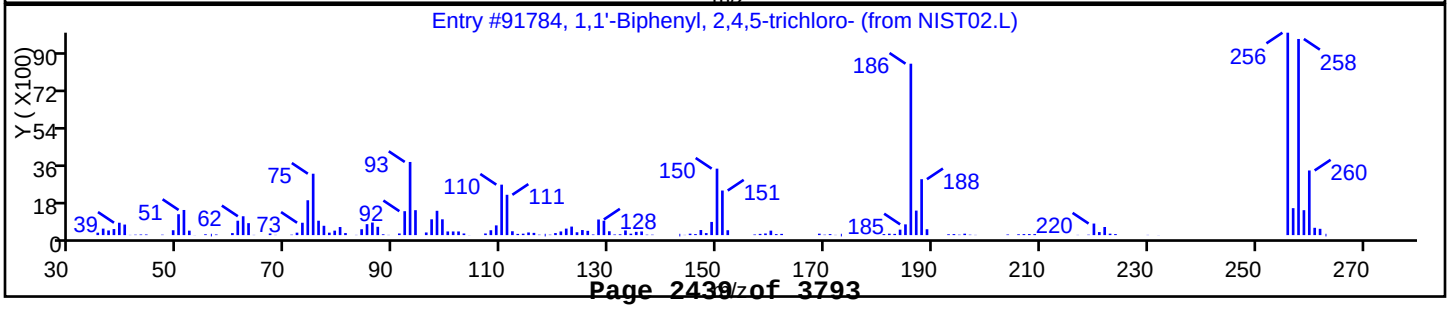
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	98
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91798	C12H7Cl3	256	98
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.L	91784	C12H7Cl3	256	98











Report Date: 14-Mar-2014 15:44:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D

Injection Date: 14-Mar-2014 13:42:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-30-C Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

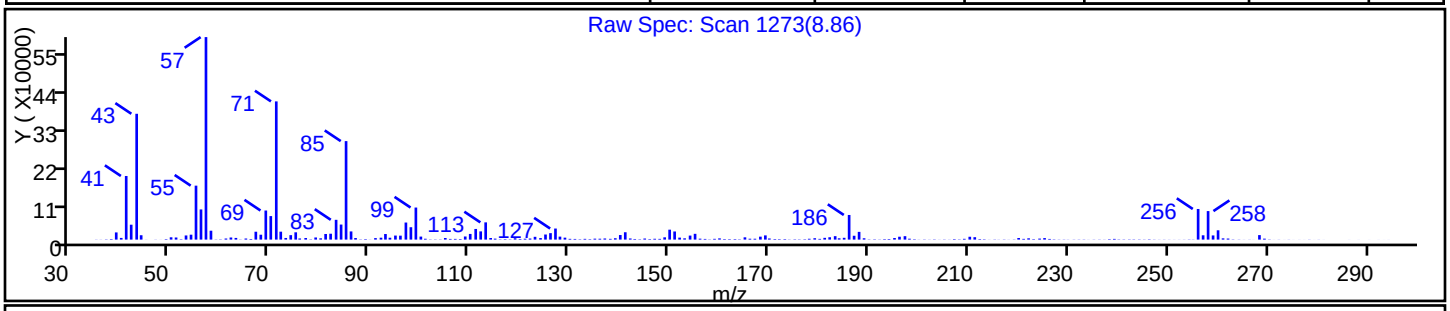
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

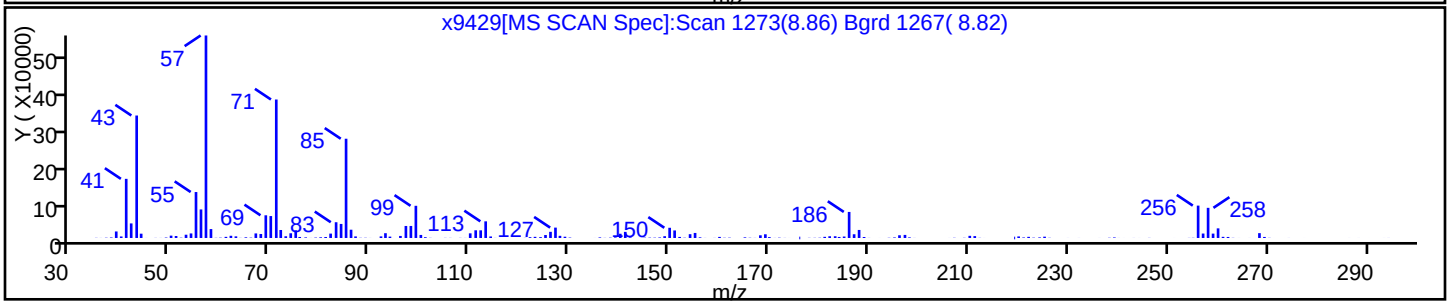
Injection Vol: 1.0 ul Dil. Factor: 5.0000

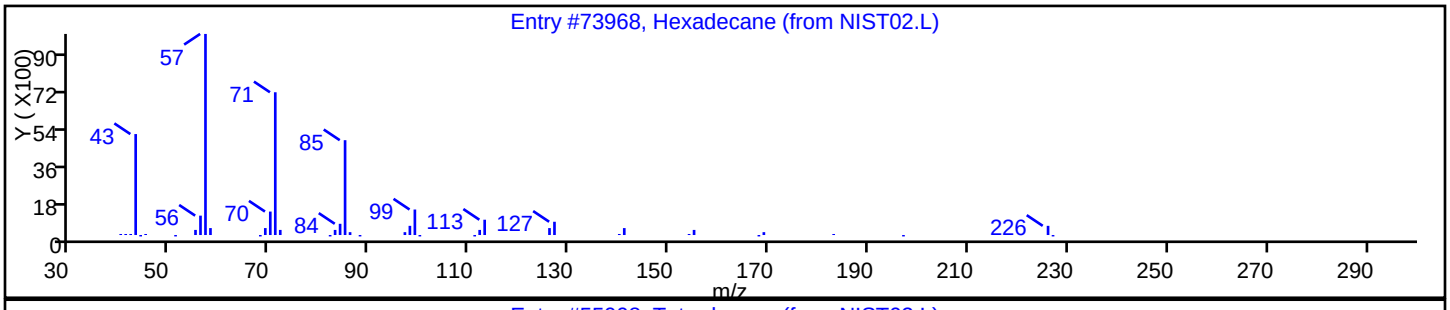
Method: 8270_5R Limit Group: SV 8270 ICAL

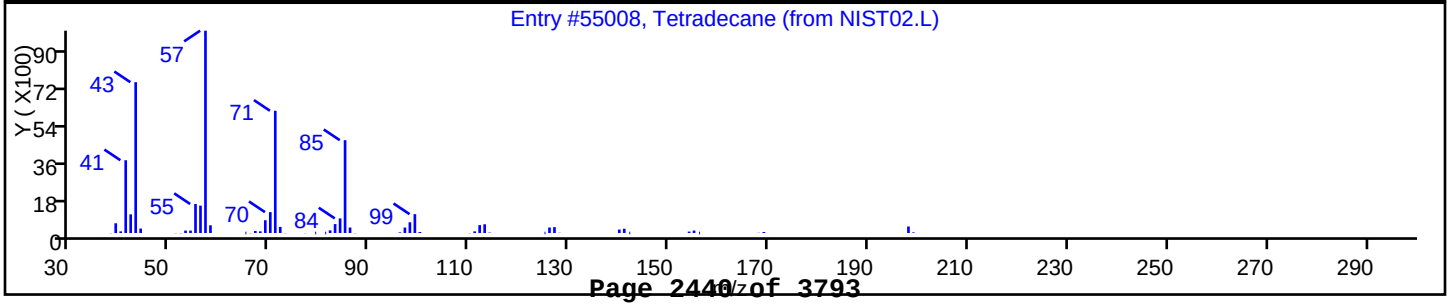
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane	544-76-3	NIST02.L	73968	C16H34	226	95
Tetradecane	629-59-4	NIST02.L	55008	C14H30	198	92









Report Date: 14-Mar-2014 15:44:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D

Injection Date: 14-Mar-2014 13:42:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-30-C Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

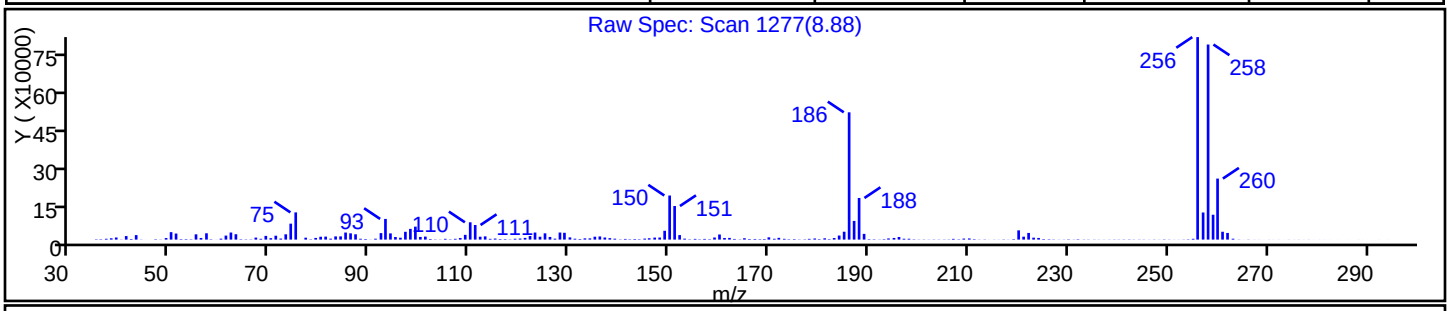
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

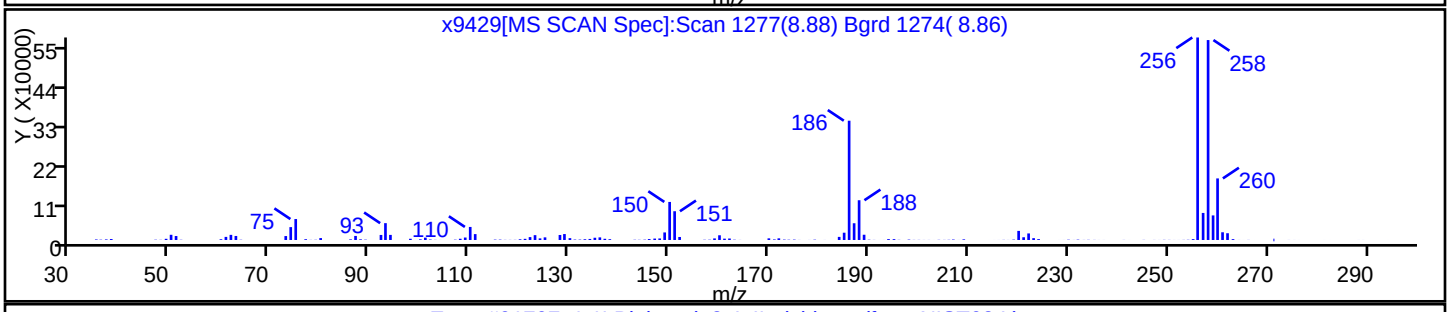
Injection Vol: 1.0 ul Dil. Factor: 5.0000

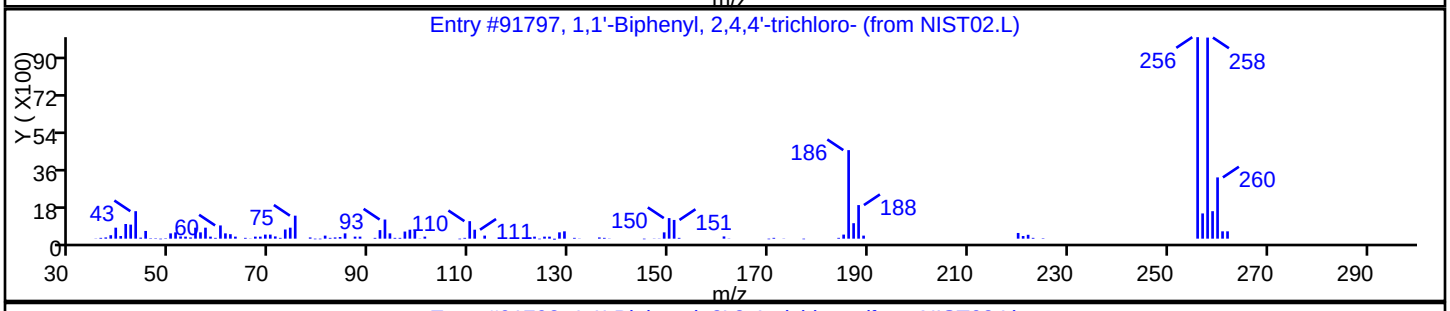
Method: 8270_5R Limit Group: SV 8270 ICAL

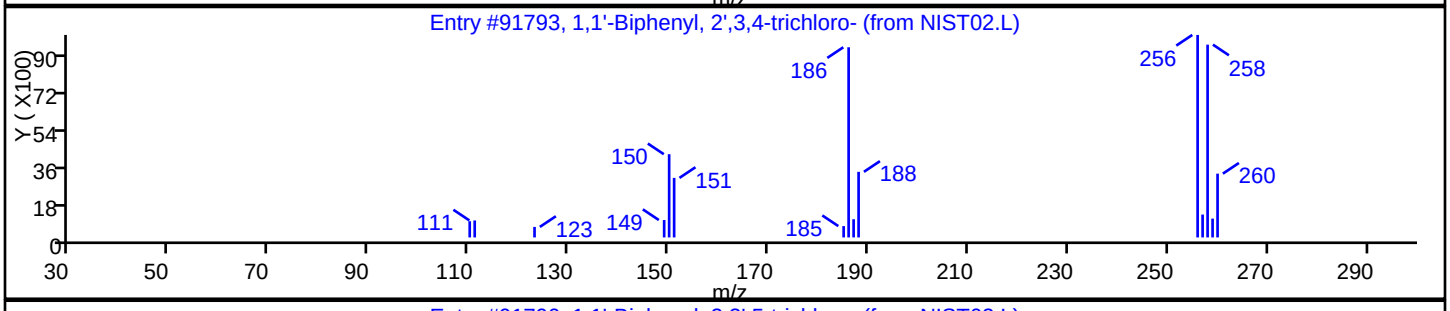
Column: Detector MS SCAN

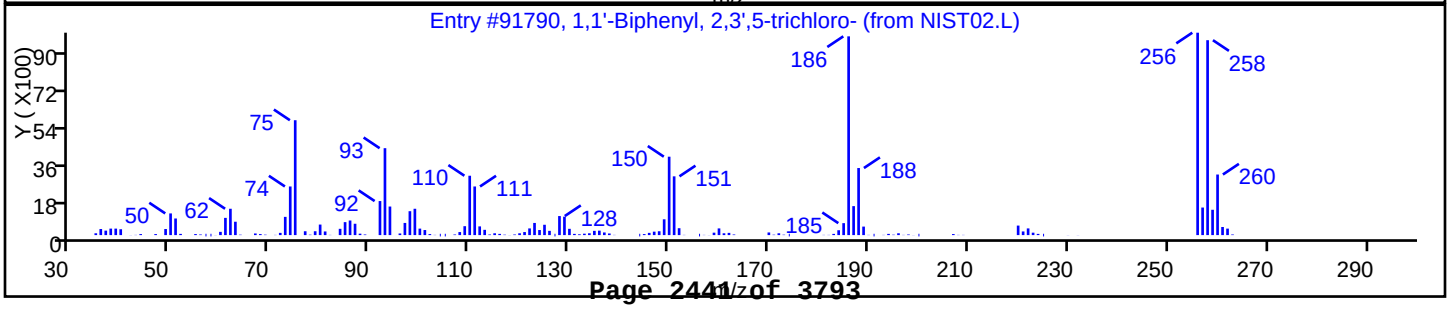
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91797	C12H7Cl3	256	98
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	96
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.L	91790	C12H7Cl3	256	95











Report Date: 14-Mar-2014 15:44:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D

Injection Date: 14-Mar-2014 13:42:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-30-C Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

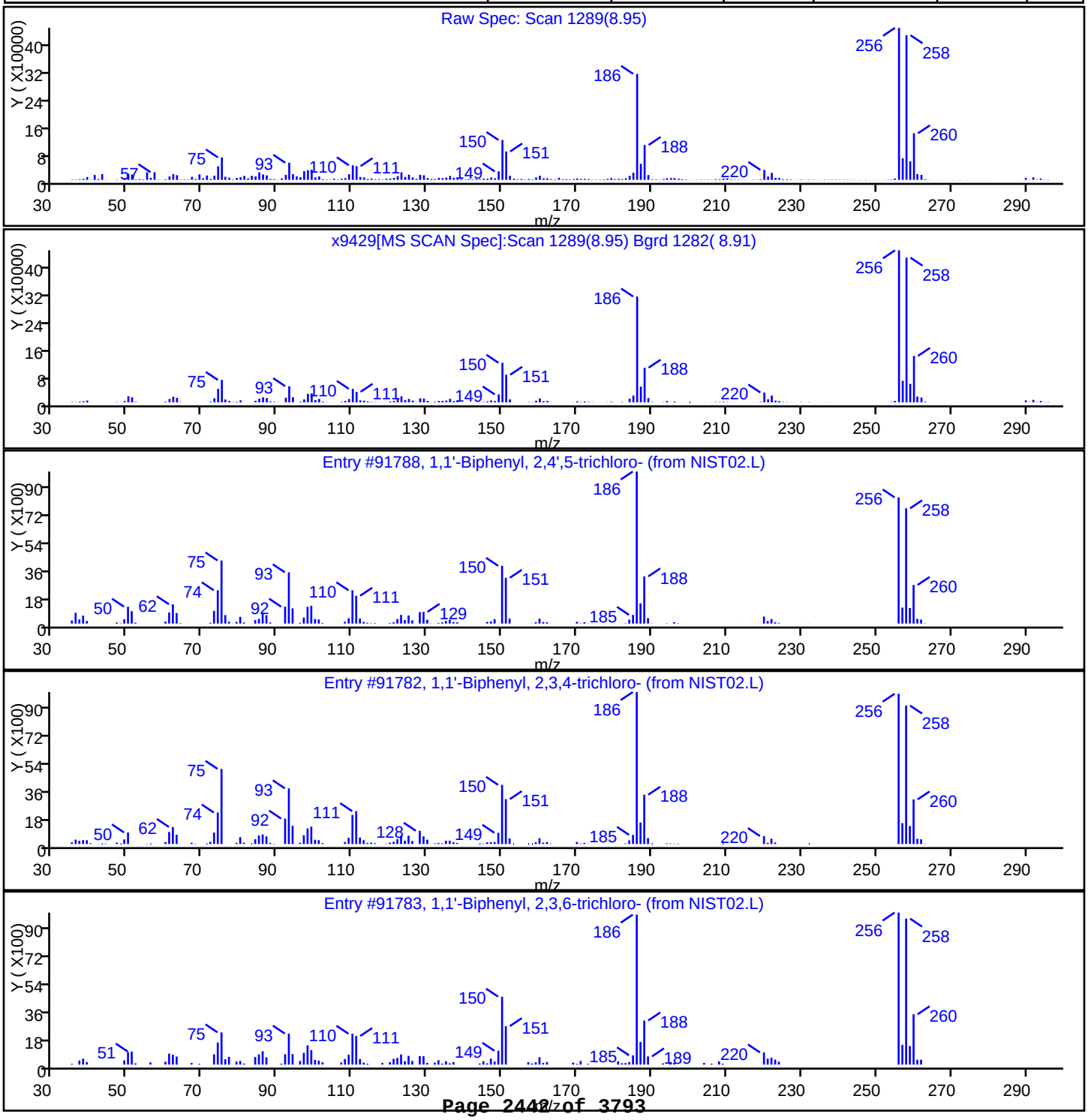
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	99
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	C12H7Cl3	256	99
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.L	91783	C12H7Cl3	256	98



Report Date: 14-Mar-2014 15:44:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D

Injection Date: 14-Mar-2014 13:42:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-30-C Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

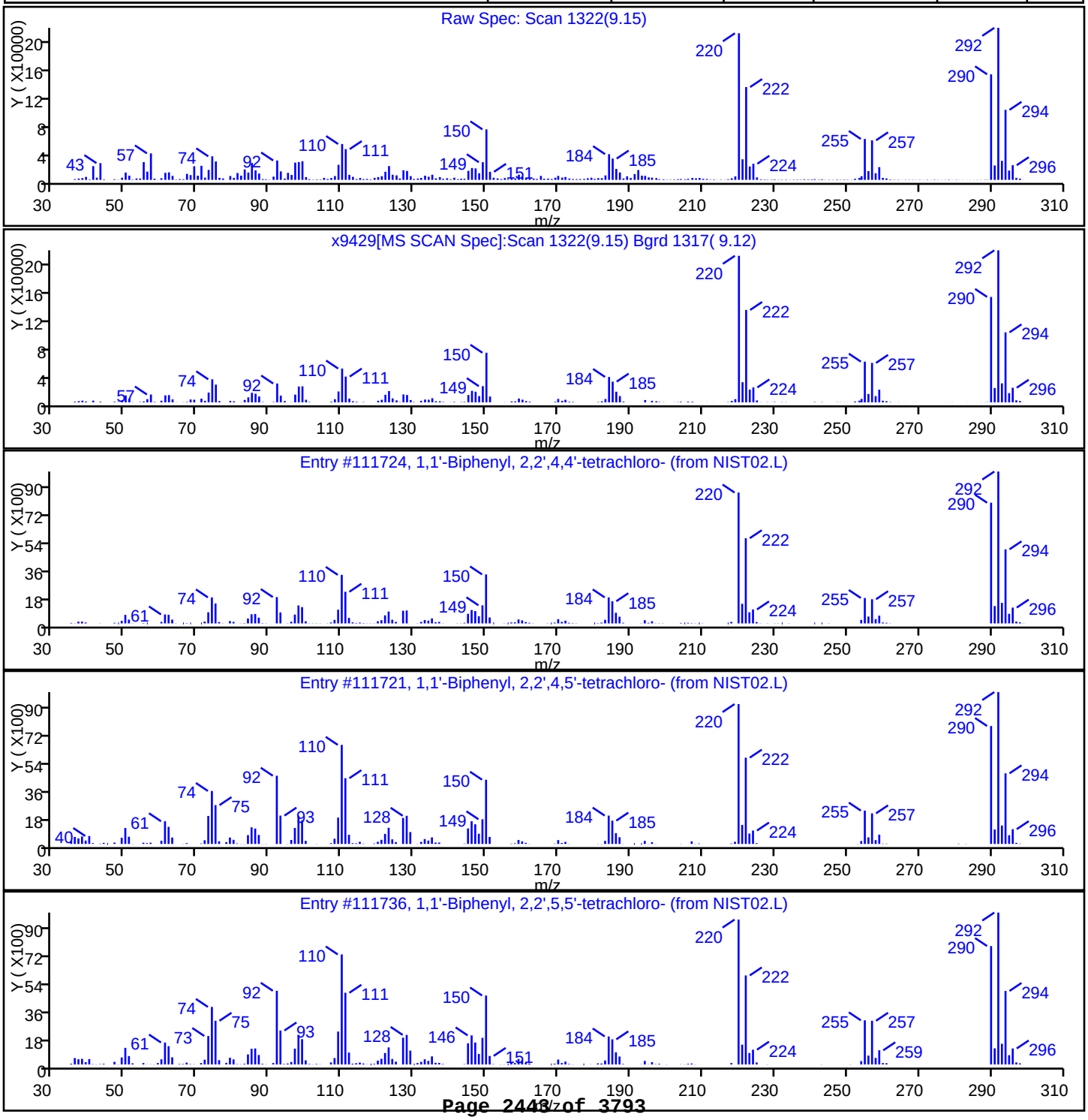
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	2437-79-8	NIST02.L	111724	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	41464-40-8	NIST02.L	111721	C12H6Cl4	290	96
1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	35693-99-3	NIST02.L	111736	C12H6Cl4	290	96



Report Date: 14-Mar-2014 15:44:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D

Injection Date: 14-Mar-2014 13:42:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-30-C Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

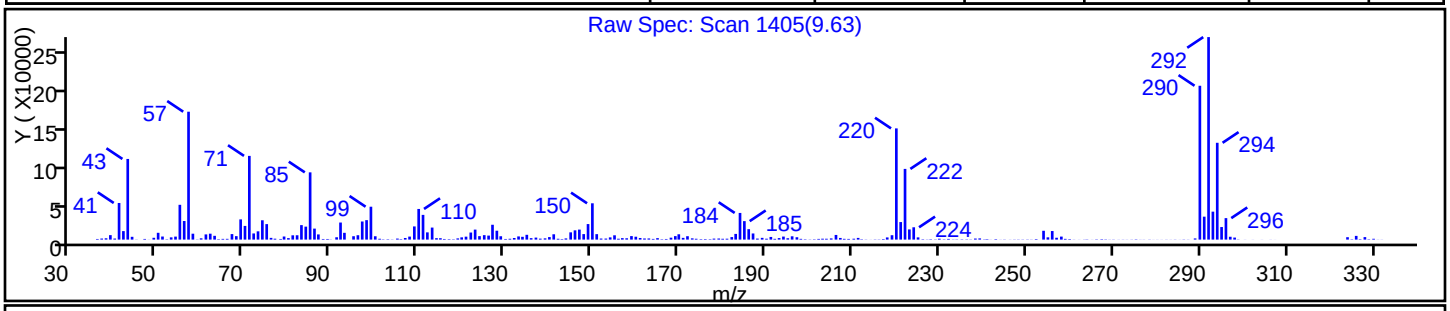
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

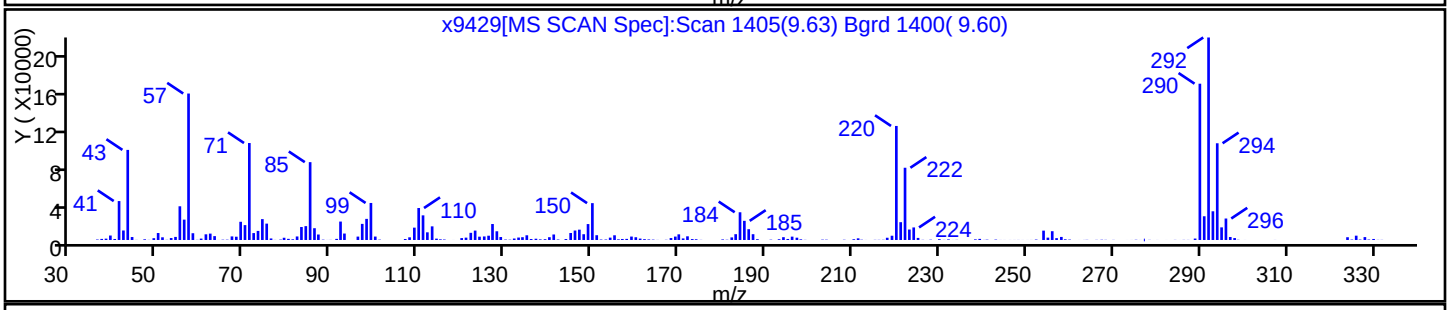
Injection Vol: 1.0 ul Dil. Factor: 5.0000

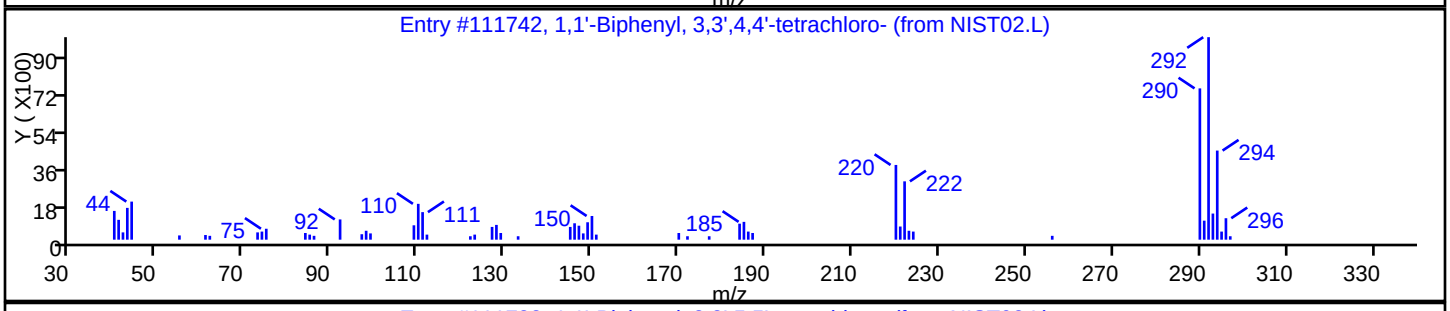
Method: 8270_5R Limit Group: SV 8270 ICAL

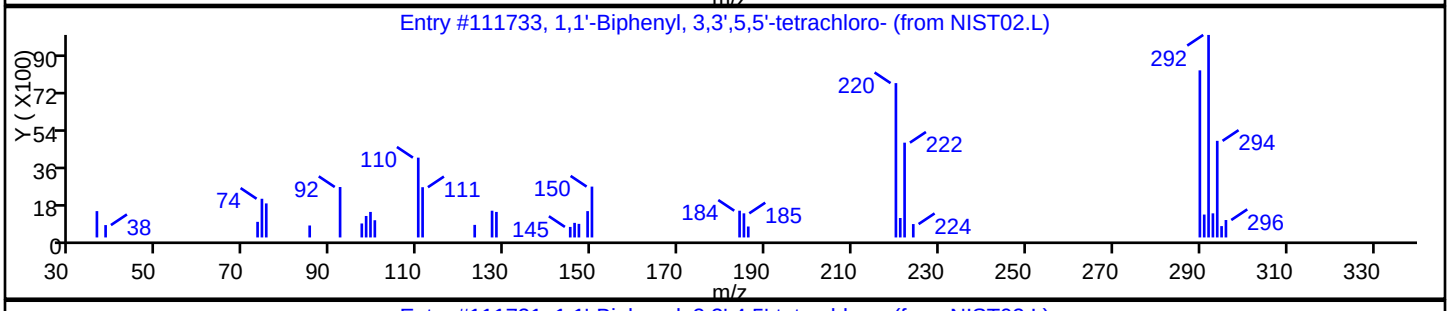
Column: Detector MS SCAN

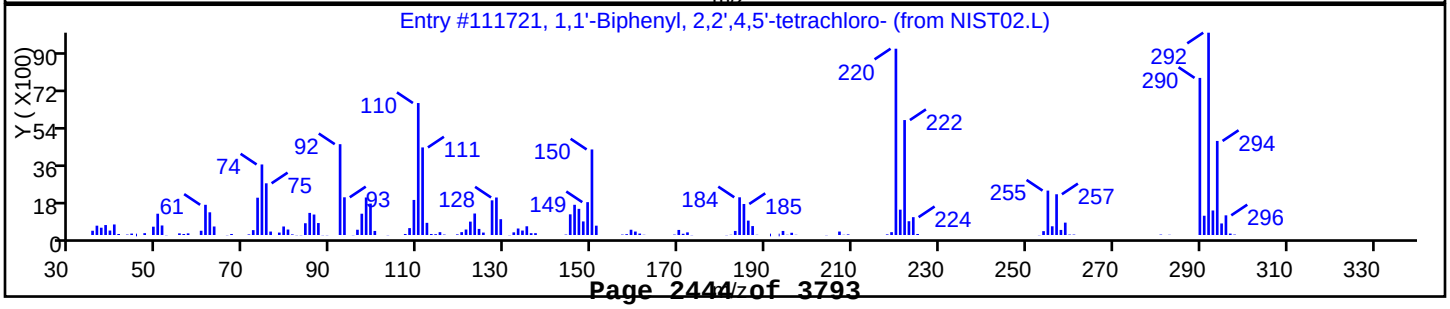
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	C12H6Cl4	290	99
1,1'-Biphenyl, 3,3',5,5'-tetrachloro-	33284-52-5	NIST02.L	111733	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	41464-40-8	NIST02.L	111721	C12H6Cl4	290	98











Report Date: 14-Mar-2014 15:44:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D

Injection Date: 14-Mar-2014 13:42:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-30-C Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

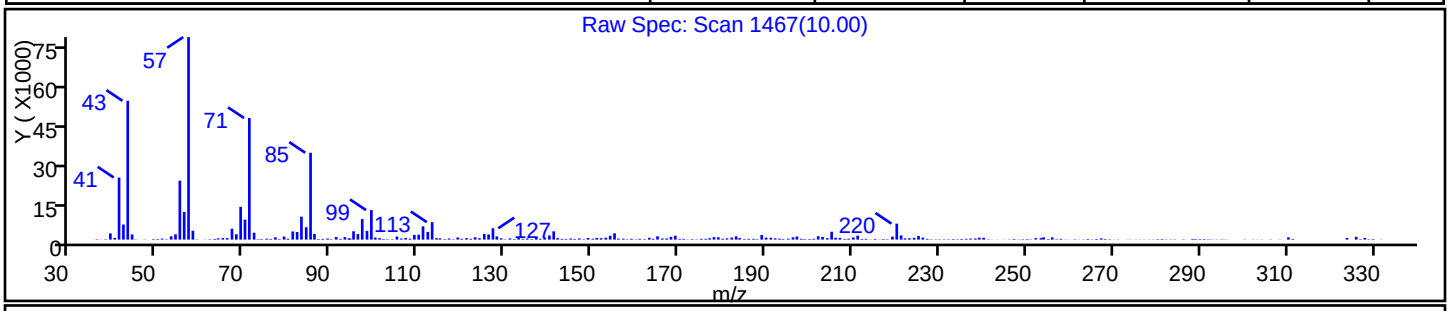
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

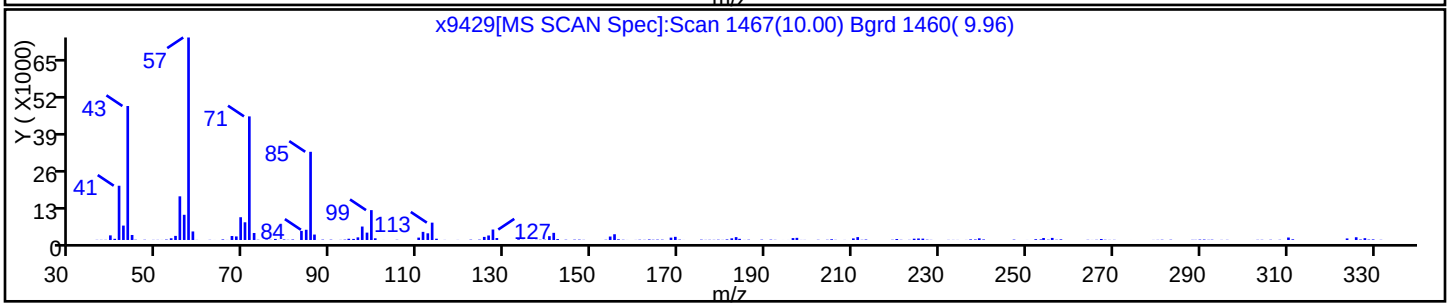
Injection Vol: 1.0 ul Dil. Factor: 5.0000

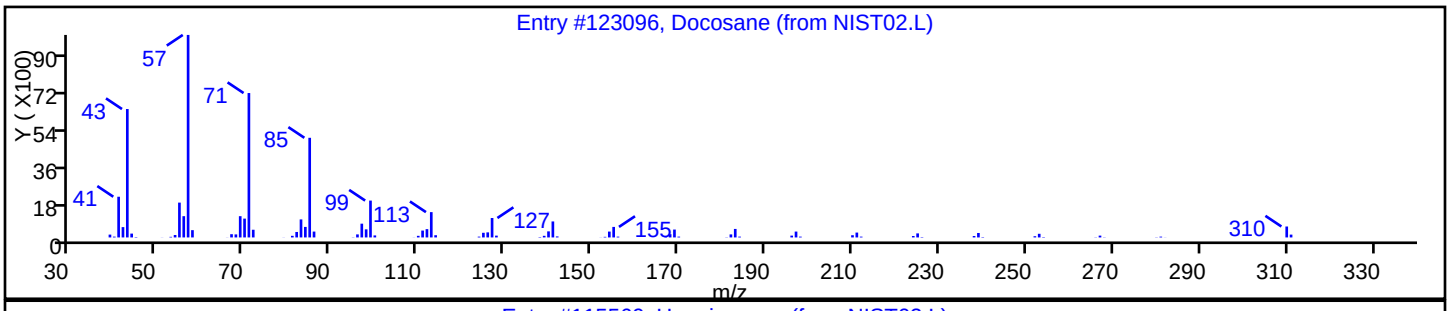
Method: 8270_5R Limit Group: SV 8270 ICAL

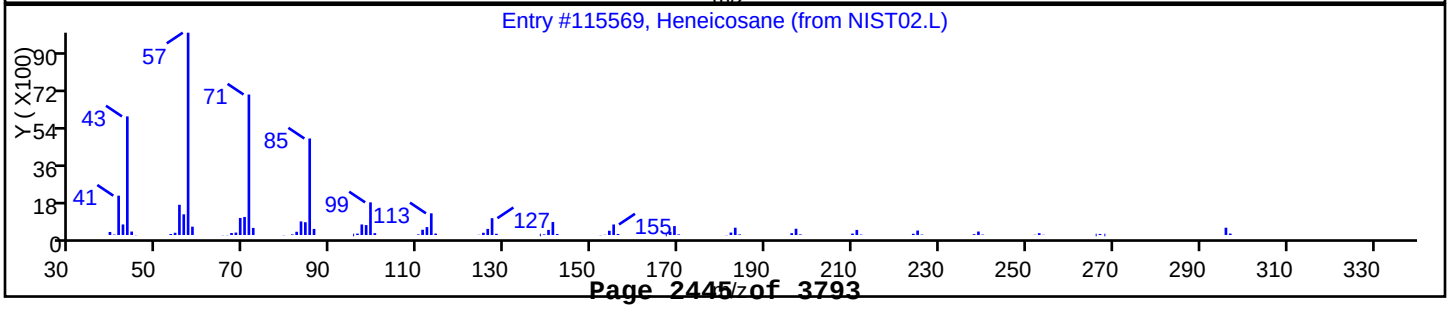
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Docosane	629-97-0	NIST02.L	123096	C22H46	310	97
Heneicosane	629-94-7	NIST02.L	115569	C21H44	296	95









Report Date: 14-Mar-2014 15:44:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9429.D

Injection Date: 14-Mar-2014 13:42:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-30-C Lab Sample ID: 460-72174-30

Client ID: PMP-24SW-SI

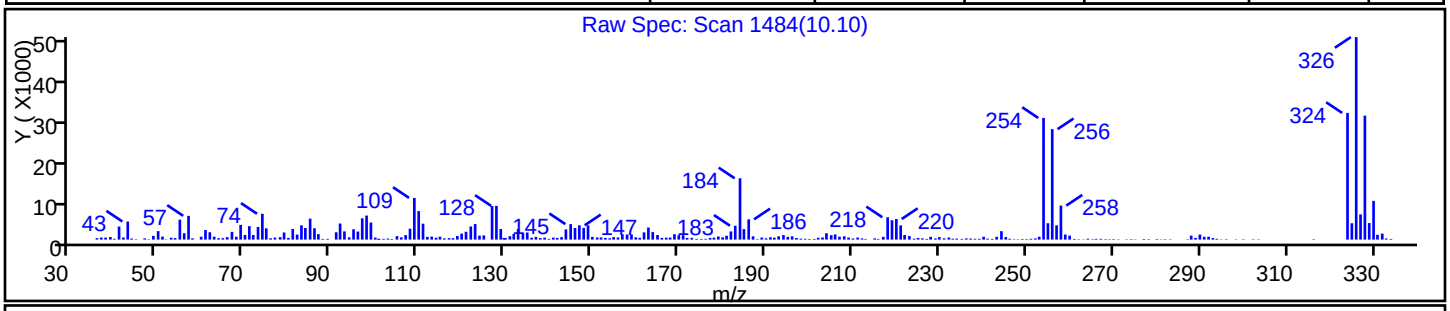
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

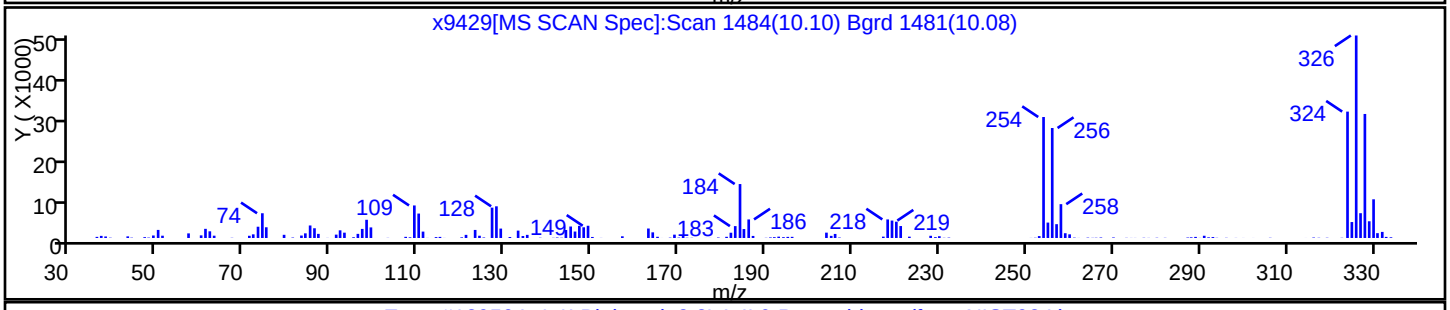
Injection Vol: 1.0 ul Dil. Factor: 5.0000

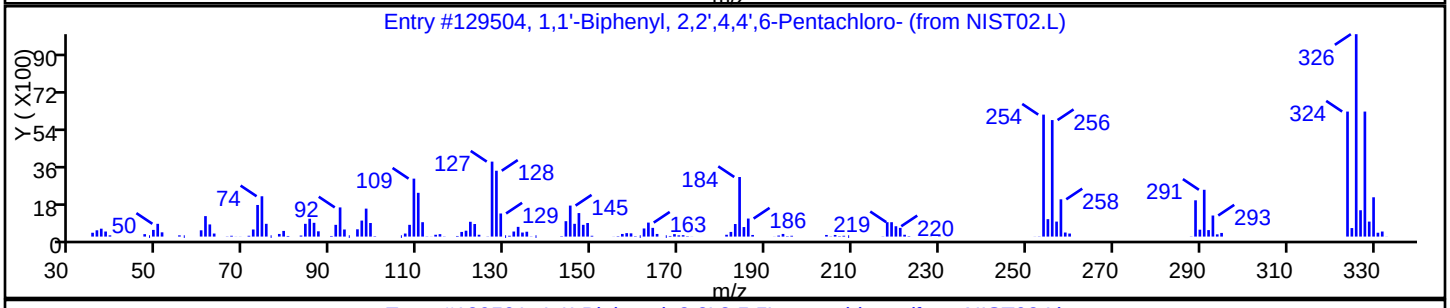
Method: 8270_5R Limit Group: SV 8270 ICAL

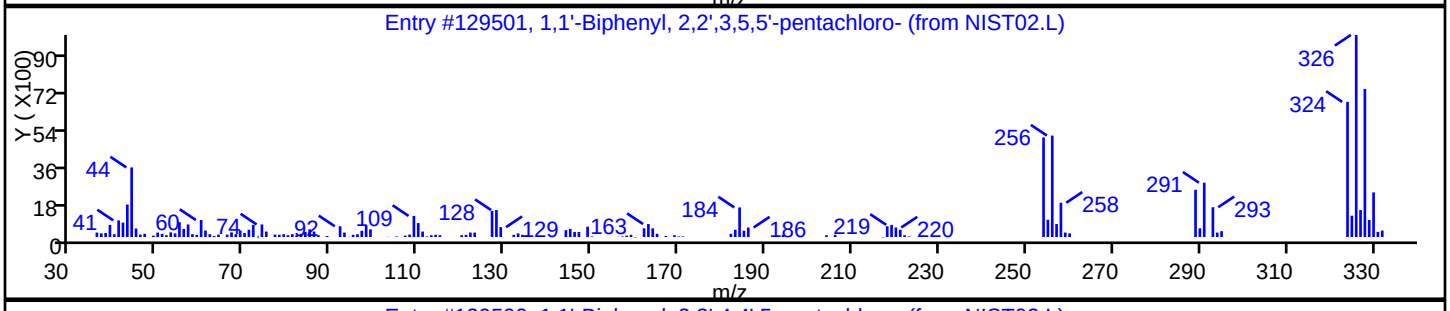
Column: Detector MS SCAN

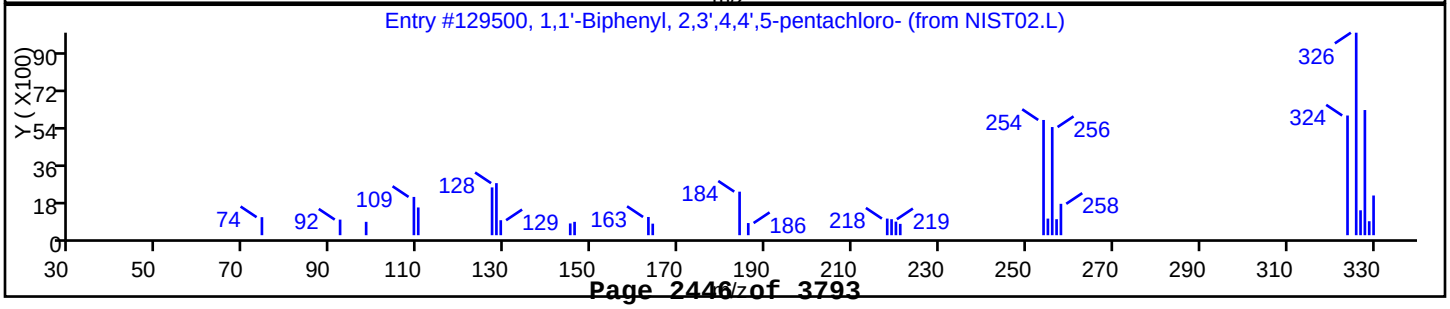
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',4,4',6-Pentachloro-	39485-83-1	NIST02.L	129504	C12H5Cl5	324	96
1,1'-Biphenyl, 2,2',3,5,5'-pentachloro-	52663-61-3	NIST02.L	129501	C12H5Cl5	324	96
1,1'-Biphenyl, 2,3',4,4',5-pentachloro-	31508-00-6	NIST02.L	129500	C12H5Cl5	324	96











FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-VD | Lab Sample ID: 460-72174-31

Matrix: Solid | Lab File ID: L1147949.D

Analysis Method: 8270C | Date Collected: 03/06/2014 13:50

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/14/2014 11:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212527 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	48	U	360	48
95-57-8	2-Chlorophenol	47	U	360	47
95-48-7	2-Methylphenol	61	U	360	61
106-44-5	4-Methylphenol	70	U	360	70
100-52-7	Benzaldehyde	42	U	360	42
98-86-2	Acetophenone	55	U	360	55
111-44-4	Bis(2-chloroethyl)ether	4.9	U	36	4.9
108-60-1	2,2'-oxybis[1-chloropropane]	40	U	360	40
621-64-7	N-Nitrosodi-n-propylamine	6.0	U	36	6.0
98-95-3	Nitrobenzene	5.1	U *	36	5.1
67-72-1	Hexachloroethane	4.0	U	36	4.0
78-59-1	Isophorone	43	U	360	43
88-75-5	2-Nitrophenol	40	U	360	40
105-67-9	2,4-Dimethylphenol	88	U	360	88
120-83-2	2,4-Dichlorophenol	52	U	360	52
111-91-1	Bis(2-chloroethoxy)methane	46	U	360	46
91-20-3	Naphthalene	41	U	360	41
106-47-8	4-Chloroaniline	95	U	360	95
87-68-3	Hexachlorobutadiene	8.7	U	72	8.7
105-60-2	Caprolactam	82	U	360	82
59-50-7	4-Chloro-3-methylphenol	54	U	360	54
91-57-6	2-Methylnaphthalene	46	U	360	46
118-74-1	Hexachlorobenzene	4.9	U	36	4.9
77-47-4	Hexachlorocyclopentadiene	42	U	360	42
88-06-2	2,4,6-Trichlorophenol	42	U	360	42
95-95-4	2,4,5-Trichlorophenol	46	U	360	46
92-52-4	Diphenyl	48	U	360	48
91-58-7	2-Chloronaphthalene	40	U	360	40
88-74-4	2-Nitroaniline	150	U	360	150
606-20-2	2,6-Dinitrotoluene	11	U	72	11
131-11-3	Dimethyl phthalate	42	U	360	42
208-96-8	Acenaphthylene	42	U	360	42
99-09-2	3-Nitroaniline	130	U	360	130
83-32-9	Acenaphthene	52	U	360	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-VD | Lab Sample ID: 460-72174-31

Matrix: Solid | Lab File ID: L1147949.D

Analysis Method: 8270C | Date Collected: 03/06/2014 13:50

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/14/2014 11:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212527 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	360	230
51-28-5	2,4-Dinitrophenol	200	U	720	200
132-64-9	Dibenzofuran	42	U	360	42
84-66-2	Diethyl phthalate	43	U	360	43
86-73-7	Fluorene	46	U	360	46
206-44-0	Fluoranthene	48	U	360	48
84-74-2	Di-n-butyl phthalate	44	U	360	44
121-14-2	2,4-Dinitrotoluene	12	U	72	12
7005-72-3	4-Chlorophenyl phenyl ether	42	U	360	42
100-01-6	4-Nitroaniline	110	U	720	110
534-52-1	4,6-Dinitro-2-methylphenol	97	U	720	97
101-55-3	4-Bromophenyl phenyl ether	35	U	360	35
1912-24-9	Atrazine	55	U	360	55
120-12-7	Anthracene	43	U	360	43
86-74-8	Carbazole	42	U	360	42
85-01-8	Phenanthrene	45	U	360	45
87-86-5	Pentachlorophenol	110	U	720	110
129-00-0	Pyrene	76	J	360	30
218-01-9	Chrysene	42	U	360	42
207-08-9	Benzo[k]fluoranthene	6.9	J	36	2.7
191-24-2	Benzo[g,h,i]perylene	26	U	360	26
205-99-2	Benzo[b]fluoranthene	18	J	36	2.3
50-32-8	Benzo[a]pyrene	2.5	U	36	2.5
56-55-3	Benzo[a]anthracene	2.5	U	36	2.5
86-30-6	N-Nitrosodiphenylamine	35	U	360	35
85-68-7	Butyl benzyl phthalate	33	U	360	33
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	360	120
117-84-0	Di-n-octyl phthalate	23	U	360	23
193-39-5	Indeno[1,2,3-cd]pyrene	8.5	J	36	6.6
53-70-3	Dibenz(a,h)anthracene	4.5	U	36	4.5
91-94-1	3,3'-Dichlorobenzidine	130	U	360	130
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U	360	48
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	360	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-VD | Lab Sample ID: 460-72174-31

Matrix: Solid | Lab File ID: L1147949.D

Analysis Method: 8270C | Date Collected: 03/06/2014 13:50

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/14/2014 11:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212527 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	101		40-106
4165-62-2	Phenol-d5	92		44-104
1718-51-0	Terphenyl-d14	80		41-145
118-79-6	2,4,6-Tribromophenol	63		19-114
367-12-4	2-Fluorophenol	85		39-103
321-60-8	2-Fluorobiphenyl	98		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-VD | Lab Sample ID: 460-72174-31

Matrix: Solid | Lab File ID: L1147949.D

Analysis Method: 8270C | Date Collected: 03/06/2014 13:50

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/14/2014 11:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212527 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 48900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	7.75	2700	J N
37680-65-2	1,1'-Biphenyl, 2,2',5-trichloro-	8.18	2300	J N
	Unknown	8.21	2500	J
55702-45-9	1,1'-Biphenyl, 2,3,6-trichloro-	8.35	2000	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.60	8000	J N
2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	8.66	1300	J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	8.74	1400	J N
41464-41-9	1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	8.76	1100	J N
32598-11-1	1,1'-Biphenyl, 2,3',4',5-tetrachloro-	8.87	3300	J N
52663-59-9	1,1'-Biphenyl, 2,2',3,4-tetrachloro-	8.90	2400	J N
15968-05-5	1,1'-Biphenyl, 2,2',6,6'-tetrachloro-	8.93	1700	J N
35693-99-3	1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	9.03	2800	J N
	Unknown	9.05	1200	J
38444-84-7	1,1'-Biphenyl, 2,3,3'-trichloro-	9.09	1500	J N
32598-12-2	1,1'-Biphenyl, 2,4,4',6-tetrachloro-	9.13	2100	J N
32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	9.32	1600	J N
41464-42-0	1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	9.35	3500	J N
32598-12-2	1,1'-Biphenyl, 2,4,4',6-tetrachloro-	9.38	3600	J N
32598-12-2	1,1'-Biphenyl, 2,4,4',6-tetrachloro-	9.50	2600	J N
31508-00-6	1,1'-Biphenyl, 2,3',4,4',5-pentachloro-	9.55	1300	J N

Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D
Lims ID: 460-72174-F-31-C Lab Sample ID: 460-72174-31
Client ID: PMP-7SW-VD
Sample Type: Client
Inject. Date: 14-Mar-2014 11:58:30 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010840-025
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 15:34:46 Calib Date: 05-Mar-2014 23:36:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147714.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: szczecha Date: 14-Mar-2014 15:24:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.443	2.431	0.012	93	86311	42.7	
$ 6 Phenol-d5	99	3.360	3.366	-0.006	68	108251	45.9	
* 13 1,4-Dichlorobenzene-d4	152	3.713	3.713	0.0	96	71455	40.0	
$ 25 Nitrobenzene-d5	82	4.290	4.295	-0.005	91	102614	50.3	
* 35 Naphthalene-d8	136	5.013	5.013	0.0	99	264451	40.0	
41 2-Methylnaphthalene	142	5.748	5.748	0.0	39	1289	0.3194	
44 1,2,4,5-Tetrachlorobenzene	216	5.925	5.919	0.006	1	359	0.1910	
$ 48 2-Fluorobiphenyl	172	6.119	6.125	-0.006	97	199342	49.0	
* 61 Acenaphthene-d10	164	6.772	6.772	0.0	94	124781	40.0	
$ 76 2,4,6-Tribromophenol	330	7.560	7.560	0.0	89	18973	31.6	
* 83 Phenanthrene-d10	188	8.236	8.237	-0.001	86	186379	40.0	
90 Pyrene	202	9.648	9.642	0.006	95	6212	1.06	
$ 91 Terphenyl-d14	244	9.813	9.813	0.0	99	173800	40.1	
* 96 Chrysene-d12	240	10.895	10.895	0.0	99	203979	40.0	
98 Bis(2-ethylhexyl) phthalate	149	10.966	10.966	0.0	55	2593	0.7030	
100 Benzo[b]fluoranthene	252	12.207	12.201	0.006	47	1590	0.2466	
101 Benzo[k]fluoranthene	252	12.236	12.236	0.0	1	658	0.0956	
* 103 Perylene-d12	264	12.683	12.683	0.0	97	266814	40.0	
104 Indeno[1,2,3-cd]pyrene	276	14.118	14.095	0.023	1	885	0.1180	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D
Lims ID: 460-72174-F-31-C Lab Sample ID: 460-72174-31
Client ID: PMP-7SW-VD
Sample Type: Client
Inject. Date: 14-Mar-2014 11:58:30 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010840-025
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 15:34:46 Calib Date: 05-Mar-2014 23:36:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: szczecha Date: 14-Mar-2014 15:24:59

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
1921-70-6 Pentadecane, 2,6,10,14-tetramethyl-								
7.754	675664	37.6	83	91	99493	C19H40	268	
37680-65-2 1,1'-Biphenyl, 2,2',5-trichloro-								
8.183	586032	32.6	83	99	91786	C12H7Cl3	256	M
Unknown								
8.207	634694	35.3	83					M
55702-45-9 1,1'-Biphenyl, 2,3,6-trichloro-								
8.354	511618	28.4	83	99	91783	C12H7Cl3	256	
16606-02-3 1,1'-Biphenyl, 2,4',5-trichloro-								
8.601	1986451	110.4	83	99	91788	C12H7Cl3	256	M
2437-79-8 1,1'-Biphenyl, 2,2',4,4'-tetrachloro-								
8.660	312729	17.4	83	99	111724	C12H6Cl4	290	M
38444-86-9 1,1'-Biphenyl, 2',3,4-trichloro-								
8.736	348876	19.4	83	96	91793	C12H7Cl3	256	M
41464-41-9 1,1'-Biphenyl, 2,2',5,6-Tetrachloro-								
8.760	280723	15.6	83	96	111715	C12H6Cl4	290	M
32598-11-1 1,1'-Biphenyl, 2,3',4',5-tetrachloro-								
8.866	822445	45.7	83	99	111737	C12H6Cl4	290	M
52663-59-9 1,1'-Biphenyl, 2,2',3,4-tetrachloro-								
8.901	601352	33.4	83	99	111710	C12H6Cl4	290	M
15968-05-5 1,1'-Biphenyl, 2,2',6,6'-tetrachloro-								
8.925	436590	24.3	83	98	111727	C12H6Cl4	290	M
35693-99-3 1,1'-Biphenyl, 2,2',5,5'-tetrachloro-								
9.025	699331	38.9	83	99	111741	C12H6Cl4	290	M

Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
9.054	306551	17.0	83					M
	38444-84-7	1,1'-Biphenyl, 2,3,3'-trichloro-						
9.089	373461	20.8	83	96	91792	C12H7Cl3	256	M
	32598-12-2	1,1'-Biphenyl, 2,4,4',6-tetrachloro-						
9.130	518739	28.8	83	99	111716	C12H6Cl4	290	M
	32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-						
9.319	399586	22.2	83	99	111742	C12H6Cl4	290	
	41464-42-0	1,1'-Biphenyl, 2,3',5,5'-tetrachloro-						
9.354	883906	49.1	83	99	111739	C12H6Cl4	290	
	32598-12-2	1,1'-Biphenyl, 2,4,4',6-tetrachloro-						
9.377	904265	50.3	83	98	111716	C12H6Cl4	290	
	32598-12-2	1,1'-Biphenyl, 2,4,4',6-tetrachloro-						
9.501	638845	35.5	83	99	111716	C12H6Cl4	290	
	31508-00-6	1,1'-Biphenyl, 2,3',4,4',5-pentachloro-						
9.548	331418	18.4	83	98	129500	C12H5Cl5	324	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 83 Phenanthrene-d10	8.236	719542	40.0

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

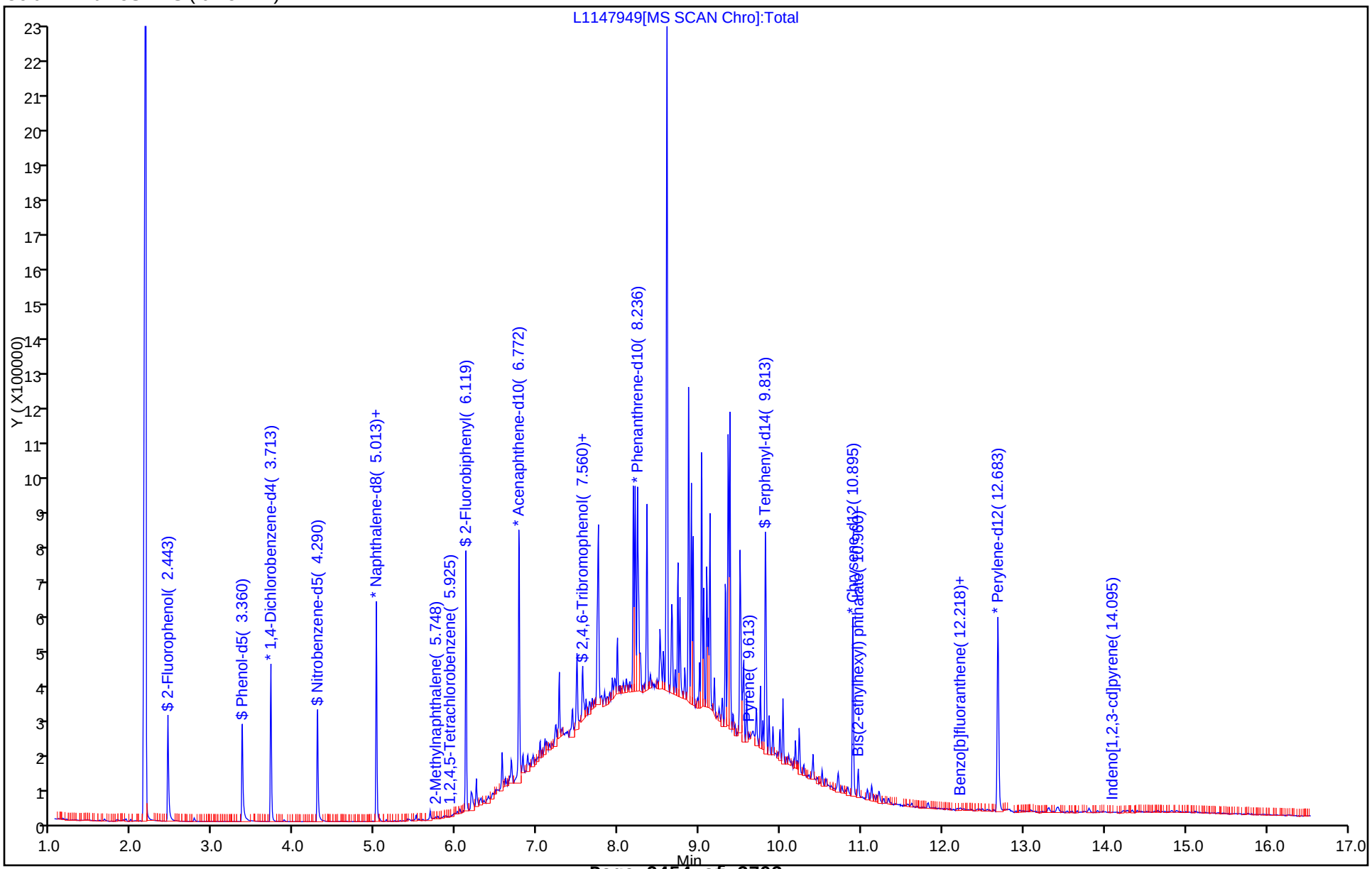
Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

Injection Date:	14-Mar-2014 11:58:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-72174-F-31-C	Lab Sample ID:	460-72174-31	Worklist Smp#:	25
Client ID:	PMP-7SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8270_12R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



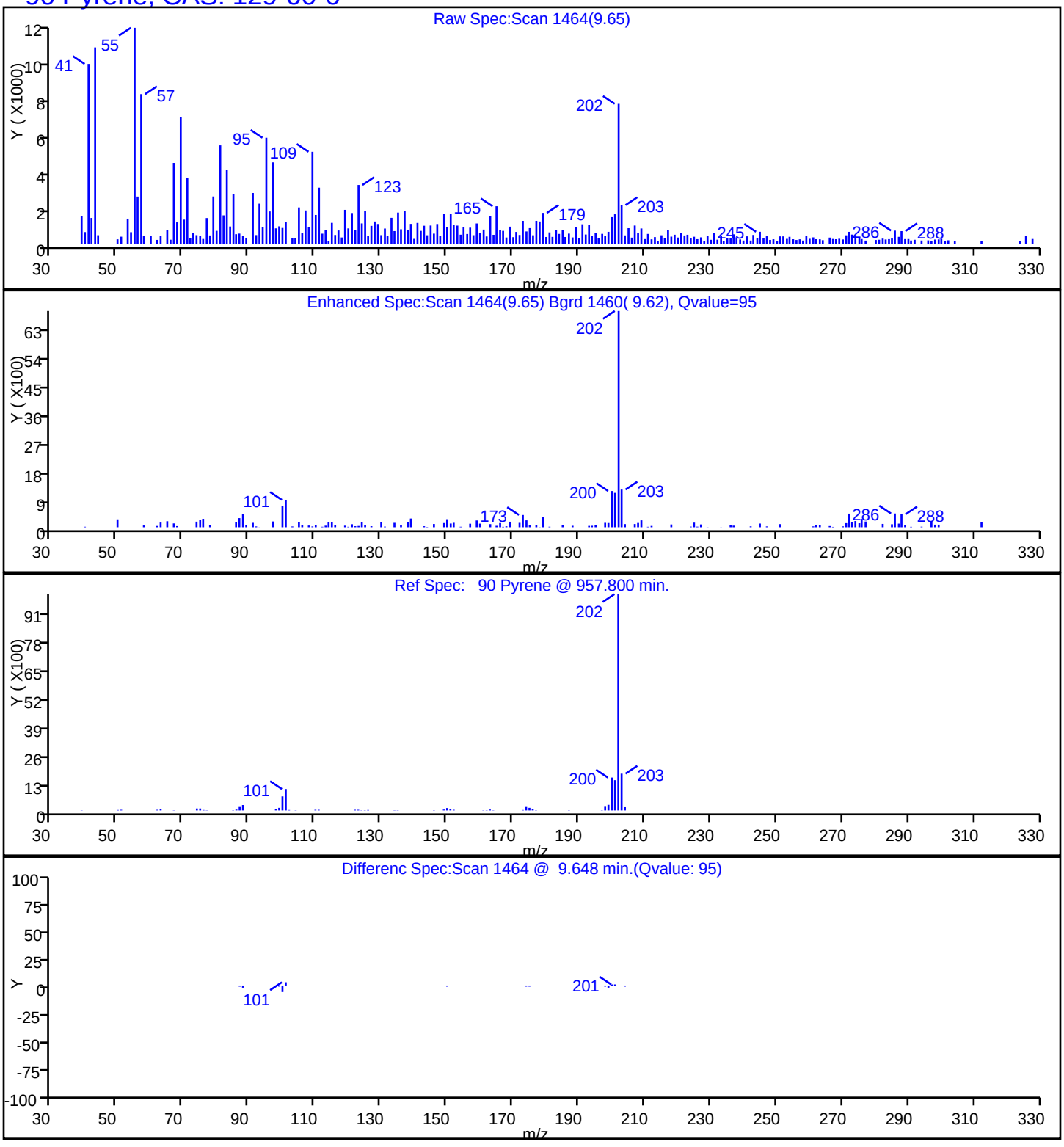
Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

Injection Date:	14-Mar-2014 11:58:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-31-C	Lab Sample ID:	460-72174-31		
Client ID:	PMP-7SW-VD				
Operator ID:	BNA 12	ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Pyrene, CAS: 129-00-0



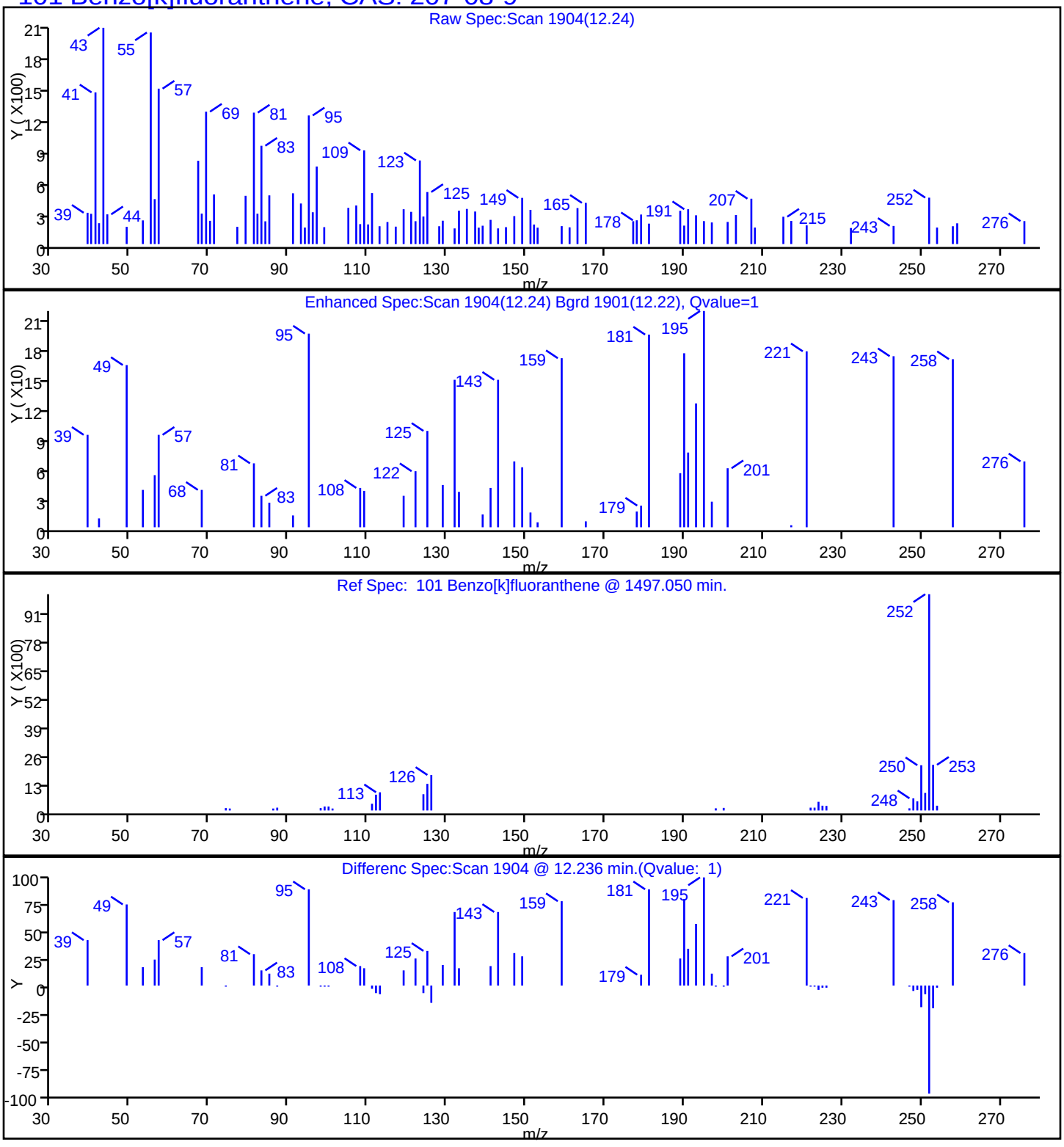
Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

Injection Date:	14-Mar-2014 11:58:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-31-C	Lab Sample ID:	460-72174-31		
Client ID:	PMP-7SW-VD				
Operator ID:	BNA 12	ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[k]fluoranthene, CAS: 207-08-9



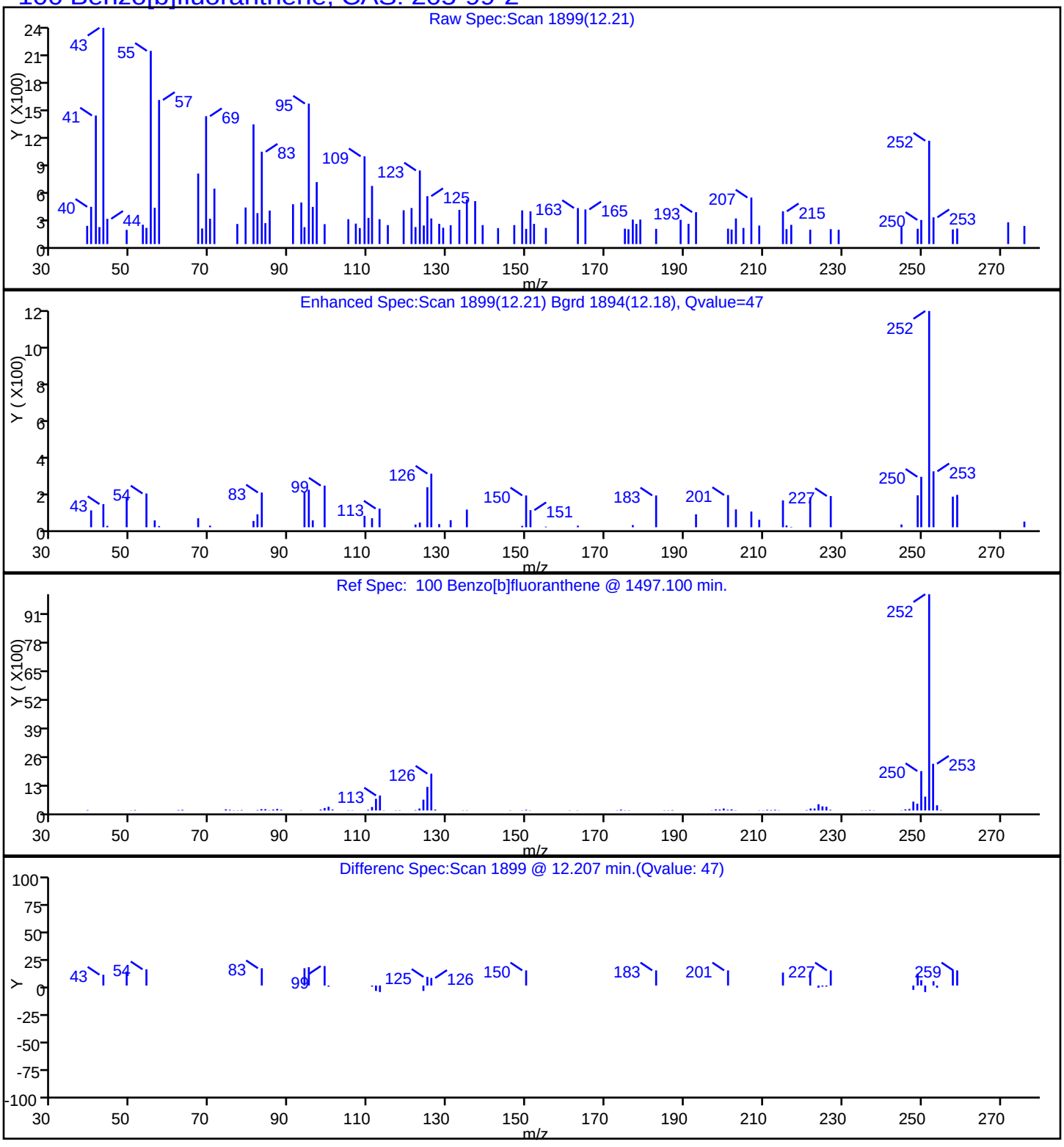
Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

Injection Date:	14-Mar-2014 11:58:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-31-C	Lab Sample ID:	460-72174-31		
Client ID:	PMP-7SW-VD				
Operator ID:	BNA 12	ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

100 Benzo[b]fluoranthene, CAS: 205-99-2



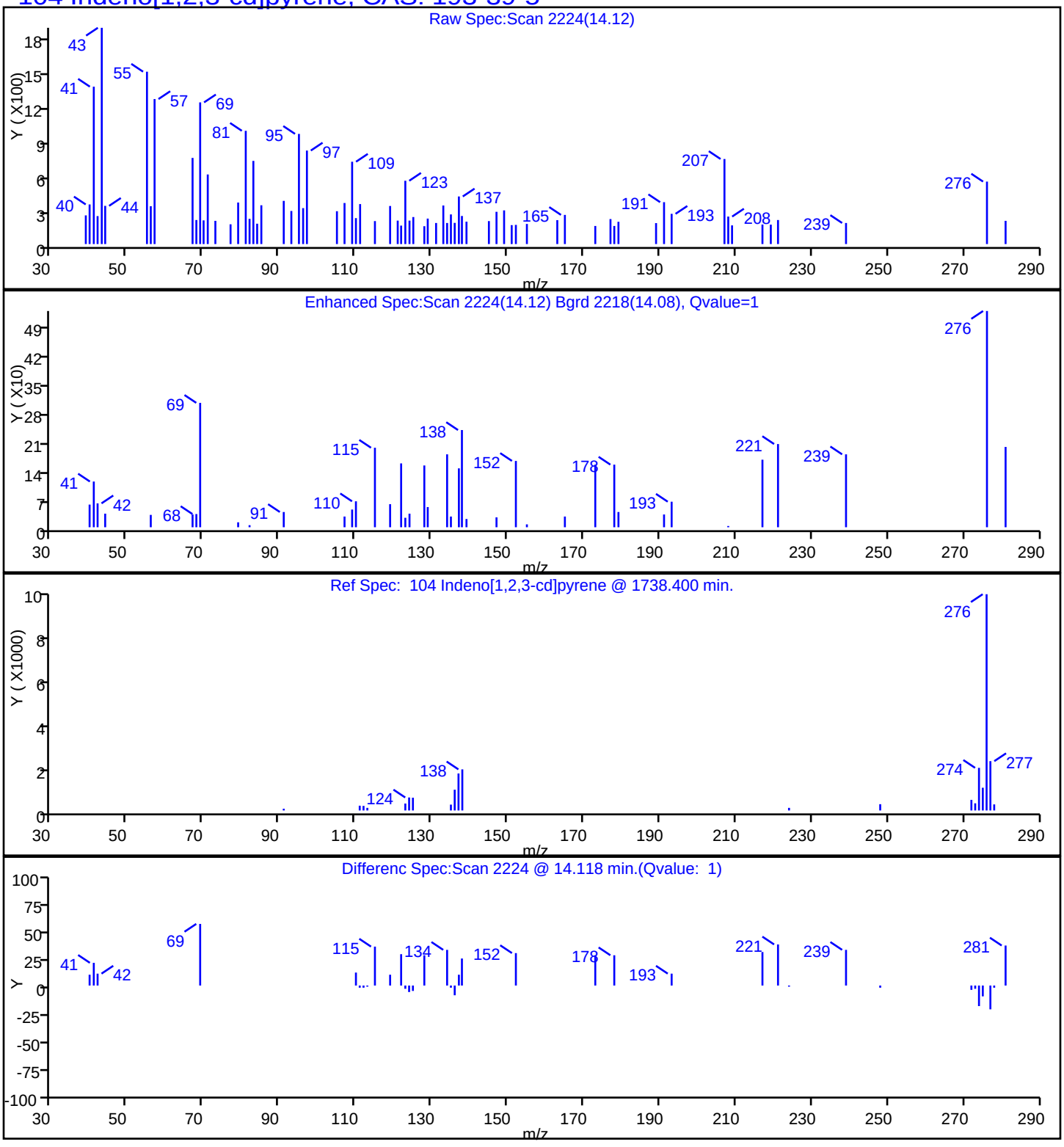
Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

Injection Date:	14-Mar-2014 11:58:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-31-C	Lab Sample ID:	460-72174-31		
Client ID:	PMP-7SW-VD				
Operator ID:	BNA 12	ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

Injection Date: 14-Mar-2014 11:58:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-31-C Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

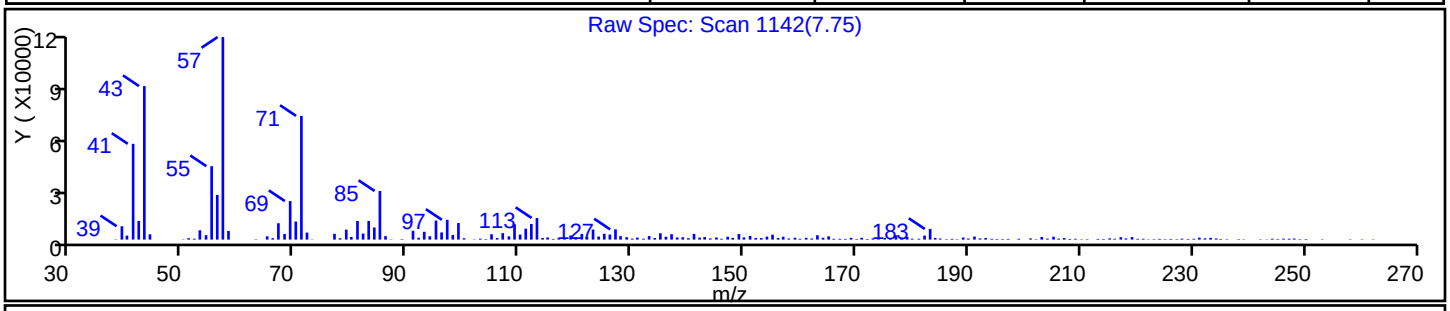
Operator ID: BNA 12 ALS Bottle#: 25 Worklist Smp#: 25

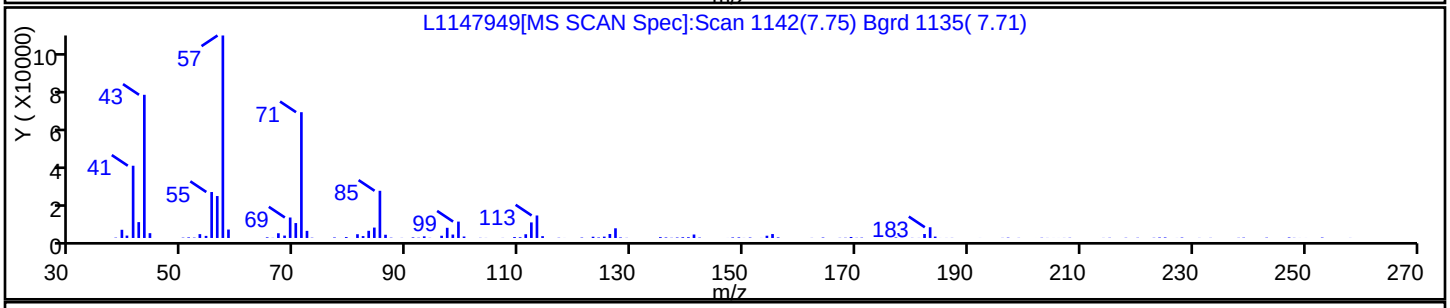
Injection Vol: 1.0 ul Dil. Factor: 1.0000

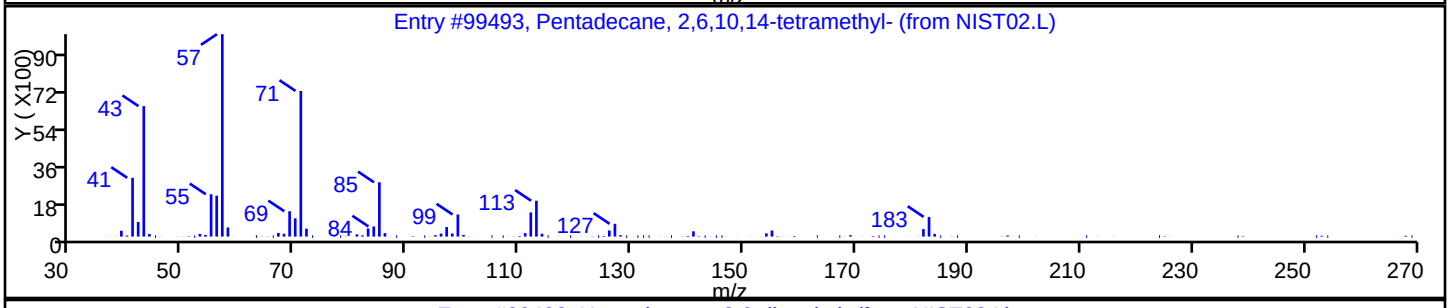
Method: 8270_12R Limit Group: SV 8270 ICAL

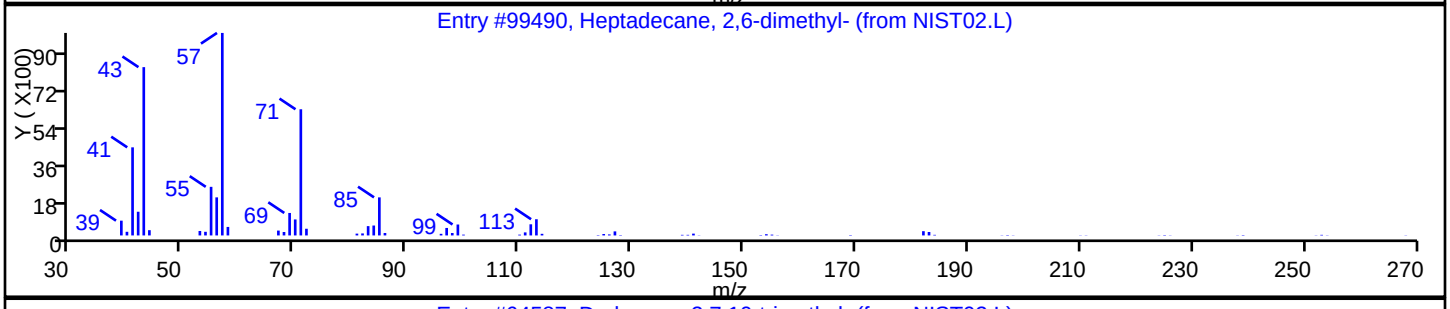
Column: Detector MS SCAN

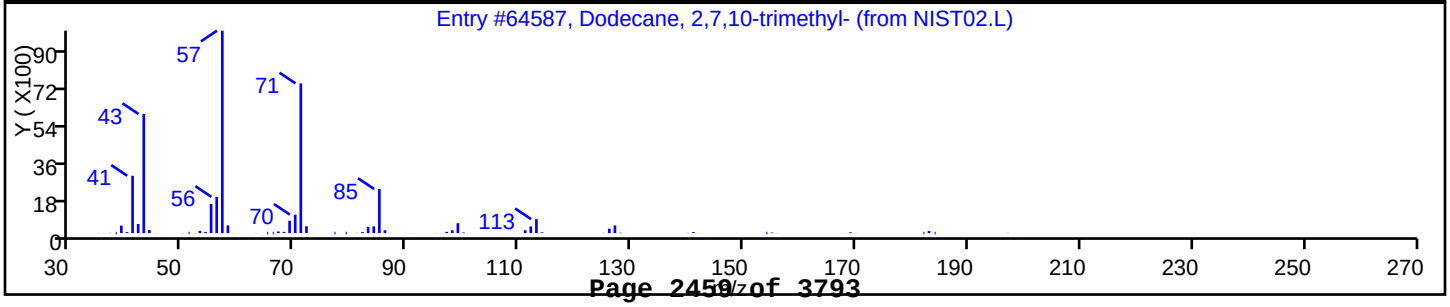
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99493	C19H40	268	91
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	C19H40	268	91
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	87











Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

Injection Date: 14-Mar-2014 11:58:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-31-C Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

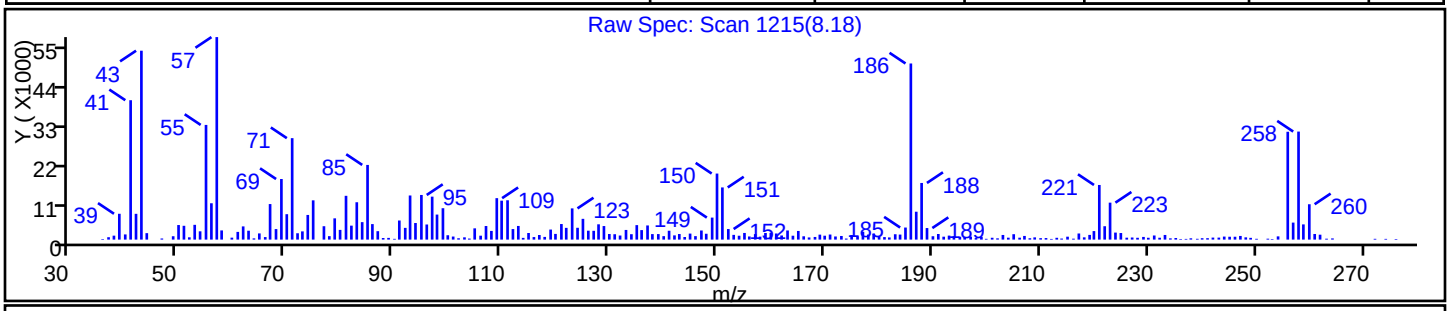
Operator ID: BNA 12 ALS Bottle#: 25 Worklist Smp#: 25

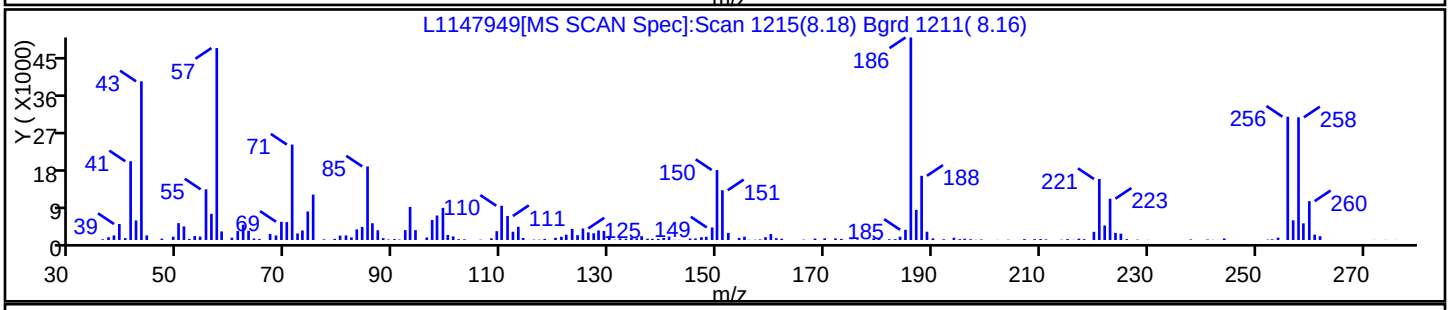
Injection Vol: 1.0 ul Dil. Factor: 1.0000

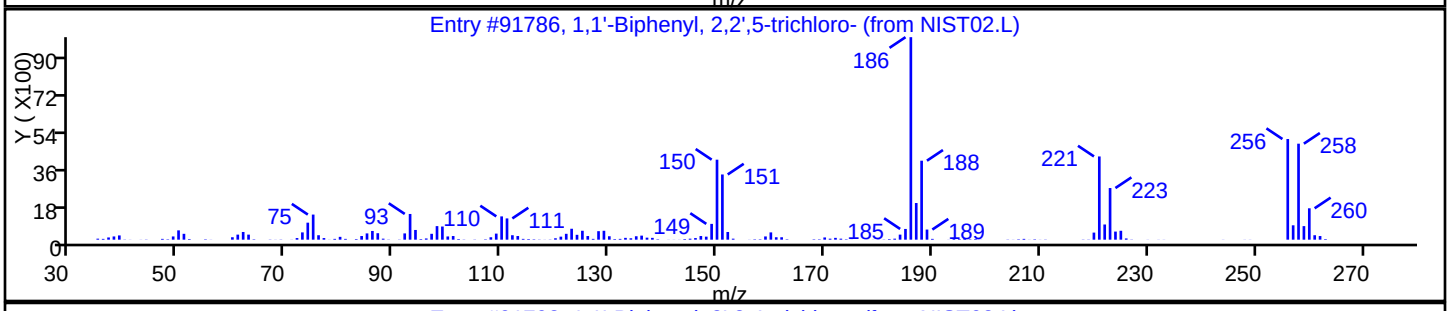
Method: 8270_12R Limit Group: SV 8270 ICAL

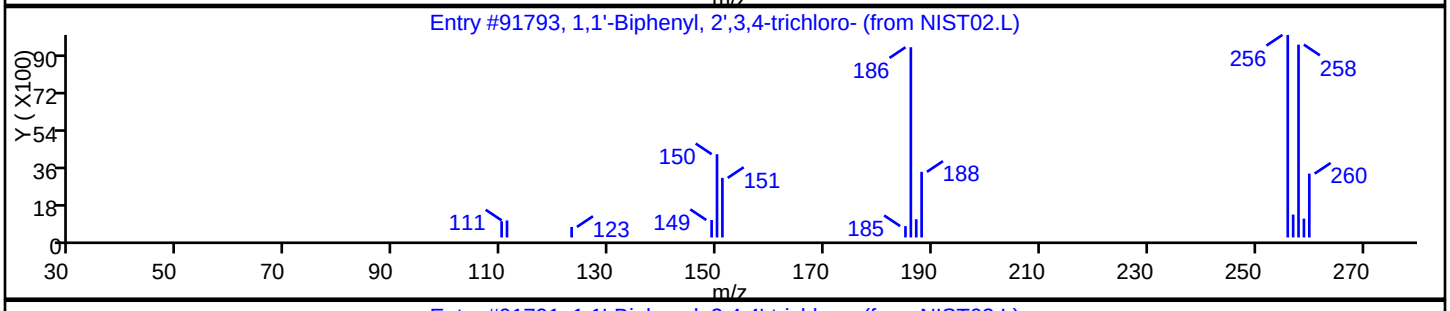
Column: Detector MS SCAN

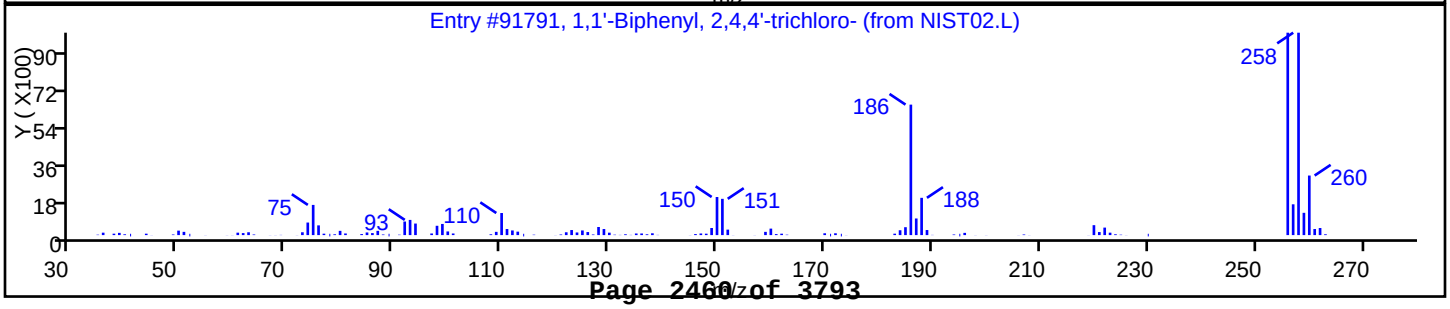
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',5-trichloro-	37680-65-2	NIST02.L	91786	C12H7Cl3	256	99
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	94
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	94









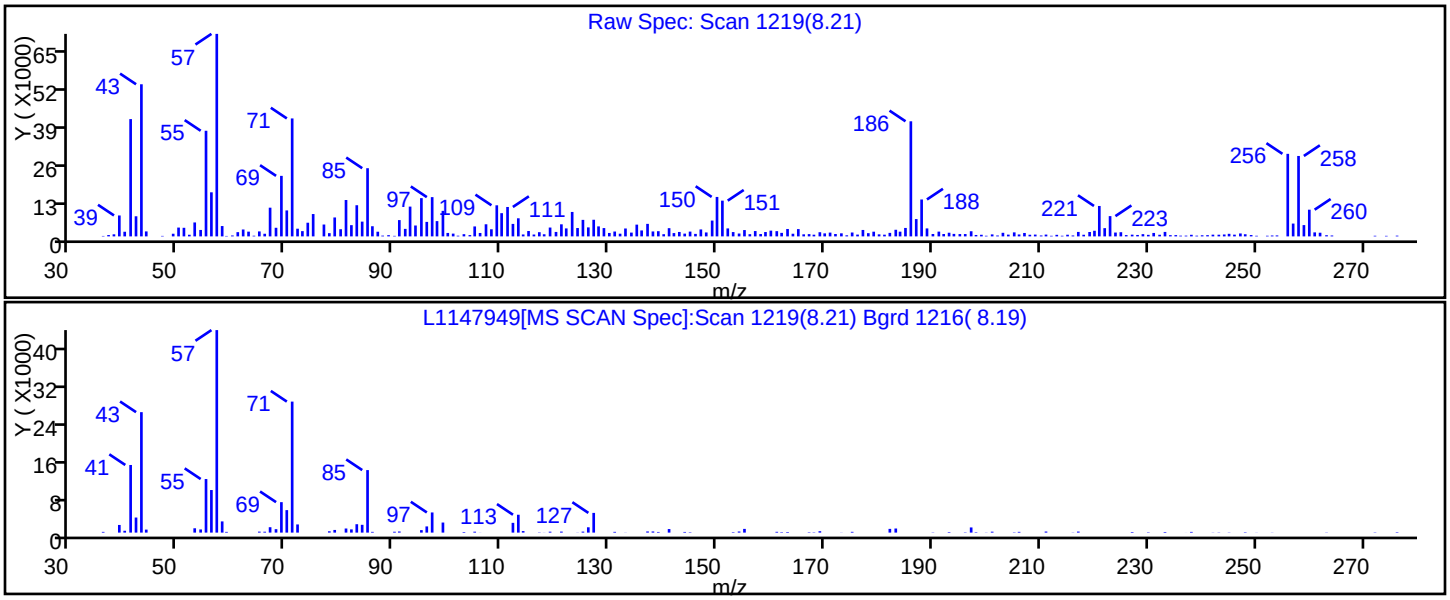


Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

Injection Date:	14-Mar-2014 11:58:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-31-C	Lab Sample ID:	460-72174-31		
Client ID:	PMP-7SW-VD				
Operator ID:	BNA 12	ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Solution	No Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

Injection Date: 14-Mar-2014 11:58:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-31-C Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

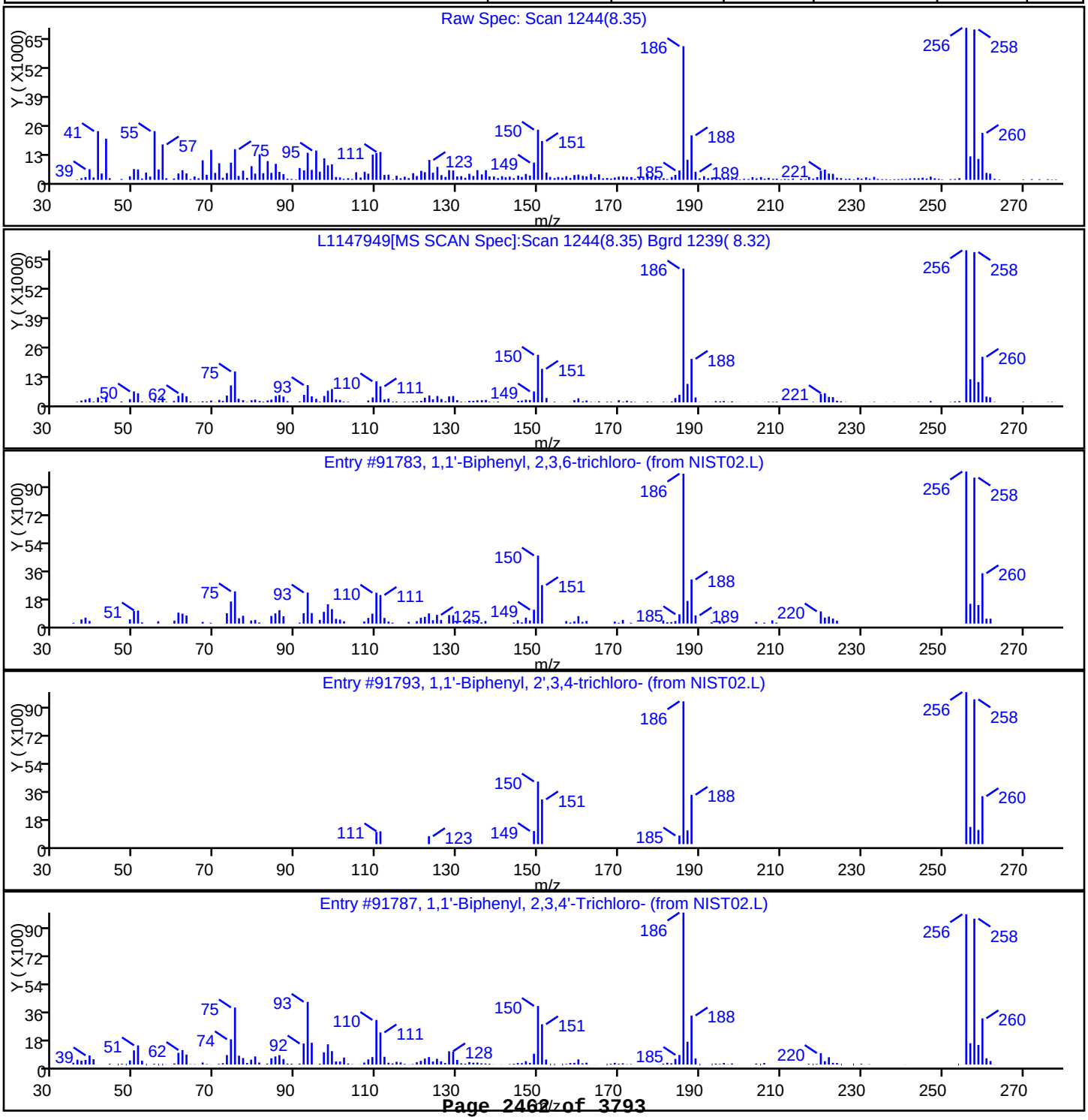
Operator ID: BNA 12 ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.L	91783	C12H7Cl3	256	99
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	98
1,1'-Biphenyl, 2,3,4'-Trichloro-	38444-85-8	NIST02.L	91787	C12H7Cl3	256	98



Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

Injection Date: 14-Mar-2014 11:58:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-31-C Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

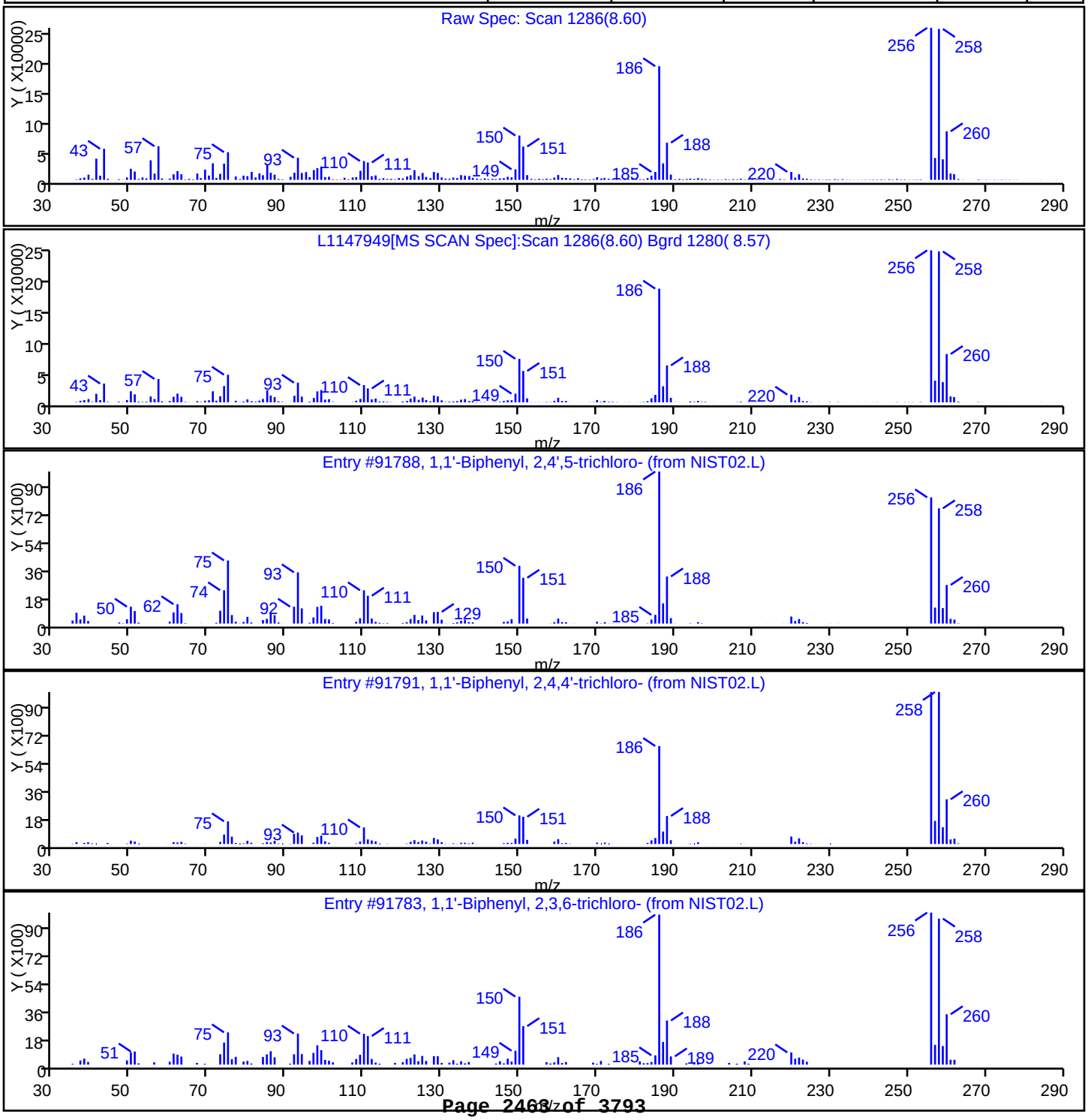
Operator ID: BNA 12 ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	99
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	99
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.L	91783	C12H7Cl3	256	98



Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

Injection Date: 14-Mar-2014 11:58:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-31-C Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

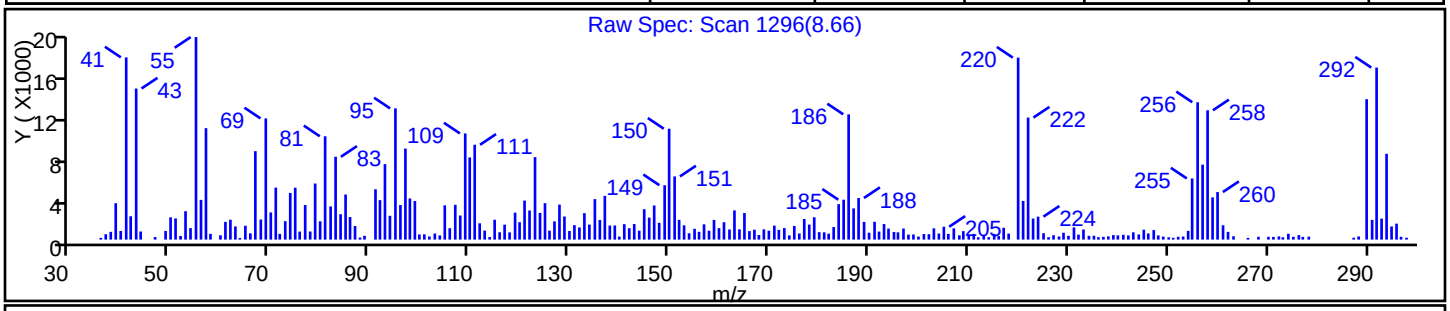
Operator ID: BNA 12 ALS Bottle#: 25 Worklist Smp#: 25

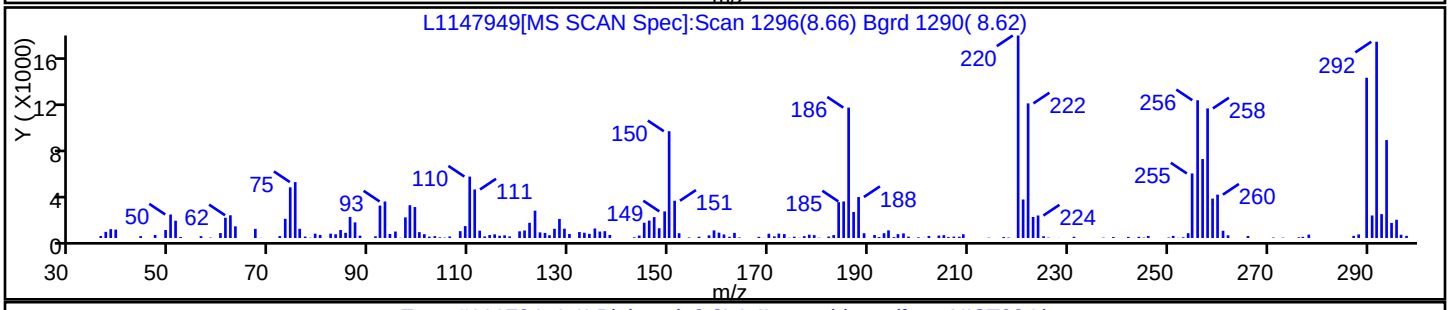
Injection Vol: 1.0 ul Dil. Factor: 1.0000

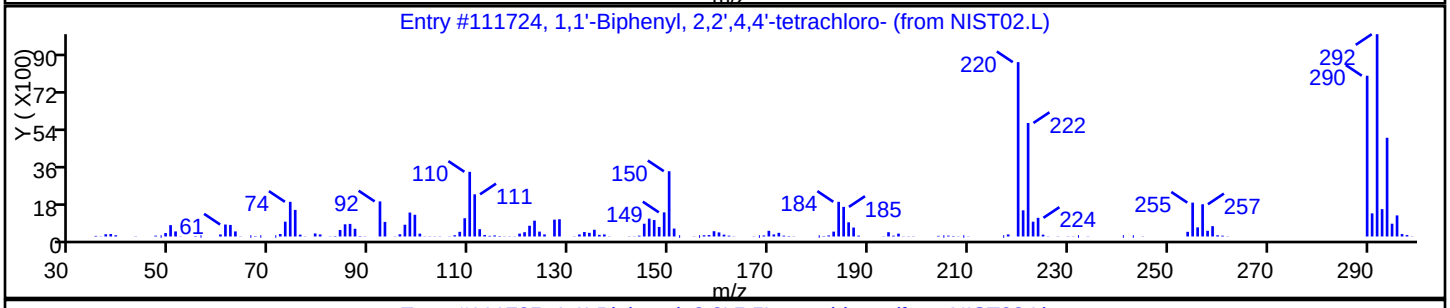
Method: 8270_12R Limit Group: SV 8270 ICAL

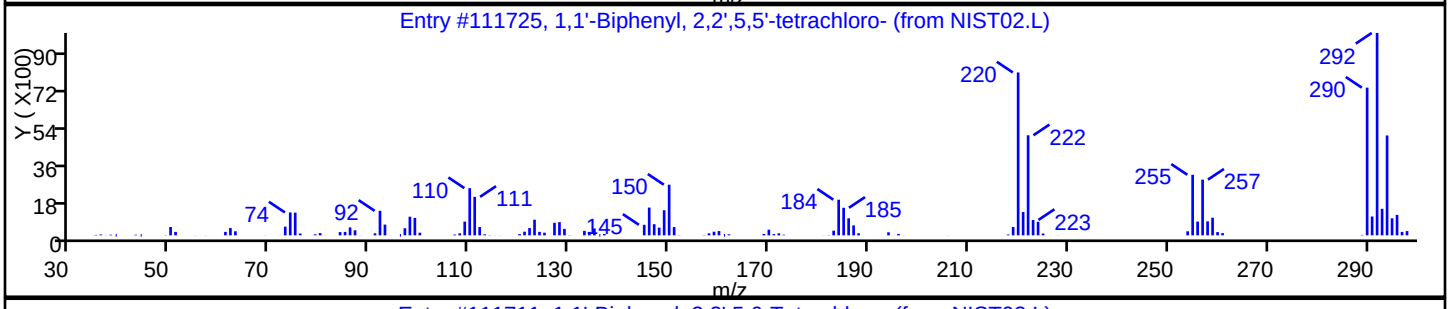
Column: Detector MS SCAN

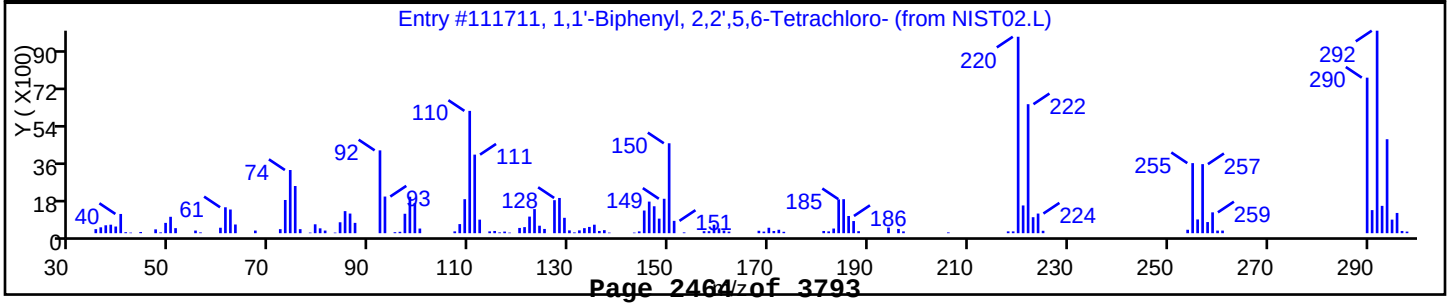
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	2437-79-8	NIST02.L	111724	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	35693-99-3	NIST02.L	111725	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	41464-41-9	NIST02.L	111711	C12H6Cl4	290	99











Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

Injection Date: 14-Mar-2014 11:58:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-31-C Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

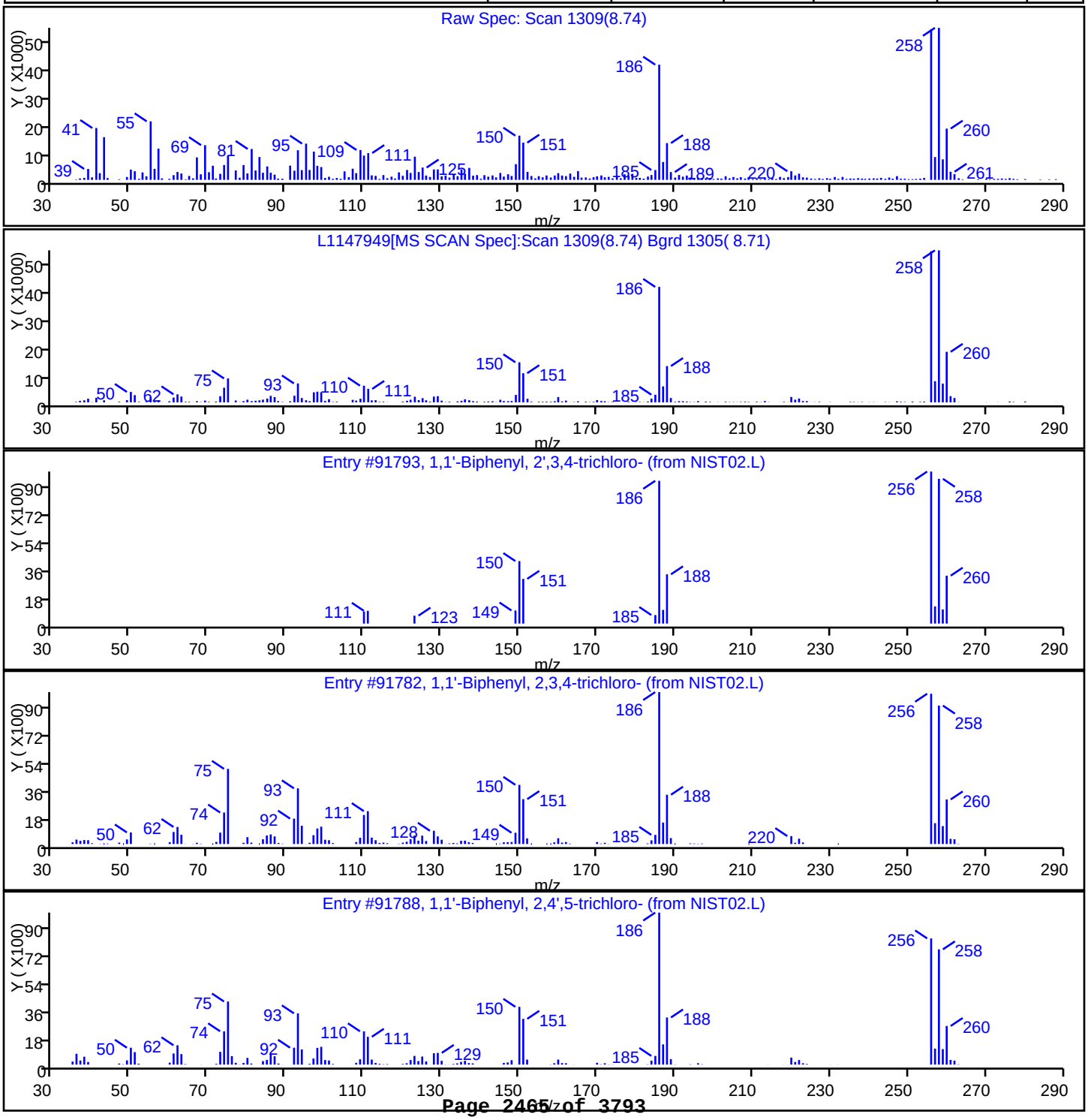
Operator ID: BNA 12 ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	96
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	C12H7Cl3	256	96
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	96



Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

Injection Date: 14-Mar-2014 11:58:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-31-C Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

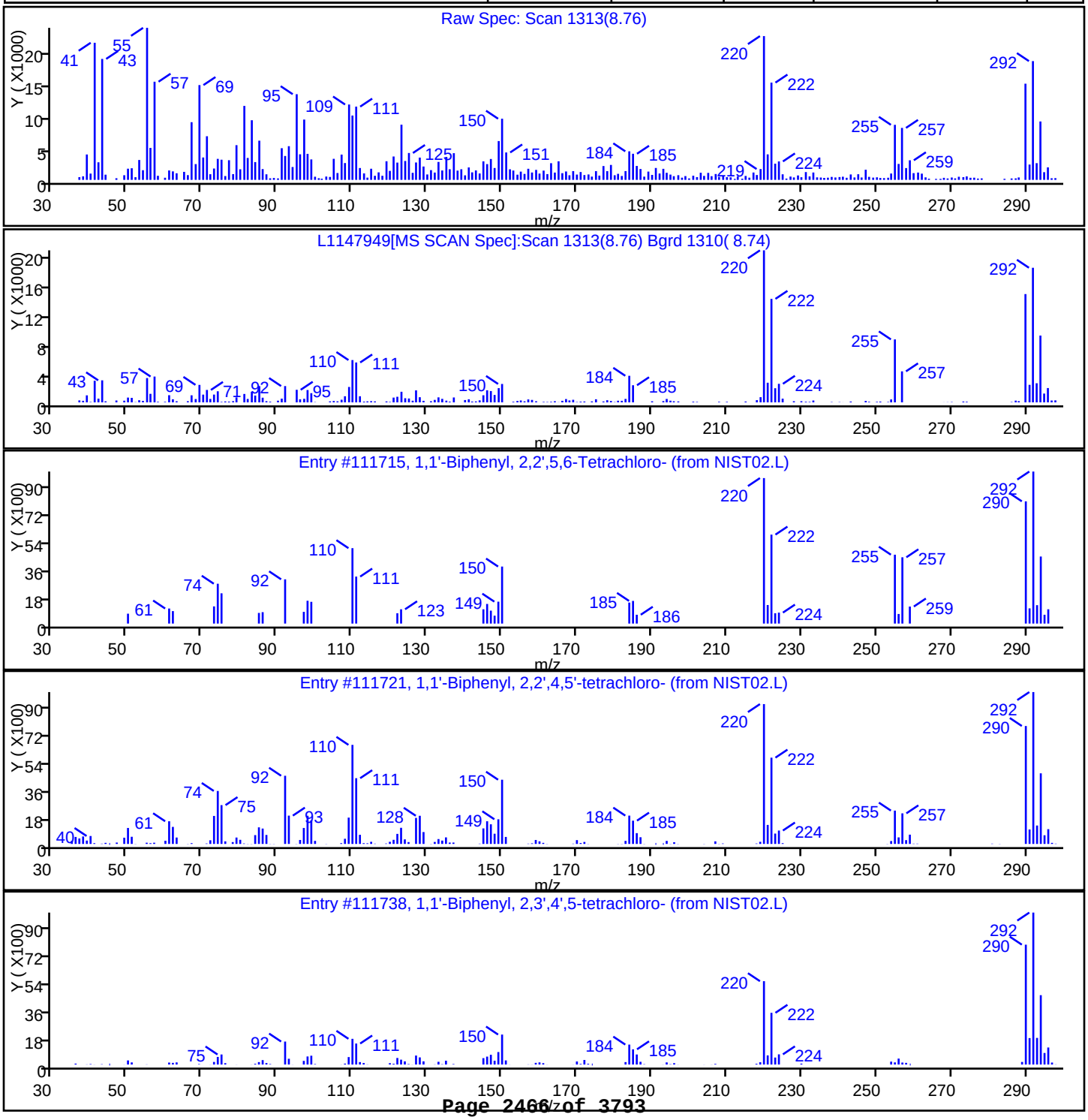
Operator ID: BNA 12 ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	41464-41-9	NIST02.L	111715	C12H6Cl4	290	96
1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	41464-40-8	NIST02.L	111721	C12H6Cl4	290	96
1,1'-Biphenyl, 2,3',4',5-tetrachloro-	32598-11-1	NIST02.L	111738	C12H6Cl4	290	95



Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

Injection Date: 14-Mar-2014 11:58:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-31-C Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

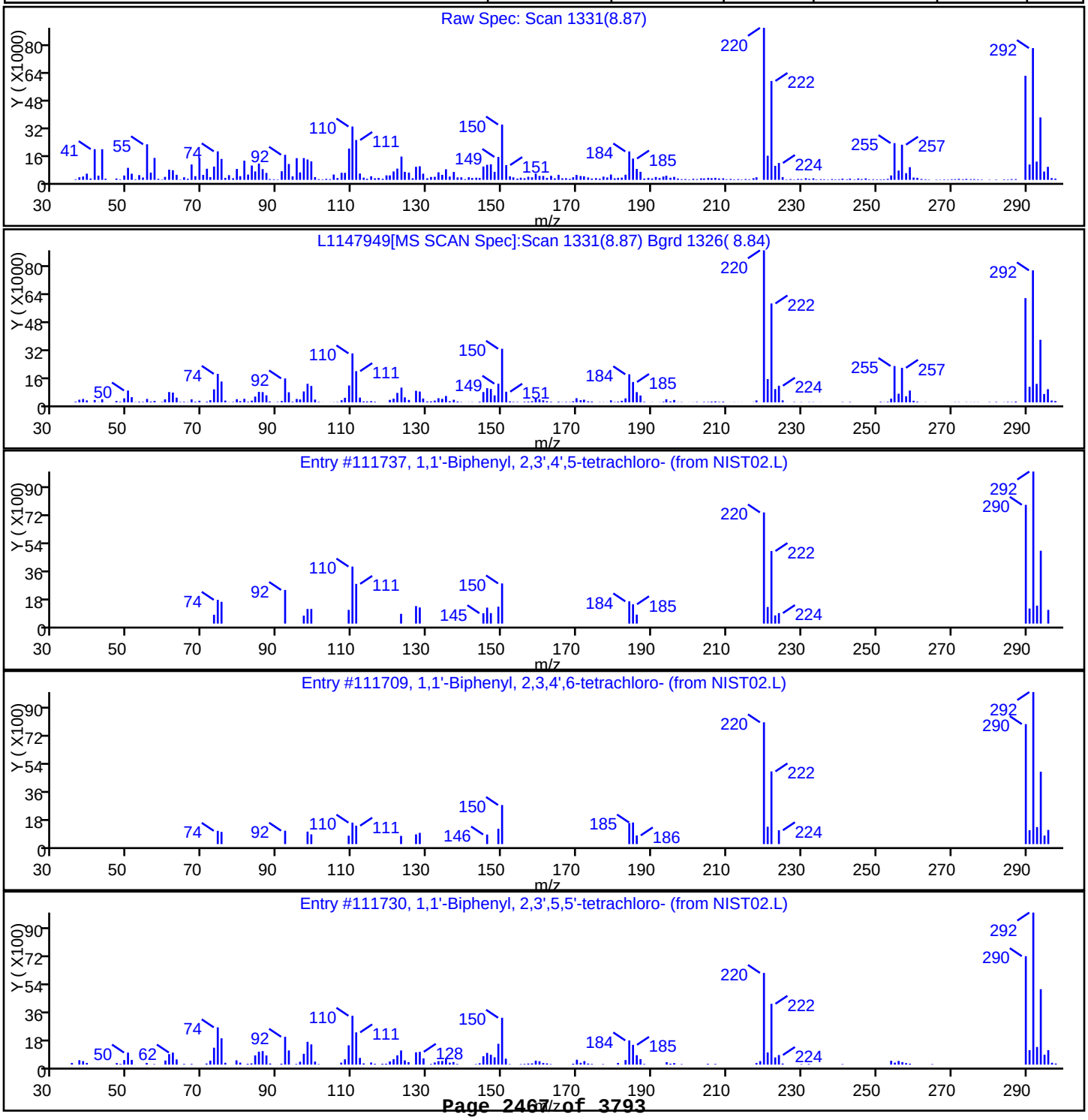
Operator ID: BNA 12 ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3',4',5-tetrachloro-	32598-11-1	NIST02.L	111737	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.L	111730	C12H6Cl4	290	98



Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

Injection Date: 14-Mar-2014 11:58:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-31-C Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

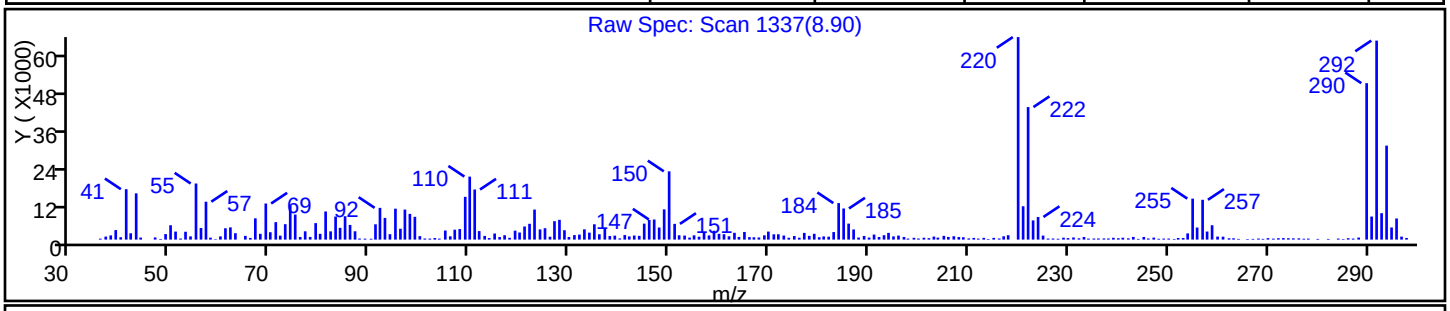
Operator ID: BNA 12 ALS Bottle#: 25 Worklist Smp#: 25

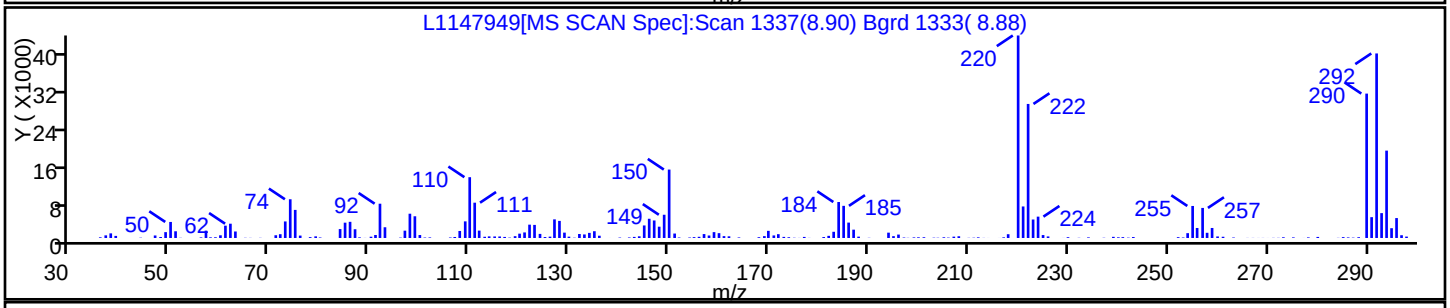
Injection Vol: 1.0 ul Dil. Factor: 1.0000

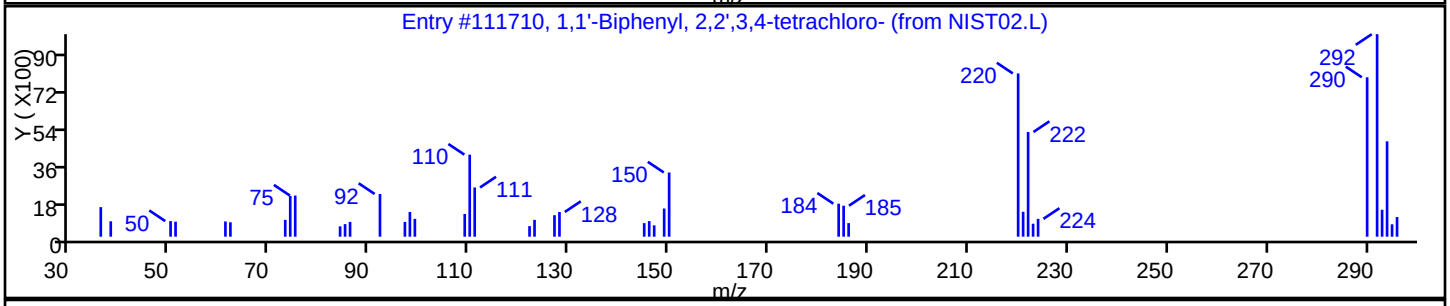
Method: 8270_12R Limit Group: SV 8270 ICAL

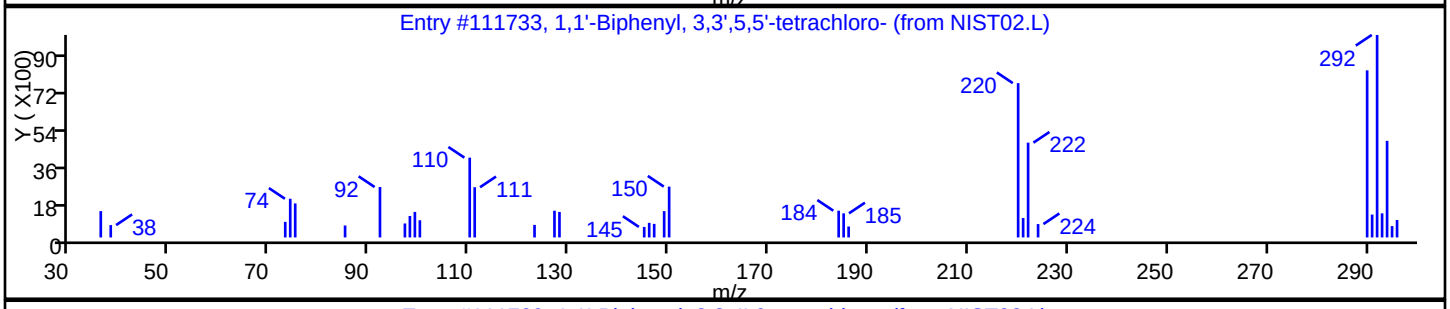
Column: Detector MS SCAN

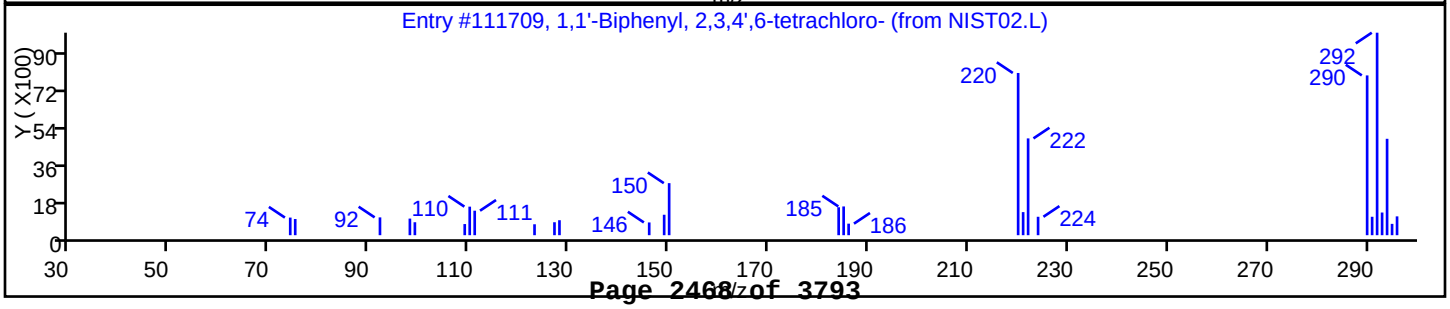
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',3,4-tetrachloro-	52663-59-9	NIST02.L	111710	C12H6Cl4	290	99
1,1'-Biphenyl, 3,3',5,5'-tetrachloro-	33284-52-5	NIST02.L	111733	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	C12H6Cl4	290	99











Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

Injection Date: 14-Mar-2014 11:58:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-31-C Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

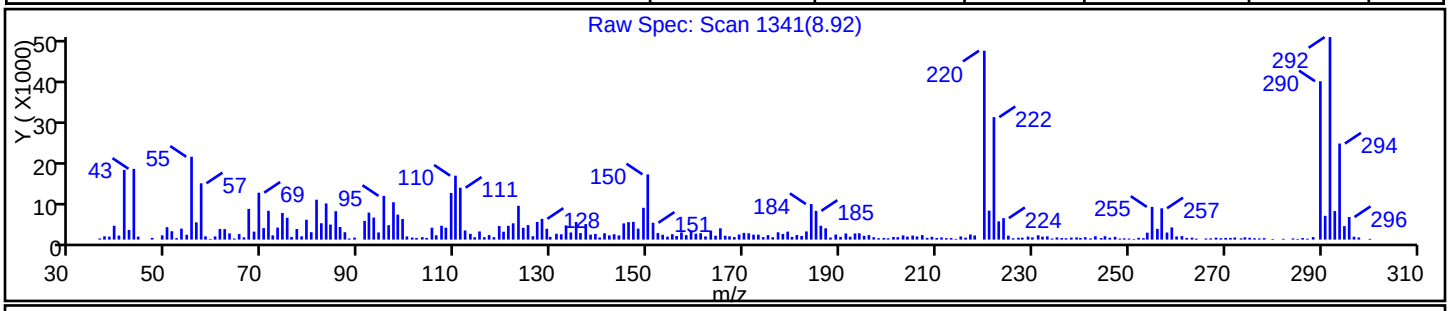
Operator ID: BNA 12 ALS Bottle#: 25 Worklist Smp#: 25

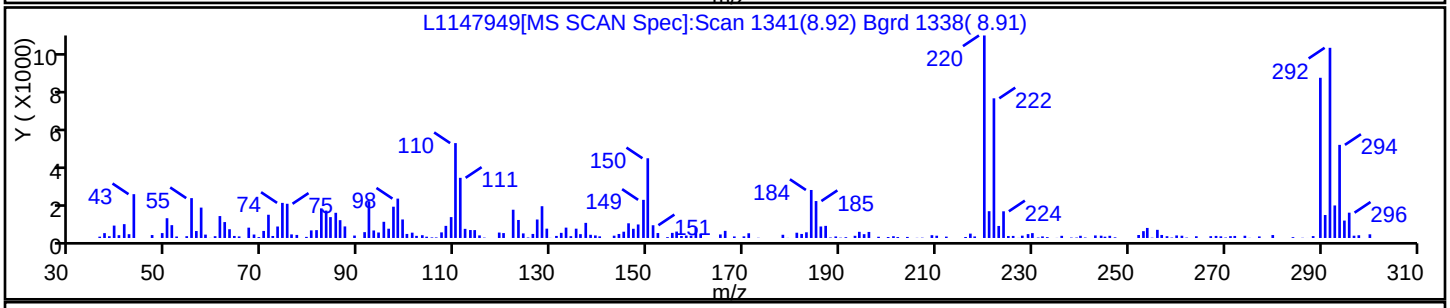
Injection Vol: 1.0 ul Dil. Factor: 1.0000

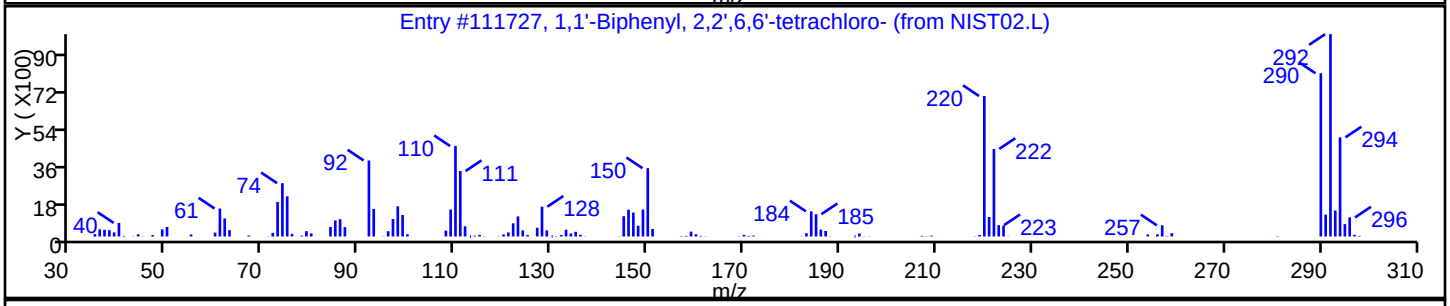
Method: 8270_12R Limit Group: SV 8270 ICAL

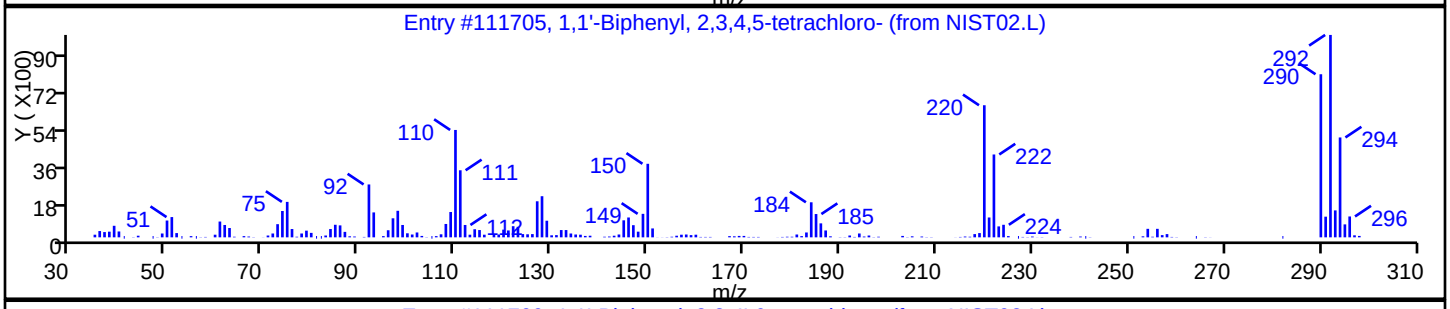
Column: Detector MS SCAN

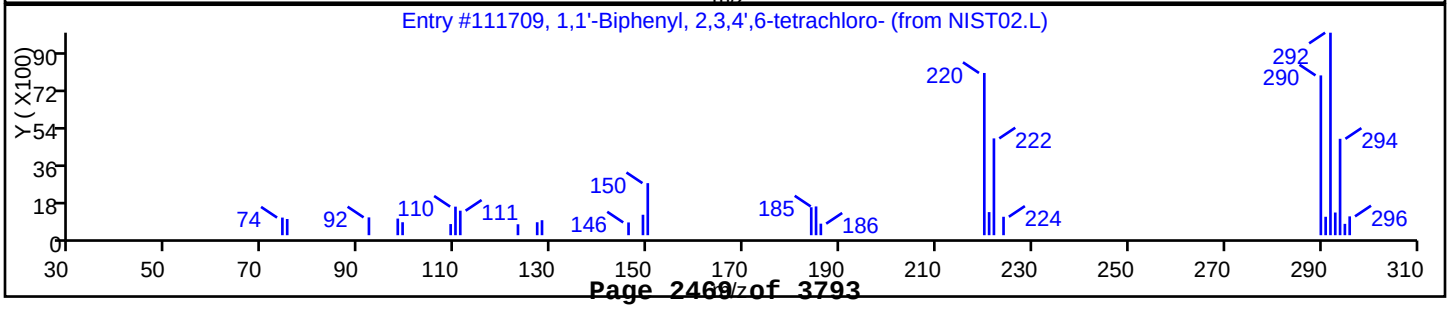
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',6,6'-tetrachloro-	15968-05-5	NIST02.L	111727	C12H6Cl4	290	98
1,1'-Biphenyl, 2,3,4,5-tetrachloro-	33284-53-6	NIST02.L	111705	C12H6Cl4	290	98
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	C12H6Cl4	290	98











Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

Injection Date: 14-Mar-2014 11:58:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-31-C Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

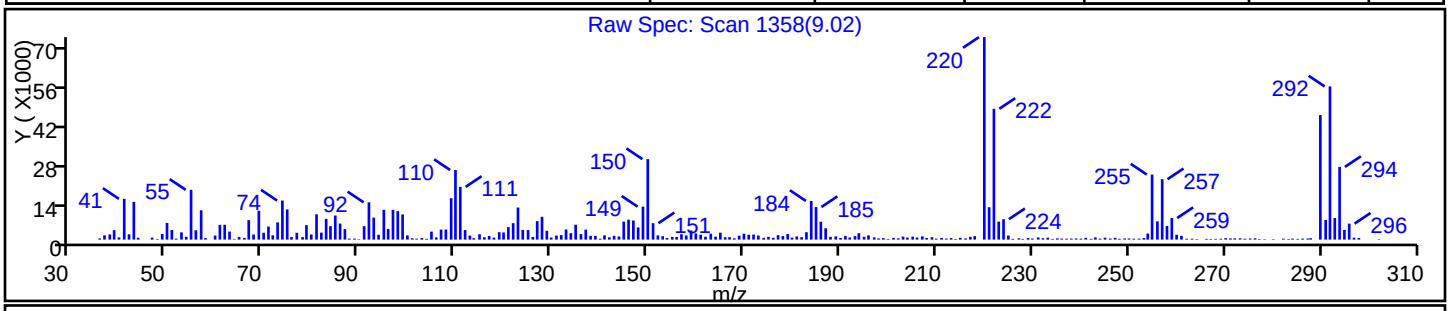
Operator ID: BNA 12 ALS Bottle#: 25 Worklist Smp#: 25

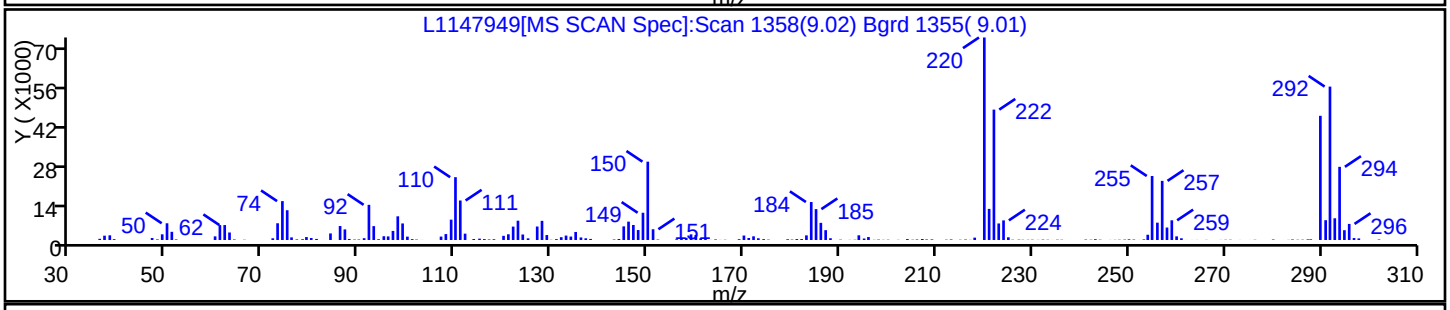
Injection Vol: 1.0 ul Dil. Factor: 1.0000

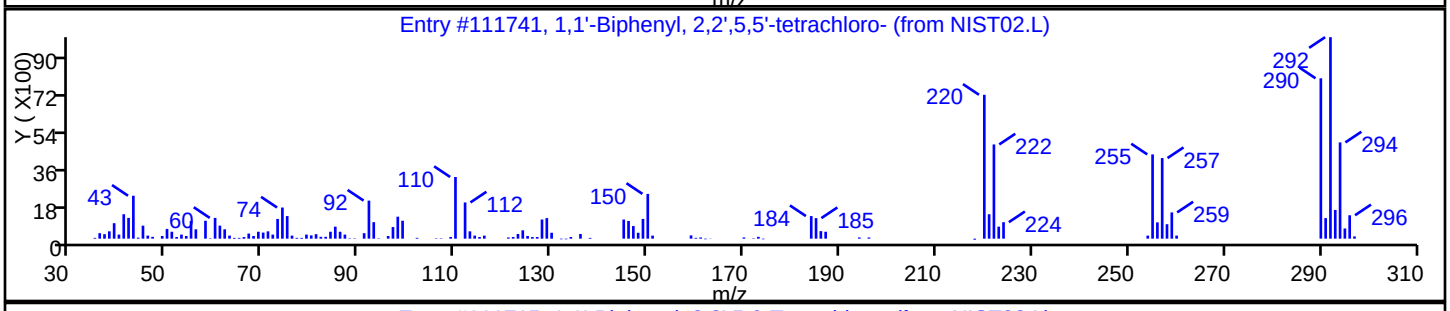
Method: 8270_12R Limit Group: SV 8270 ICAL

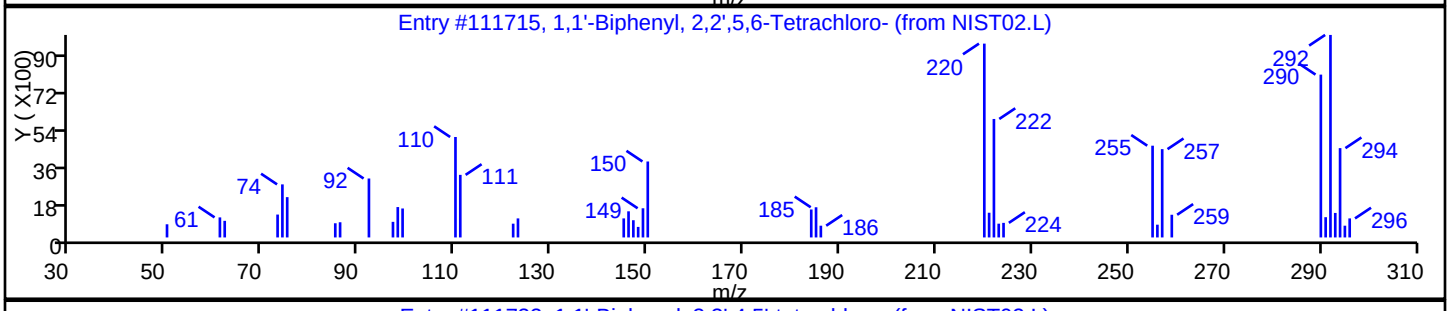
Column: Detector MS SCAN

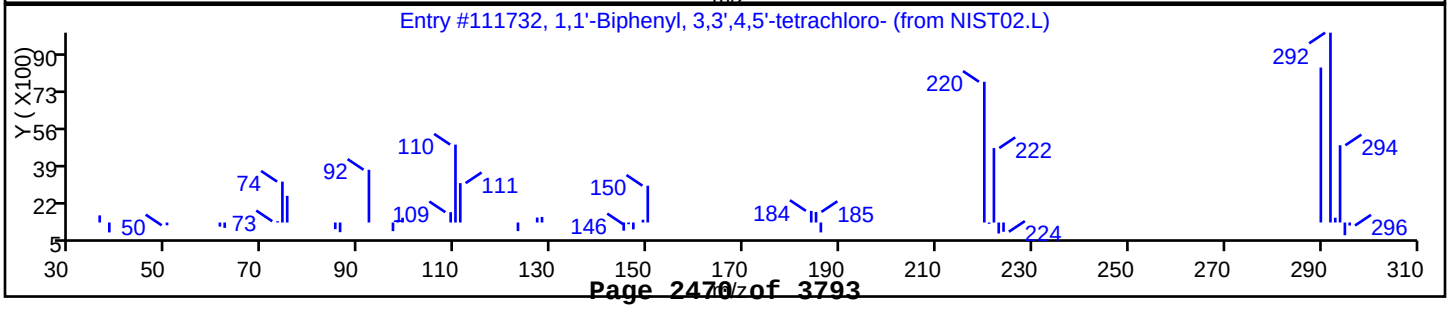
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	35693-99-3	NIST02.L	111741	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	41464-41-9	NIST02.L	111715	C12H6Cl4	290	99
1,1'-Biphenyl, 3,3',4,5'-tetrachloro-	41464-48-6	NIST02.L	111732	C12H6Cl4	290	99







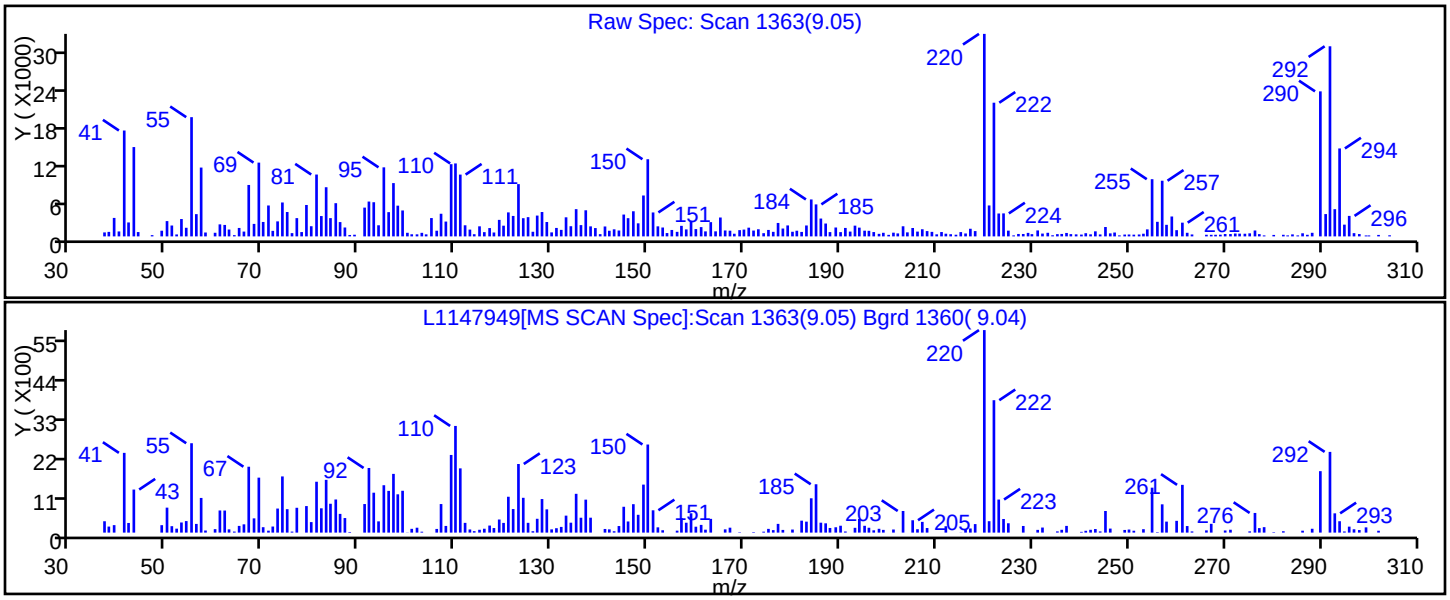




Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D				
Injection Date:	14-Mar-2014 11:58:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-31-C	Lab Sample ID:	460-72174-31		
Client ID:	PMP-7SW-VD				
Operator ID:	BNA 12	ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Number of Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

Injection Date: 14-Mar-2014 11:58:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-31-C Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

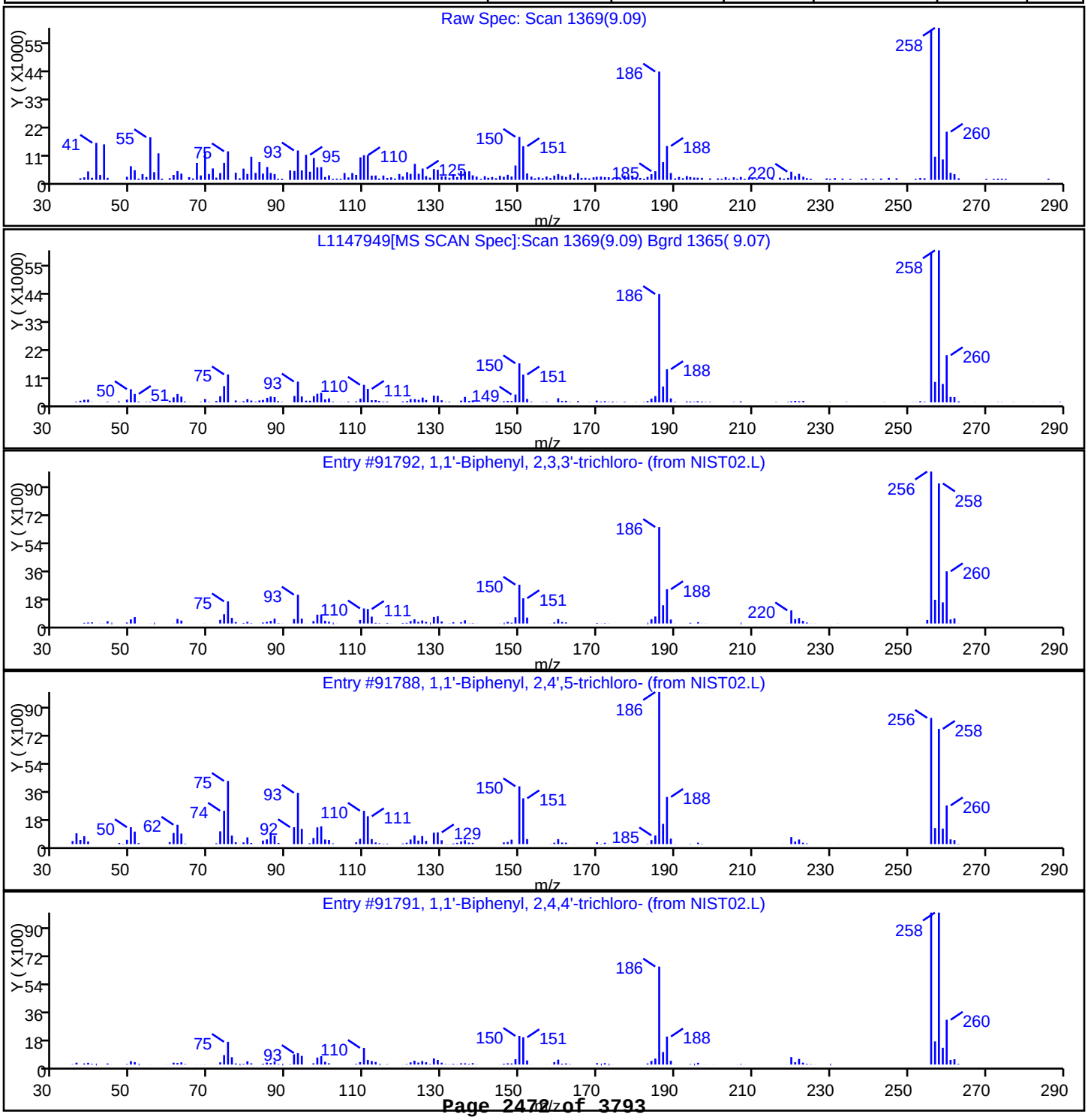
Operator ID: BNA 12 ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,3'-trichloro-	38444-84-7	NIST02.L	91792	C12H7Cl3	256	96
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	96
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	96



Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

Injection Date: 14-Mar-2014 11:58:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-31-C Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

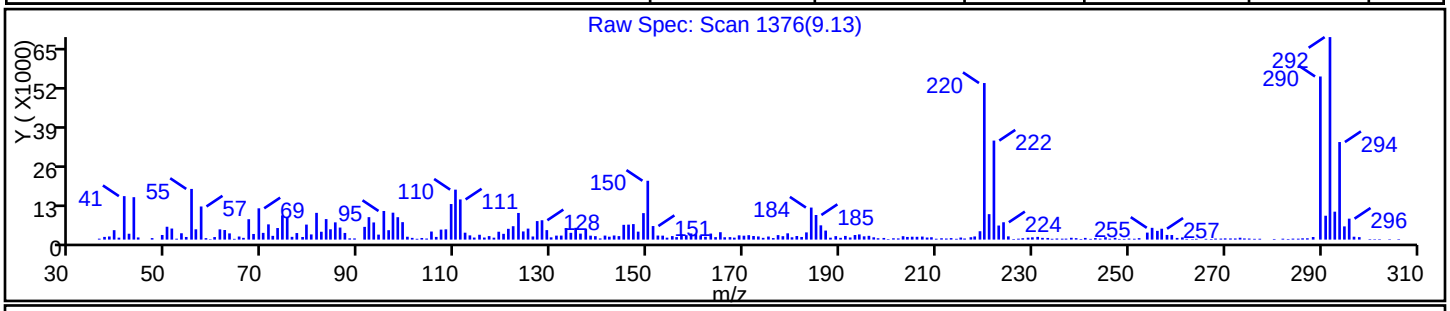
Operator ID: BNA 12 ALS Bottle#: 25 Worklist Smp#: 25

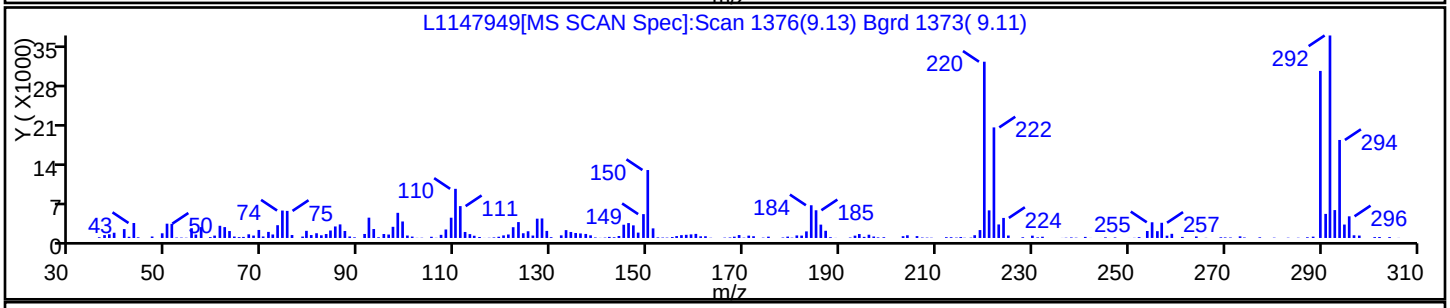
Injection Vol: 1.0 ul Dil. Factor: 1.0000

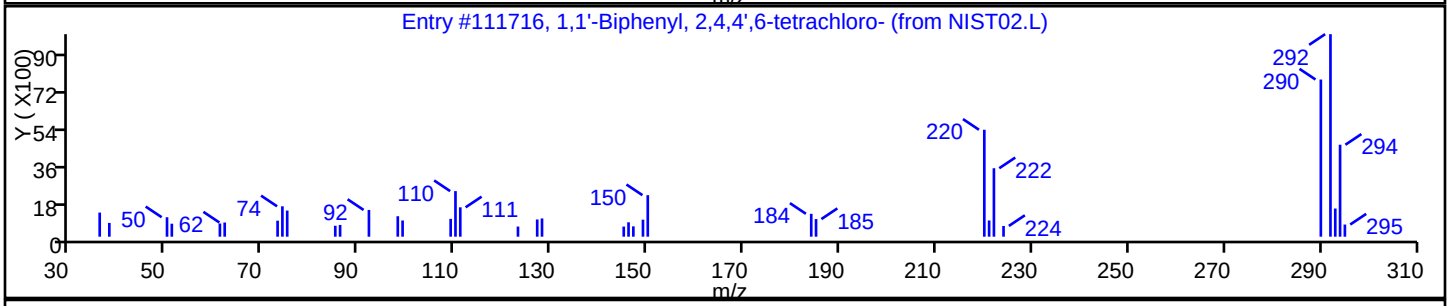
Method: 8270_12R Limit Group: SV 8270 ICAL

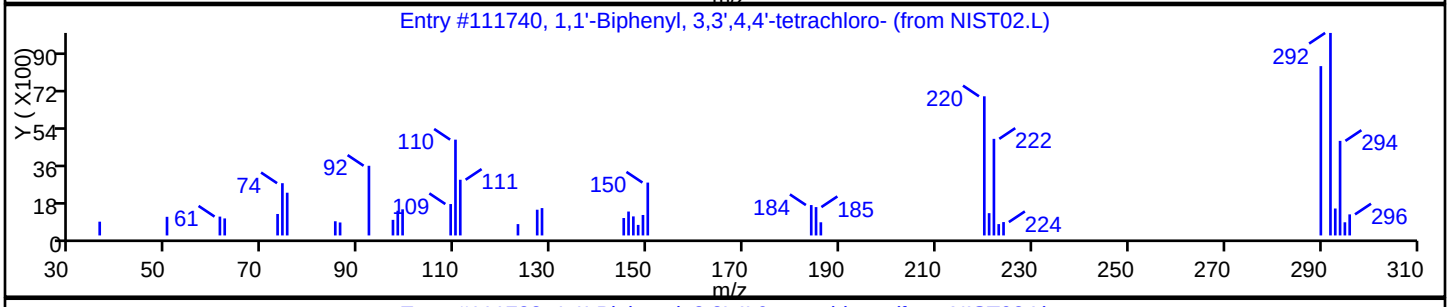
Column: Detector MS SCAN

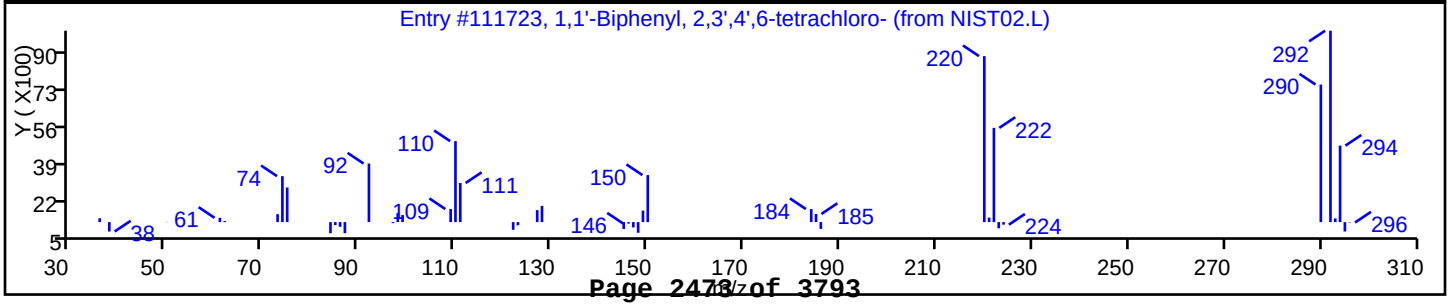
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4,4',6-tetrachloro-	32598-12-2	NIST02.L	111716	C12H6Cl4	290	99
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111740	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',4',6-tetrachloro-	41464-46-4	NIST02.L	111723	C12H6Cl4	290	98











Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

Injection Date: 14-Mar-2014 11:58:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-31-C Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

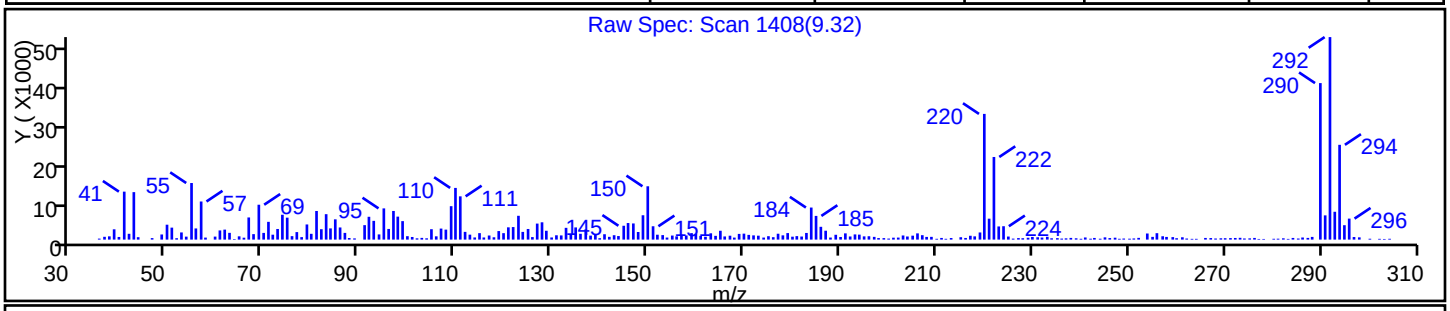
Operator ID: BNA 12 ALS Bottle#: 25 Worklist Smp#: 25

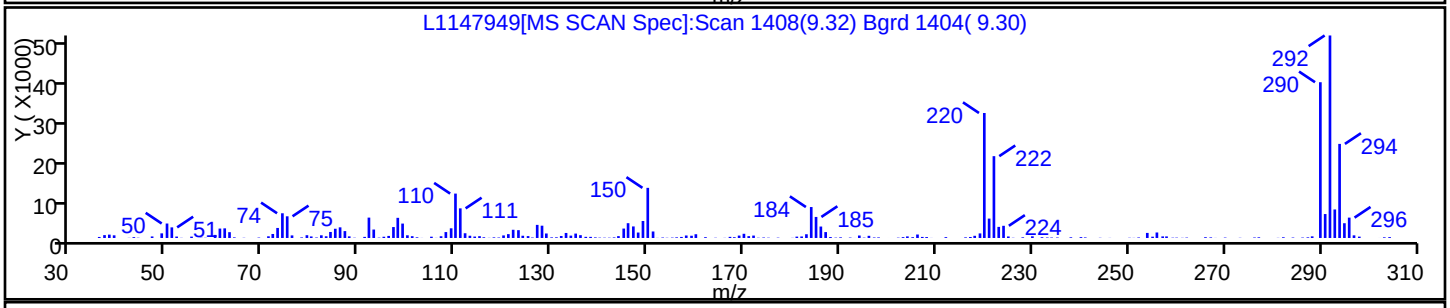
Injection Vol: 1.0 ul Dil. Factor: 1.0000

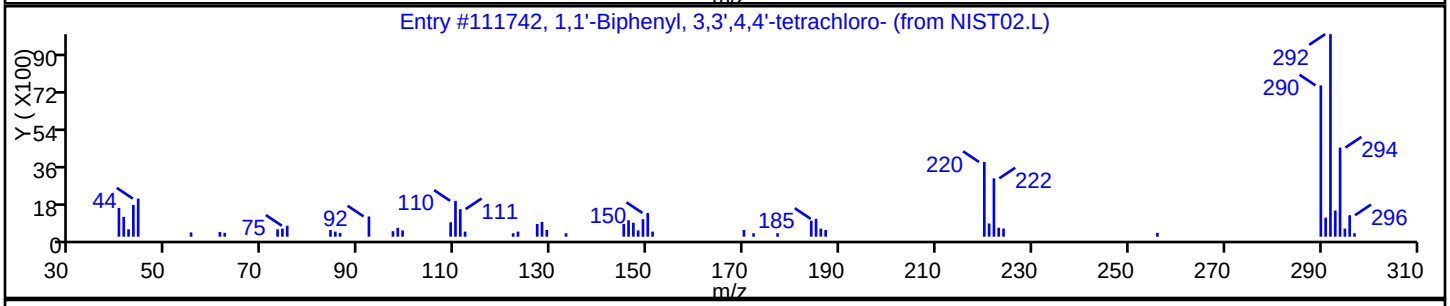
Method: 8270_12R Limit Group: SV 8270 ICAL

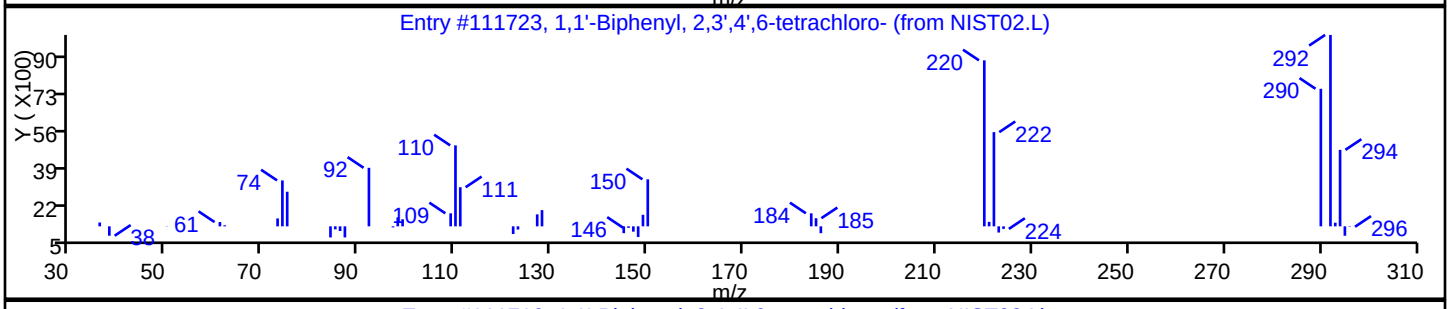
Column: Detector MS SCAN

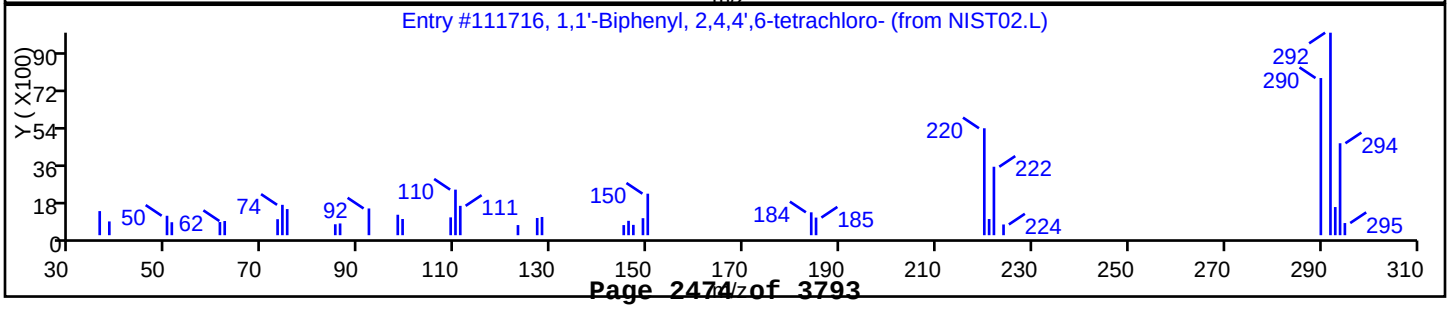
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',4',6-tetrachloro-	41464-46-4	NIST02.L	111723	C12H6Cl4	290	98
1,1'-Biphenyl, 2,4,4',6-tetrachloro-	32598-12-2	NIST02.L	111716	C12H6Cl4	290	98











Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

Injection Date: 14-Mar-2014 11:58:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-31-C Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

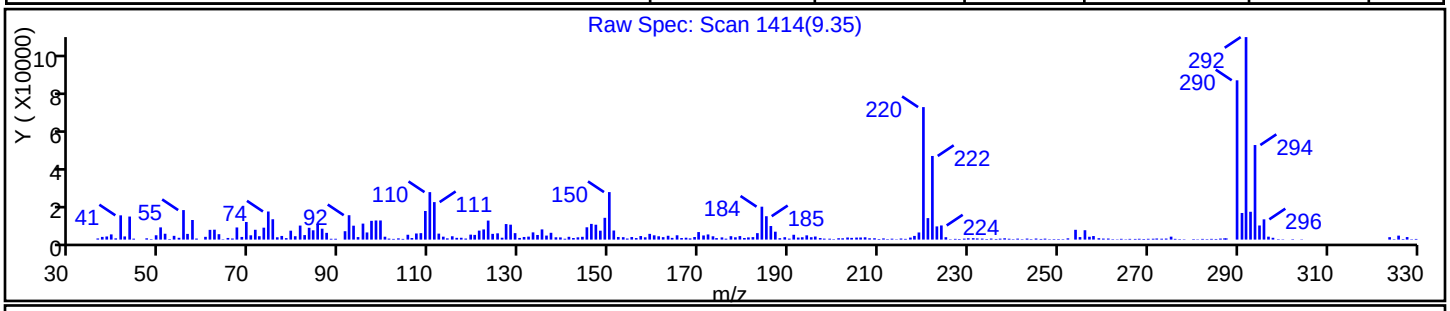
Operator ID: BNA 12 ALS Bottle#: 25 Worklist Smp#: 25

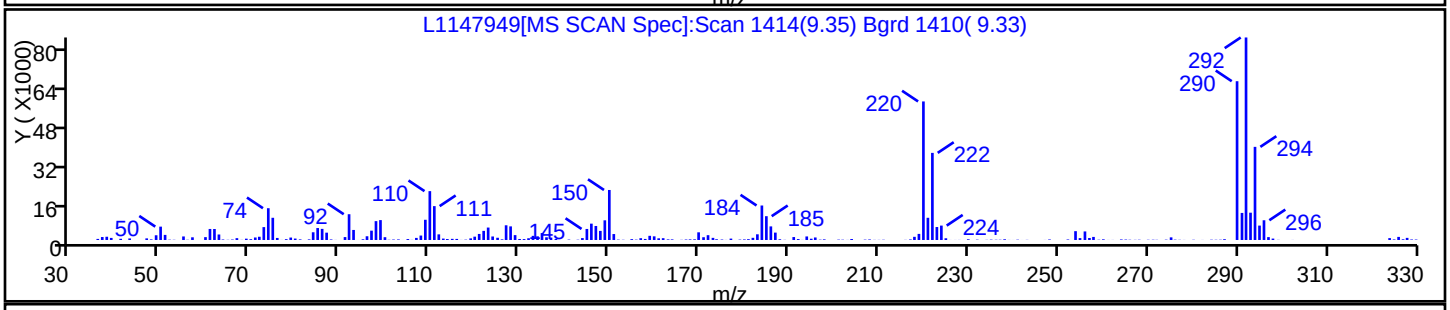
Injection Vol: 1.0 ul Dil. Factor: 1.0000

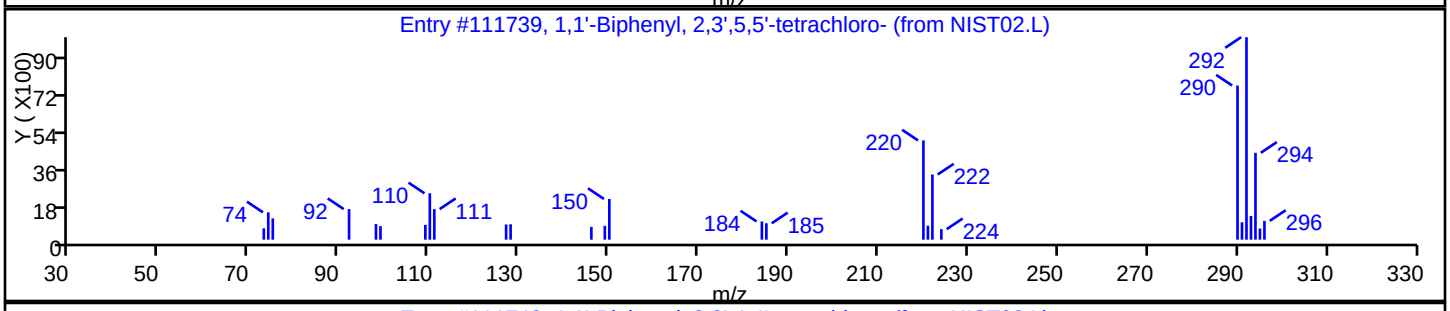
Method: 8270_12R Limit Group: SV 8270 ICAL

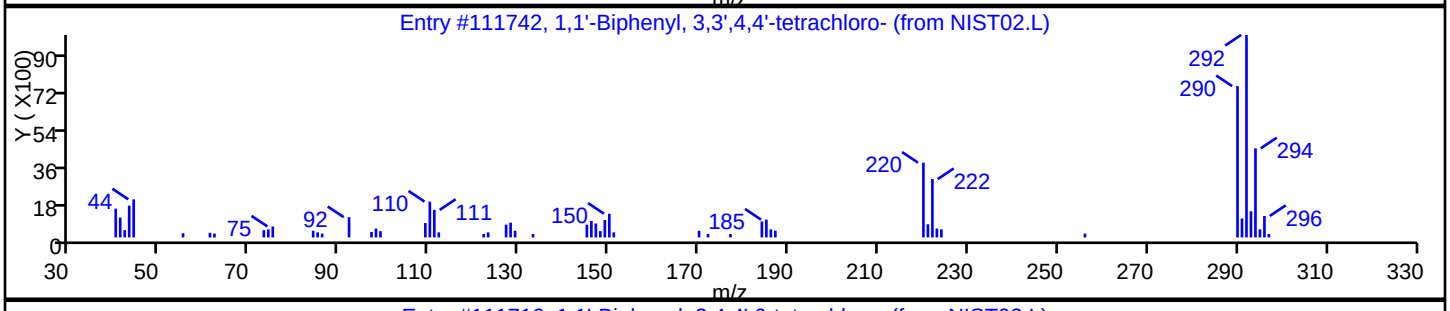
Column: Detector MS SCAN

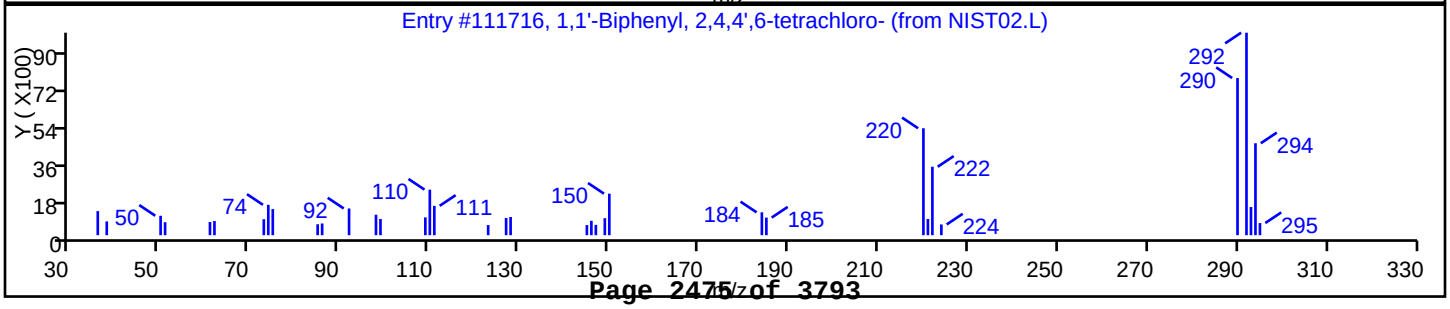
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.L	111739	C12H6Cl4	290	99
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	C12H6Cl4	290	99
1,1'-Biphenyl, 2,4,4',6-tetrachloro-	32598-12-2	NIST02.L	111716	C12H6Cl4	290	99











Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

Injection Date: 14-Mar-2014 11:58:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-31-C Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

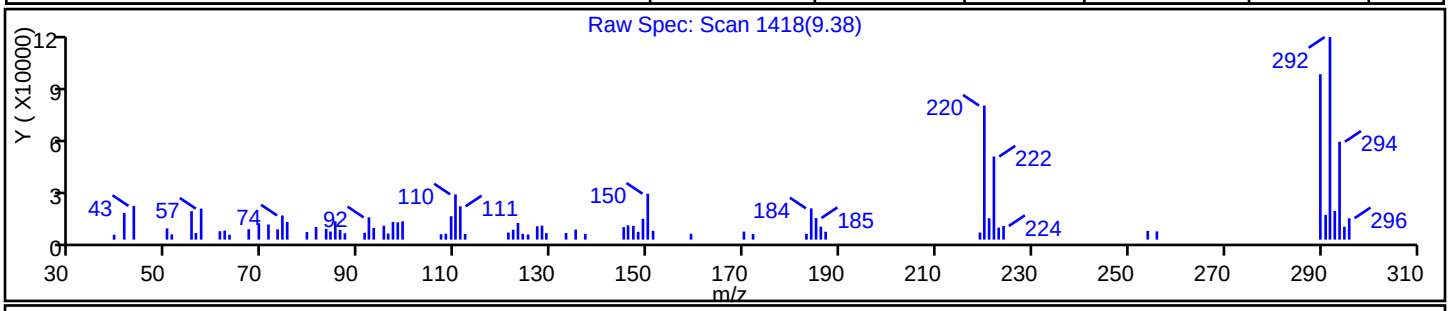
Operator ID: BNA 12 ALS Bottle#: 25 Worklist Smp#: 25

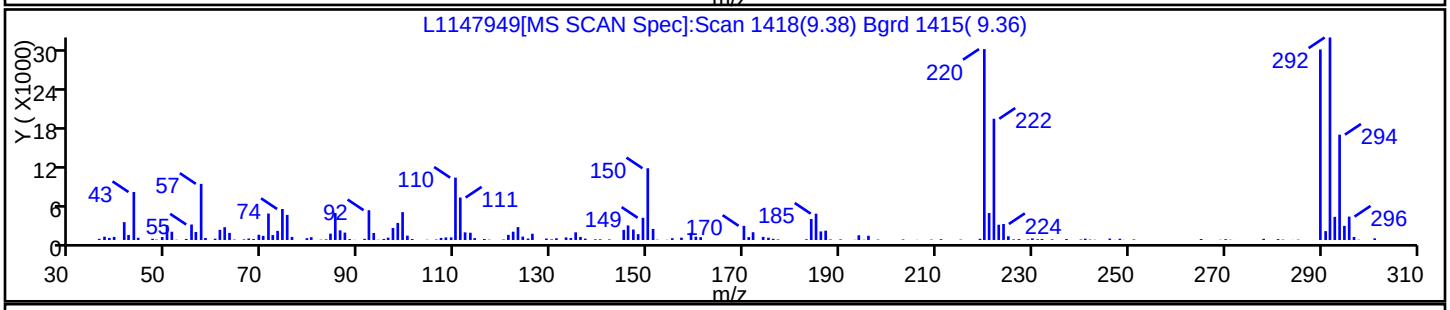
Injection Vol: 1.0 ul Dil. Factor: 1.0000

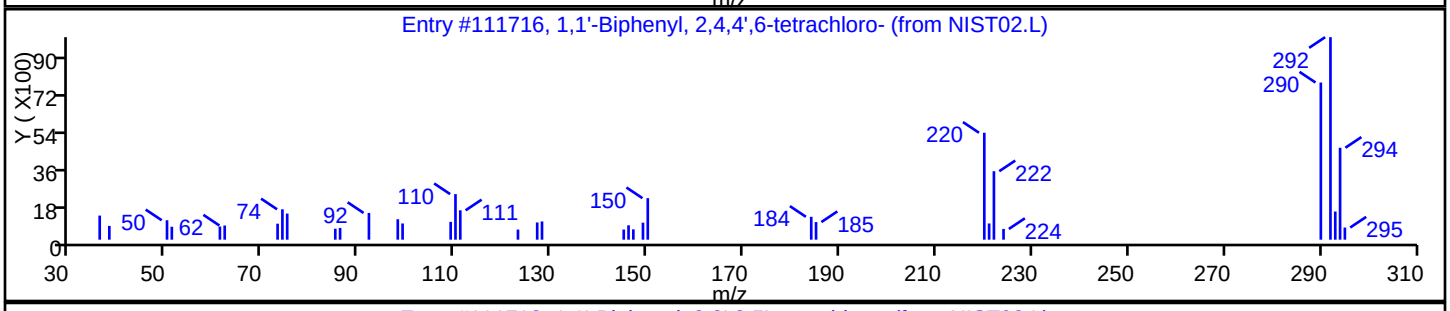
Method: 8270_12R Limit Group: SV 8270 ICAL

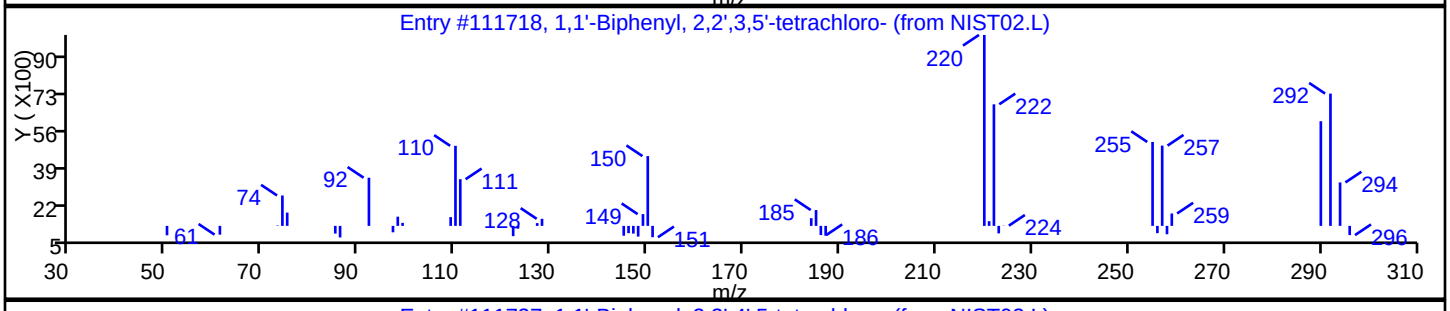
Column: Detector MS SCAN

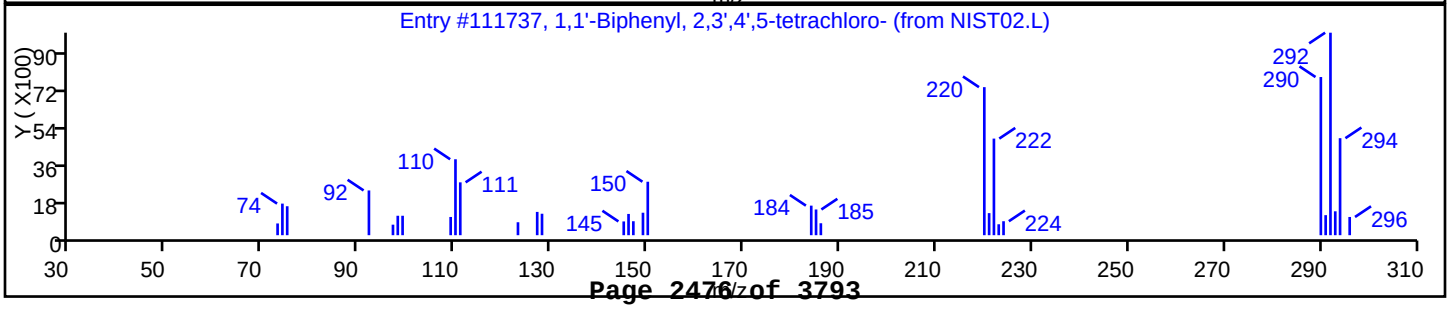
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4,4',6-tetrachloro-	32598-12-2	NIST02.L	111716	C12H6Cl4	290	98
1,1'-Biphenyl, 2,2',3,5'-tetrachloro-	41464-39-5	NIST02.L	111718	C12H6Cl4	290	95
1,1'-Biphenyl, 2,3',4',5-tetrachloro-	32598-11-1	NIST02.L	111737	C12H6Cl4	290	95











Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

Injection Date: 14-Mar-2014 11:58:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-31-C Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

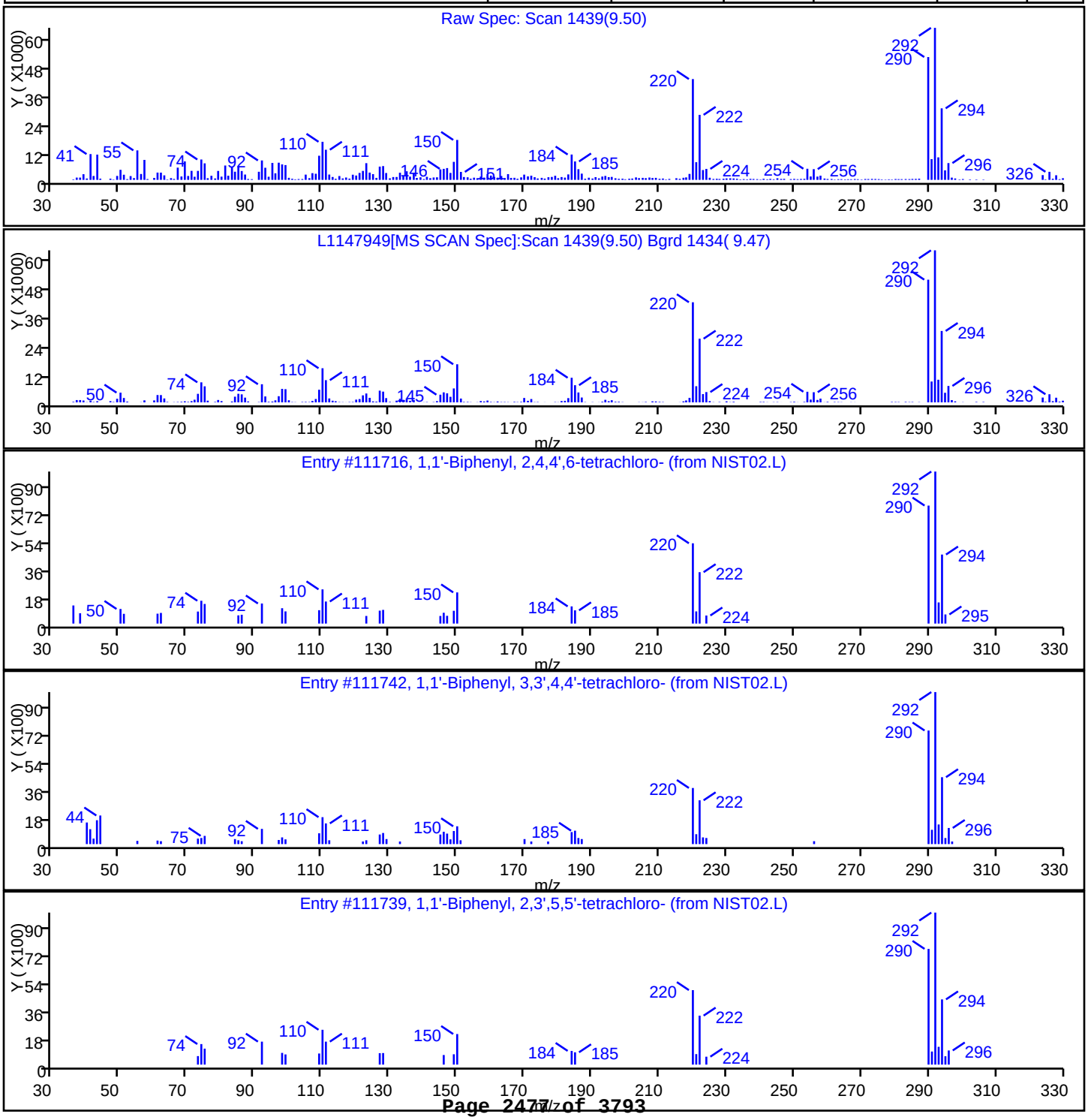
Operator ID: BNA 12 ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4,4',6-tetrachloro-	32598-12-2	NIST02.L	111716	C12H6Cl4	290	99
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.L	111739	C12H6Cl4	290	99



Report Date: 14-Mar-2014 15:39:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147949.D

Injection Date: 14-Mar-2014 11:58:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-31-C Lab Sample ID: 460-72174-31

Client ID: PMP-7SW-VD

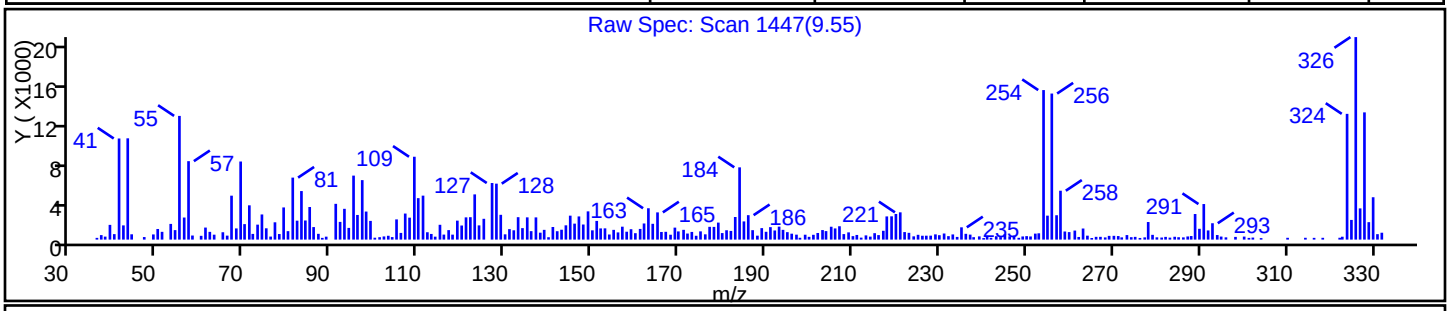
Operator ID: BNA 12 ALS Bottle#: 25 Worklist Smp#: 25

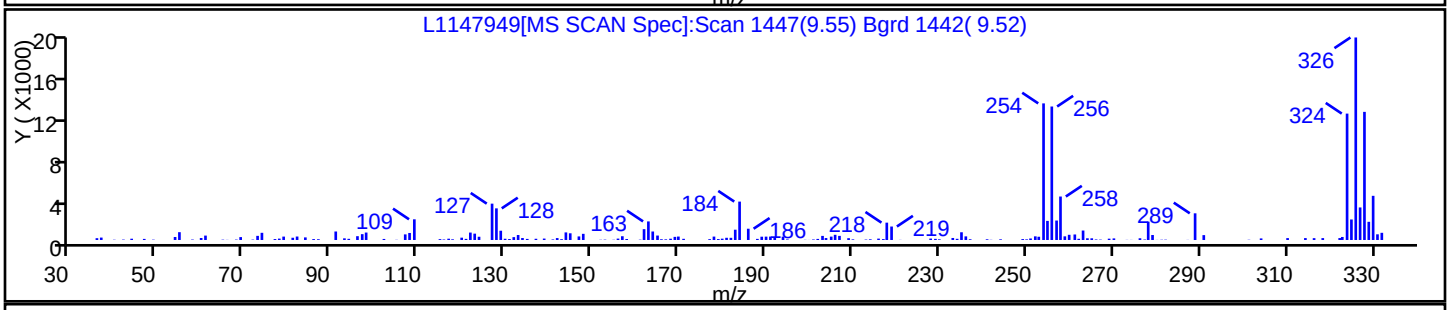
Injection Vol: 1.0 ul Dil. Factor: 1.0000

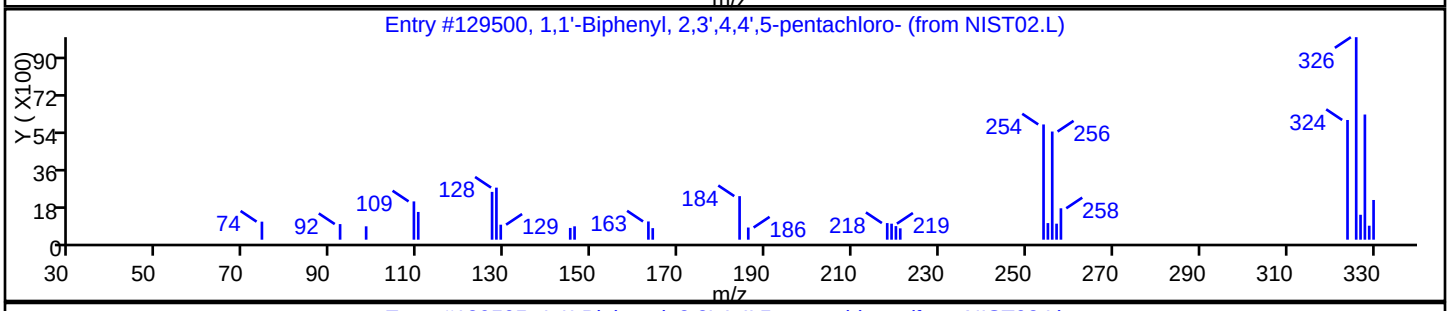
Method: 8270_12R Limit Group: SV 8270 ICAL

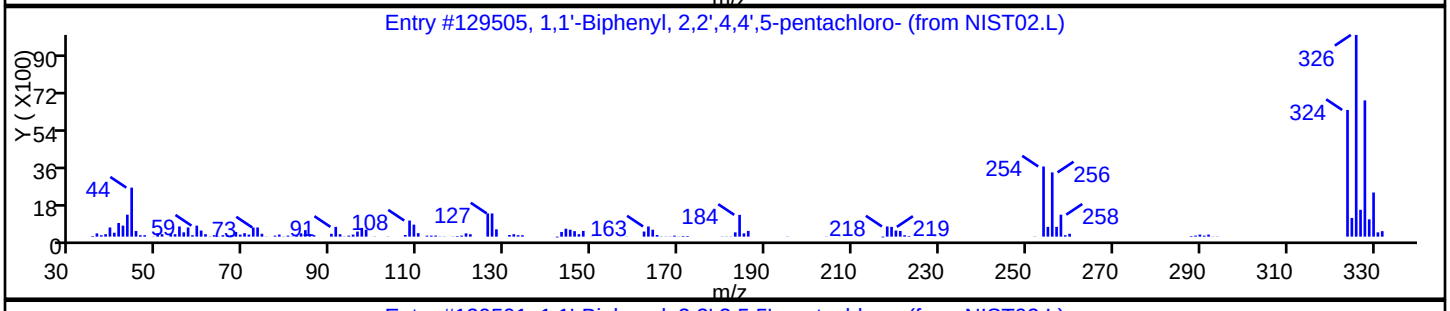
Column: Detector MS SCAN

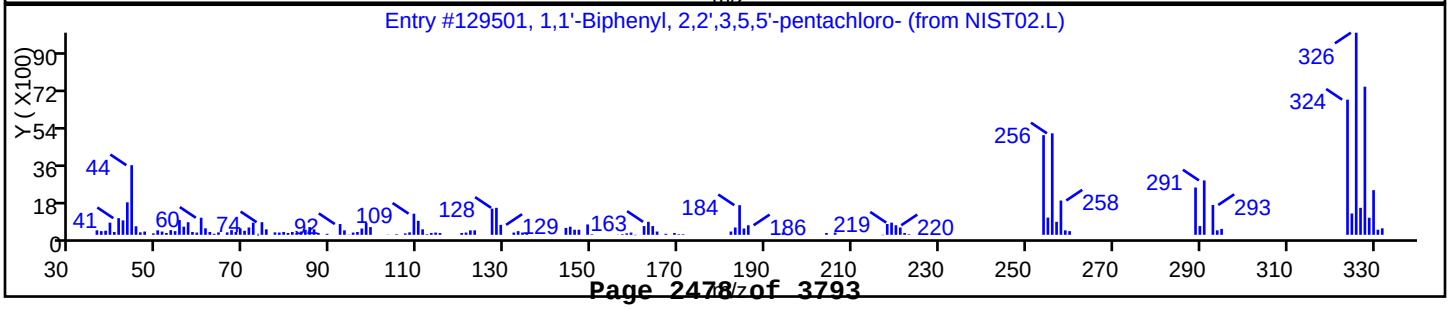
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3',4,4',5-pentachloro-	31508-00-6	NIST02.L	129500	C12H5Cl5	324	98
1,1'-Biphenyl, 2,2',4,4',5-pentachloro-	38380-01-7	NIST02.L	129505	C12H5Cl5	324	98
1,1'-Biphenyl, 2,2',3,5,5'-pentachloro-	52663-61-3	NIST02.L	129501	C12H5Cl5	324	95











FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-WI | Lab Sample ID: 460-72174-32

Matrix: Solid | Lab File ID: x9426.D

Analysis Method: 8270C | Date Collected: 03/06/2014 13:55

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/14/2014 12:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212566 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	240	U	1800	240
95-57-8	2-Chlorophenol	240	U	1800	240
95-48-7	2-Methylphenol	310	U	1800	310
106-44-5	4-Methylphenol	360	U	1800	360
100-52-7	Benzaldehyde	210	U	1800	210
98-86-2	Acetophenone	280	U	1800	280
111-44-4	Bis(2-chloroethyl)ether	25	U	180	25
108-60-1	2,2'-oxybis[1-chloropropane]	200	U	1800	200
621-64-7	N-Nitrosodi-n-propylamine	30	U	180	30
98-95-3	Nitrobenzene	26	U *	180	26
67-72-1	Hexachloroethane	20	U	180	20
78-59-1	Isophorone	220	U	1800	220
88-75-5	2-Nitrophenol	200	U	1800	200
105-67-9	2,4-Dimethylphenol	450	U	1800	450
120-83-2	2,4-Dichlorophenol	270	U	1800	270
111-91-1	Bis(2-chloroethoxy)methane	230	U	1800	230
91-20-3	Naphthalene	210	U	1800	210
106-47-8	4-Chloroaniline	480	U	1800	480
87-68-3	Hexachlorobutadiene	44	U	370	44
105-60-2	Caprolactam	420	U	1800	420
59-50-7	4-Chloro-3-methylphenol	270	U	1800	270
91-57-6	2-Methylnaphthalene	230	U	1800	230
118-74-1	Hexachlorobenzene	25	U	180	25
77-47-4	Hexachlorocyclopentadiene	210	U	1800	210
88-06-2	2,4,6-Trichlorophenol	210	U	1800	210
95-95-4	2,4,5-Trichlorophenol	230	U	1800	230
92-52-4	Diphenyl	240	U	1800	240
91-58-7	2-Chloronaphthalene	200	U	1800	200
88-74-4	2-Nitroaniline	760	U	1800	760
606-20-2	2,6-Dinitrotoluene	55	U	370	55
131-11-3	Dimethyl phthalate	210	U	1800	210
208-96-8	Acenaphthylene	210	U	1800	210
99-09-2	3-Nitroaniline	640	U	1800	640
83-32-9	Acenaphthene	260	U	1800	260

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-WI | Lab Sample ID: 460-72174-32

Matrix: Solid | Lab File ID: x9426.D

Analysis Method: 8270C | Date Collected: 03/06/2014 13:55

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/14/2014 12:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212566 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1800	1200
51-28-5	2,4-Dinitrophenol	1000	U	3700	1000
132-64-9	Dibenzofuran	210	U	1800	210
84-66-2	Diethyl phthalate	220	U	1800	220
86-73-7	Fluorene	800	J	1800	230
206-44-0	Fluoranthene	240	U	1800	240
84-74-2	Di-n-butyl phthalate	220	U	1800	220
121-14-2	2,4-Dinitrotoluene	60	U	370	60
7005-72-3	4-Chlorophenyl phenyl ether	210	U	1800	210
100-01-6	4-Nitroaniline	560	U	3700	560
534-52-1	4,6-Dinitro-2-methylphenol	490	U	3700	490
101-55-3	4-Bromophenyl phenyl ether	180	U	1800	180
1912-24-9	Atrazine	280	U	1800	280
120-12-7	Anthracene	220	U	1800	220
86-74-8	Carbazole	210	U	1800	210
85-01-8	Phenanthrene	1600	J	1800	230
87-86-5	Pentachlorophenol	540	U	3700	540
129-00-0	Pyrene	550	J	1800	150
218-01-9	Chrysene	210	U	1800	210
207-08-9	Benzo[k]fluoranthene	14	U	180	14
191-24-2	Benzo[g,h,i]perylene	130	U	1800	130
205-99-2	Benzo[b]fluoranthene	11	U	180	11
50-32-8	Benzo[a]pyrene	13	U	180	13
56-55-3	Benzo[a]anthracene	13	U	180	13
86-30-6	N-Nitrosodiphenylamine	180	U	1800	180
85-68-7	Butyl benzyl phthalate	170	U	1800	170
117-81-7	Bis(2-ethylhexyl) phthalate	600	U	1800	600
117-84-0	Di-n-octyl phthalate	120	U	1800	120
193-39-5	Indeno[1,2,3-cd]pyrene	34	U	180	34
53-70-3	Dibenz(a,h)anthracene	23	U	180	23
91-94-1	3,3'-Dichlorobenzidine	640	U	1800	640
95-94-3	1,2,4,5-Tetrachlorobenzene	240	U	1800	240
58-90-2	2,3,4,6-Tetrachlorophenol	240	U	1800	240

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-WI Lab Sample ID: 460-72174-32

Matrix: Solid Lab File ID: x9426.D

Analysis Method: 8270C Date Collected: 03/06/2014 13:55

Extract. Method: 3541 Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) Date Analyzed: 03/14/2014 12:31

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 9.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212566 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	85		40-106
4165-62-2	Phenol-d5	73		44-104
1718-51-0	Terphenyl-d14	80		41-145
118-79-6	2,4,6-Tribromophenol	52		19-114
367-12-4	2-Fluorophenol	58		39-103
321-60-8	2-Fluorobiphenyl	104		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-WI | Lab Sample ID: 460-72174-32

Matrix: Solid | Lab File ID: x9426.D

Analysis Method: 8270C | Date Collected: 03/06/2014 13:55

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/14/2014 12:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212566 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 359000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown alkane	6.84	14000	J
	Unknown alkane	7.05	15000	J
829-26-5	Naphthalene, 2,3,6-trimethyl-	7.28	16000	J N
2245-38-7	Naphthalene, 1,6,7-trimethyl-	7.48	17000	J N
	Unknown alkane	7.54	19000	J
	Unknown alkane	7.76	34000	J
	Unknown	7.95	18000	J
	Unknown alkane	8.02	30000	J
	Unknown	8.05	16000	J
2050-67-1	1,1'-Biphenyl, 3,3'-dichloro-	8.12	14000	J N
	Unknown	8.19	20000	J
	Unknown	8.28	15000	J
	Unknown alkane	8.45	12000	J
	Unknown	8.48	23000	J
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	8.64	21000	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.88	22000	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.95	15000	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	9.02	13000	J N
	Unknown	9.86	12000	J
	Unknown	10.00	13000	J

Report Date: 14-Mar-2014 15:44:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D
Lims ID: 460-72174-F-32-C Lab Sample ID: 460-72174-32
Client ID: PMP-7SW-WI
Sample Type: Client
Inject. Date: 14-Mar-2014 12:31:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0010857-017
Operator ID: Instrument ID: CBNAMS5

Method: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\8270_5R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 15:43:57 Calib Date: 11-Mar-2014 10:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS5\20140311-10688.b\x9292.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: ranav Date: 14-Mar-2014 13:33:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.811	2.811	0.0	91	56459	5.75	
$ 6 Phenol-d5	99	3.735	3.752	-0.017	69	86689	7.31	
* 13 1,4-Dichlorobenzene-d4	152	4.035	4.035	0.0	98	256856	40.0	
$ 25 Nitrobenzene-d5	82	4.594	4.605	-0.011	91	84745	8.48	
* 35 Naphthalene-d8	136	5.317	5.317	0.0	100	920244	40.0	
41 2-Methylnaphthalene	142	6.035	6.035	0.0	73	7025	0.4726	
$ 48 2-Fluorobiphenyl	172	6.405	6.411	-0.006	91	130236	10.4	
* 61 Acenaphthene-d10	164	7.064	7.064	0.0	92	364009	40.0	
70 Fluorene	166	7.605	7.605	0.0	12	22859	2.19	
$ 76 2,4,6-Tribromophenol	330	7.852	7.846	0.006	32	7913	5.16	
* 83 Phenanthrene-d10	188	8.523	8.517	0.006	88	472863	40.0	
84 Phenanthrene	178	8.546	8.540	0.006	27	54722	4.34	
88 Fluoranthene	202	9.705	9.699	0.006	75	3427	0.3126	
90 Pyrene	202	9.923	9.923	0.001	93	21781	1.51	
$ 91 Terphenyl-d14	244	10.081	10.081	0.0	94	86093	8.00	
* 96 Chrysene-d12	240	11.205	11.205	0.0	99	350144	40.0	
98 Bis(2-ethylhexyl) phthalate	149	11.258	11.258	0.0	13	2682	0.3891	
* 103 Perylene-d12	264	13.040	13.046	-0.006	99	251289	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D
Lims ID: 460-72174-F-32-C Lab Sample ID: 460-72174-32
Client ID: PMP-7SW-WI
Sample Type: Client
Inject. Date: 14-Mar-2014 12:31:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0010857-017
Operator ID: Instrument ID: CBNAMS5

Method: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\8270_5R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 15:43:57 Calib Date: 11-Mar-2014 10:31:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: ranav Date: 14-Mar-2014 13:33:36

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown alkane						
6.841	5835457	39.6	61	0	0		0	
		Unknown alkane						
7.046	5957991	40.4	61	0	0		0	
829-26-5		Naphthalene, 2,3,6-trimethyl-						
7.276	6279888	42.6	61	96	36218	C13H14	170	
2245-38-7		Naphthalene, 1,6,7-trimethyl-						
7.476	6955549	47.2	61	93	36213	C13H14	170	
		Unknown alkane						
7.540	7819719	53.1	61	0	0		0	
		Unknown alkane						
7.758	13545560	91.9	61	0	0		0	
		Unknown						
7.952	7154770	48.3	83					
		Unknown alkane						
8.023	12313957	83.1	83	0	0		0	
		Unknown						
8.052	6362385	43.0	83					
2050-67-1		1,1'-Biphenyl, 3,3'-dichloro-						
8.117	5833545	39.4	83	98	70599	C12H8Cl2	222	
		Unknown						
8.193	8158021	55.1	83					
		Unknown						
8.282	5962958	40.3	83					

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	Unknown alkane							
8.446	4883071	33.0	83	0	0		0	
	Unknown							
8.476	9120524	61.6	83					
	38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-						
8.635	8481551	57.3	83	97	91793	C12H7Cl3	256	
	16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-						
8.876	8910653	60.2	83	98	91788	C12H7Cl3	256	
	16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-						
8.946	6230544	42.1	83	95	91788	C12H7Cl3	256	
	16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-						
9.017	5445382	36.8	83	90	91788	C12H7Cl3	256	
	Unknown							
9.864	1043055	33.4	96					
	Unknown							
9.999	1117020	35.7	96					

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.064	5895475	40.0
* 83 Phenanthrene-d10	8.523	5924523	40.0
* 96 Chrysene-d12	11.205	1250375	40.0

QC Flag Legend

Processing Flags

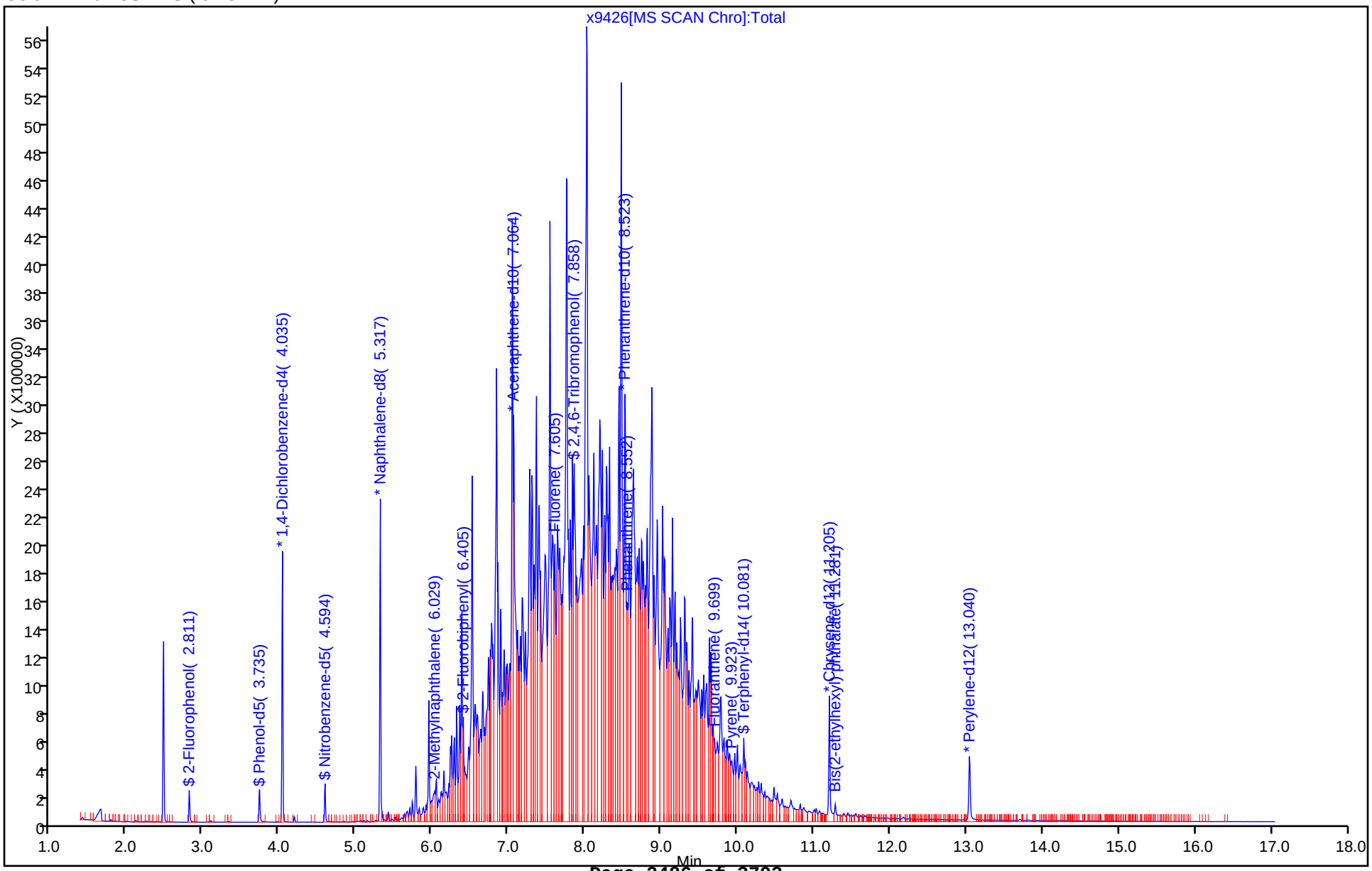
Report Date: 14-Mar-2014 15:44:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D

Injection Date:	14-Mar-2014 12:31:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-72174-F-32-C	Lab Sample ID:	460-72174-32	Worklist Smp#:	17
Client ID:	PMP-7SW-WI				
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	17
Method:	8270_5R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



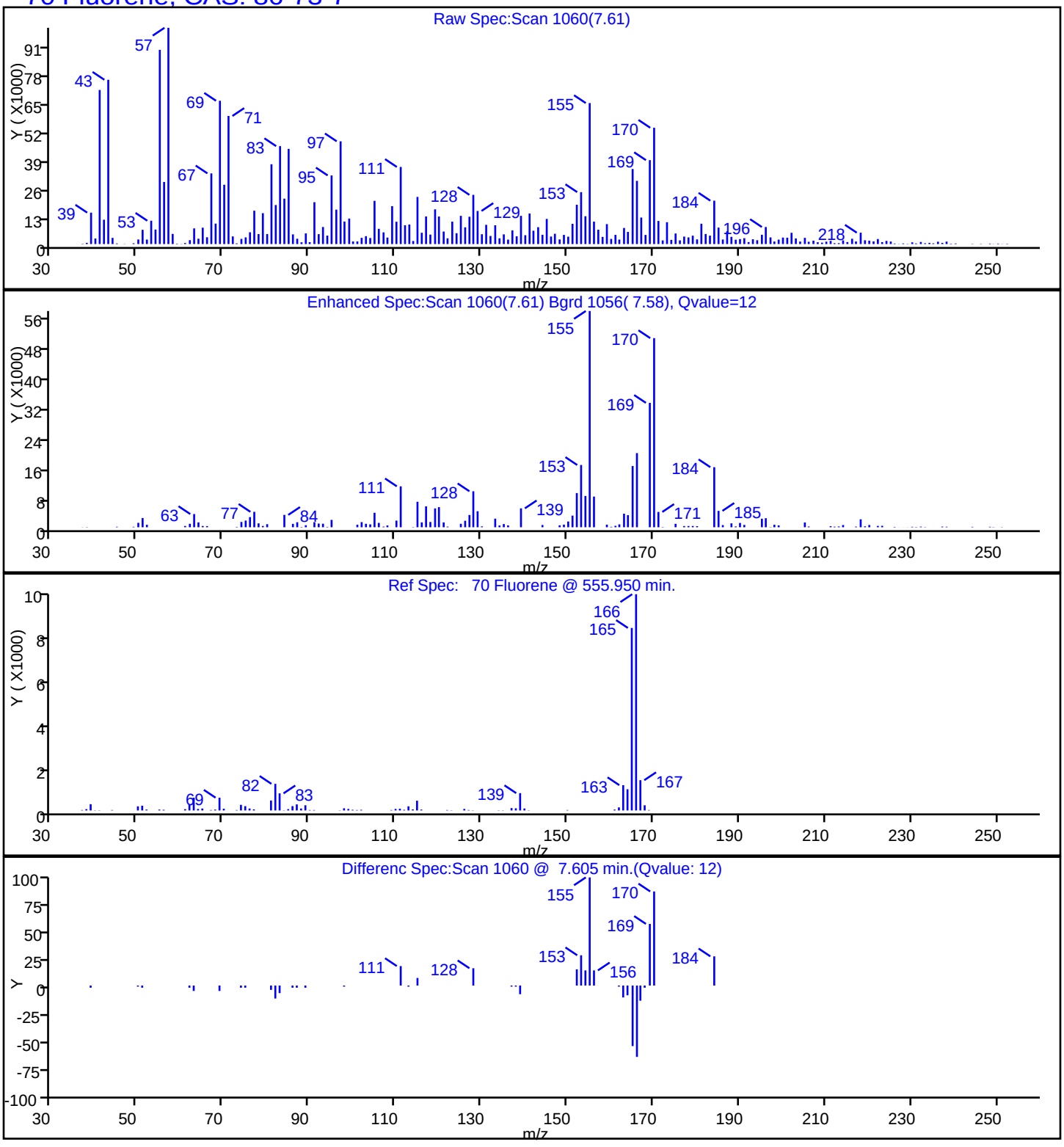
Report Date: 14-Mar-2014 15:44:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D

Injection Date:	14-Mar-2014 12:31:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-32-C	Lab Sample ID:	460-72174-32		
Client ID:	PMP-7SW-WI				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

70 Fluorene, CAS: 86-73-7



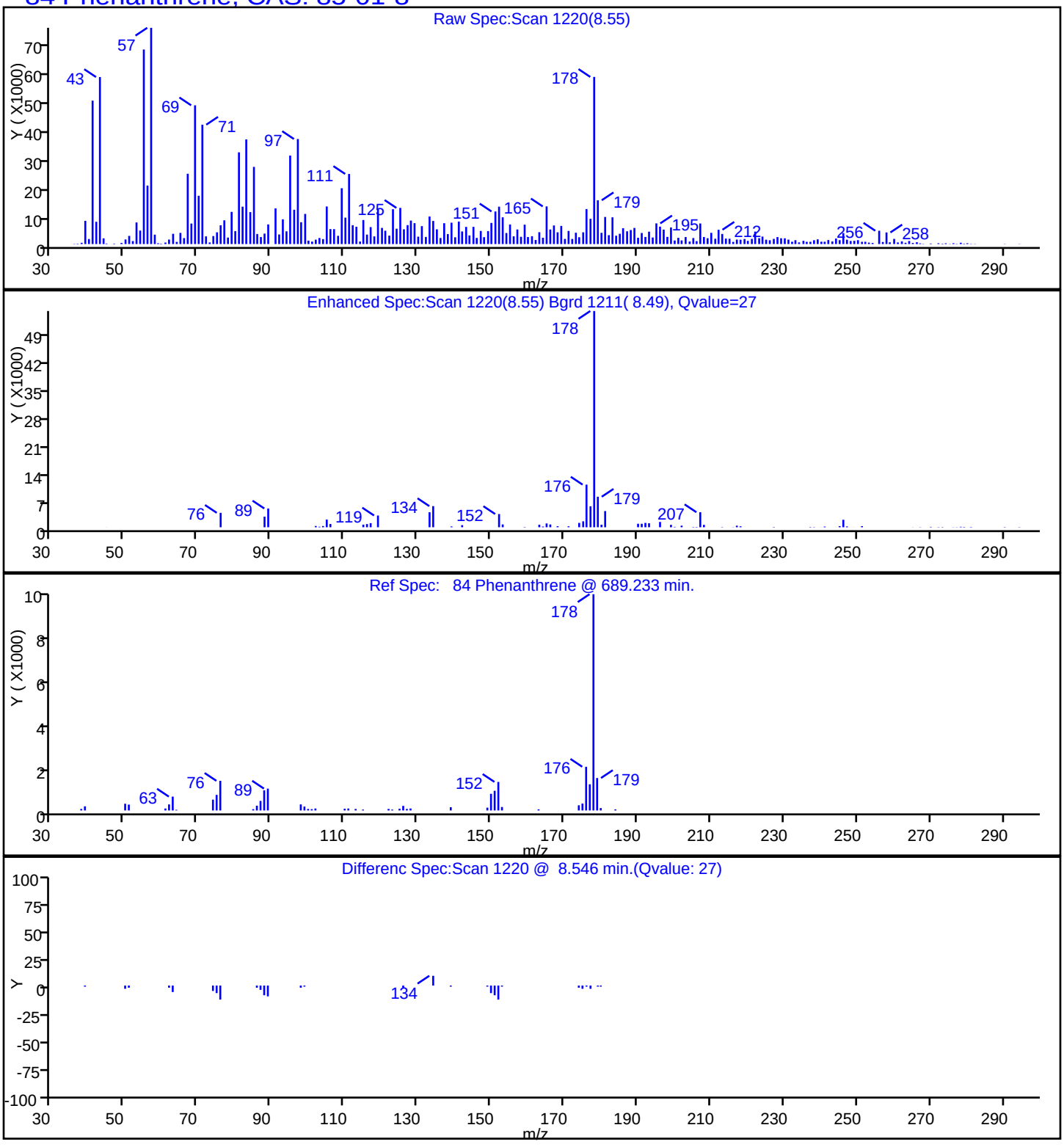
Report Date: 14-Mar-2014 15:44:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D

Injection Date:	14-Mar-2014 12:31:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-32-C	Lab Sample ID:	460-72174-32		
Client ID:	PMP-7SW-WI				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

84 Phenanthrene, CAS: 85-01-8

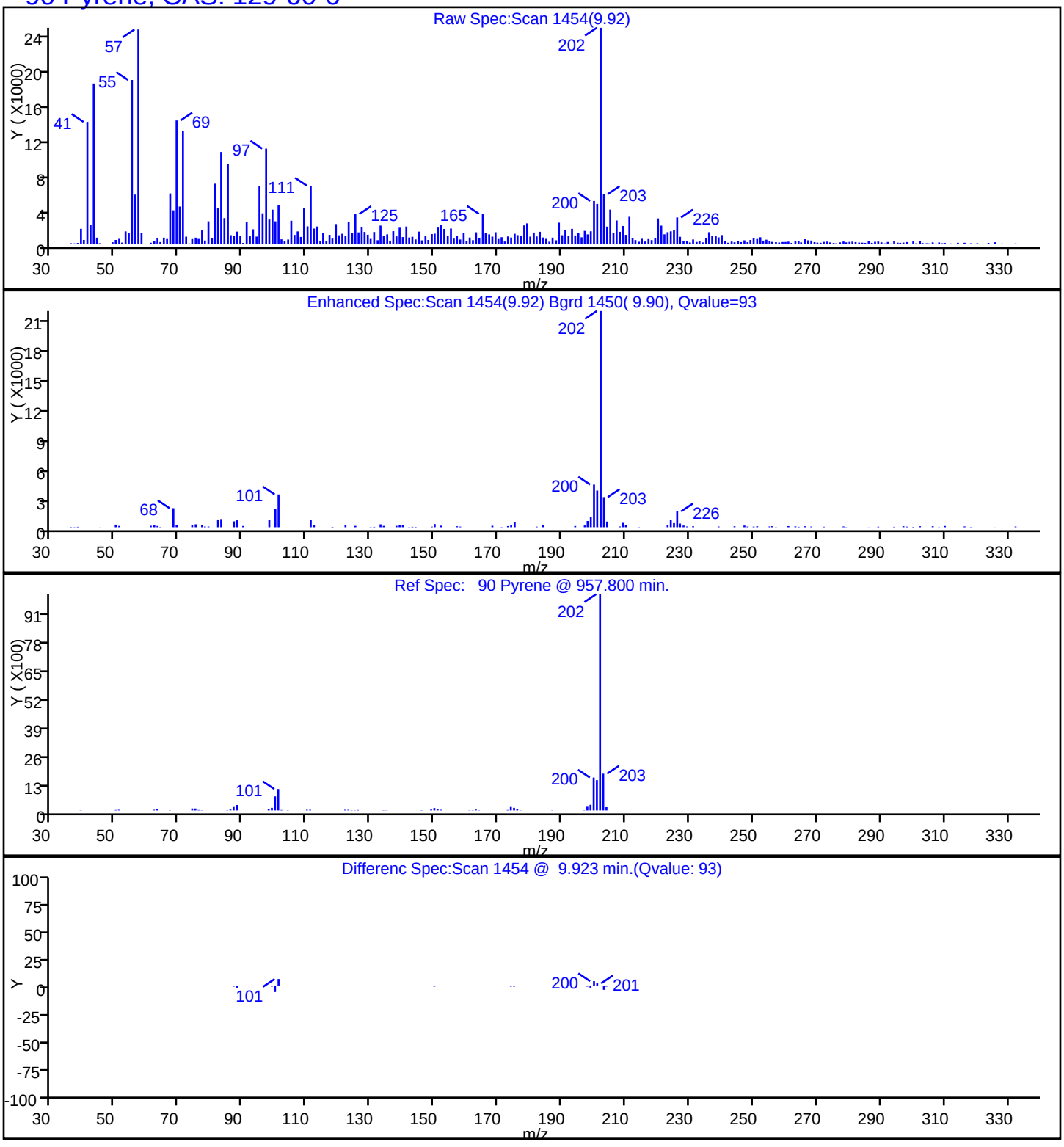


Report Date: 14-Mar-2014 15:44:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D				
Injection Date:	14-Mar-2014 12:31:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-32-C	Lab Sample ID:	460-72174-32		
Client ID:	PMP-7SW-WI				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Pyrene, CAS: 129-00-0



Report Date: 14-Mar-2014 15:44:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D

Injection Date: 14-Mar-2014 12:31:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-32-C Lab Sample ID: 460-72174-32

Client ID: PMP-7SW-WI

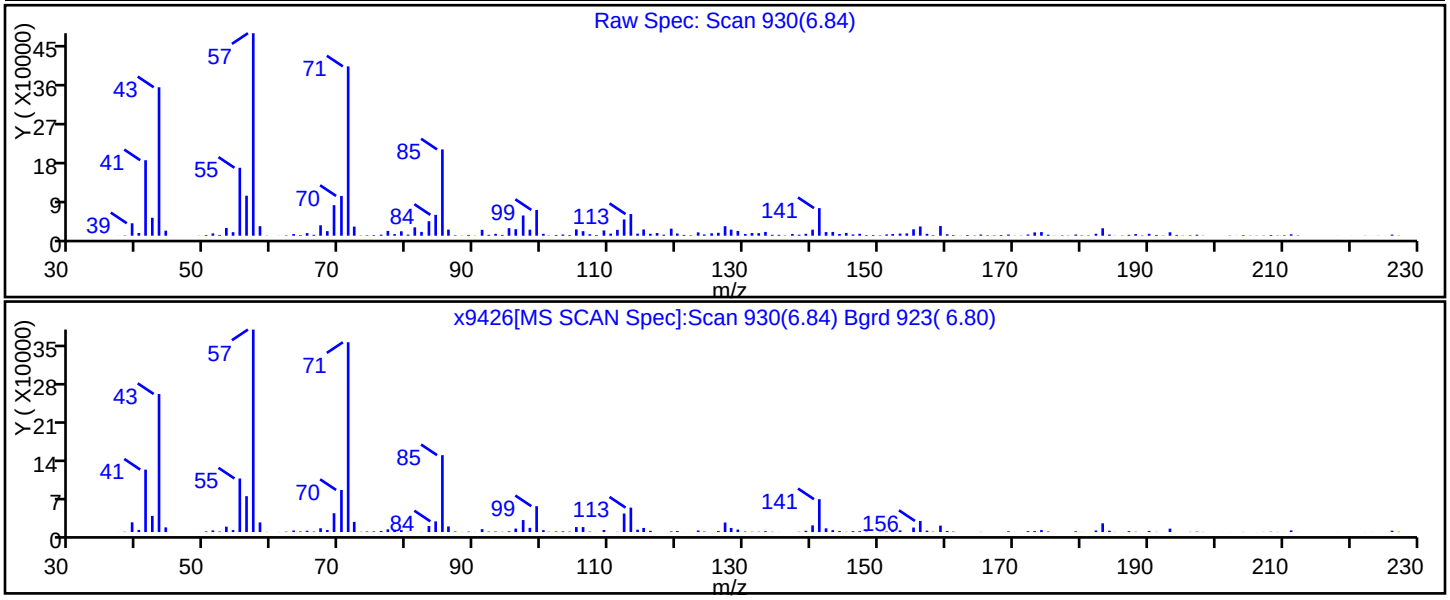
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

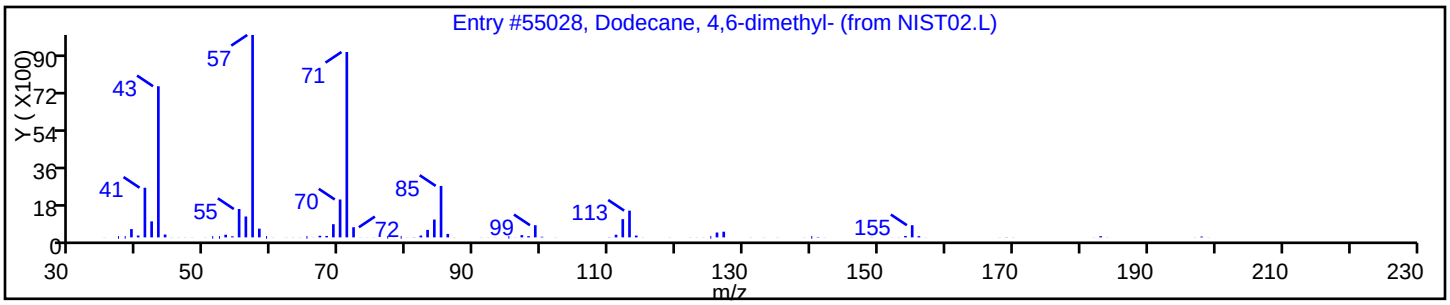
Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Dodecane, 4,6-dimethyl-	61141-72-8	NIST02.L	55028	C14H30	198	80





Report Date: 14-Mar-2014 15:44:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D

Injection Date: 14-Mar-2014 12:31:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-32-C Lab Sample ID: 460-72174-32

Client ID: PMP-7SW-WI

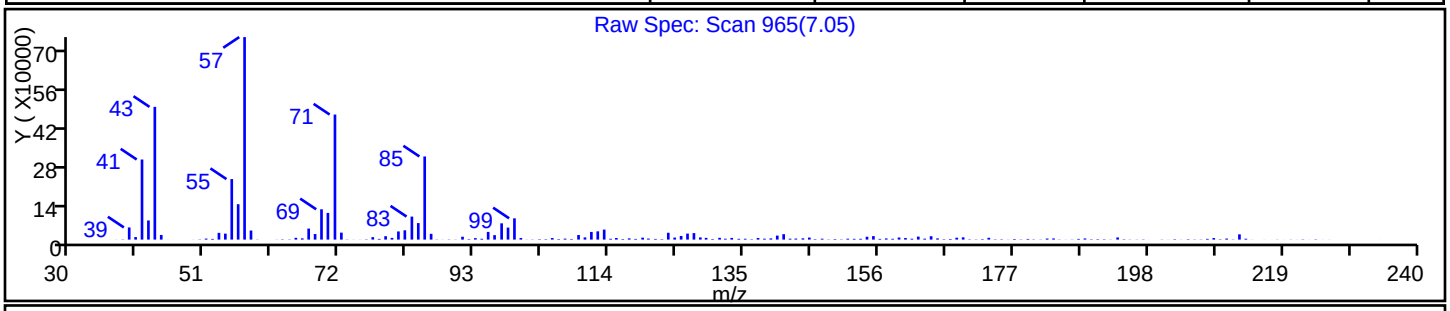
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

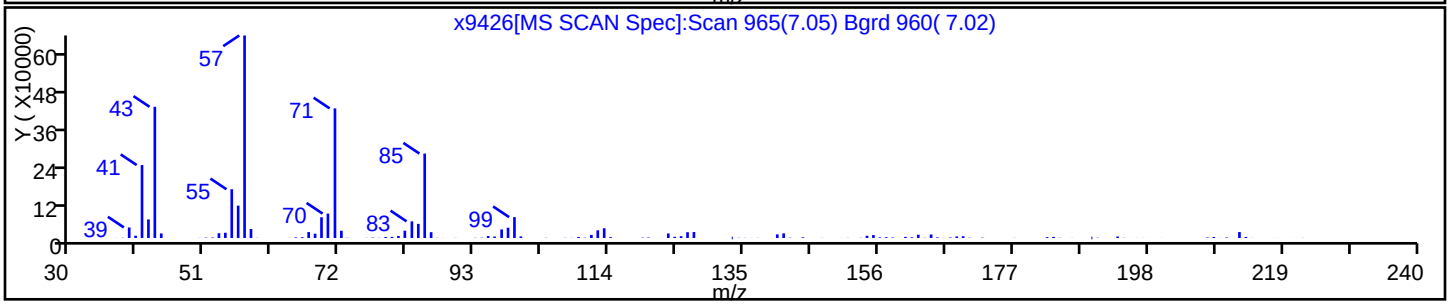
Injection Vol: 1.0 ul Dil. Factor: 5.0000

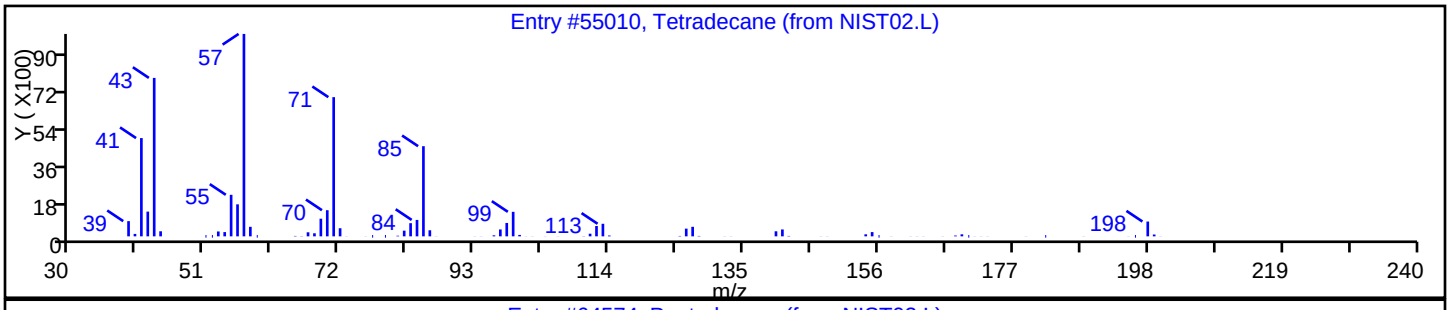
Method: 8270_5R Limit Group: SV 8270 ICAL

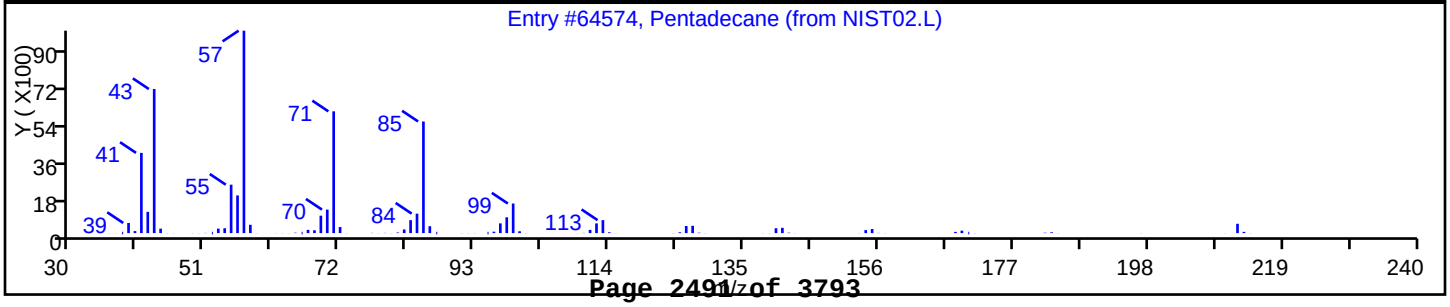
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Tetradecane	629-59-4	NIST02.L	55010	C14H30	198	97
Pentadecane	629-62-9	NIST02.L	64574	C15H32	212	96









Report Date: 14-Mar-2014 15:44:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D

Injection Date: 14-Mar-2014 12:31:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-32-C Lab Sample ID: 460-72174-32

Client ID: PMP-7SW-WI

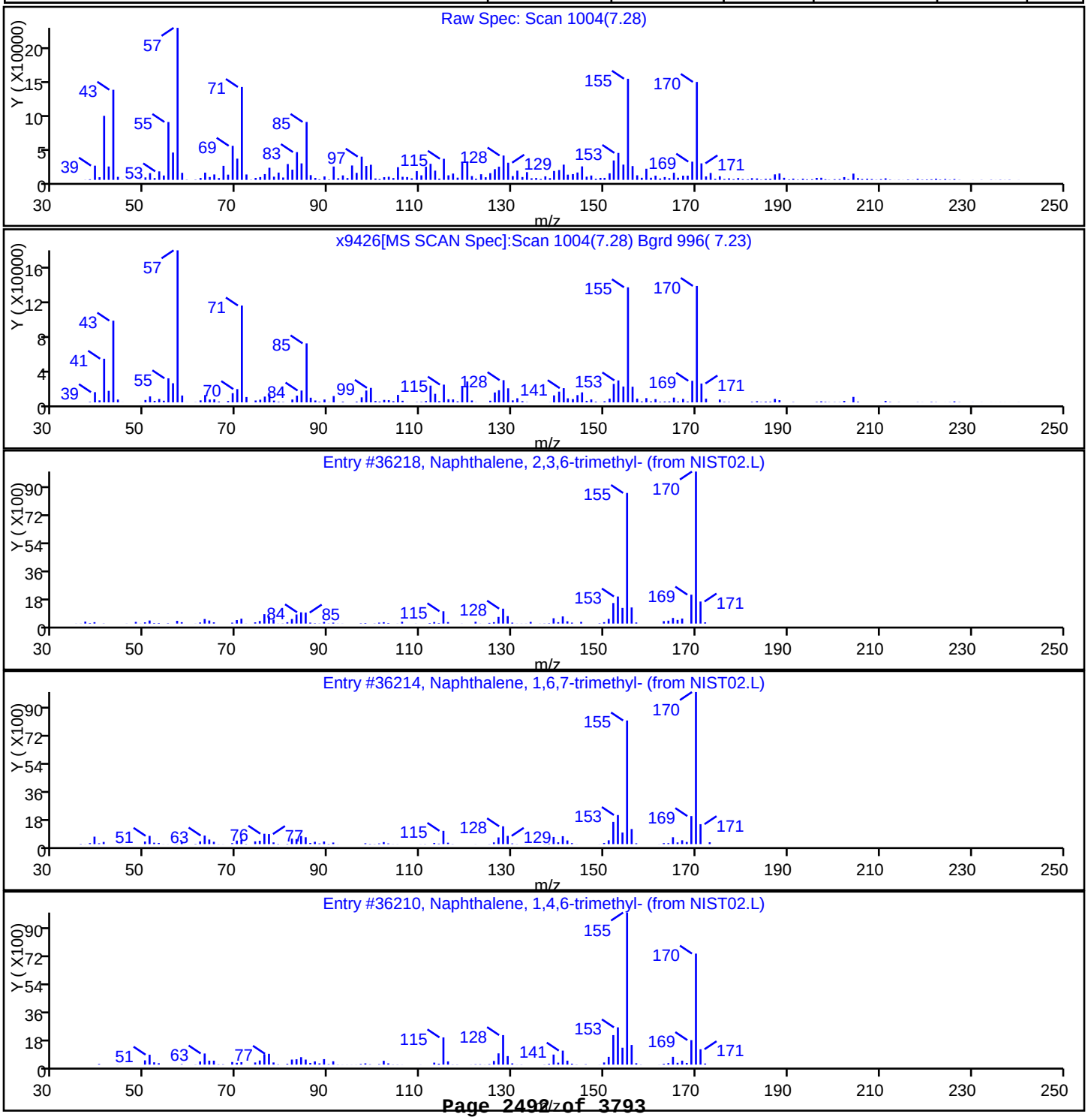
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36218	C13H14	170	96
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36214	C13H14	170	94
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.L	36210	C13H14	170	93



Report Date: 14-Mar-2014 15:44:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D

Injection Date: 14-Mar-2014 12:31:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-32-C Lab Sample ID: 460-72174-32

Client ID: PMP-7SW-WI

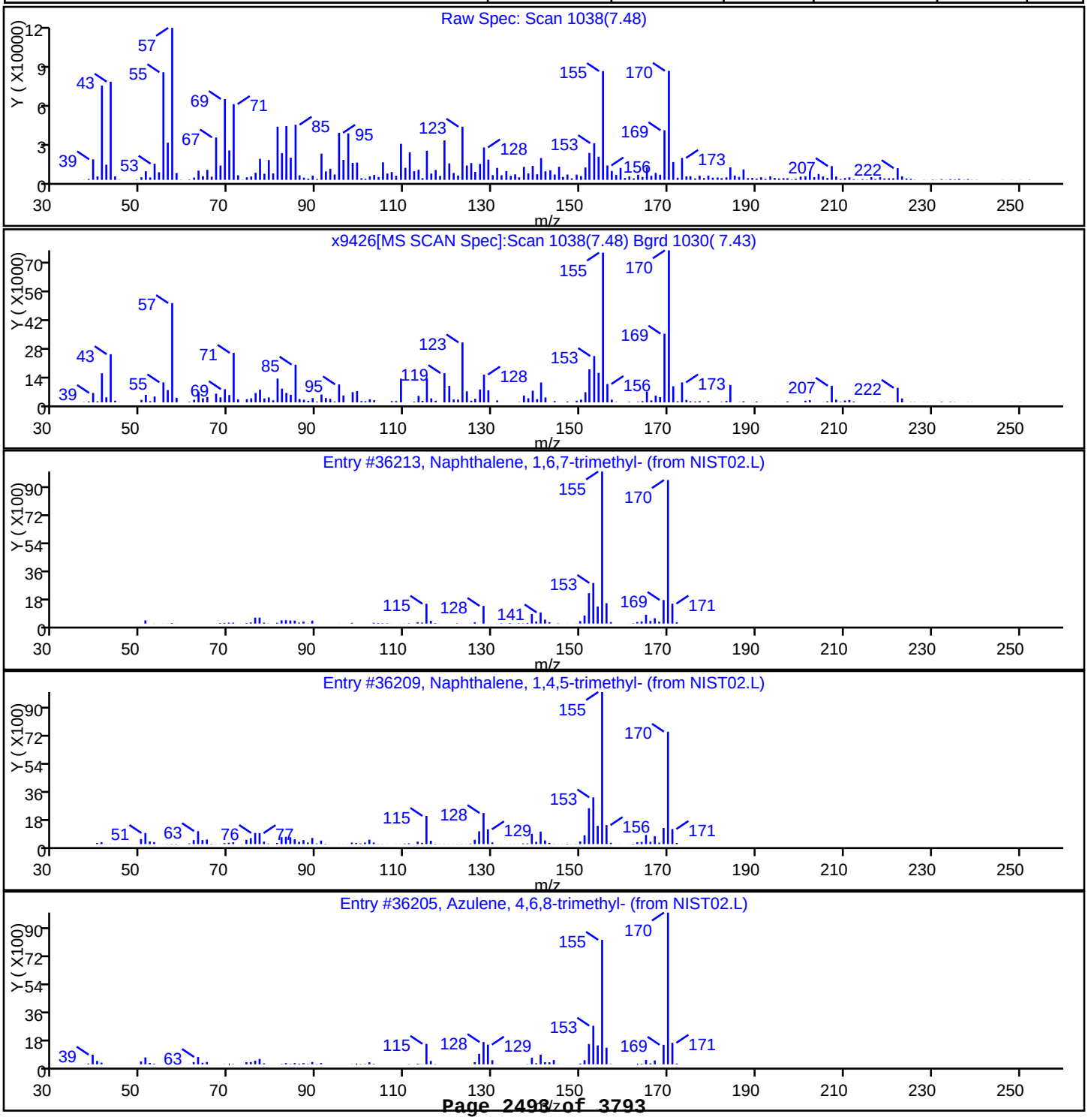
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36213	C13H14	170	93
Naphthalene, 1,4,5-trimethyl-	2131-41-1	NIST02.L	36209	C13H14	170	90
Azulene, 4,6,8-trimethyl-	941-81-1	NIST02.L	36205	C13H14	170	86



Report Date: 14-Mar-2014 15:44:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D

Injection Date: 14-Mar-2014 12:31:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-32-C Lab Sample ID: 460-72174-32

Client ID: PMP-7SW-WI

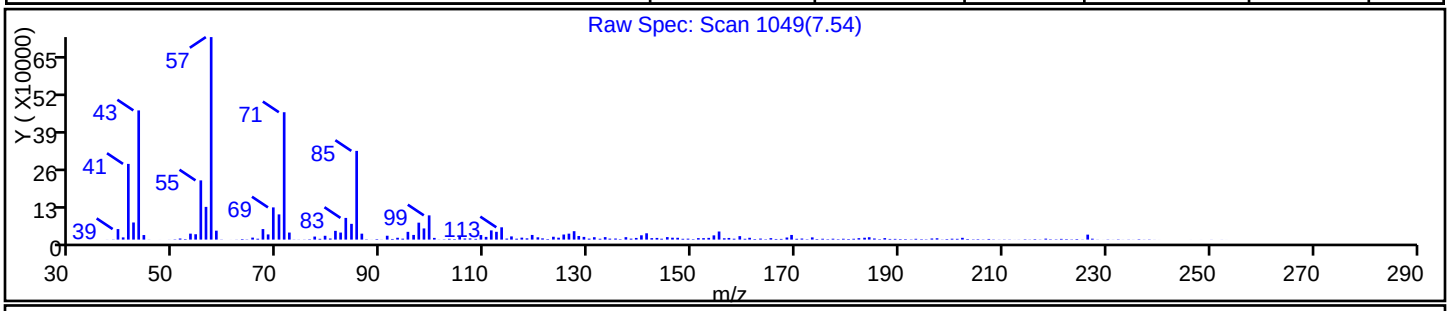
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

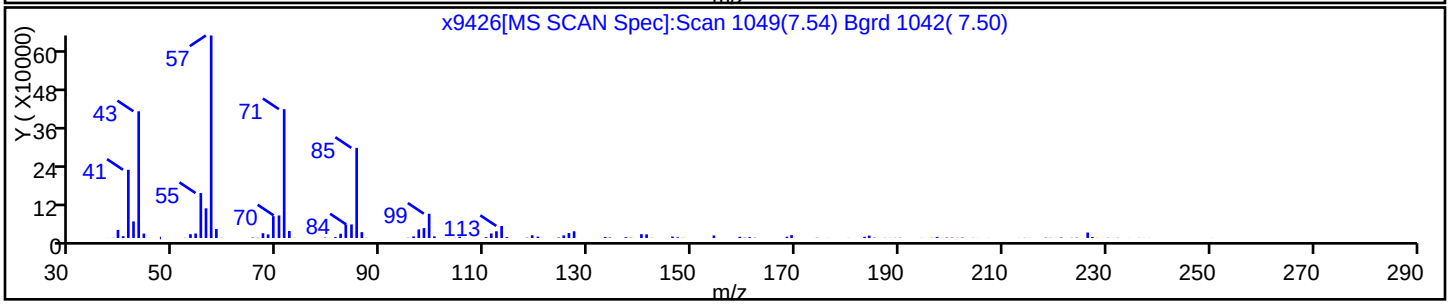
Injection Vol: 1.0 ul Dil. Factor: 5.0000

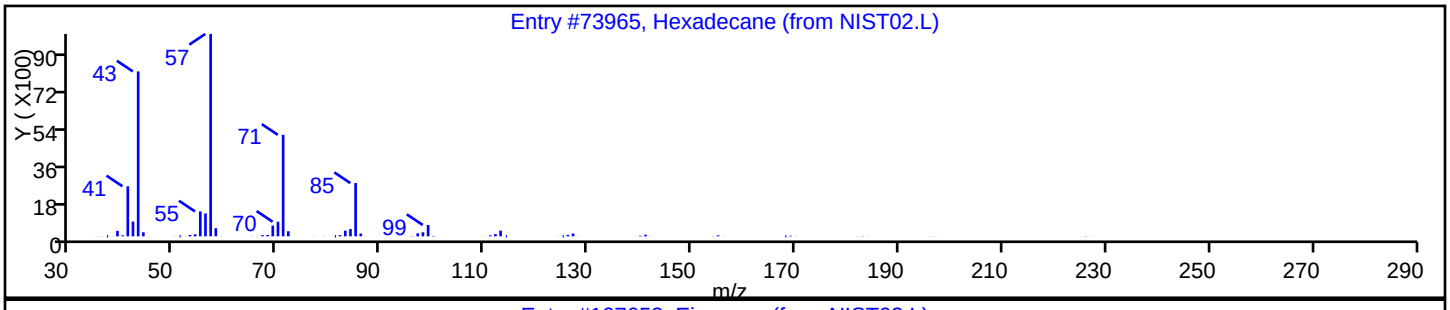
Method: 8270_5R Limit Group: SV 8270 ICAL

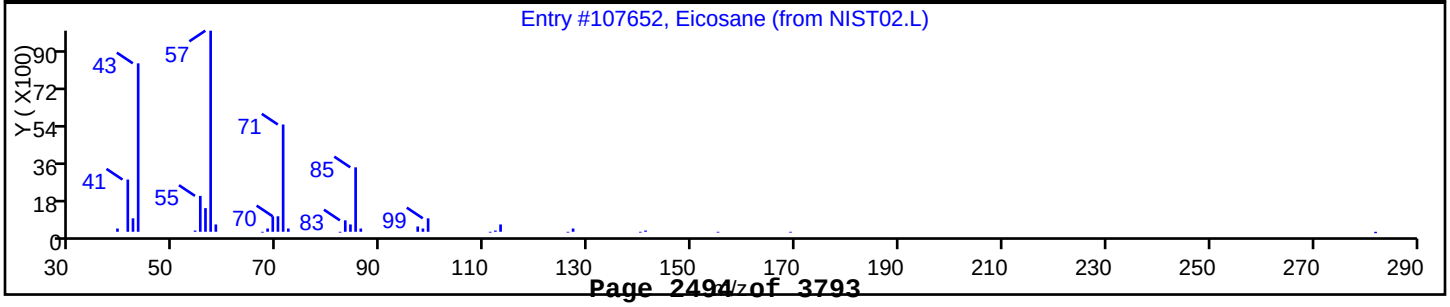
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	97
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91









Report Date: 14-Mar-2014 15:44:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D

Injection Date: 14-Mar-2014 12:31:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-32-C Lab Sample ID: 460-72174-32

Client ID: PMP-7SW-WI

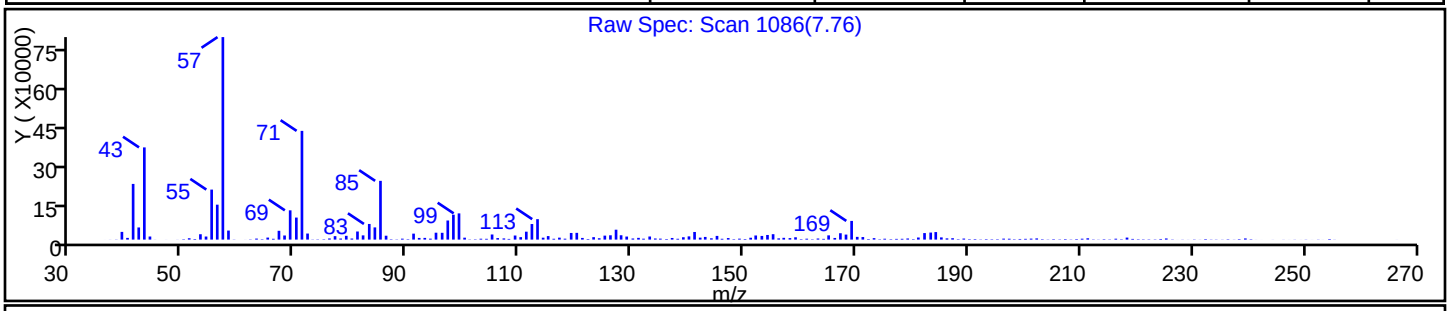
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

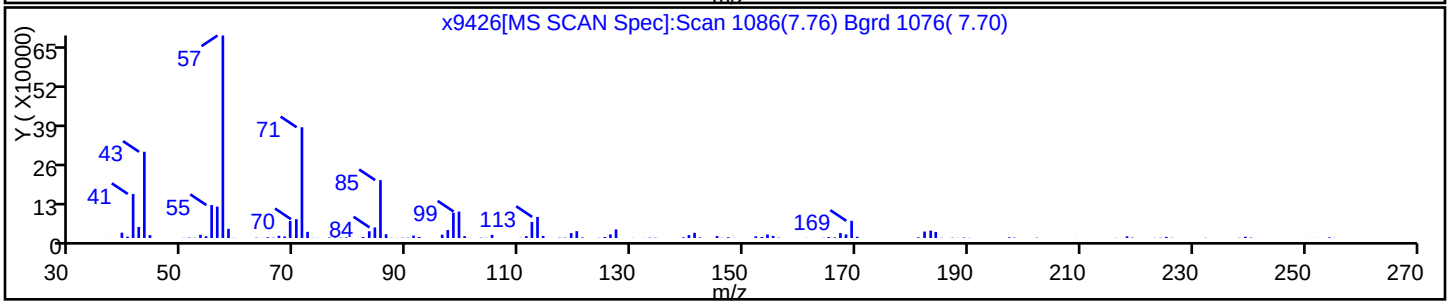
Injection Vol: 1.0 ul Dil. Factor: 5.0000

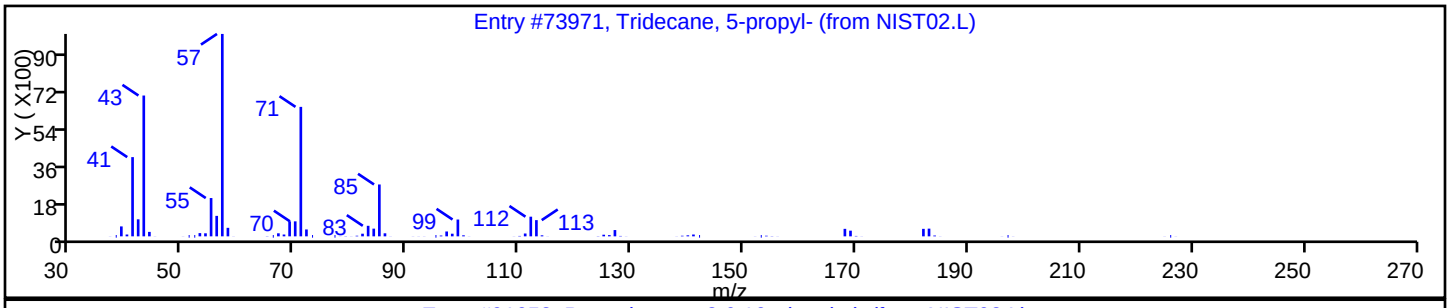
Method: 8270_5R Limit Group: SV 8270 ICAL

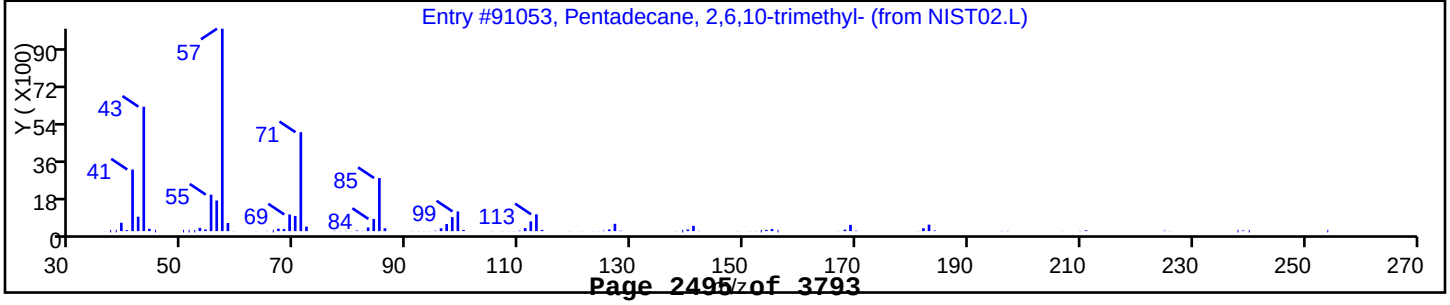
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Tridecane, 5-propyl-	55045-11-9	NIST02.L	73971	C16H34	226	93
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	91





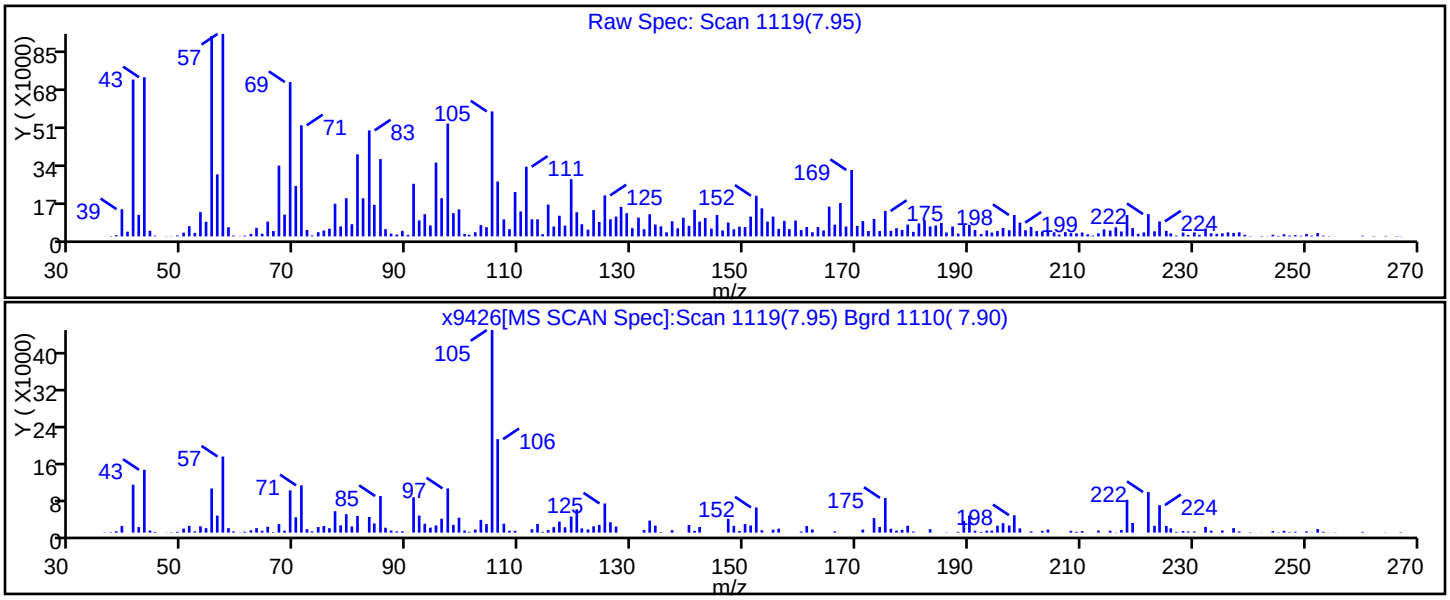




Report Date: 14-Mar-2014 15:44:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D				
Injection Date:	14-Mar-2014 12:31:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-32-C	Lab Sample ID:	460-72174-32		
Client ID:	PMP-7SW-WI				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 14-Mar-2014 15:44:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D

Injection Date: 14-Mar-2014 12:31:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-32-C Lab Sample ID: 460-72174-32

Client ID: PMP-7SW-WI

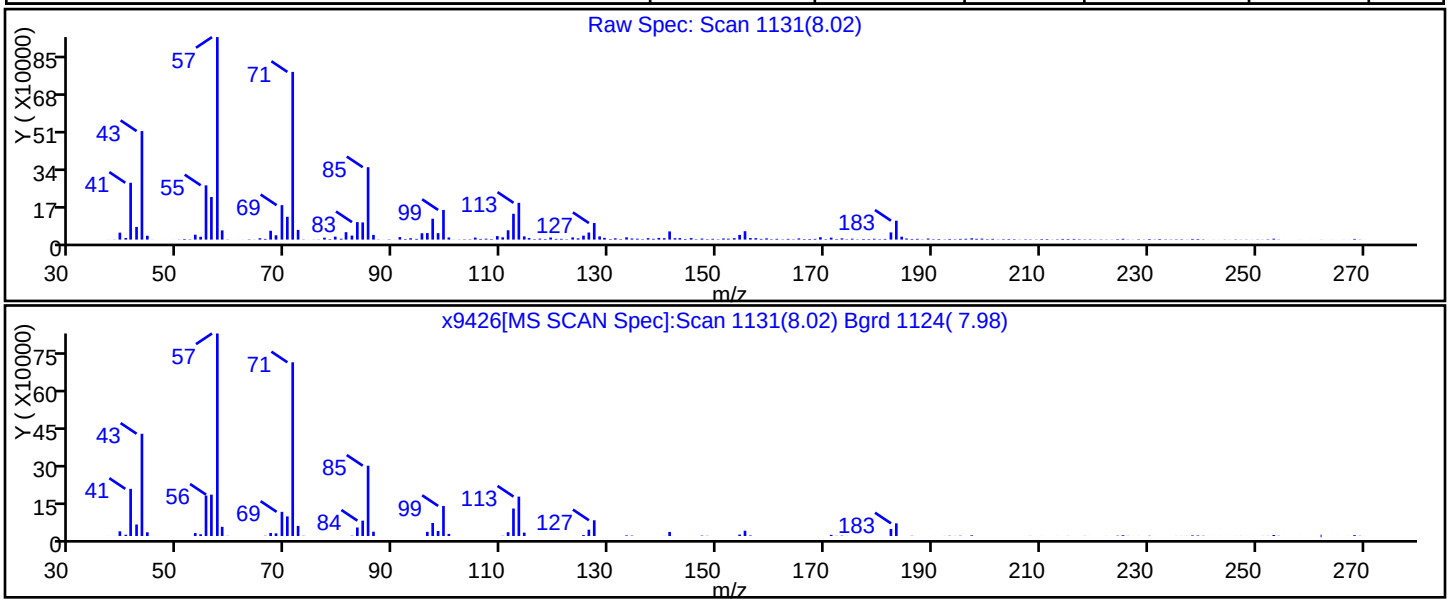
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

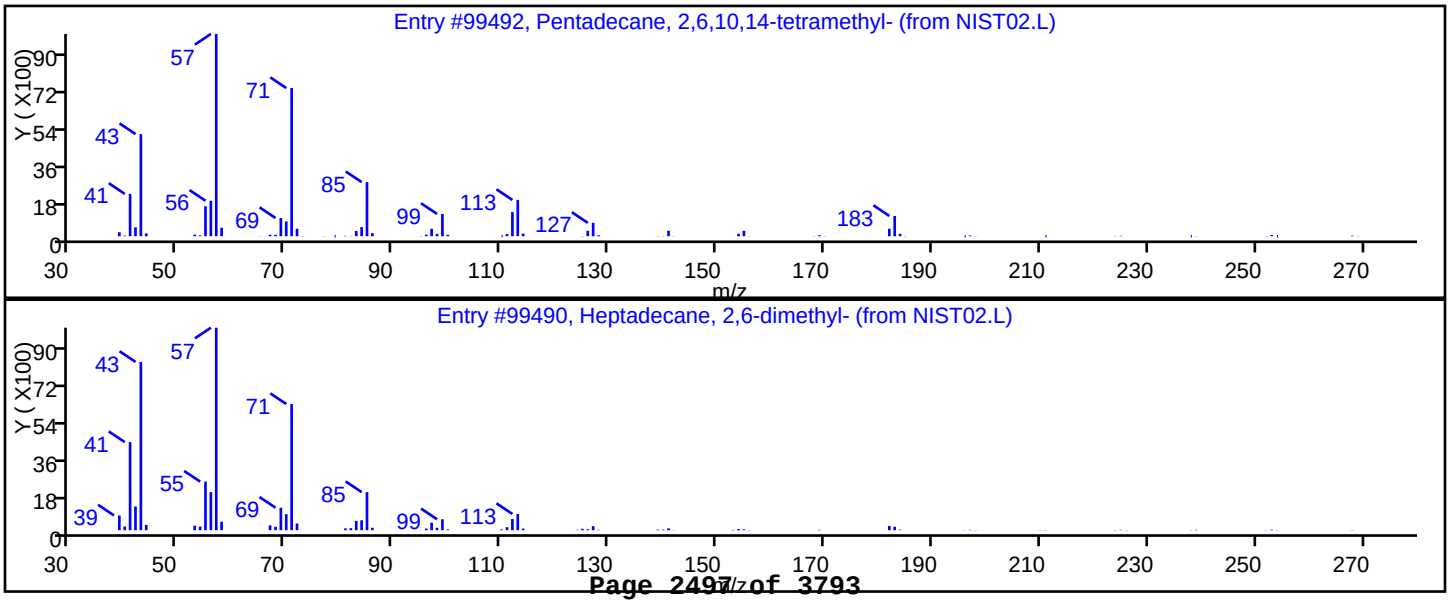
Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99492	C19H40	268	95
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	C19H40	268	94



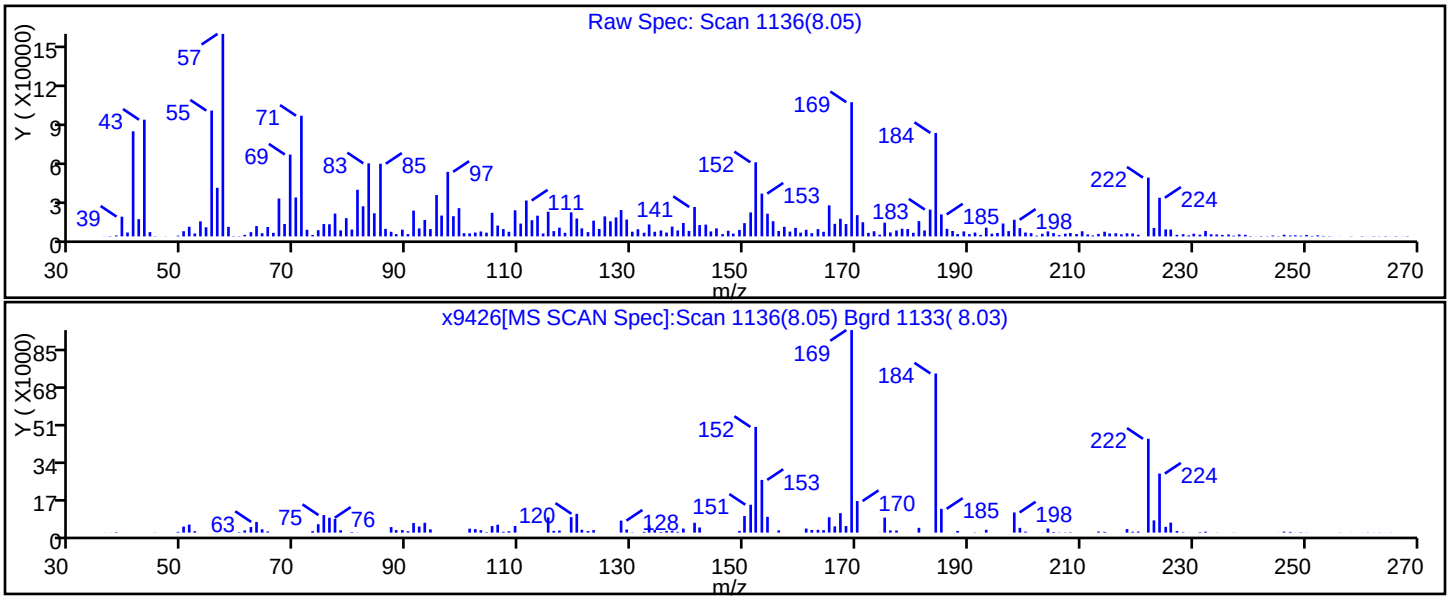


Report Date: 14-Mar-2014 15:44:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D

Injection Date:	14-Mar-2014 12:31:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-32-C	Lab Sample ID:	460-72174-32		
Client ID:	PMP-7SW-WI				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
No Library Matches Found above the Threshold:	80	Detector	MS SCAN		



Report Date: 14-Mar-2014 15:44:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D

Injection Date: 14-Mar-2014 12:31:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-32-C Lab Sample ID: 460-72174-32

Client ID: PMP-7SW-WI

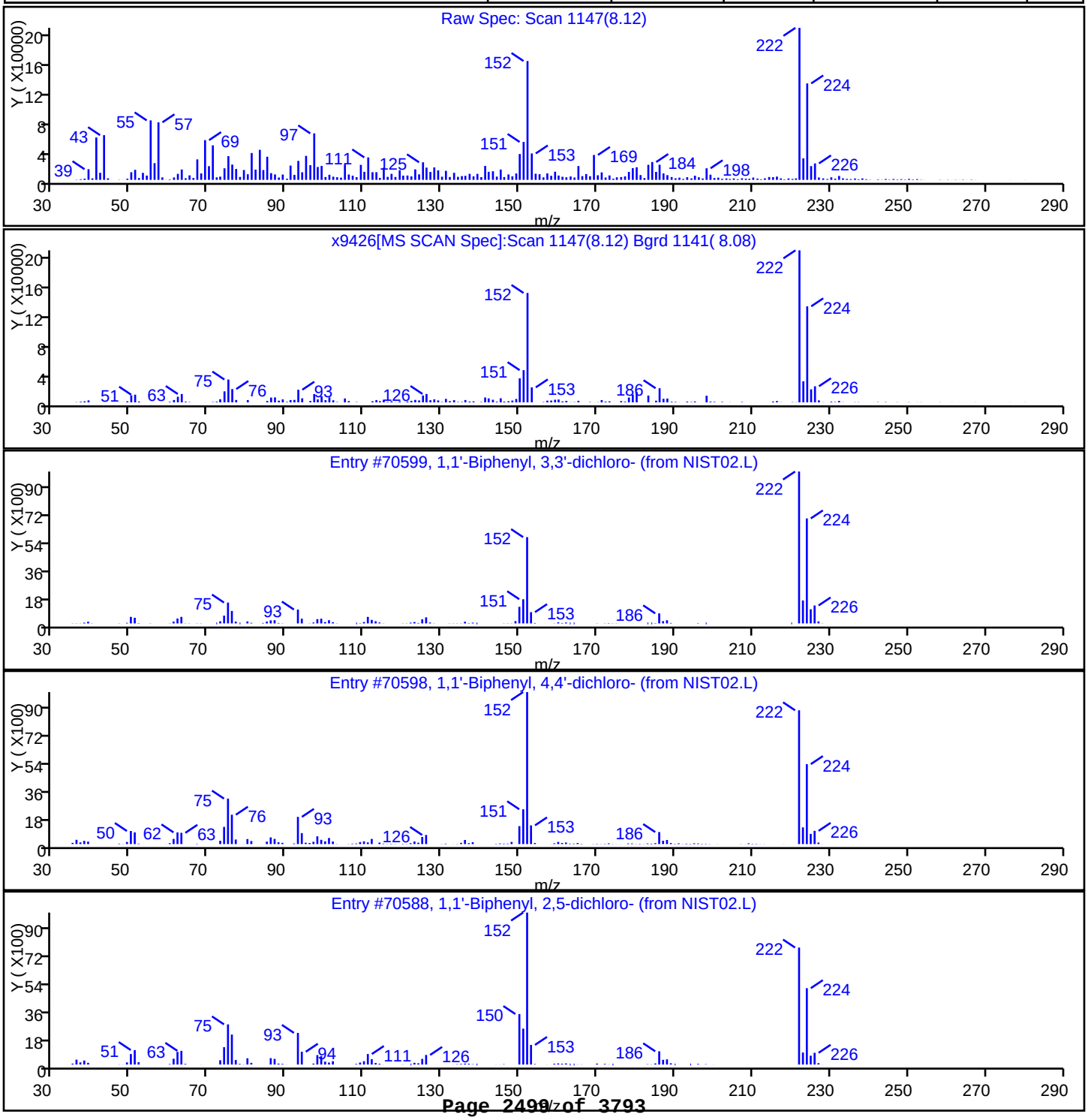
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

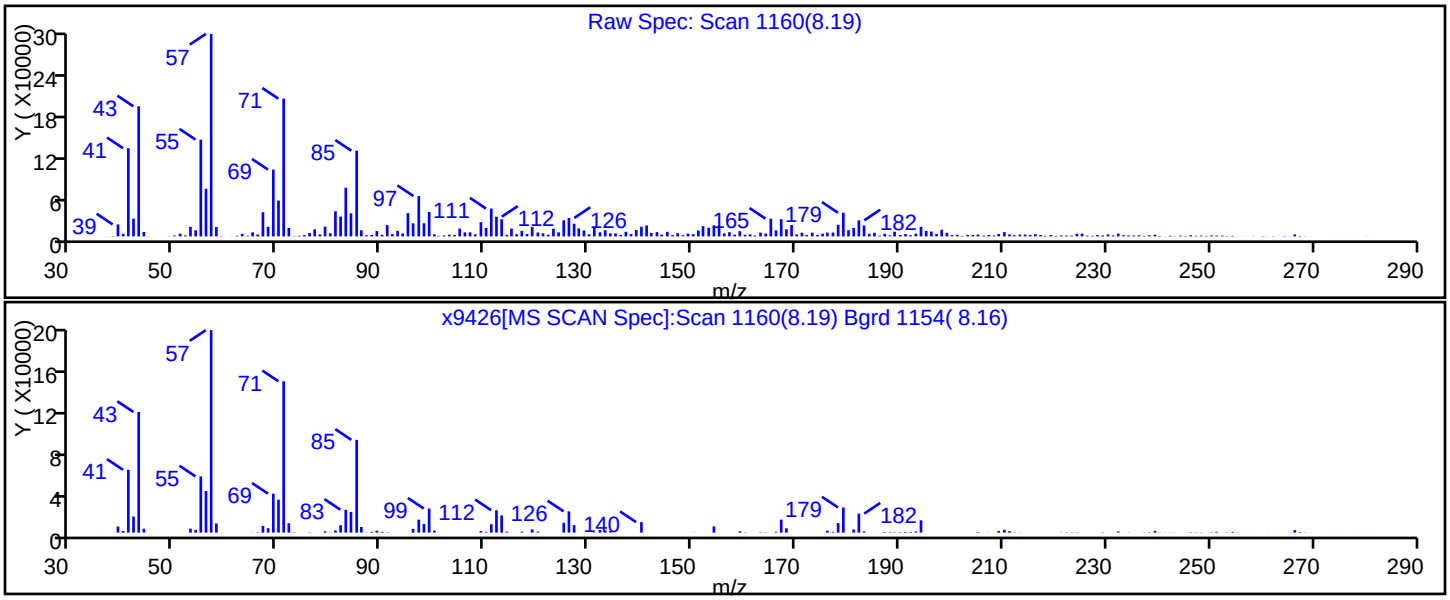
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.L	70599	C12H8Cl2	222	98
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.L	70598	C12H8Cl2	222	97
1,1'-Biphenyl, 2,5-dichloro-	34883-39-1	NIST02.L	70588	C12H8Cl2	222	95



Report Date: 14-Mar-2014 15:44:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D				
Injection Date:	14-Mar-2014 12:31:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-32-C	Lab Sample ID:	460-72174-32		
Client ID:	PMP-7SW-WI				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:	Number of Library Matches Found above the Threshold: 80	Detector	MS SCAN		



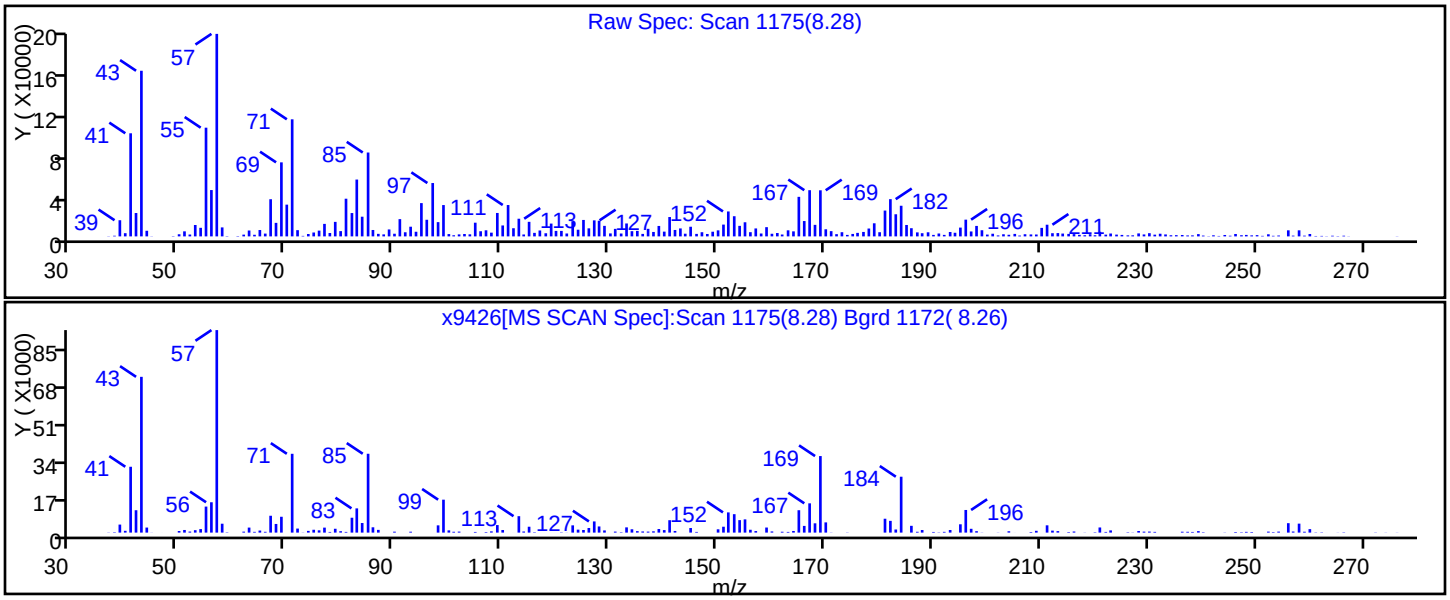
Report Date: 14-Mar-2014 15:44:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D

Injection Date:	14-Mar-2014 12:31:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-32-C	Lab Sample ID:	460-72174-32		
Client ID:	PMP-7SW-WI				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 14-Mar-2014 15:44:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D

Injection Date: 14-Mar-2014 12:31:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-32-C Lab Sample ID: 460-72174-32

Client ID: PMP-7SW-WI

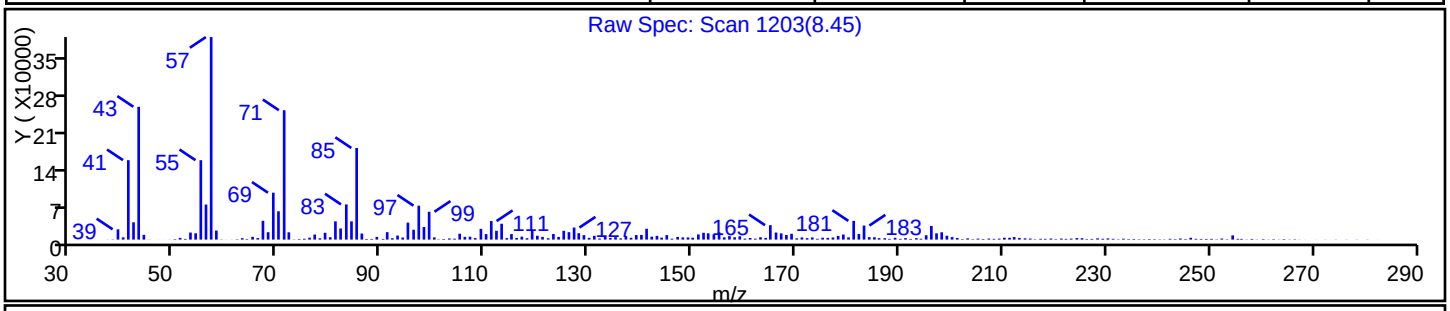
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

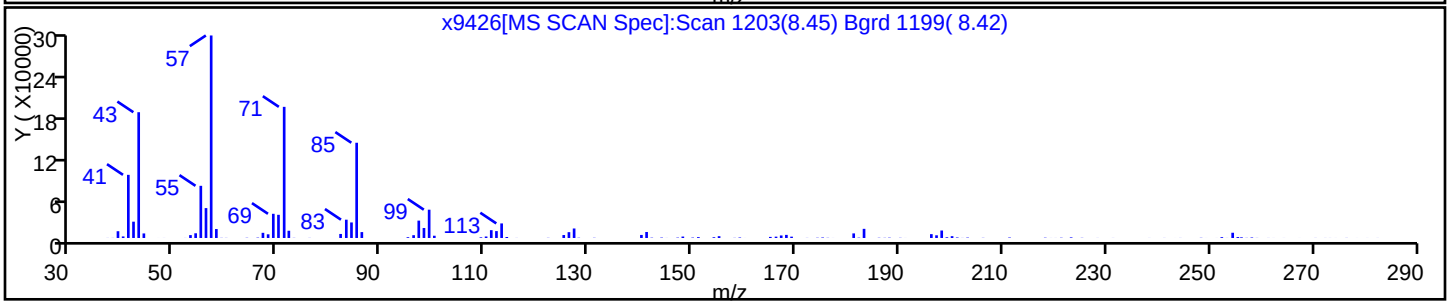
Injection Vol: 1.0 ul Dil. Factor: 5.0000

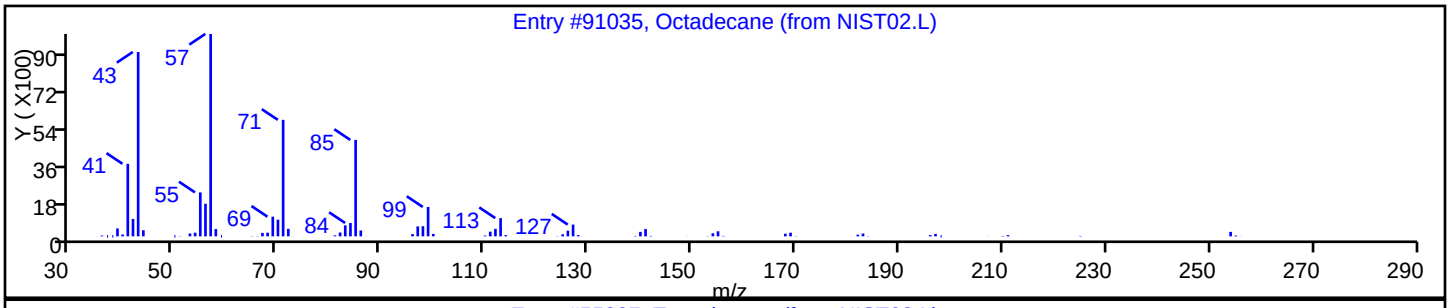
Method: 8270_5R Limit Group: SV 8270 ICAL

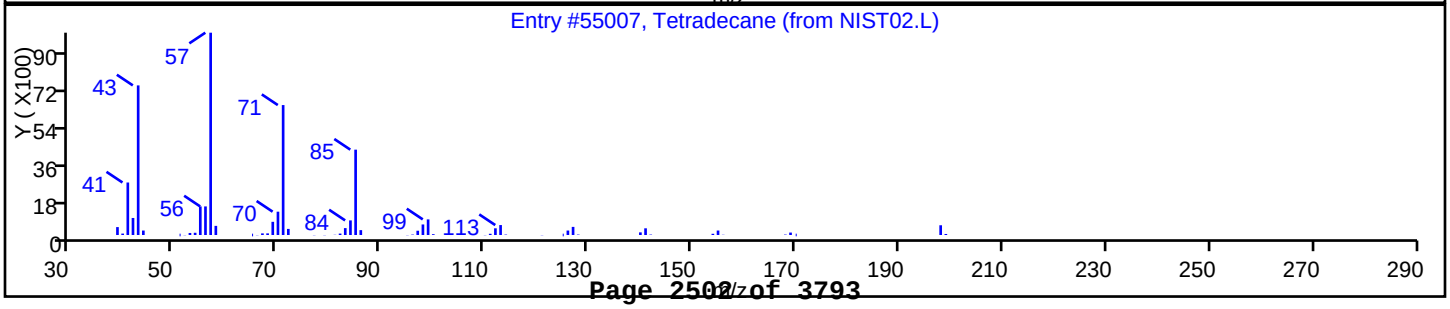
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Octadecane	593-45-3	NIST02.L	91035	C18H38	254	96
Tetradecane	629-59-4	NIST02.L	55007	C14H30	198	93









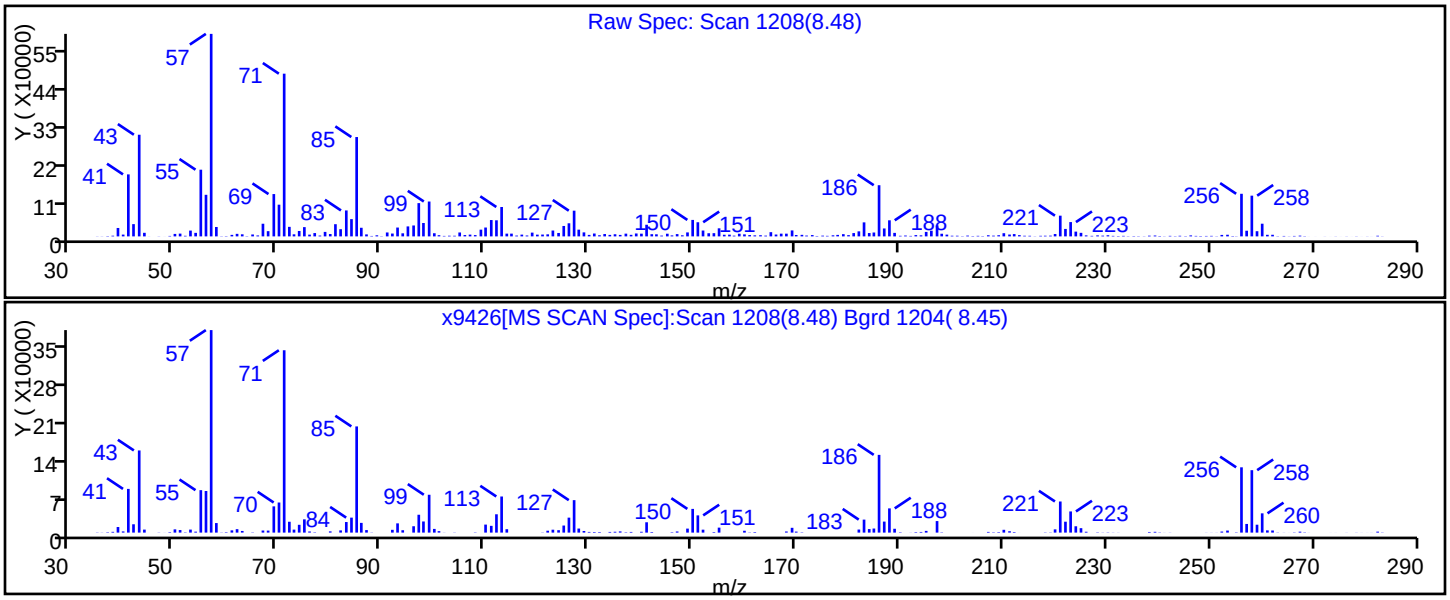
Report Date: 14-Mar-2014 15:44:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D

Injection Date:	14-Mar-2014 12:31:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-32-C	Lab Sample ID:	460-72174-32		
Client ID:	PMP-7SW-WI				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 14-Mar-2014 15:44:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D

Injection Date: 14-Mar-2014 12:31:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-32-C Lab Sample ID: 460-72174-32

Client ID: PMP-7SW-WI

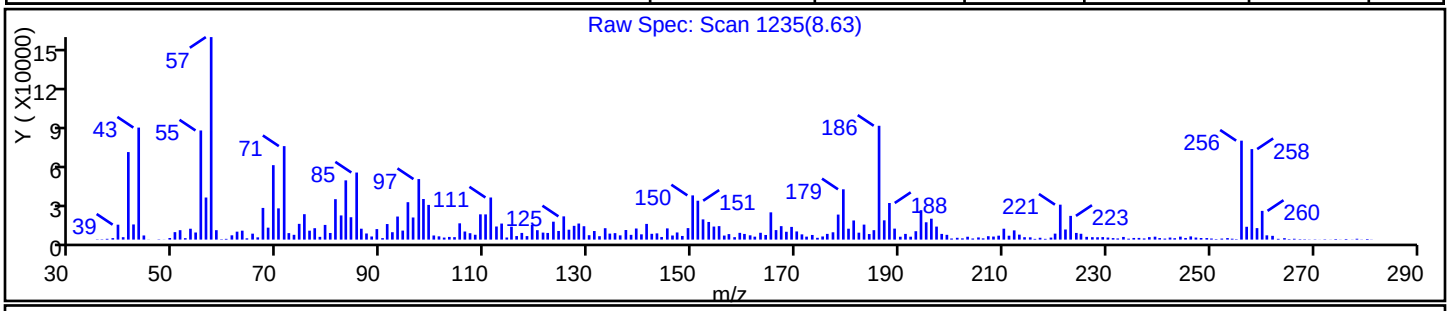
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

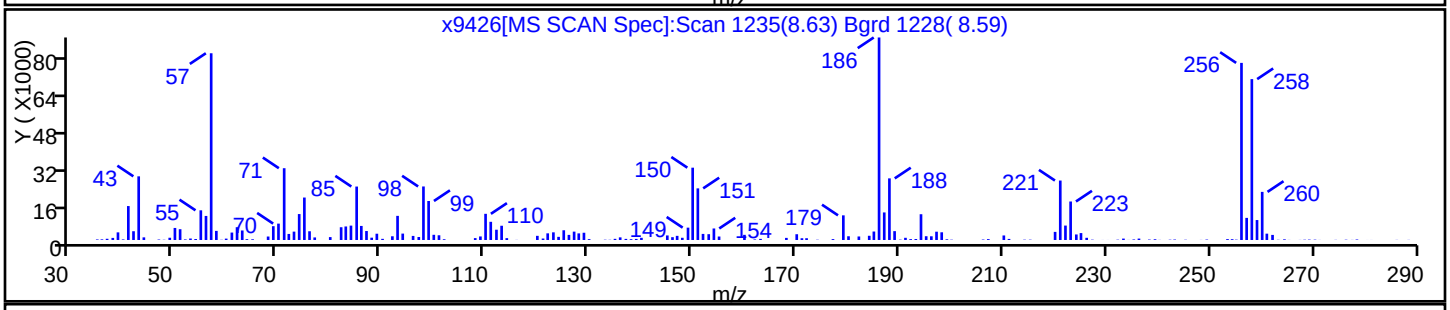
Injection Vol: 1.0 ul Dil. Factor: 5.0000

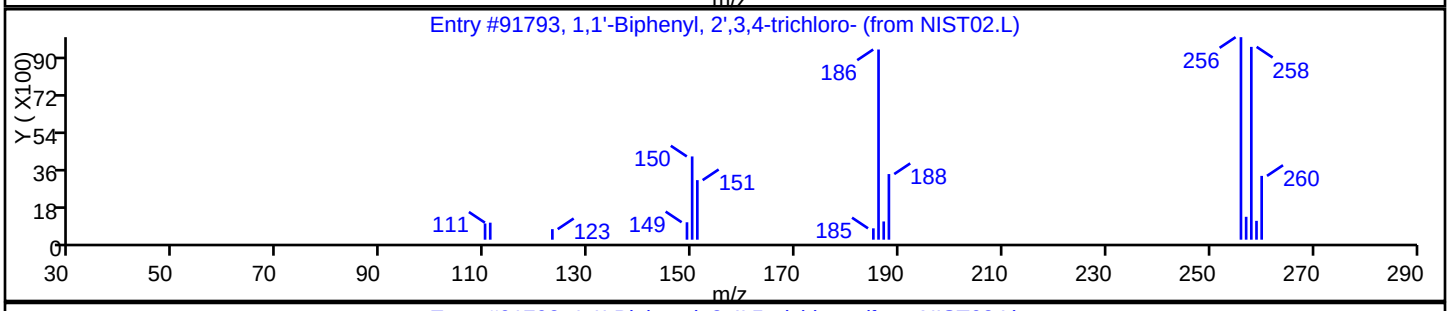
Method: 8270_5R Limit Group: SV 8270 ICAL

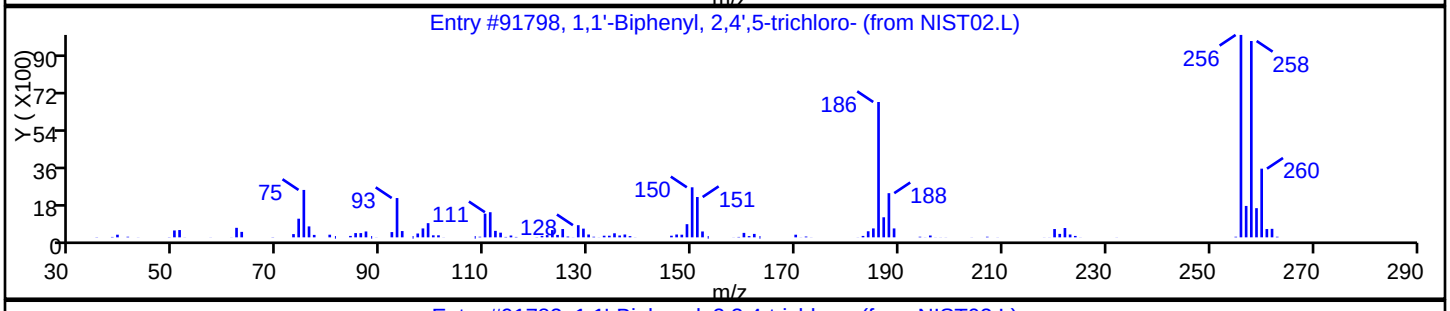
Column: Detector MS SCAN

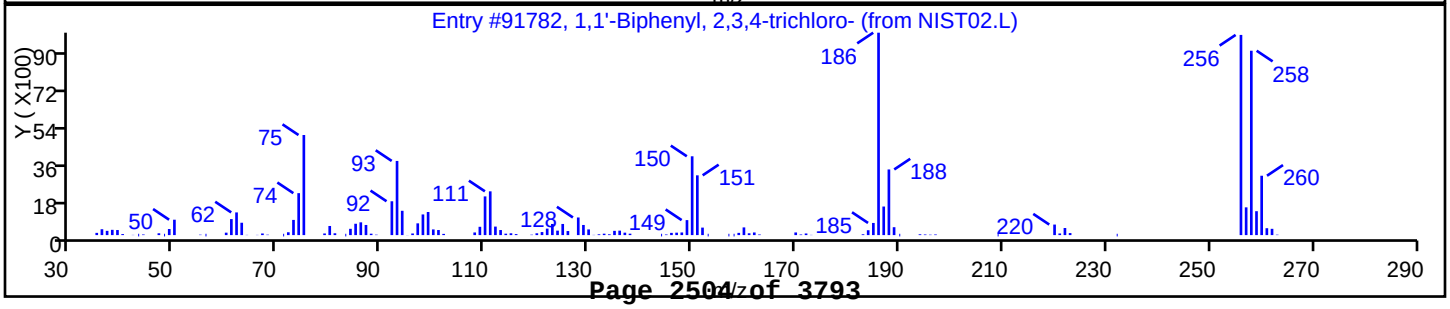
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	97
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91798	C12H7Cl3	256	96
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	C12H7Cl3	256	93











Report Date: 14-Mar-2014 15:44:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D

Injection Date: 14-Mar-2014 12:31:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-32-C Lab Sample ID: 460-72174-32

Client ID: PMP-7SW-WI

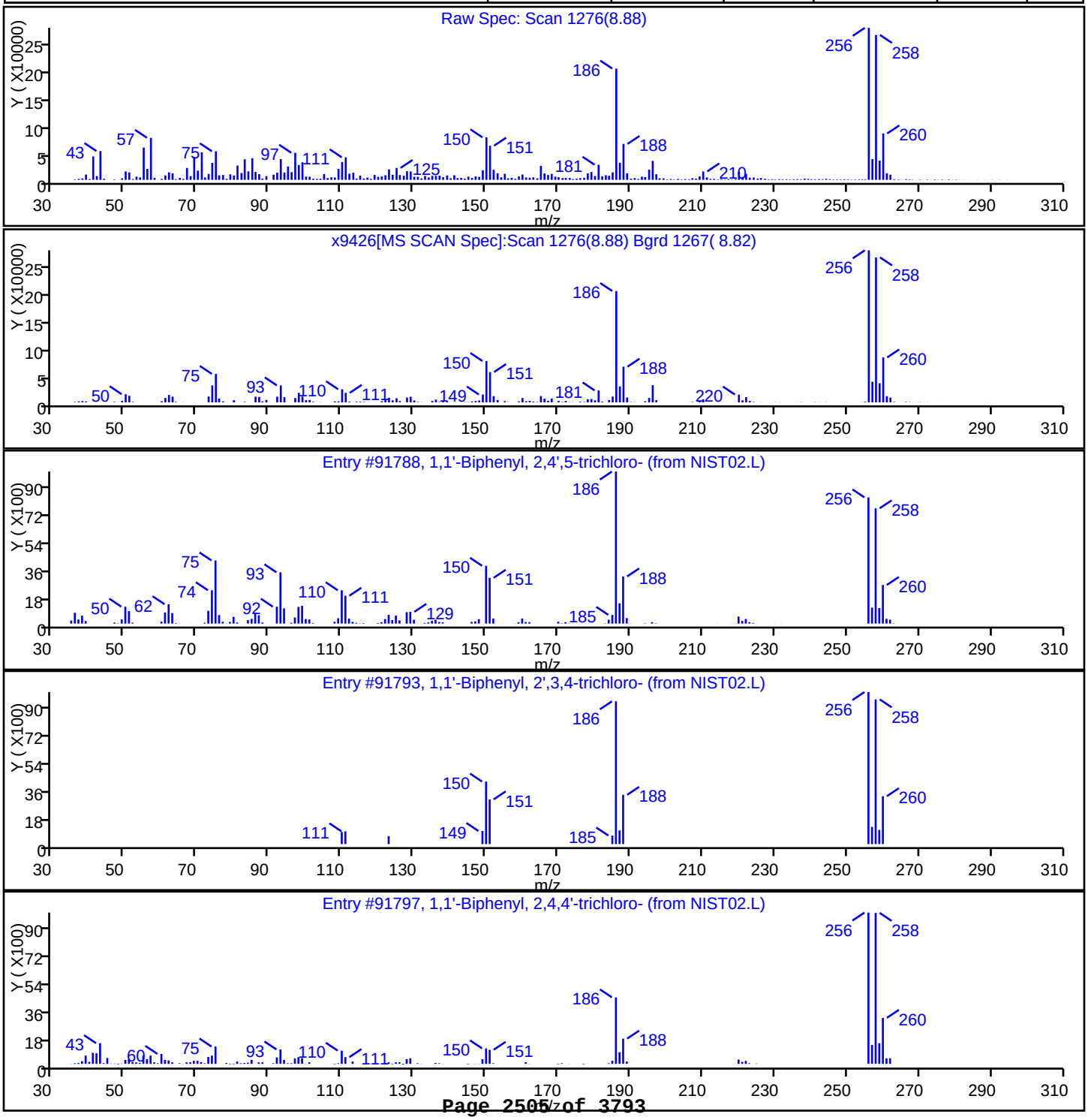
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	98
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	97
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91797	C12H7Cl3	256	96



Report Date: 14-Mar-2014 15:44:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D

Injection Date: 14-Mar-2014 12:31:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-32-C Lab Sample ID: 460-72174-32

Client ID: PMP-7SW-WI

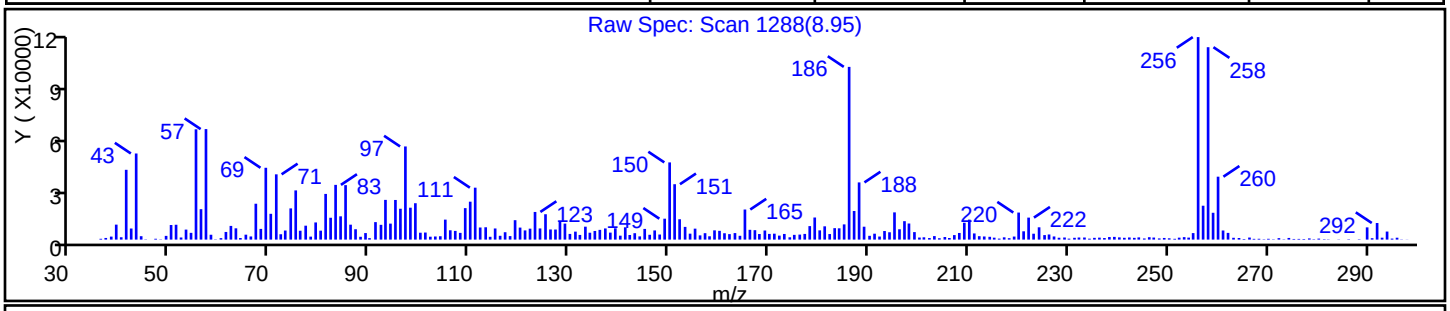
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

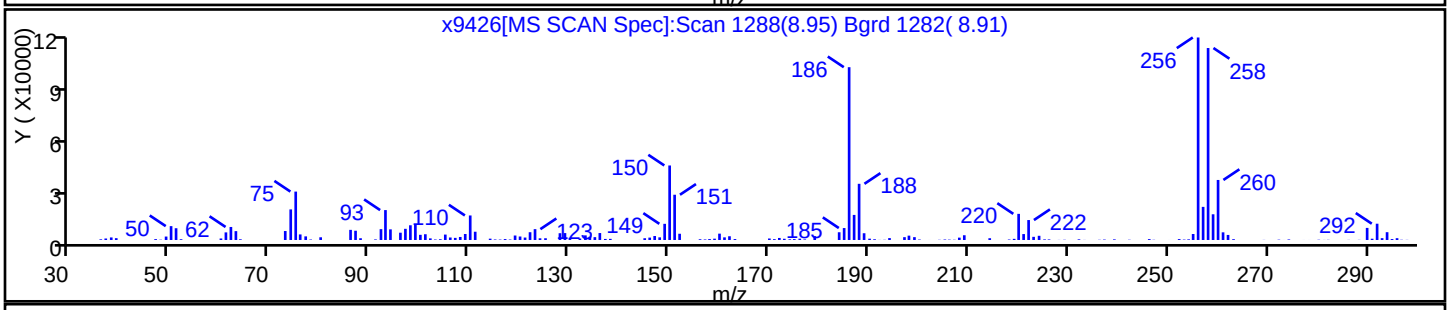
Injection Vol: 1.0 ul Dil. Factor: 5.0000

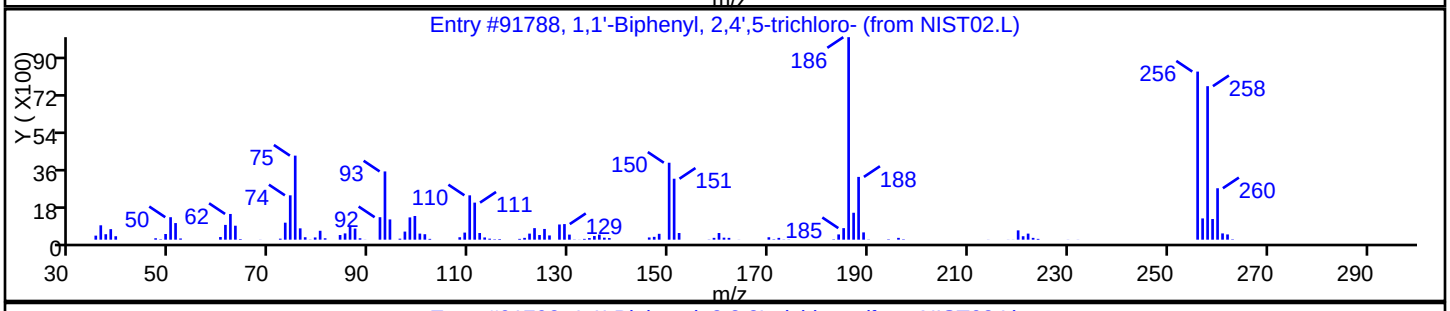
Method: 8270_5R Limit Group: SV 8270 ICAL

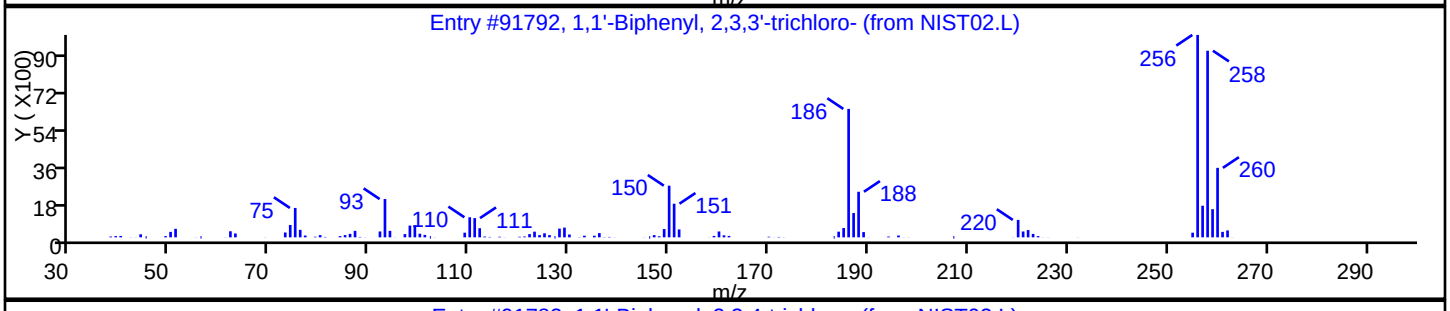
Column: Detector MS SCAN

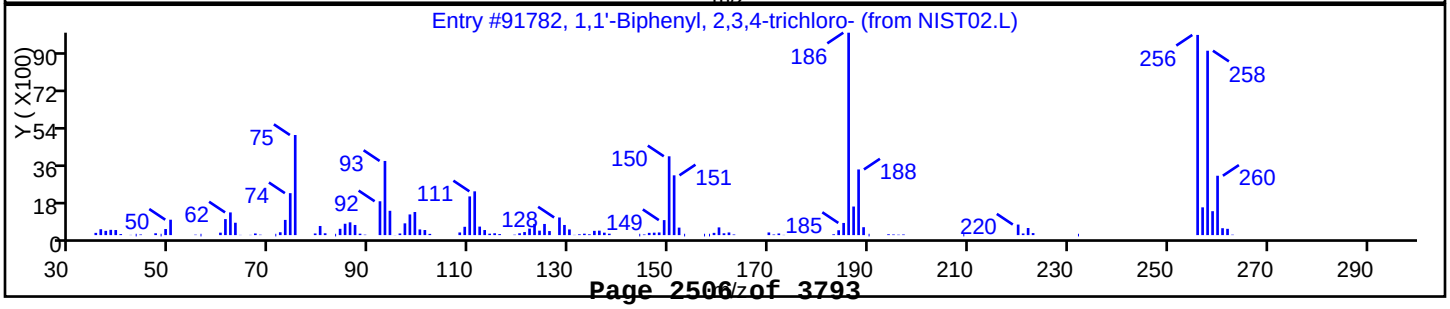
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	95
1,1'-Biphenyl, 2,3,3'-trichloro-	38444-84-7	NIST02.L	91792	C12H7Cl3	256	95
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	C12H7Cl3	256	95











Report Date: 14-Mar-2014 15:44:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D

Injection Date: 14-Mar-2014 12:31:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-32-C Lab Sample ID: 460-72174-32

Client ID: PMP-7SW-WI

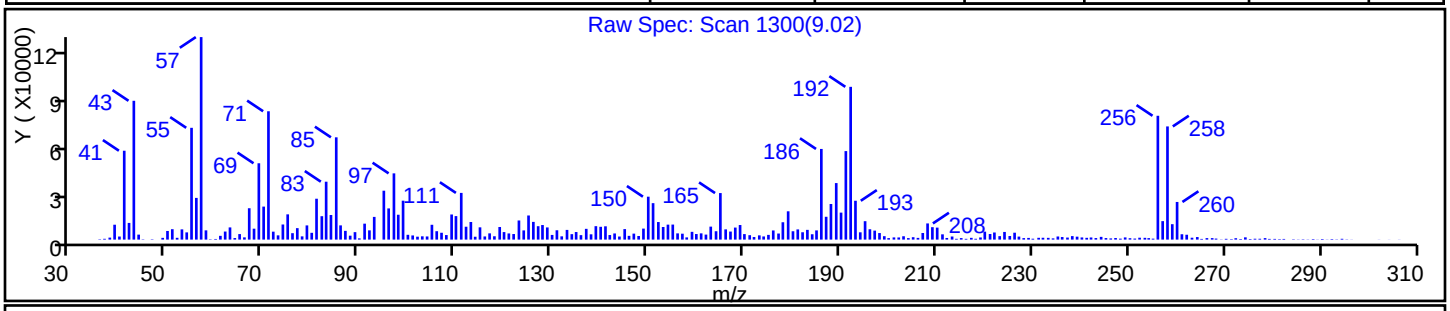
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

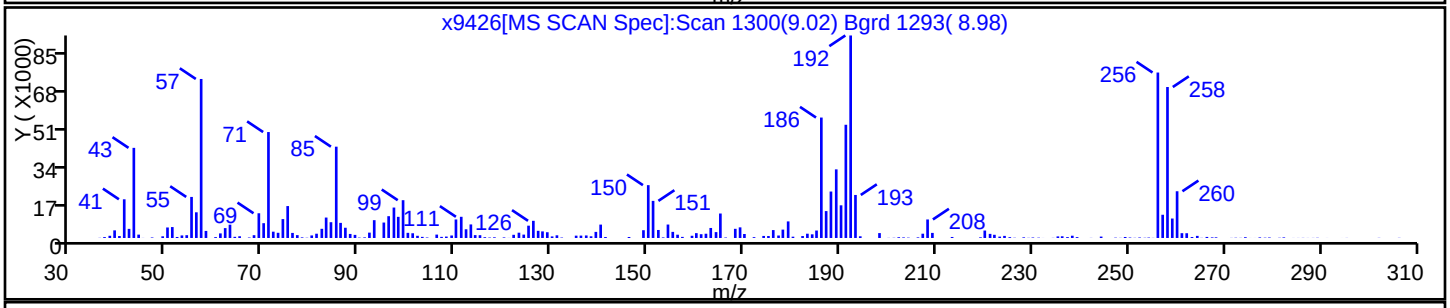
Injection Vol: 1.0 ul Dil. Factor: 5.0000

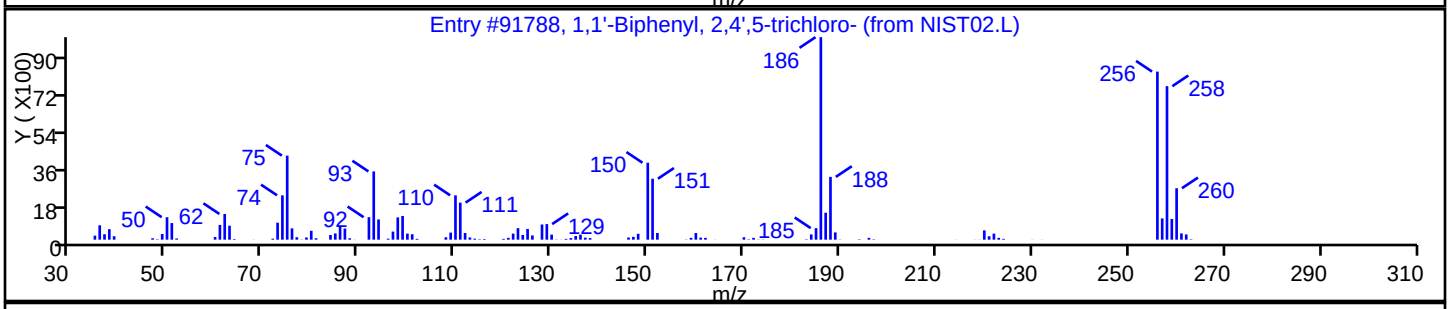
Method: 8270_5R Limit Group: SV 8270 ICAL

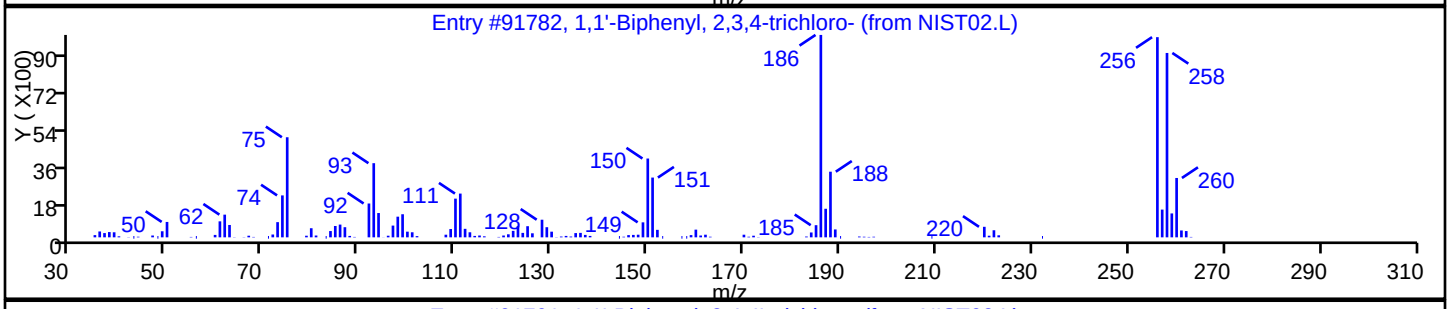
Column: Detector MS SCAN

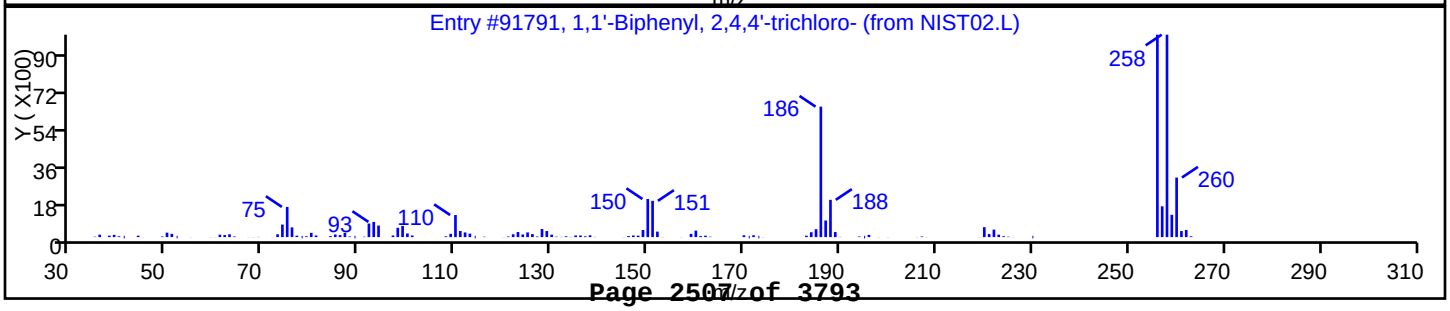
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	90
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	C12H7Cl3	256	89
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	89











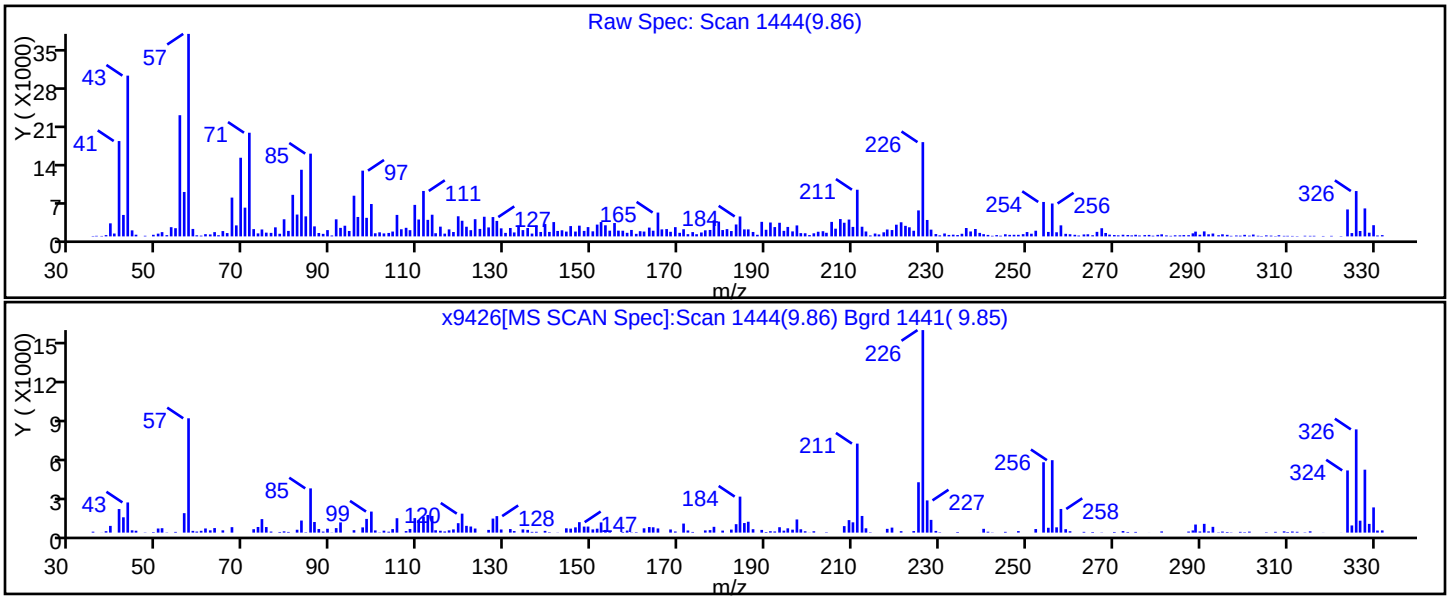
Report Date: 14-Mar-2014 15:44:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D

Injection Date:	14-Mar-2014 12:31:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-32-C	Lab Sample ID:	460-72174-32		
Client ID:	PMP-7SW-WI				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



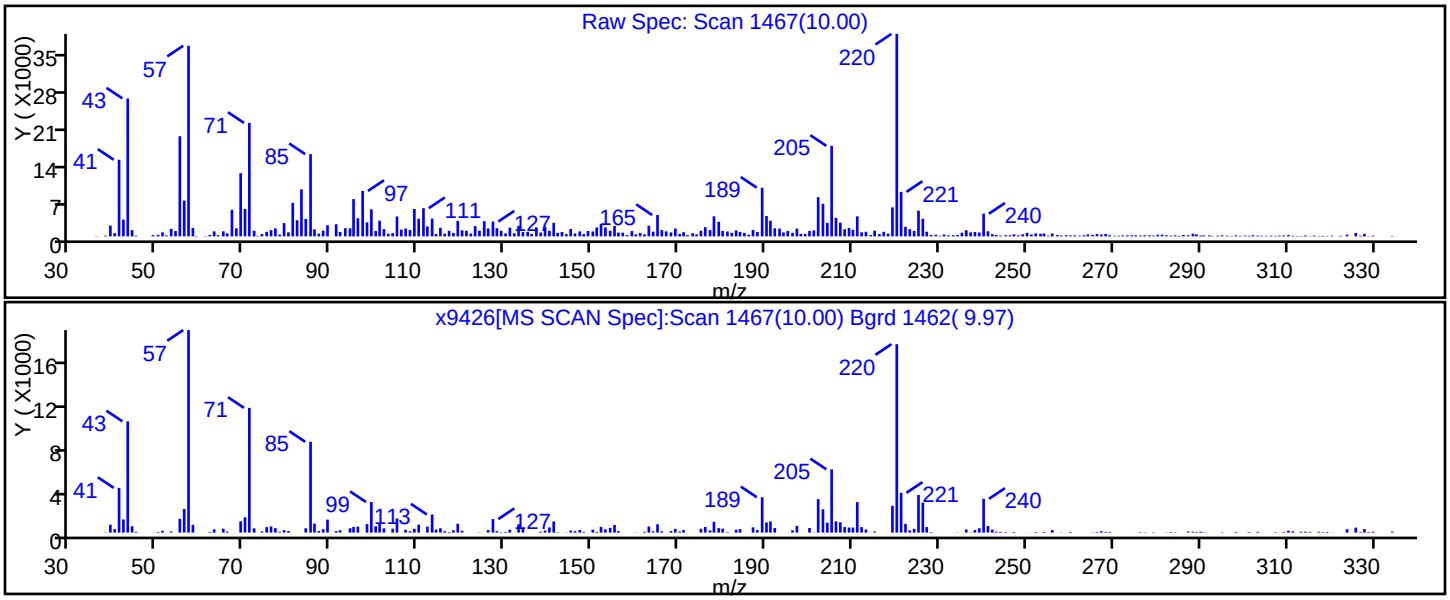
Report Date: 14-Mar-2014 15:44:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9426.D

Injection Date:	14-Mar-2014 12:31:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-32-C	Lab Sample ID:	460-72174-32		
Client ID:	PMP-7SW-WI				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-SI | Lab Sample ID: 460-72174-33

Matrix: Solid | Lab File ID: x9433.D

Analysis Method: 8270C | Date Collected: 03/06/2014 14:00

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/14/2014 15:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212566 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	260	U	1900	260
95-57-8	2-Chlorophenol	250	U	1900	250
95-48-7	2-Methylphenol	330	U	1900	330
106-44-5	4-Methylphenol	380	U	1900	380
100-52-7	Benzaldehyde	220	U	1900	220
98-86-2	Acetophenone	290	U	1900	290
111-44-4	Bis(2-chloroethyl)ether	26	U	190	26
108-60-1	2,2'-oxybis[1-chloropropane]	210	U	1900	210
621-64-7	N-Nitrosodi-n-propylamine	32	U	190	32
98-95-3	Nitrobenzene	27	U *	190	27
67-72-1	Hexachloroethane	21	U	190	21
78-59-1	Isophorone	230	U	1900	230
88-75-5	2-Nitrophenol	210	U	1900	210
105-67-9	2,4-Dimethylphenol	470	U	1900	470
120-83-2	2,4-Dichlorophenol	280	U	1900	280
111-91-1	Bis(2-chloroethoxy)methane	250	U	1900	250
91-20-3	Naphthalene	220	U	1900	220
106-47-8	4-Chloroaniline	510	U	1900	510
87-68-3	Hexachlorobutadiene	47	U	390	47
105-60-2	Caprolactam	440	U	1900	440
59-50-7	4-Chloro-3-methylphenol	290	U	1900	290
91-57-6	2-Methylnaphthalene	250	U	1900	250
118-74-1	Hexachlorobenzene	26	U	190	26
77-47-4	Hexachlorocyclopentadiene	220	U	1900	220
88-06-2	2,4,6-Trichlorophenol	220	U	1900	220
95-95-4	2,4,5-Trichlorophenol	250	U	1900	250
92-52-4	Diphenyl	260	U	1900	260
91-58-7	2-Chloronaphthalene	210	U	1900	210
88-74-4	2-Nitroaniline	800	U	1900	800
606-20-2	2,6-Dinitrotoluene	58	U	390	58
131-11-3	Dimethyl phthalate	230	U	1900	230
208-96-8	Acenaphthylene	230	U	1900	230
99-09-2	3-Nitroaniline	670	U	1900	670
83-32-9	Acenaphthene	280	U	1900	280

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-SI | Lab Sample ID: 460-72174-33

Matrix: Solid | Lab File ID: x9433.D

Analysis Method: 8270C | Date Collected: 03/06/2014 14:00

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/14/2014 15:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212566 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1900	1200
51-28-5	2,4-Dinitrophenol	1100	U	3900	1100
132-64-9	Dibenzofuran	220	U	1900	220
84-66-2	Diethyl phthalate	230	U	1900	230
86-73-7	Fluorene	320	J	1900	240
206-44-0	Fluoranthene	250	U	1900	250
84-74-2	Di-n-butyl phthalate	240	U	1900	240
121-14-2	2,4-Dinitrotoluene	63	U	390	63
7005-72-3	4-Chlorophenyl phenyl ether	220	U	1900	220
100-01-6	4-Nitroaniline	590	U	3900	590
534-52-1	4,6-Dinitro-2-methylphenol	520	U	3900	520
101-55-3	4-Bromophenyl phenyl ether	190	U	1900	190
1912-24-9	Atrazine	290	U	1900	290
120-12-7	Anthracene	230	U	1900	230
86-74-8	Carbazole	230	U	1900	230
85-01-8	Phenanthrene	1300	J	1900	240
87-86-5	Pentachlorophenol	570	U	3900	570
129-00-0	Pyrene	170	J	1900	160
218-01-9	Chrysene	220	U	1900	220
207-08-9	Benzo[k]fluoranthene	14	U	190	14
191-24-2	Benzo[g,h,i]perylene	140	U	1900	140
205-99-2	Benzo[b]fluoranthene	12	U	190	12
50-32-8	Benzo[a]pyrene	13	U	190	13
56-55-3	Benzo[a]anthracene	13	U	190	13
86-30-6	N-Nitrosodiphenylamine	190	U	1900	190
85-68-7	Butyl benzyl phthalate	170	U	1900	170
117-81-7	Bis(2-ethylhexyl) phthalate	630	U	1900	630
117-84-0	Di-n-octyl phthalate	120	U	1900	120
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	190	35
53-70-3	Dibenz(a,h)anthracene	24	U	190	24
91-94-1	3,3'-Dichlorobenzidine	670	U	1900	670
95-94-3	1,2,4,5-Tetrachlorobenzene	260	U	1900	260
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	1900	250

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-SI Lab Sample ID: 460-72174-33

Matrix: Solid Lab File ID: x9433.D

Analysis Method: 8270C Date Collected: 03/06/2014 14:00

Extract. Method: 3541 Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.04(g) Date Analyzed: 03/14/2014 15:22

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212566 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	76		40-106
4165-62-2	Phenol-d5	66		44-104
1718-51-0	Terphenyl-d14	75		41-145
118-79-6	2,4,6-Tribromophenol	55		19-114
367-12-4	2-Fluorophenol	67		39-103
321-60-8	2-Fluorobiphenyl	86		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-SI | Lab Sample ID: 460-72174-33

Matrix: Solid | Lab File ID: x9433.D

Analysis Method: 8270C | Date Collected: 03/06/2014 14:00

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/14/2014 15:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212566 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 256300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown alkane	7.04	14000	J
829-26-5	Naphthalene, 2,3,6-trimethyl-	7.27	7600	J N
2245-38-7	Naphthalene, 1,6,7-trimethyl-	7.47	9800	J N
	Unknown alkane	7.53	20000	J
	Unknown alkane	7.75	16000	J
	Unknown	7.95	11000	J
	Unknown alkane	8.00	17000	J
	Unknown	8.01	17000	J
	Unknown	8.05	9300	J
16605-91-7	1,1'-Biphenyl, 2,3-dichloro-	8.11	11000	J N
	Unknown	8.14	7700	J
	Unknown alkane	8.19	14000	J
	Unknown	8.28	10000	J
	Unknown alkane	8.43	15000	J
	Unknown alkane	8.46	16000	J
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.63	16000	J N
	Unknown alkane	8.86	19000	J
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	8.94	9600	J N
779-02-2	Anthracene, 9-methyl-	9.01	8600	J N
	Unknown	9.03	7700	J

Report Date: 14-Mar-2014 16:21:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D
Lims ID: 460-72174-F-33-C Lab Sample ID: 460-72174-33
Client ID: PMP-7SW-SI
Sample Type: Client
Inject. Date: 14-Mar-2014 15:22:30 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0010857-024
Operator ID: Instrument ID: CBNAMS5

Method: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\8270_5R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 16:21:55 Calib Date: 11-Mar-2014 10:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS5\20140311-10688.b\x9292.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: bayoumiw Date: 14-Mar-2014 16:18:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.817	2.811	0.006	91	75482	6.71	
$ 6 Phenol-d5	99	3.729	3.752	-0.023	70	90140	6.63	
* 13 1,4-Dichlorobenzene-d4	152	4.029	4.041	-0.012	98	294247	40.0	
$ 25 Nitrobenzene-d5	82	4.587	4.605	-0.018	92	84684	7.61	
* 35 Naphthalene-d8	136	5.317	5.323	-0.006	100	1024896	40.0	
41 2-Methylnaphthalene	142	6.029	6.035	-0.006	80	5334	0.3222	
$ 48 2-Fluorobiphenyl	172	6.399	6.411	-0.012	97	127576	8.60	
49 1,1'-Biphenyl	154	6.493	6.505	-0.012	85	2943	0.1738	
* 61 Acenaphthene-d10	164	7.064	7.070	-0.006	91	432938	40.0	
70 Fluorene	166	7.599	7.605	-0.006	39	10472	0.8425	
$ 76 2,4,6-Tribromophenol	330	7.840	7.846	-0.006	74	10076	5.53	
* 83 Phenanthrene-d10	188	8.517	8.517	0.0	98	499345	40.0	
84 Phenanthrene	178	8.540	8.540	0.0	37	45253	3.40	
90 Pyrene	202	9.922	9.923	0.0	91	4930	0.4386	
$ 91 Terphenyl-d14	244	10.081	10.081	0.0	98	62501	7.46	
* 96 Chrysene-d12	240	11.205	11.211	-0.006	99	272310	40.0	
* 103 Perylene-d12	264	13.040	13.040	0.0	99	200901	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D
Lims ID: 460-72174-F-33-C Lab Sample ID: 460-72174-33
Client ID: PMP-7SW-SI
Sample Type: Client
Inject. Date: 14-Mar-2014 15:22:30 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0010857-024
Operator ID: Instrument ID: CBNAMS5

Method: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\8270_5R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 16:21:55 Calib Date: 11-Mar-2014 10:31:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: bayoumiw Date: 14-Mar-2014 16:18:55

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown alkane						
7.040	2266003	35.9	61	0	0		0	
829-26-5		Naphthalene, 2,3,6-trimethyl-						
7.270	1256307	19.9	61	96	36218	C13H14	170	
2245-38-7		Naphthalene, 1,6,7-trimethyl-						
7.470	1618424	25.6	61	96	36213	C13H14	170	
		Unknown alkane						
7.534	3299482	52.2	61	0	0		0	
		Unknown alkane						
7.752	2554404	40.4	61	0	0		0	
		Unknown						
7.946	1891506	28.3	83					
		Unknown alkane						
7.999	2967998	44.4	83	0	0		0	
		Unknown						
8.011	2978774	44.6	83					
		Unknown						
8.046	1610307	24.1	83					
16605-91-7		1,1'-Biphenyl, 2,3-dichloro-						
8.105	1835346	27.5	83	99	70592	C12H8Cl2	222	
		Unknown						
8.140	1336531	20.0	83					
		Unknown alkane						
8.187	2415010	36.1	83	0	0		0	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
8.275	1781059	26.6	83					
		Unknown alkane						
8.434	2618681	39.2	83	0	0		0	
		Unknown alkane						
8.464	2739180	41.0	83	0	0		0	
	16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-						
8.628	2704870	40.5	83	98	91798	C12H7Cl3	256	
		Unknown alkane						
8.858	3285670	49.2	83	0	0		0	
	38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-						
8.940	1661156	24.9	83	96	91793	C12H7Cl3	256	
	779-02-2	Anthracene, 9-methyl-						
9.011	1495074	22.4	83	83	50615	C15H12	192	
		Unknown						
9.034	1340175	20.0	83					

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.064	2528023	40.0
* 83 Phenanthrene-d10	8.517	2673847	40.0

QC Flag Legend

Processing Flags

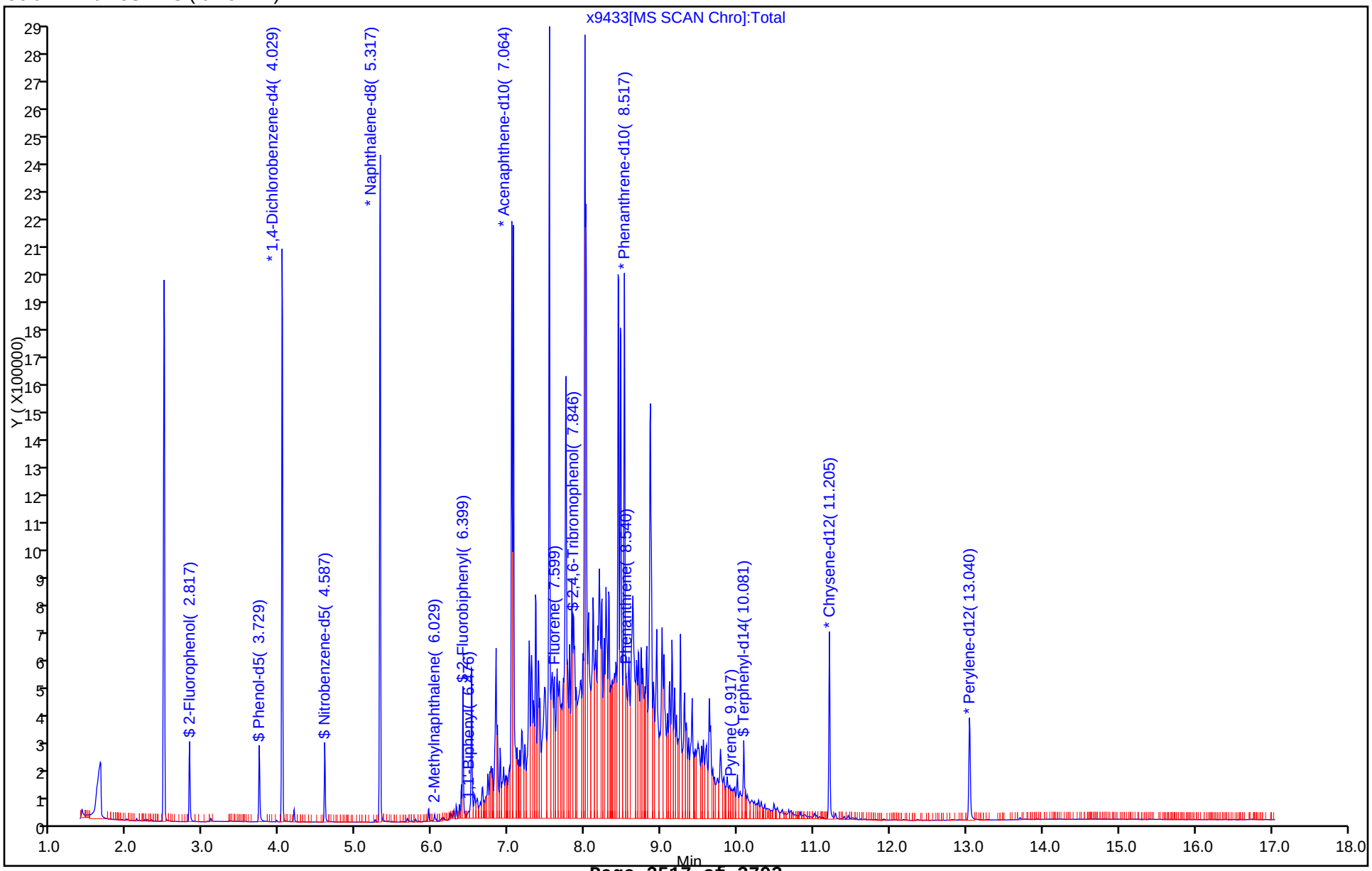
Report Date: 14-Mar-2014 16:21:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D

Injection Date:	14-Mar-2014 15:22:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-72174-F-33-C	Lab Sample ID:	460-72174-33	Worklist Smp#:	24
Client ID:	PMP-7SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	24
Method:	8270_5R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



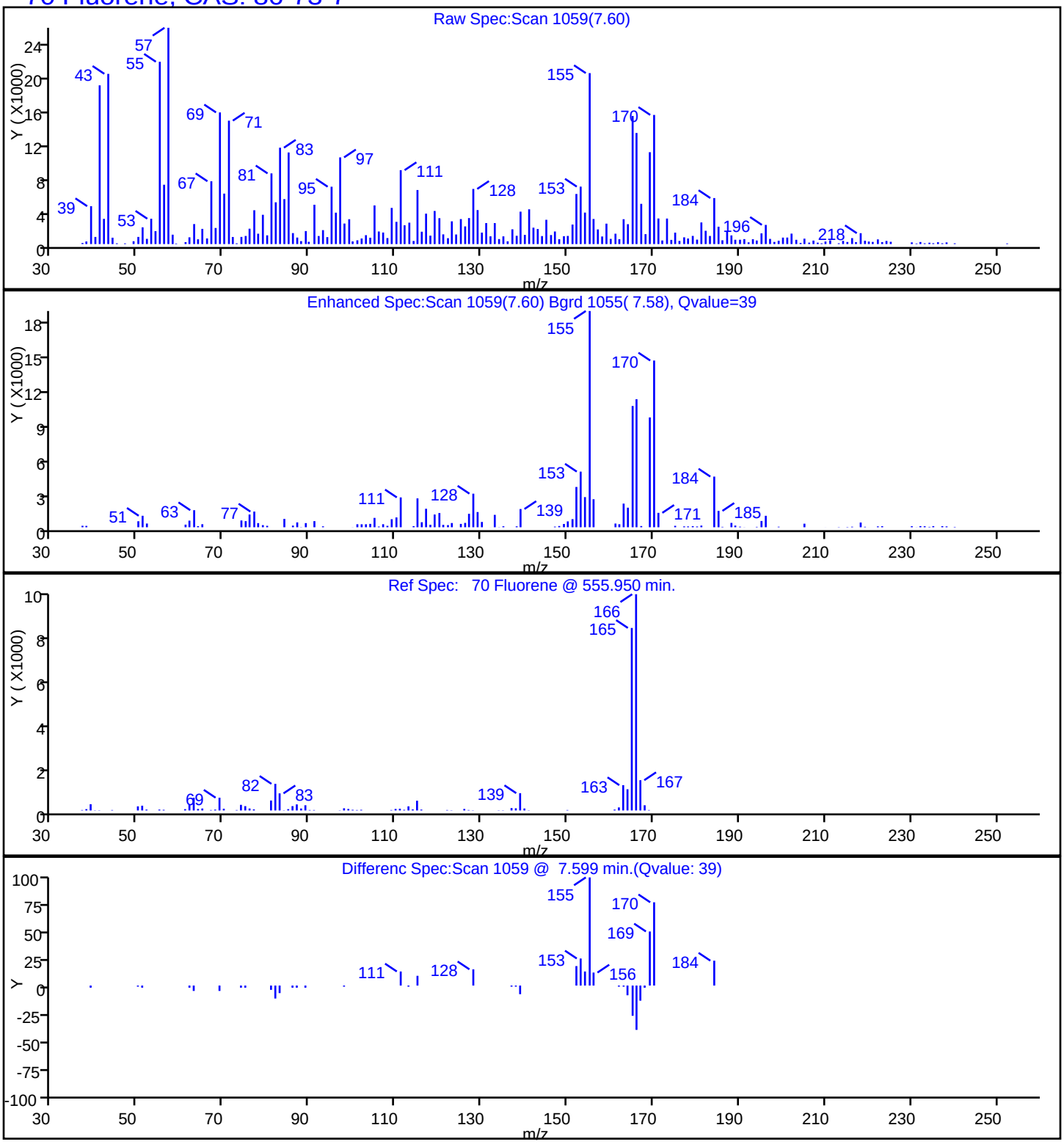
Report Date: 14-Mar-2014 16:21:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D

Injection Date:	14-Mar-2014 15:22:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-33-C	Lab Sample ID:	460-72174-33		
Client ID:	PMP-7SW-SI				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

70 Fluorene, CAS: 86-73-7



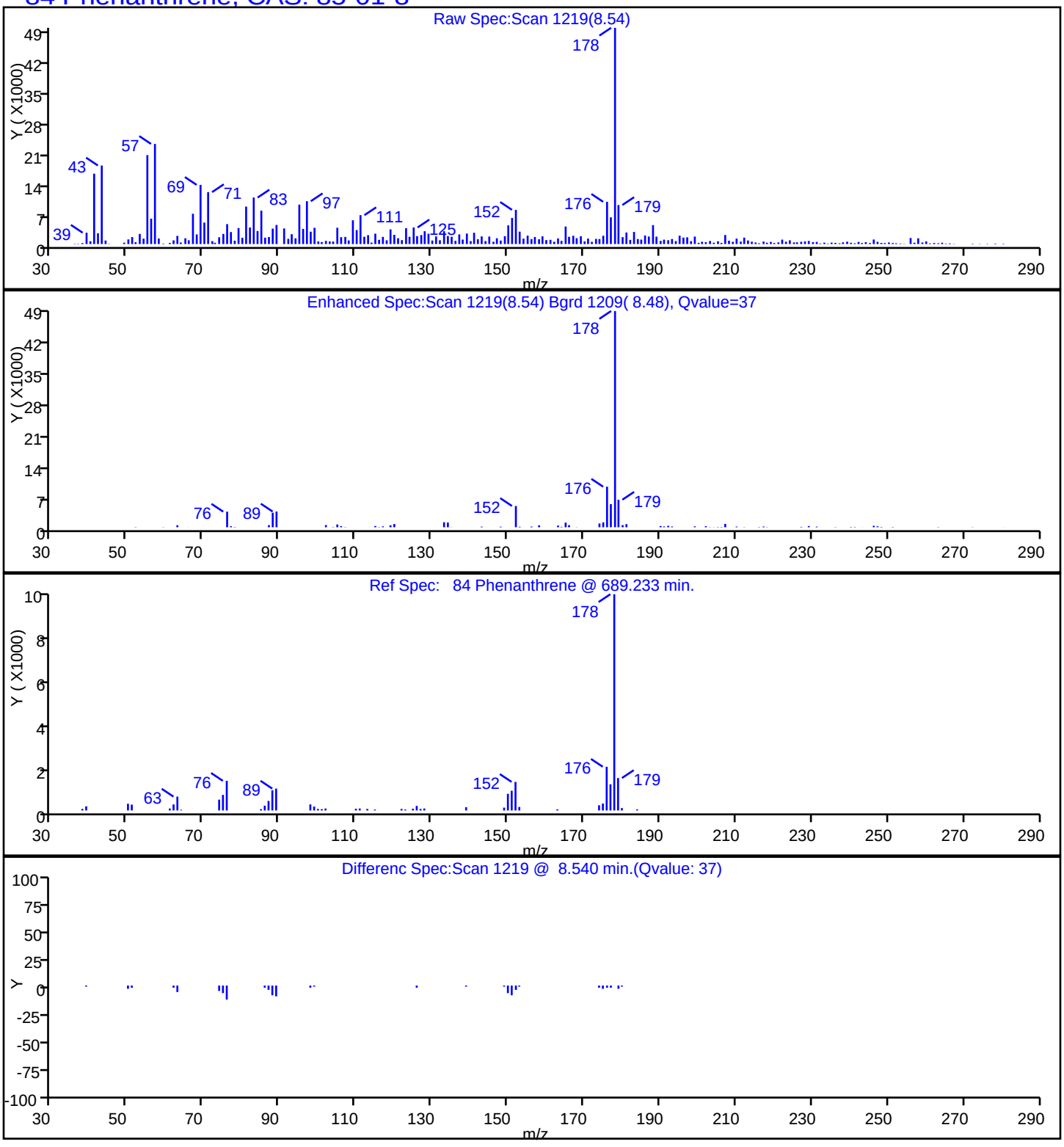
Report Date: 14-Mar-2014 16:21:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D

Injection Date:	14-Mar-2014 15:22:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-33-C	Lab Sample ID:	460-72174-33		
Client ID:	PMP-7SW-SI				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

84 Phenanthrene, CAS: 85-01-8



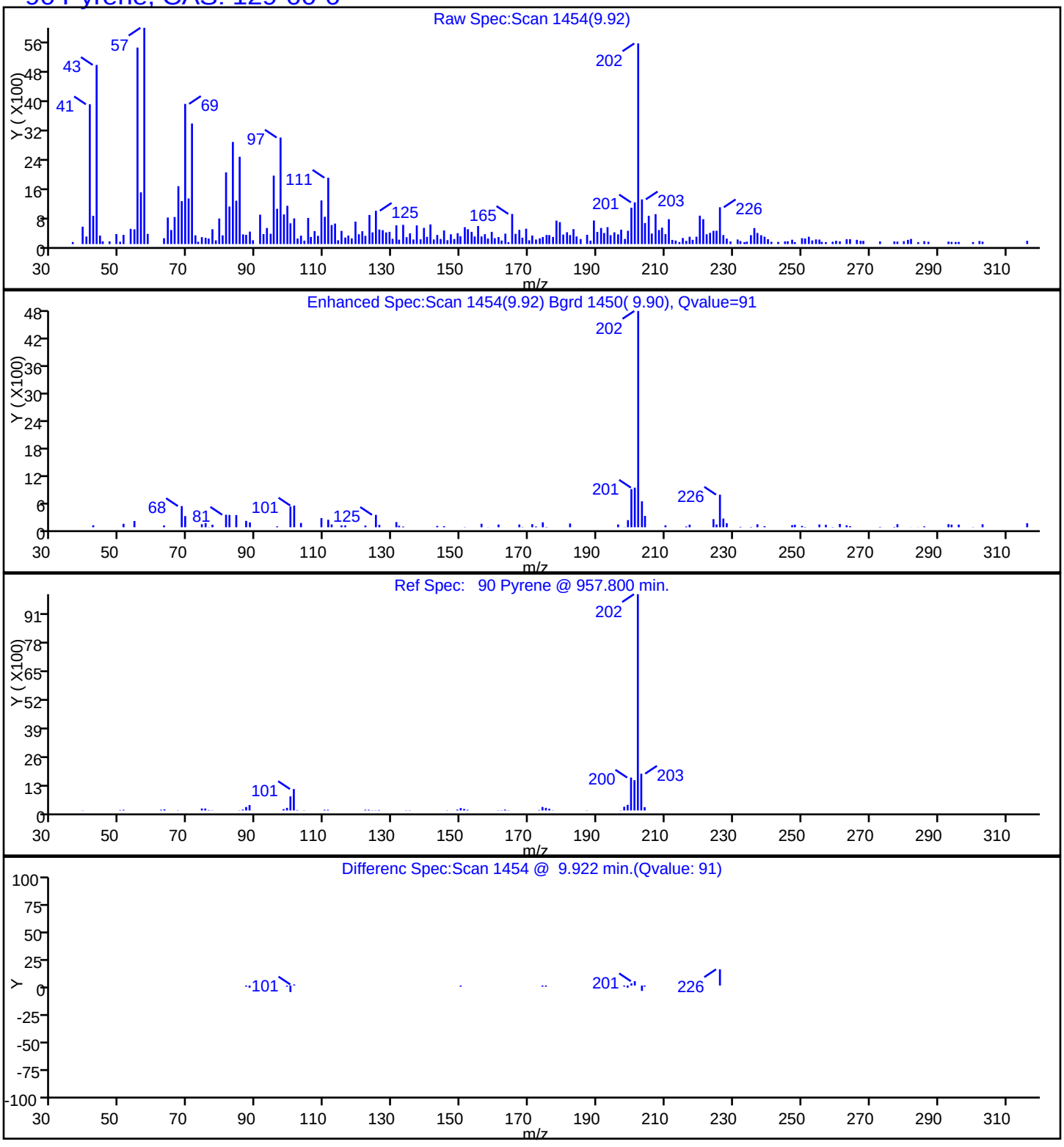
Report Date: 14-Mar-2014 16:21:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D

Injection Date:	14-Mar-2014 15:22:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-33-C	Lab Sample ID:	460-72174-33		
Client ID:	PMP-7SW-SI				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Pyrene, CAS: 129-00-0



Report Date: 14-Mar-2014 16:21:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D

Injection Date: 14-Mar-2014 15:22:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-33-C Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

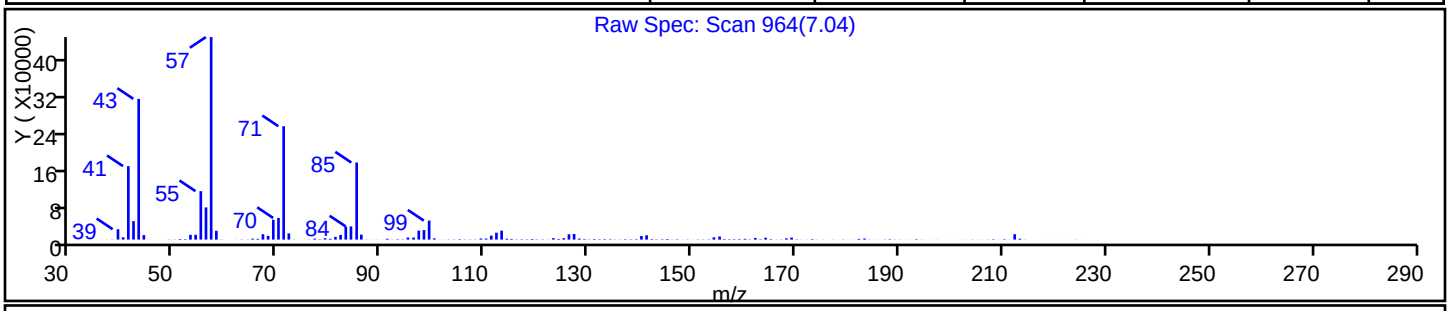
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

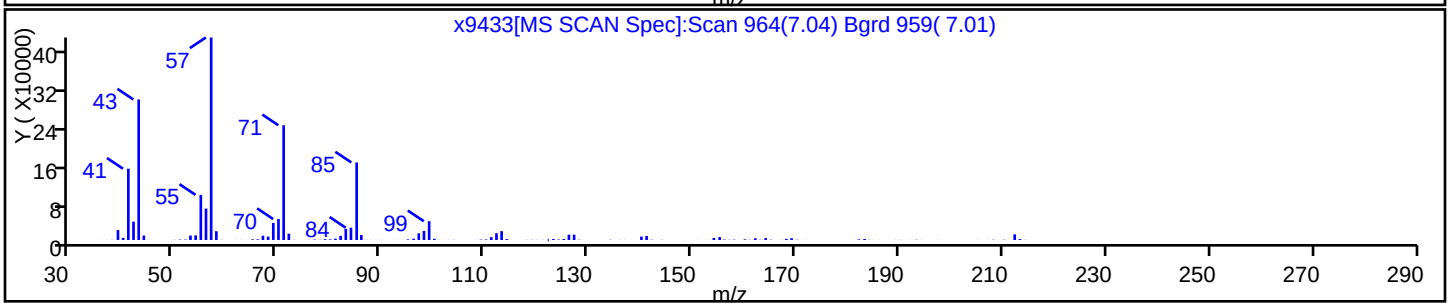
Injection Vol: 1.0 ul Dil. Factor: 5.0000

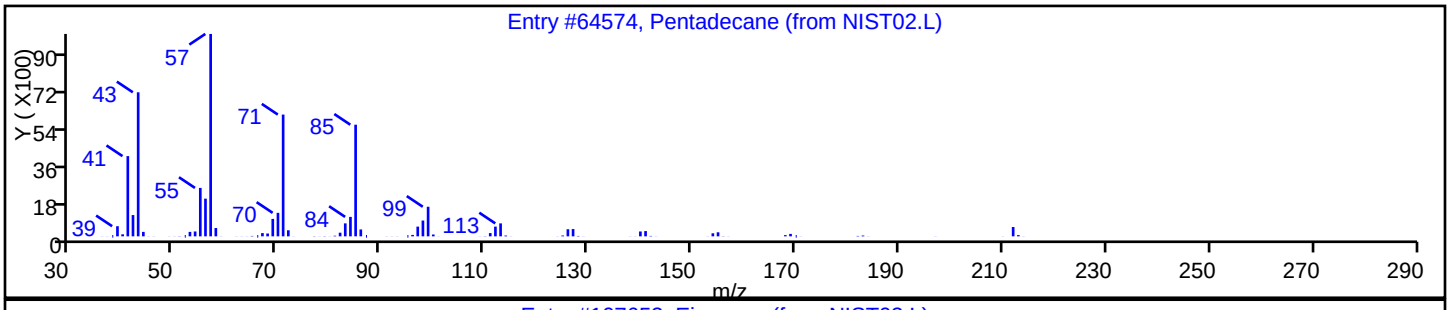
Method: 8270_5R Limit Group: SV 8270 ICAL

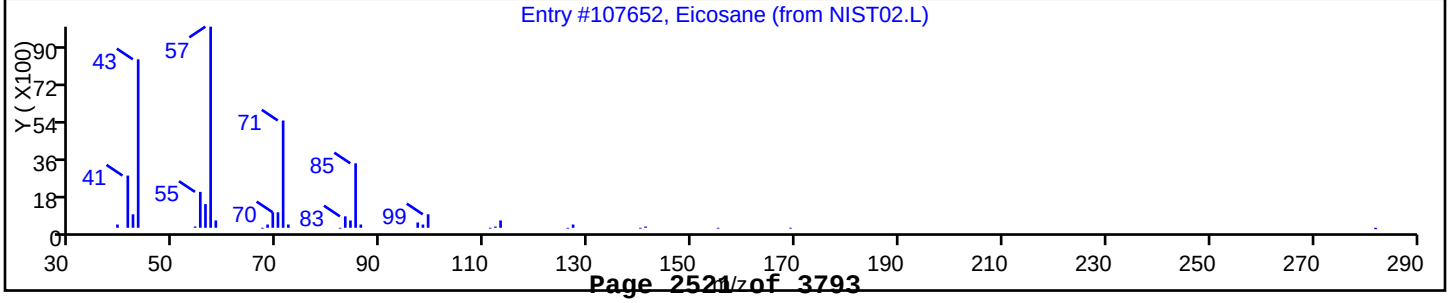
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Pentadecane	629-62-9	NIST02.L	64574	C15H32	212	96
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91









Report Date: 14-Mar-2014 16:21:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D

Injection Date: 14-Mar-2014 15:22:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-33-C Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

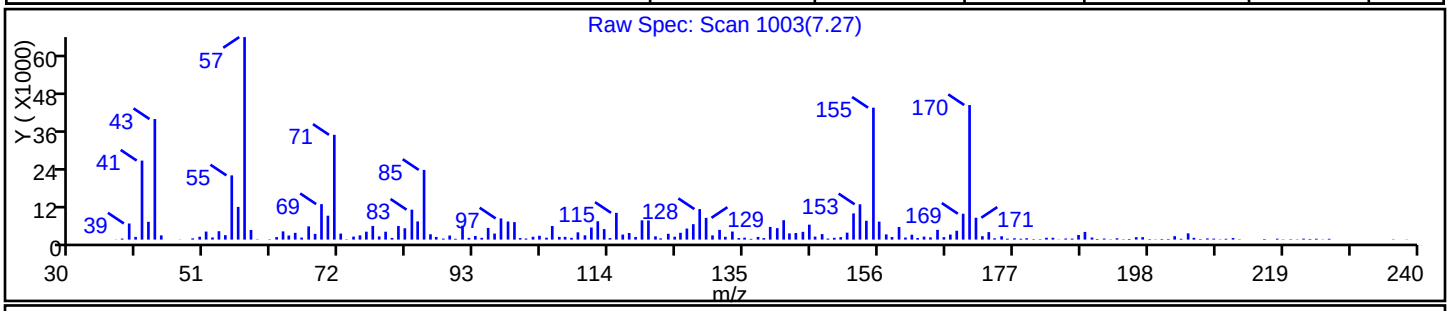
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

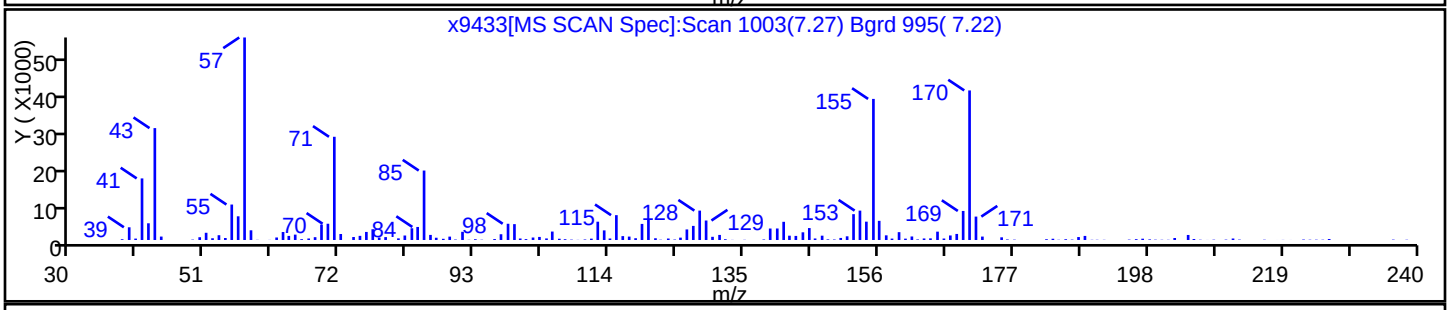
Injection Vol: 1.0 ul Dil. Factor: 5.0000

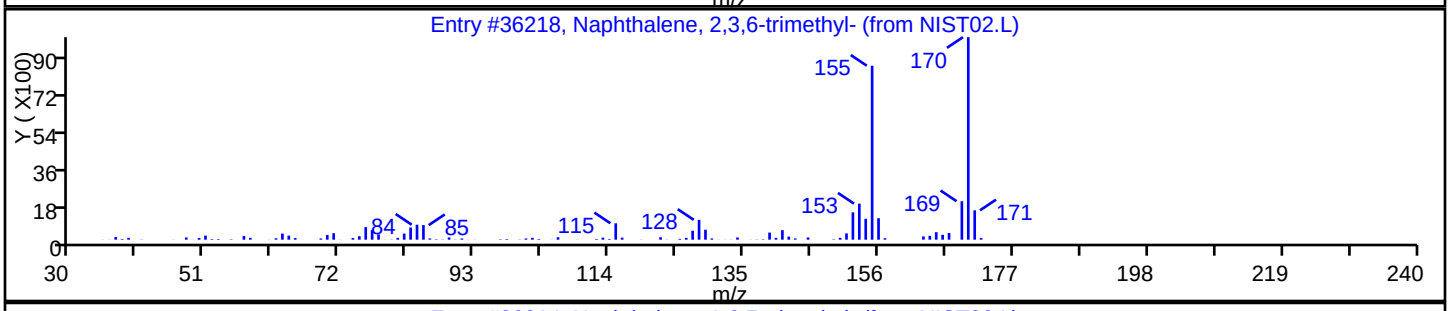
Method: 8270_5R Limit Group: SV 8270 ICAL

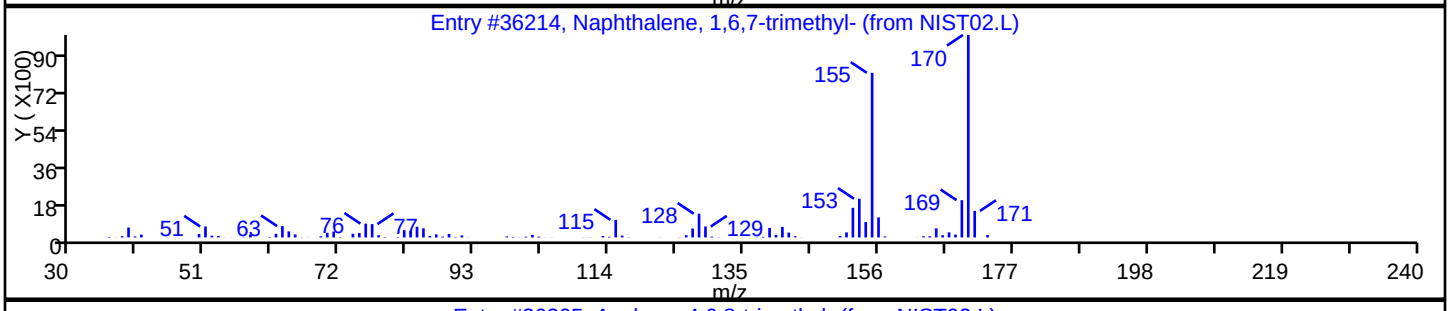
Column: Detector MS SCAN

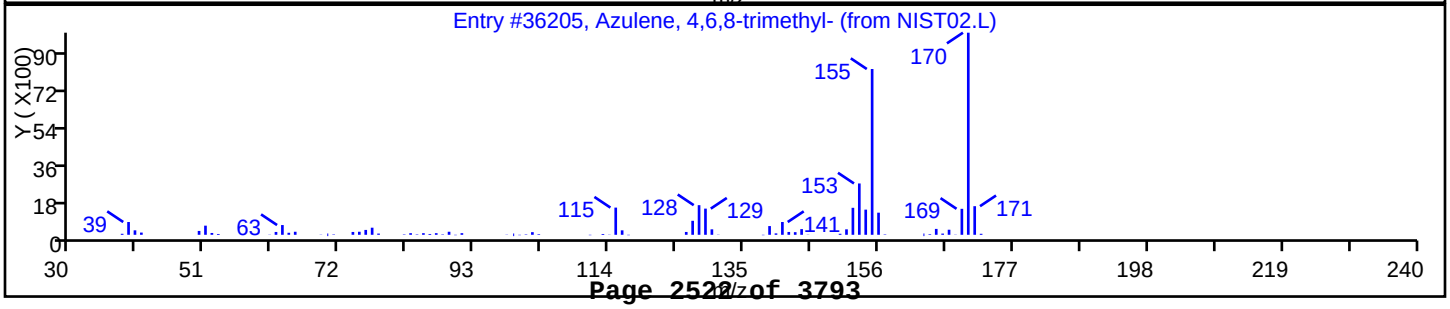
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36218	C13H14	170	96
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36214	C13H14	170	96
Azulene, 4,6,8-trimethyl-	941-81-1	NIST02.L	36205	C13H14	170	95











Report Date: 14-Mar-2014 16:21:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D

Injection Date: 14-Mar-2014 15:22:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-33-C Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

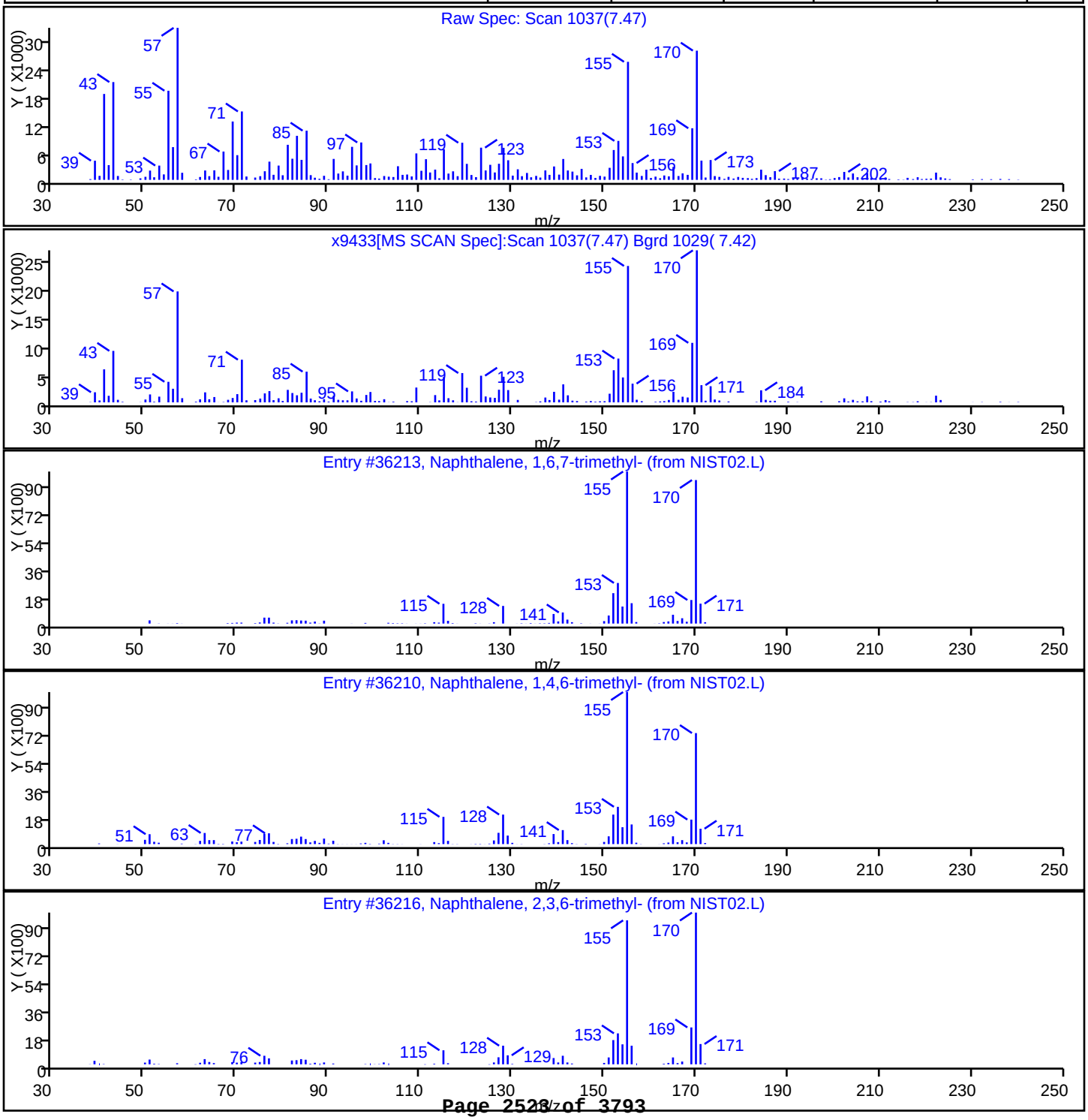
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36213	C13H14	170	96
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.L	36210	C13H14	170	91
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36216	C13H14	170	89



Report Date: 14-Mar-2014 16:21:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D

Injection Date: 14-Mar-2014 15:22:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-33-C Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

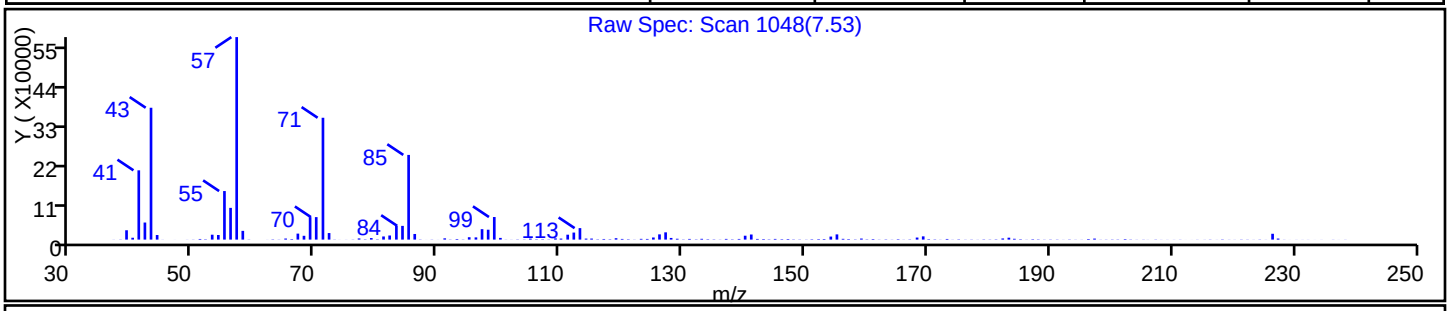
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

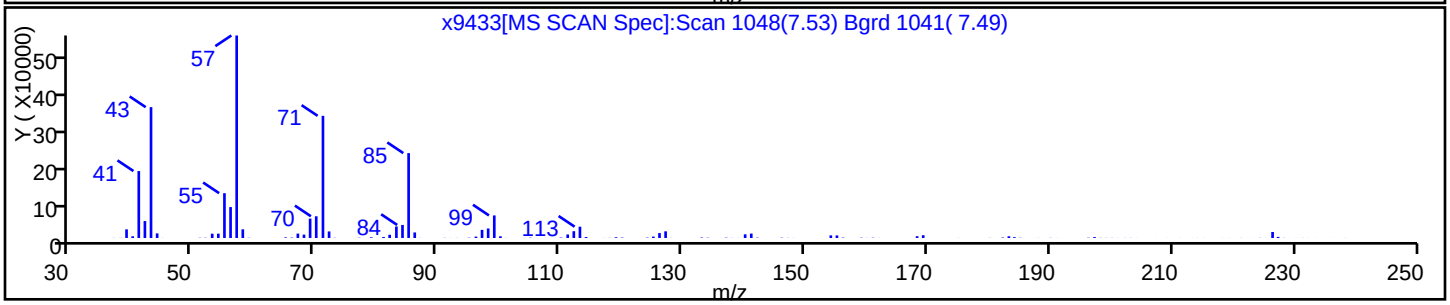
Injection Vol: 1.0 ul Dil. Factor: 5.0000

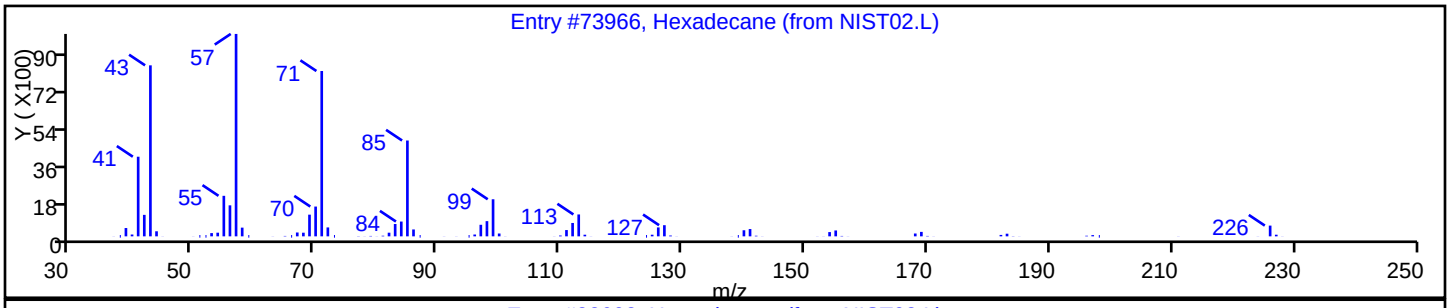
Method: 8270_5R Limit Group: SV 8270 ICAL

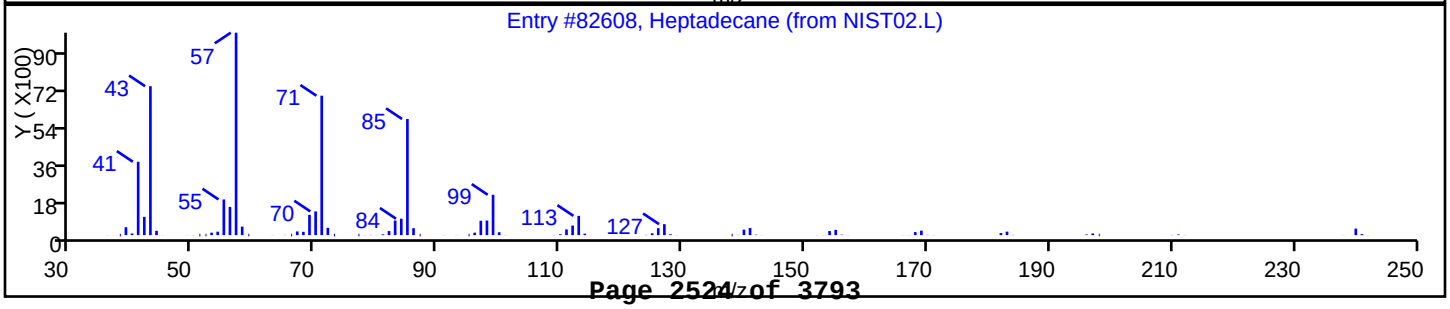
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane	544-76-3	NIST02.L	73966	C16H34	226	96
Heptadecane	629-78-7	NIST02.L	82608	C17H36	240	87









Report Date: 14-Mar-2014 16:21:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D

Injection Date: 14-Mar-2014 15:22:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-33-C Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

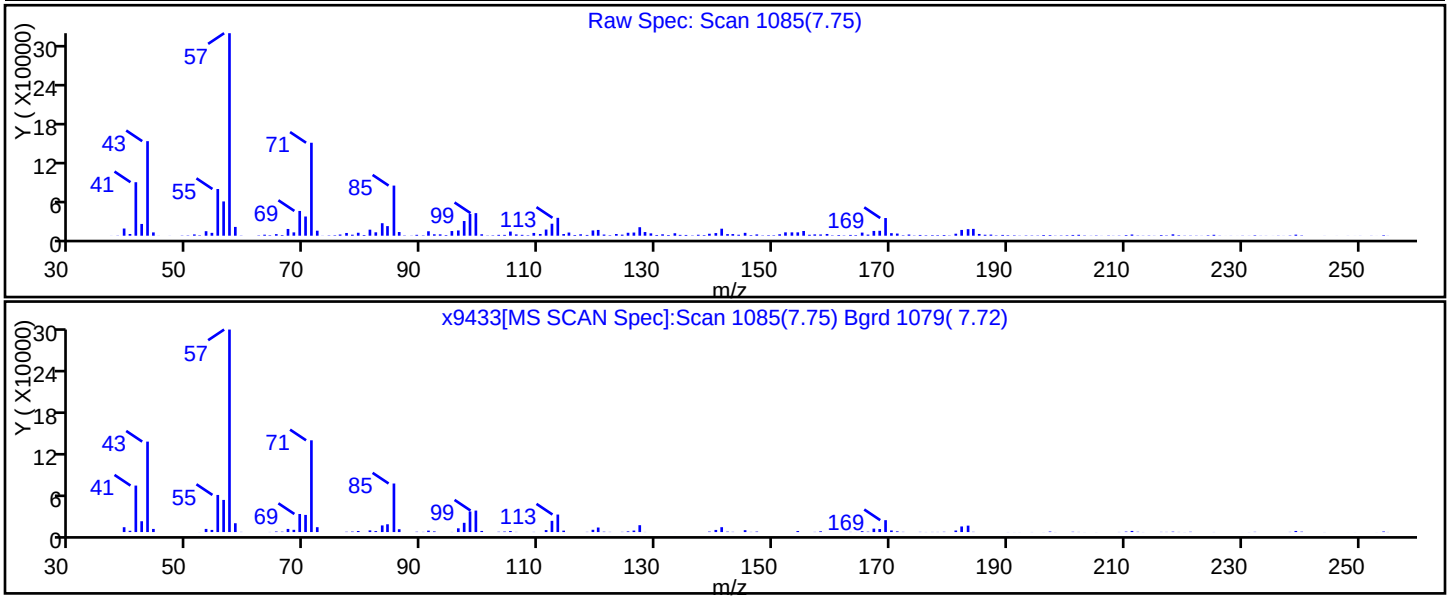
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

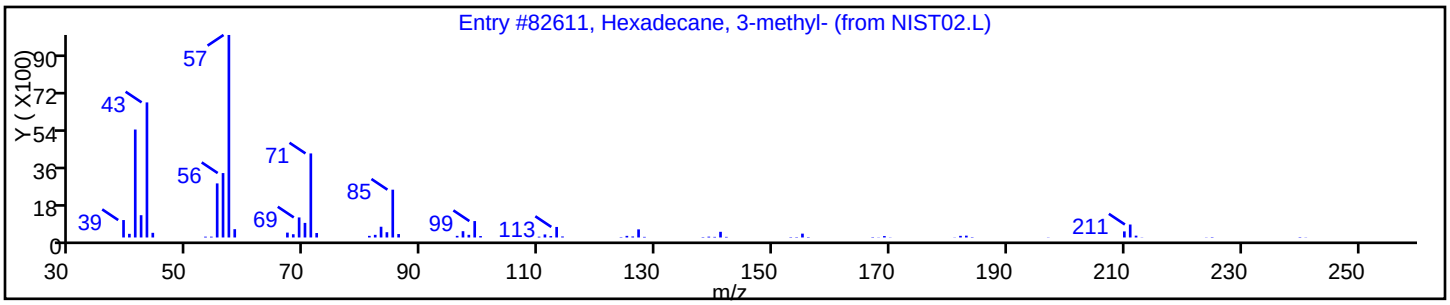
Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane, 3-methyl-	6418-43-5	NIST02.L	82611	C17H36	240	83





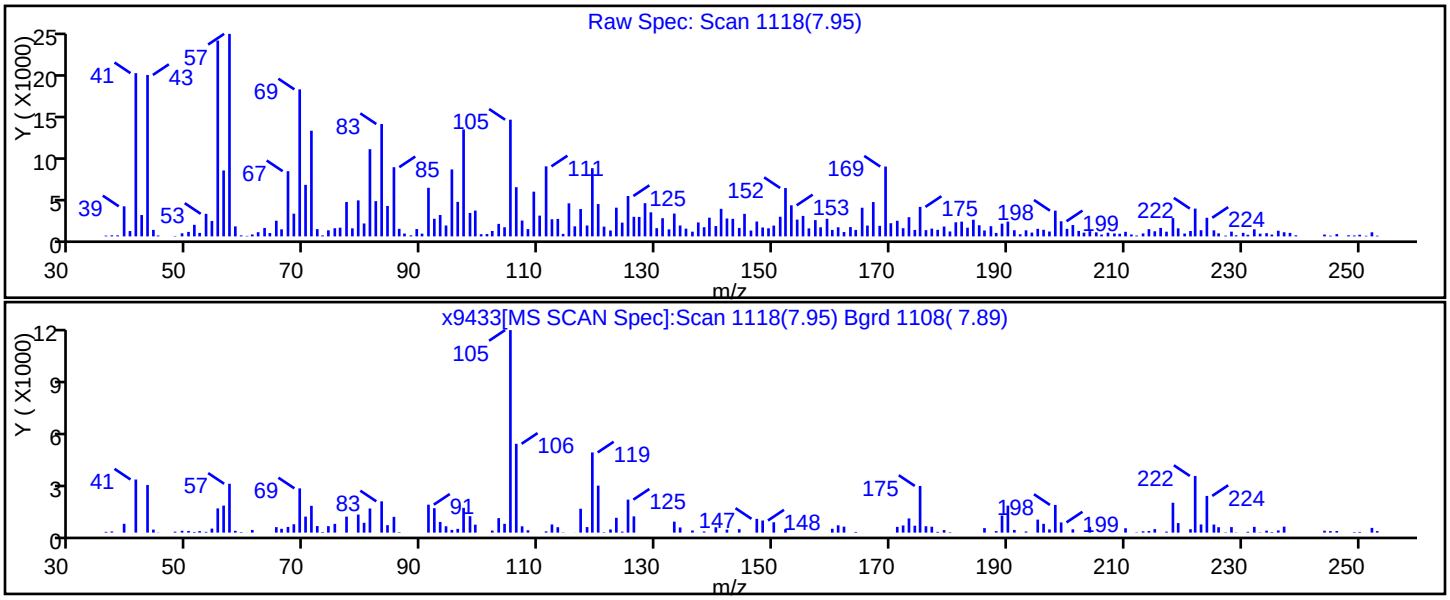
Report Date: 14-Mar-2014 16:21:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D

Injection Date:	14-Mar-2014 15:22:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-33-C	Lab Sample ID:	460-72174-33		
Client ID:	PMP-7SW-SI				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 14-Mar-2014 16:21:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D

Injection Date: 14-Mar-2014 15:22:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-33-C Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

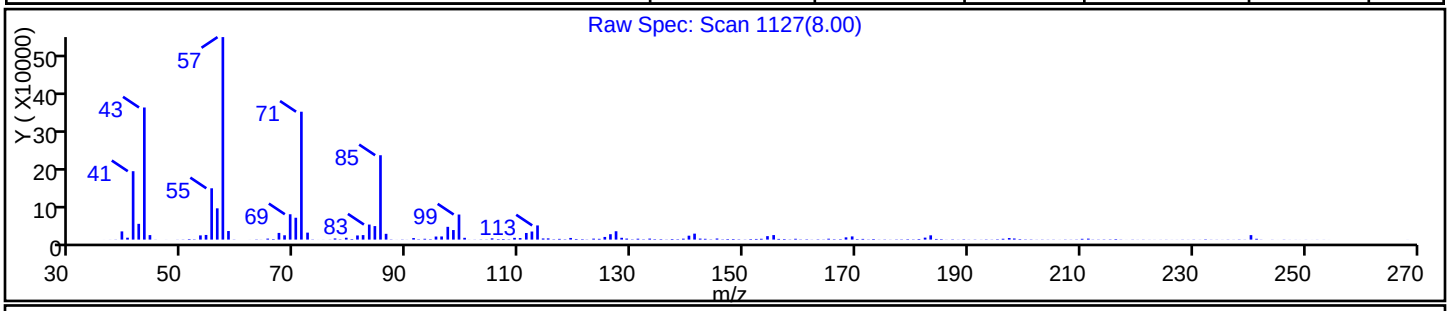
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

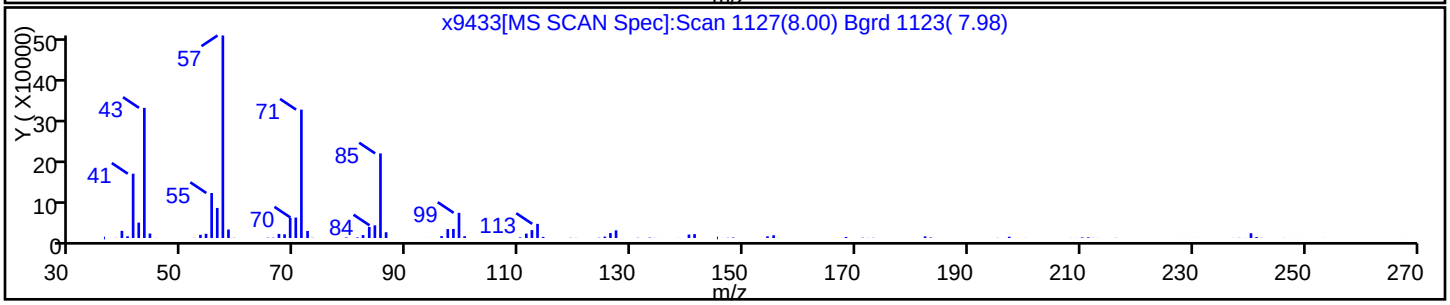
Injection Vol: 1.0 ul Dil. Factor: 5.0000

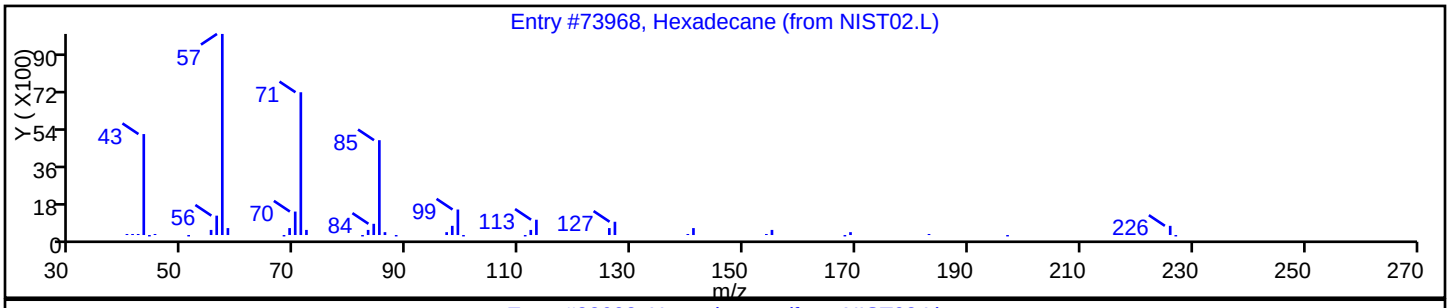
Method: 8270_5R Limit Group: SV 8270 ICAL

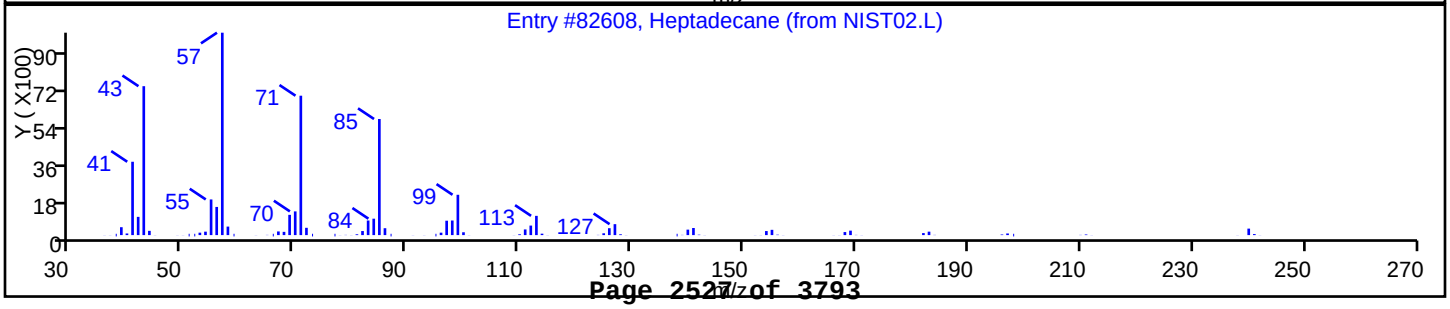
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane	544-76-3	NIST02.L	73968	C16H34	226	97
Heptadecane	629-78-7	NIST02.L	82608	C17H36	240	96









Report Date: 14-Mar-2014 16:21:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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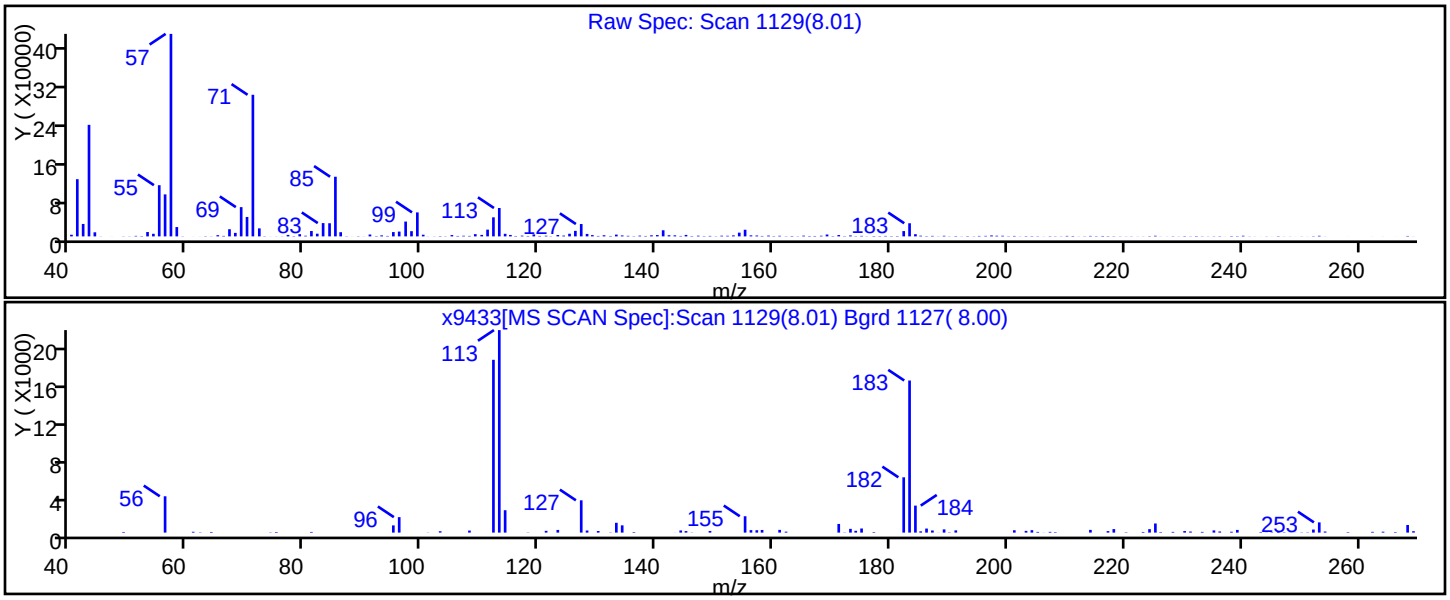
Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D

Injection Date:	14-Mar-2014 15:22:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-33-C	Lab Sample ID:	460-72174-33		
Client ID:	PMP-7SW-SI				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



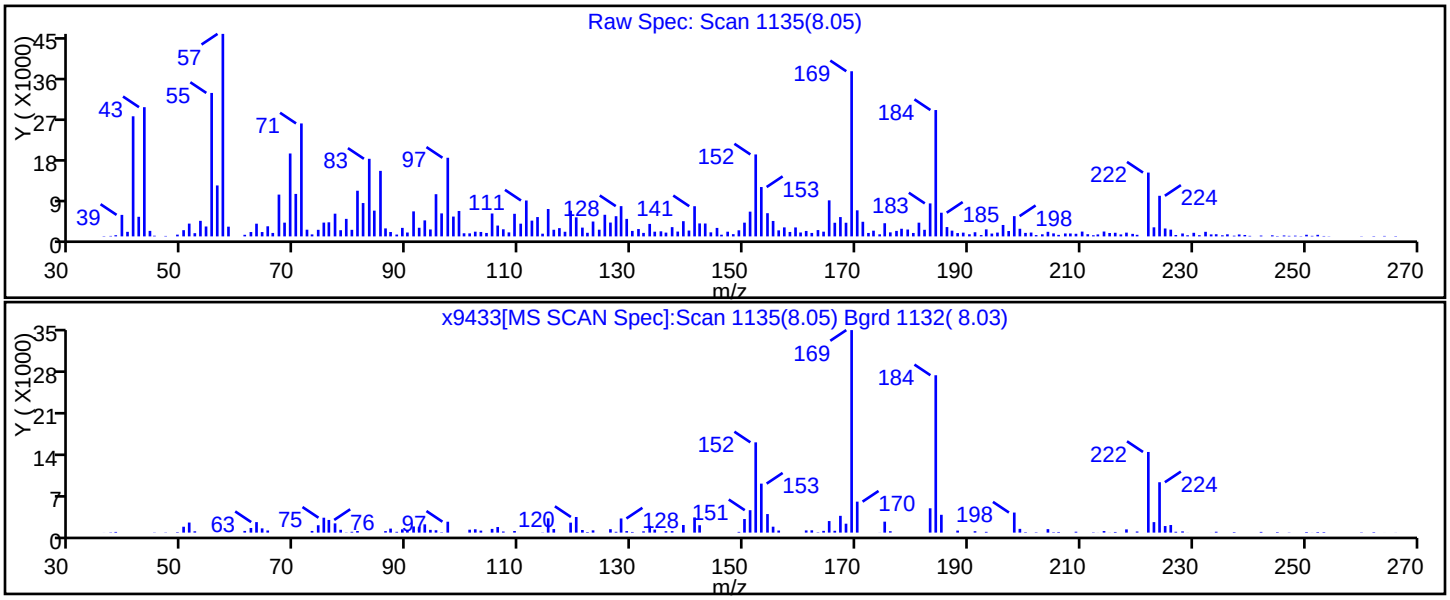
Report Date: 14-Mar-2014 16:21:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D

Injection Date:	14-Mar-2014 15:22:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-33-C	Lab Sample ID:	460-72174-33		
Client ID:	PMP-7SW-SI				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 14-Mar-2014 16:21:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D

Injection Date: 14-Mar-2014 15:22:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-33-C Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

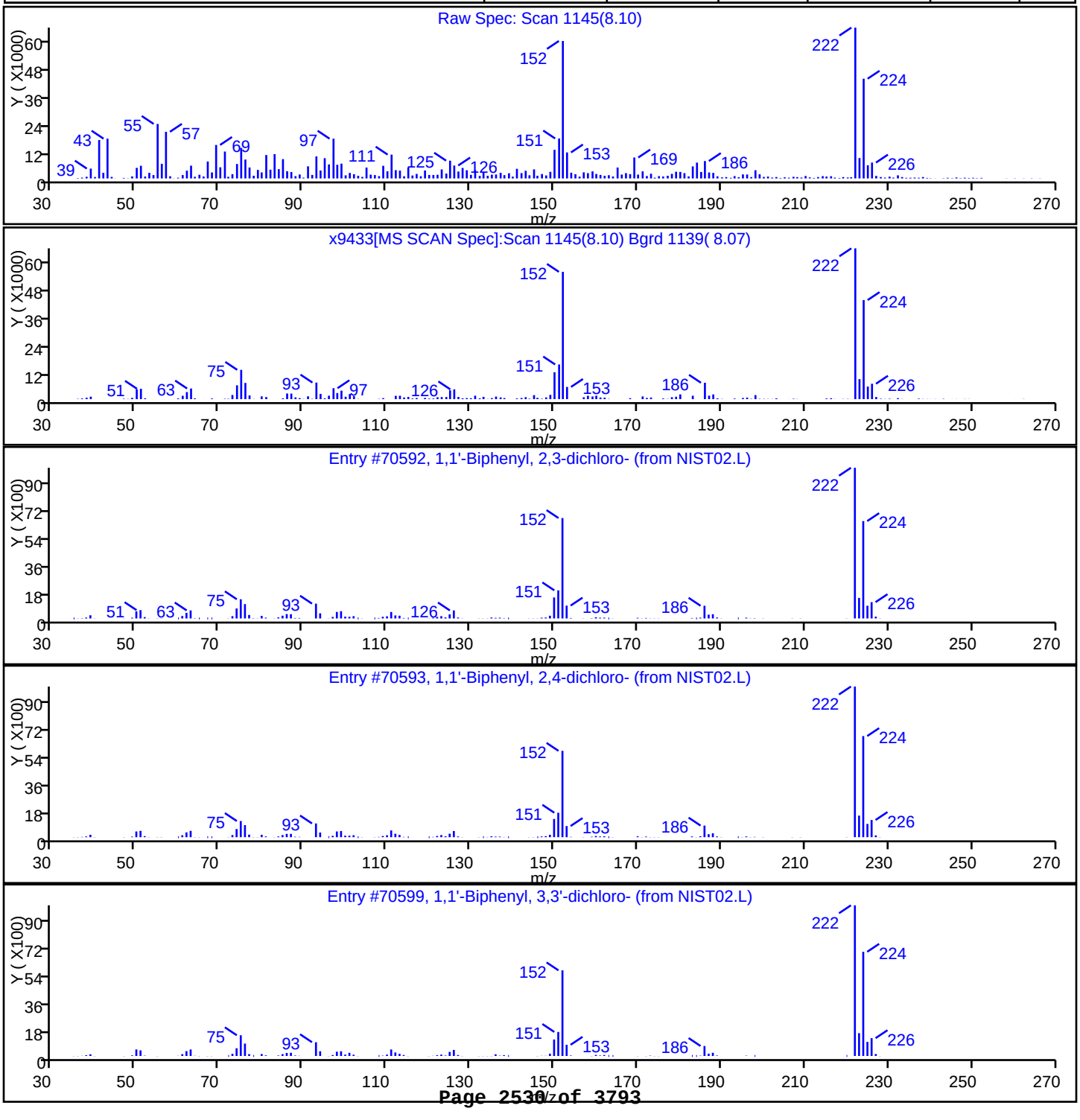
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.L	70592	C12H8Cl2	222	99
1,1'-Biphenyl, 2,4-dichloro-	33284-50-3	NIST02.L	70593	C12H8Cl2	222	98
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.L	70599	C12H8Cl2	222	97



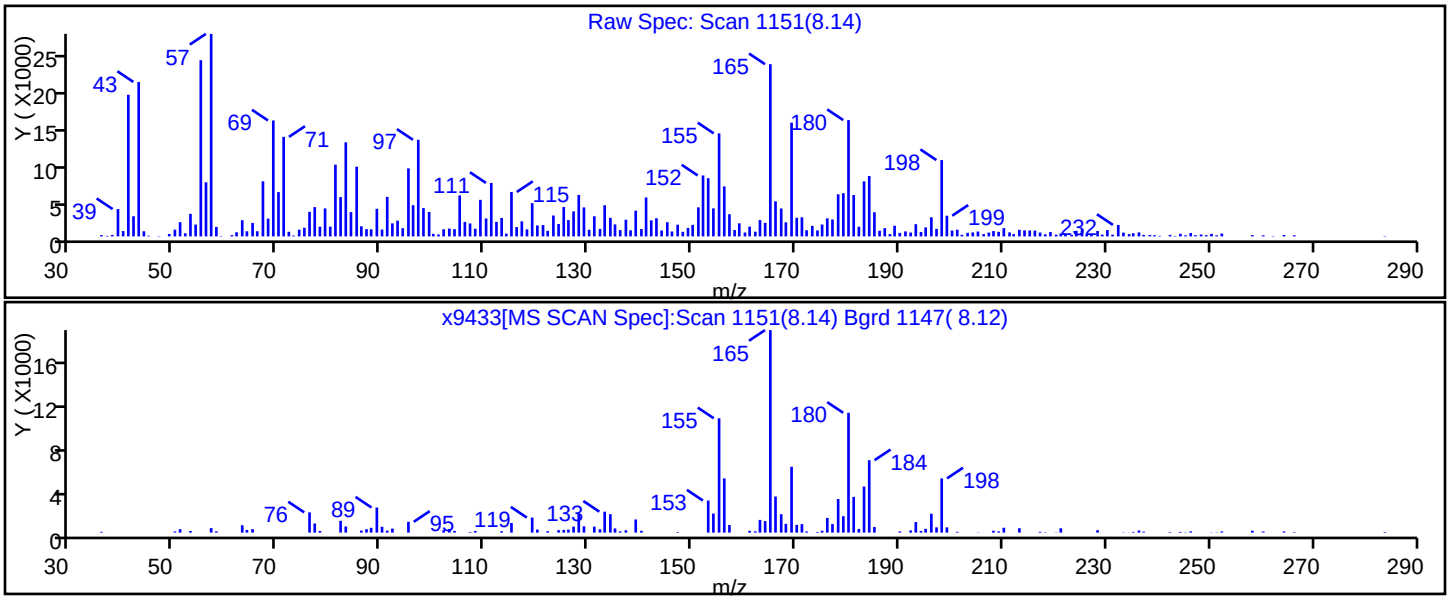
Report Date: 14-Mar-2014 16:21:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D

Injection Date:	14-Mar-2014 15:22:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-33-C	Lab Sample ID:	460-72174-33		
Client ID:	PMP-7SW-SI				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 14-Mar-2014 16:21:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D

Injection Date: 14-Mar-2014 15:22:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-33-C Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

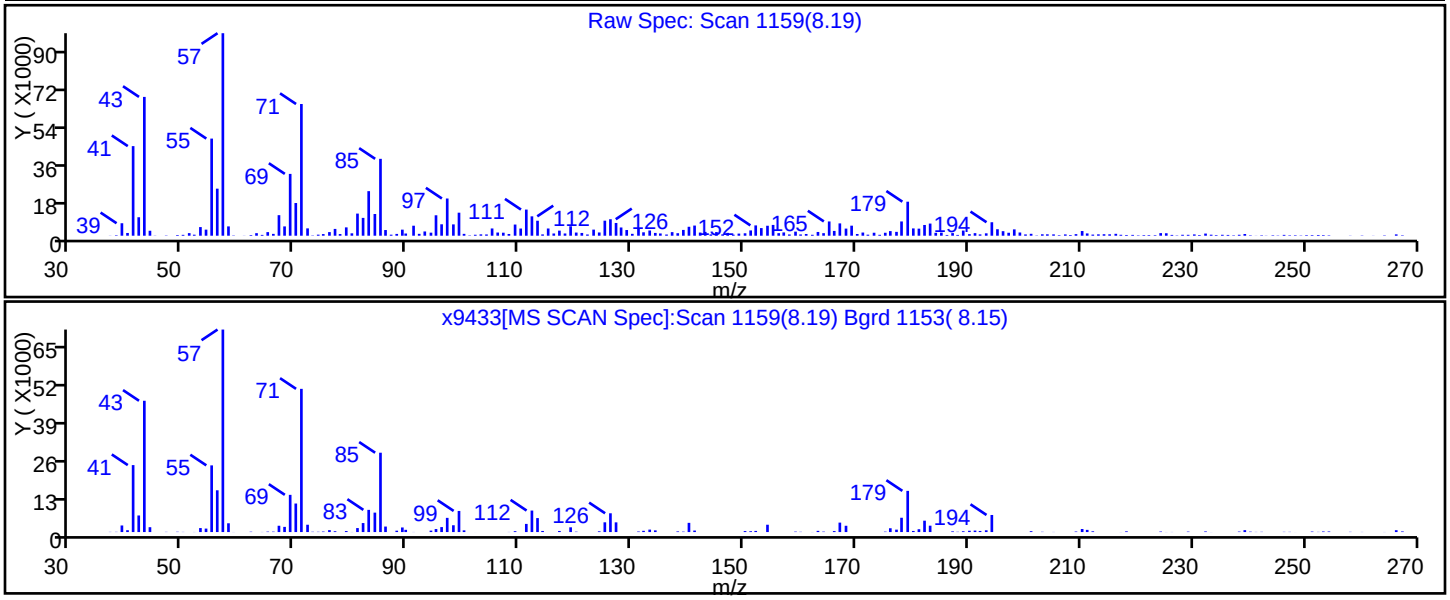
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

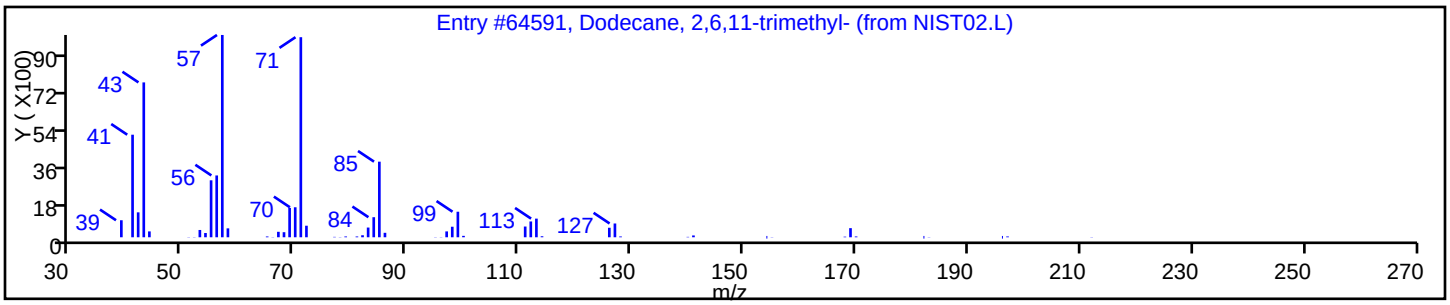
Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64591	C15H32	212	91





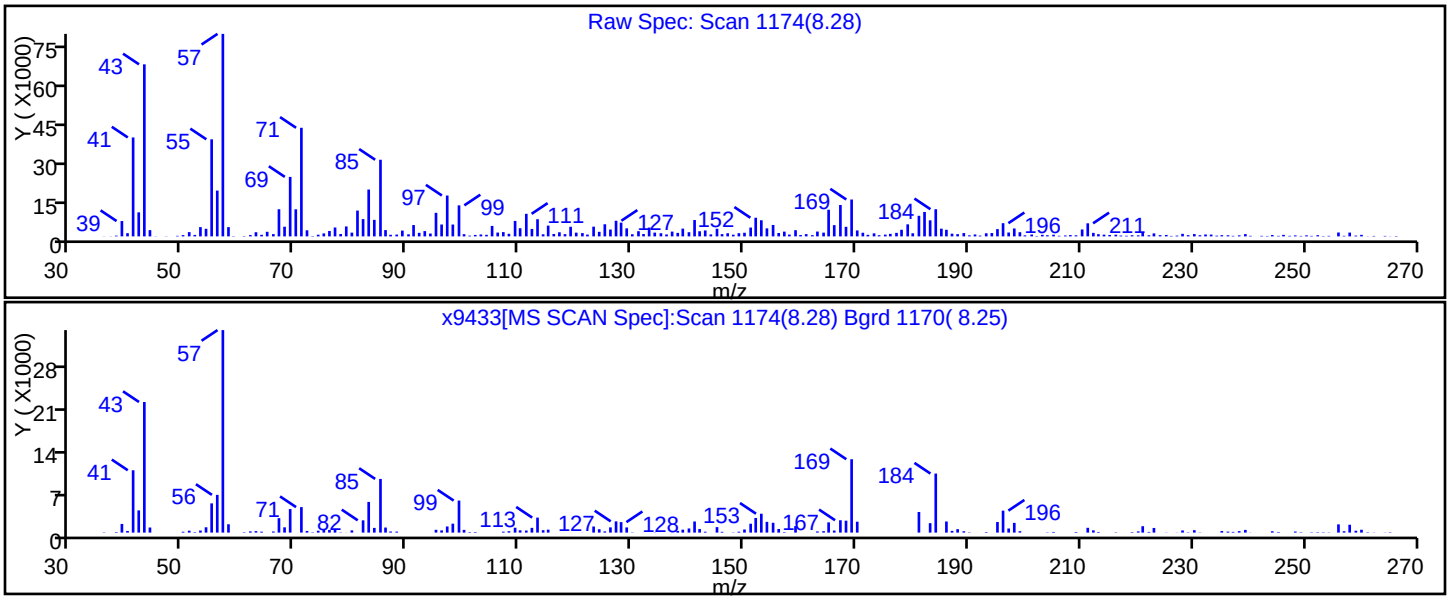
Report Date: 14-Mar-2014 16:21:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D

Injection Date:	14-Mar-2014 15:22:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-33-C	Lab Sample ID:	460-72174-33		
Client ID:	PMP-7SW-SI				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 14-Mar-2014 16:21:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D

Injection Date: 14-Mar-2014 15:22:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-33-C Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

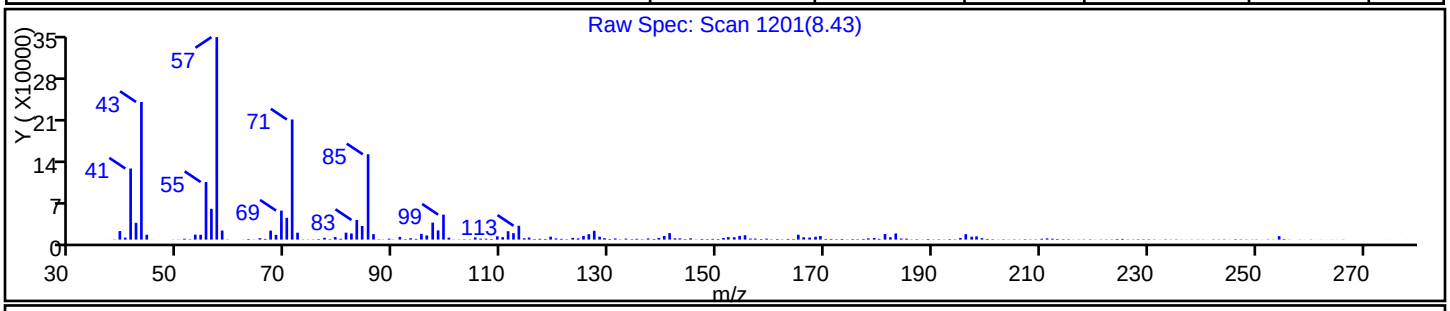
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

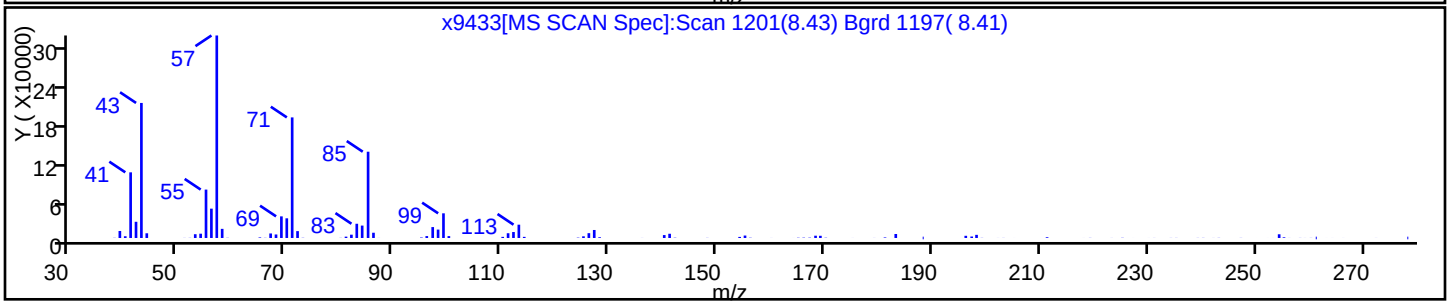
Injection Vol: 1.0 ul Dil. Factor: 5.0000

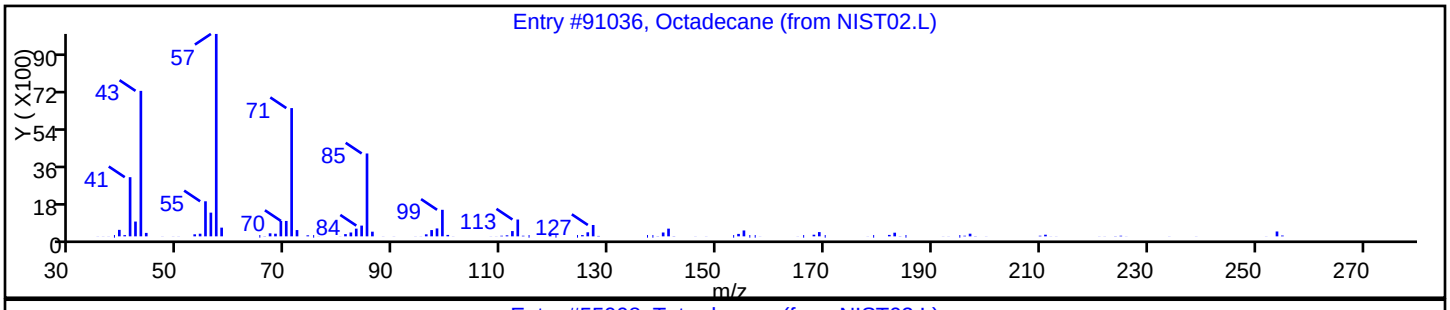
Method: 8270_5R Limit Group: SV 8270 ICAL

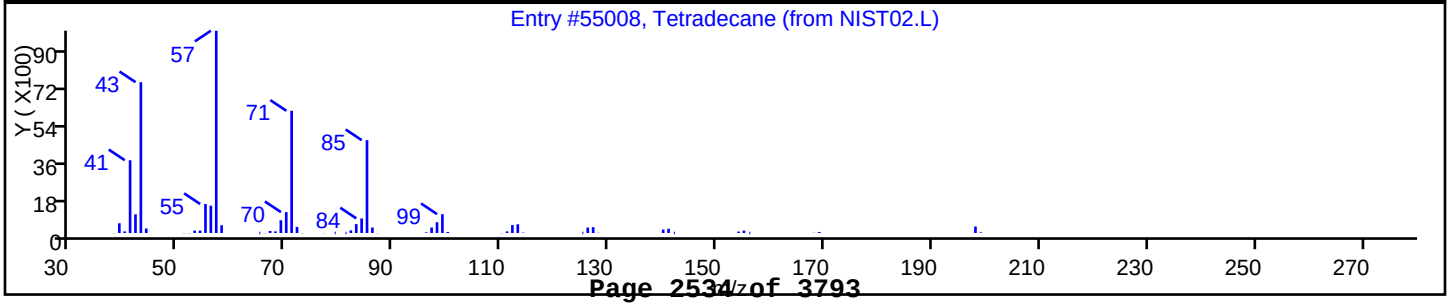
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Octadecane	593-45-3	NIST02.L	91036	C18H38	254	91
Tetradecane	629-59-4	NIST02.L	55008	C14H30	198	91









Report Date: 14-Mar-2014 16:21:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D

Injection Date: 14-Mar-2014 15:22:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-33-C Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

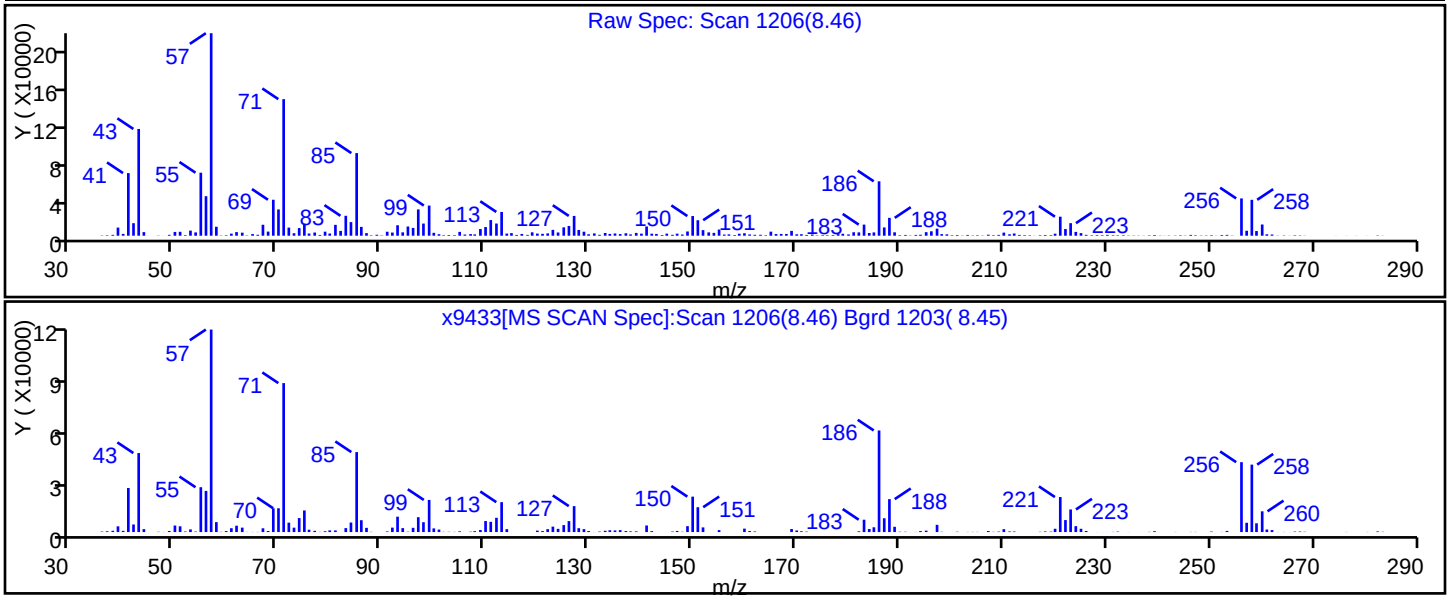
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

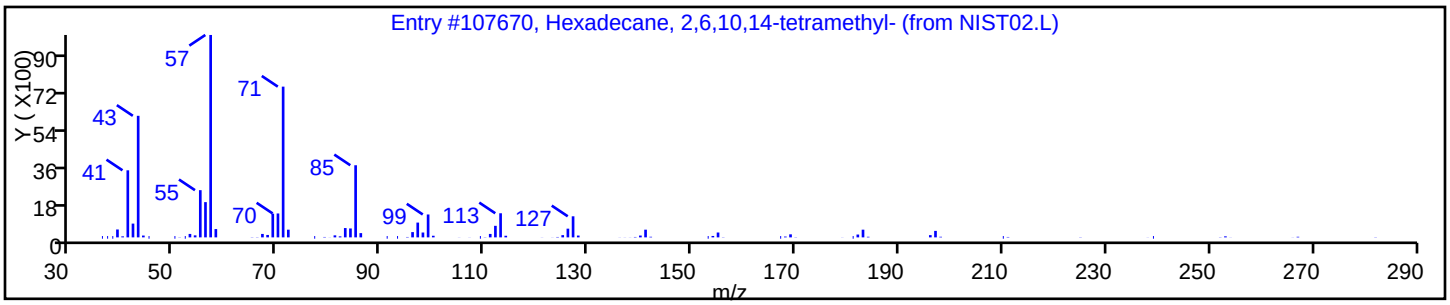
Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	C20H42	282	95





Report Date: 14-Mar-2014 16:21:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D

Injection Date: 14-Mar-2014 15:22:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-33-C Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

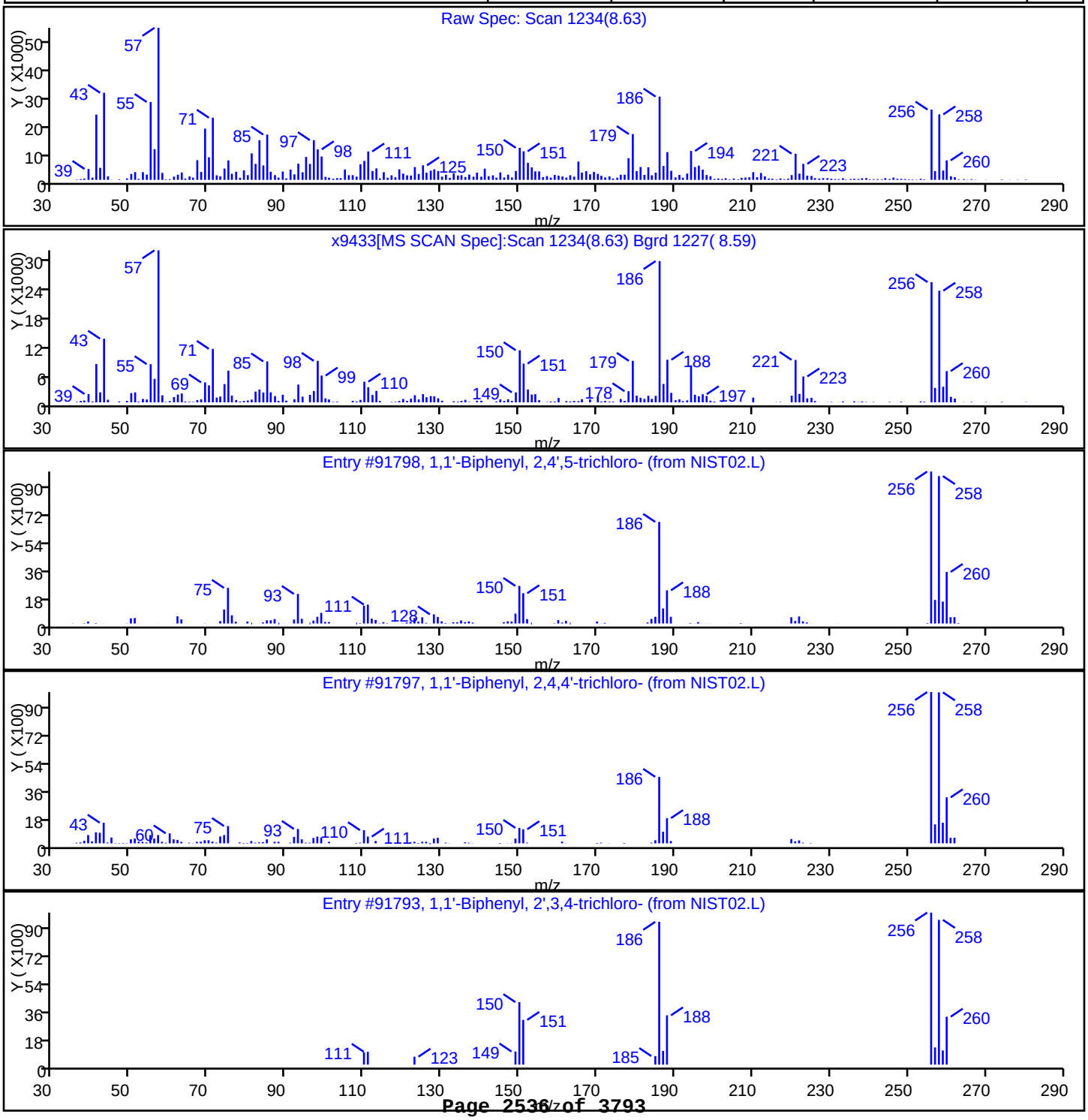
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91798	C12H7Cl3	256	98
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91797	C12H7Cl3	256	97
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	97



Report Date: 14-Mar-2014 16:21:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D

Injection Date: 14-Mar-2014 15:22:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-33-C Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

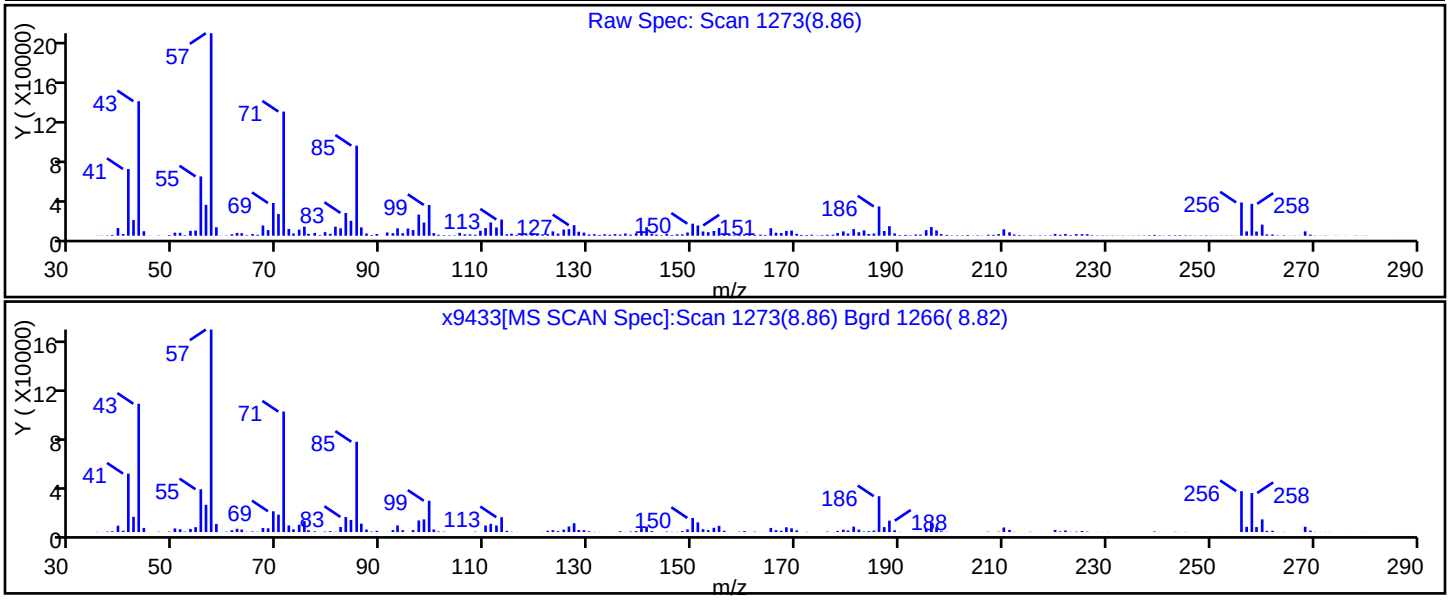
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

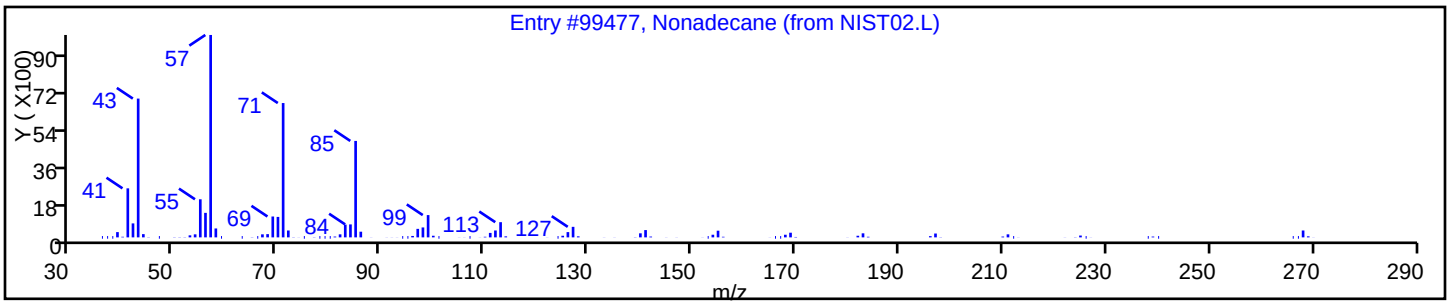
Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Nonadecane	629-92-5	NIST02.L	99477	C19H40	268	95





Report Date: 14-Mar-2014 16:21:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D

Injection Date: 14-Mar-2014 15:22:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-33-C Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

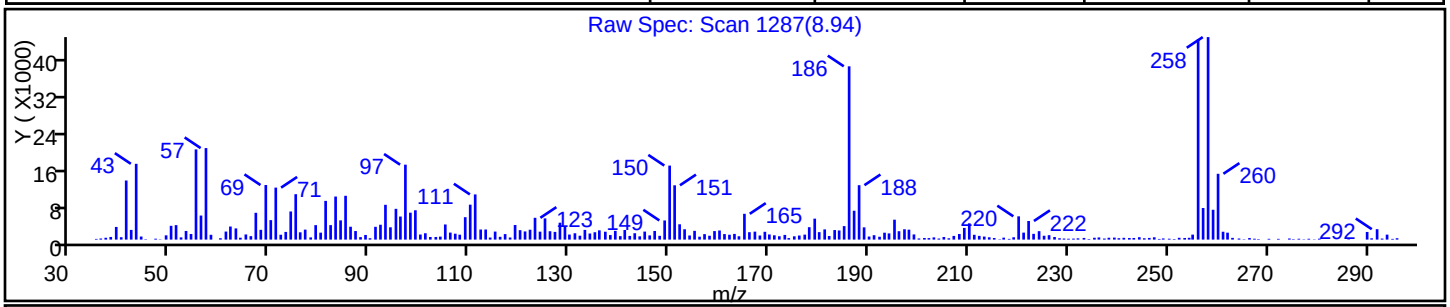
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

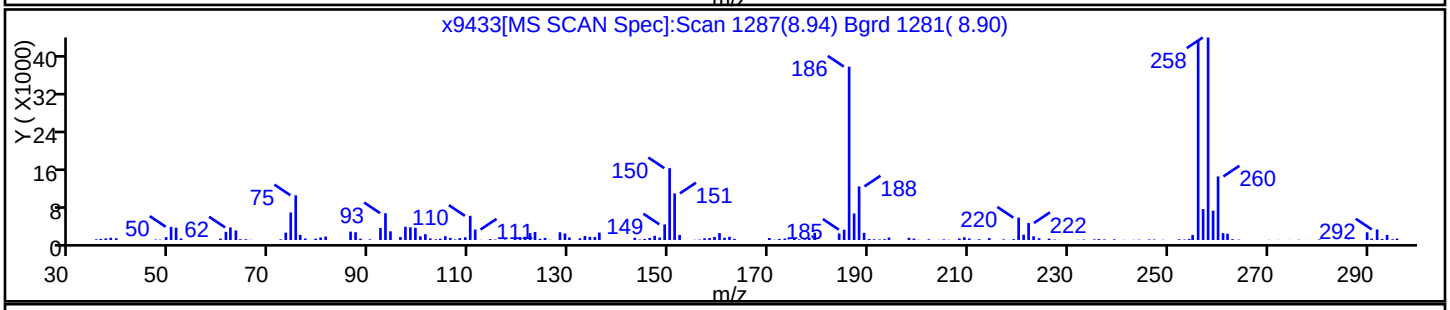
Injection Vol: 1.0 ul Dil. Factor: 5.0000

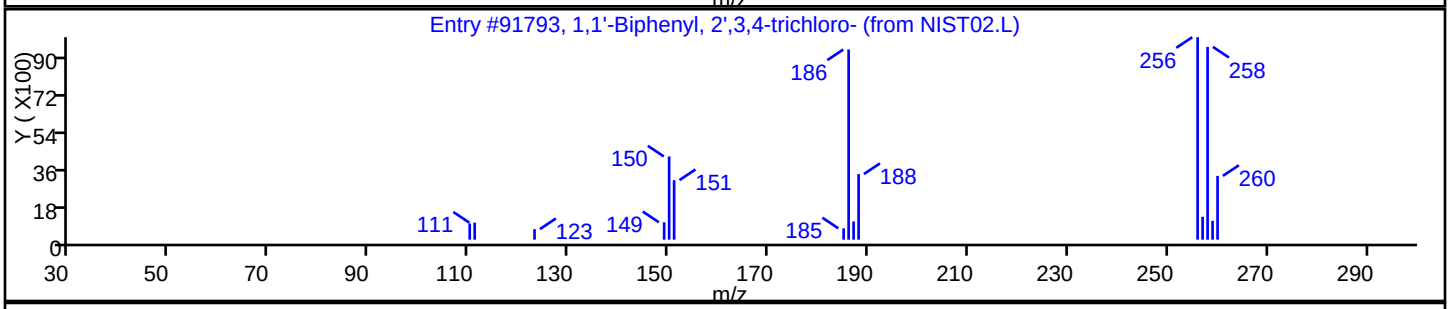
Method: 8270_5R Limit Group: SV 8270 ICAL

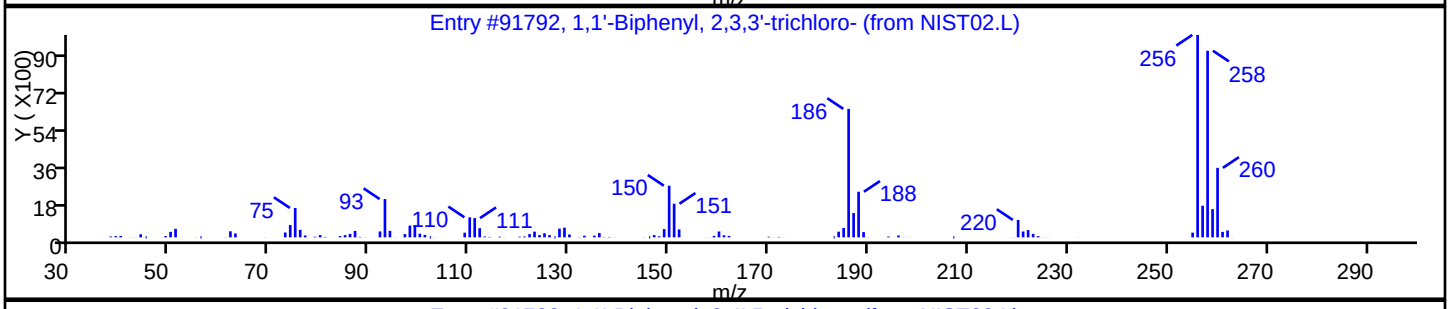
Column: Detector MS SCAN

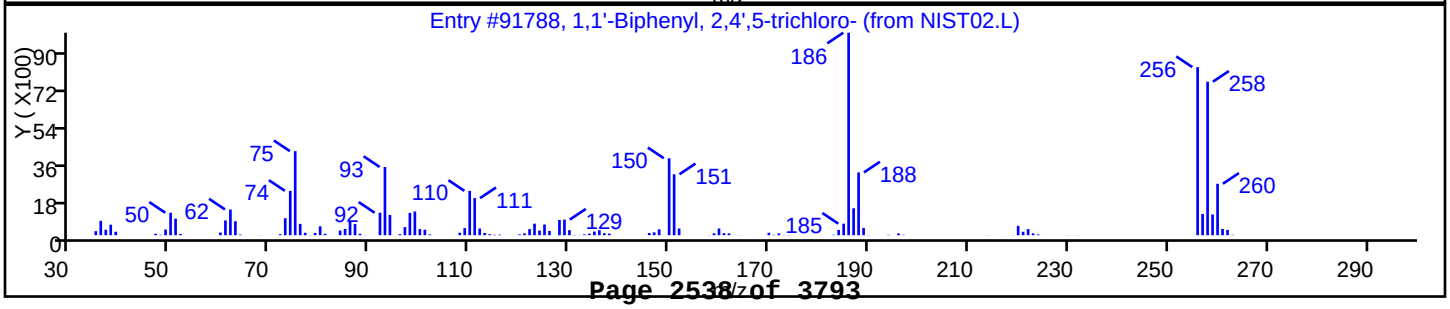
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	96
1,1'-Biphenyl, 2,3,3'-trichloro-	38444-84-7	NIST02.L	91792	C12H7Cl3	256	96
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	95











Report Date: 14-Mar-2014 16:21:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D

Injection Date: 14-Mar-2014 15:22:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-33-C Lab Sample ID: 460-72174-33

Client ID: PMP-7SW-SI

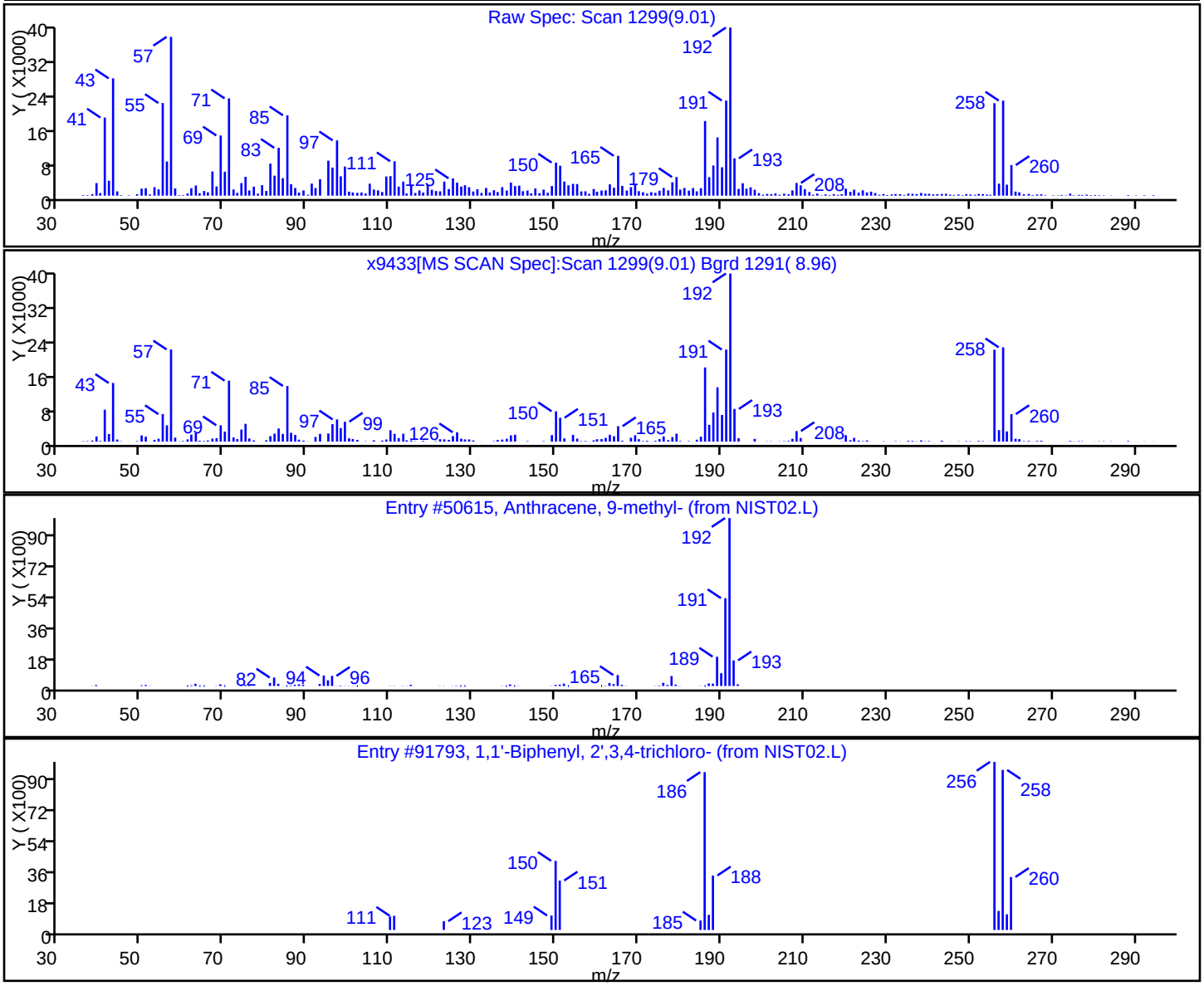
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Anthracene, 9-methyl-	779-02-2	NIST02.L	50615	C15H12	192	83
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	83



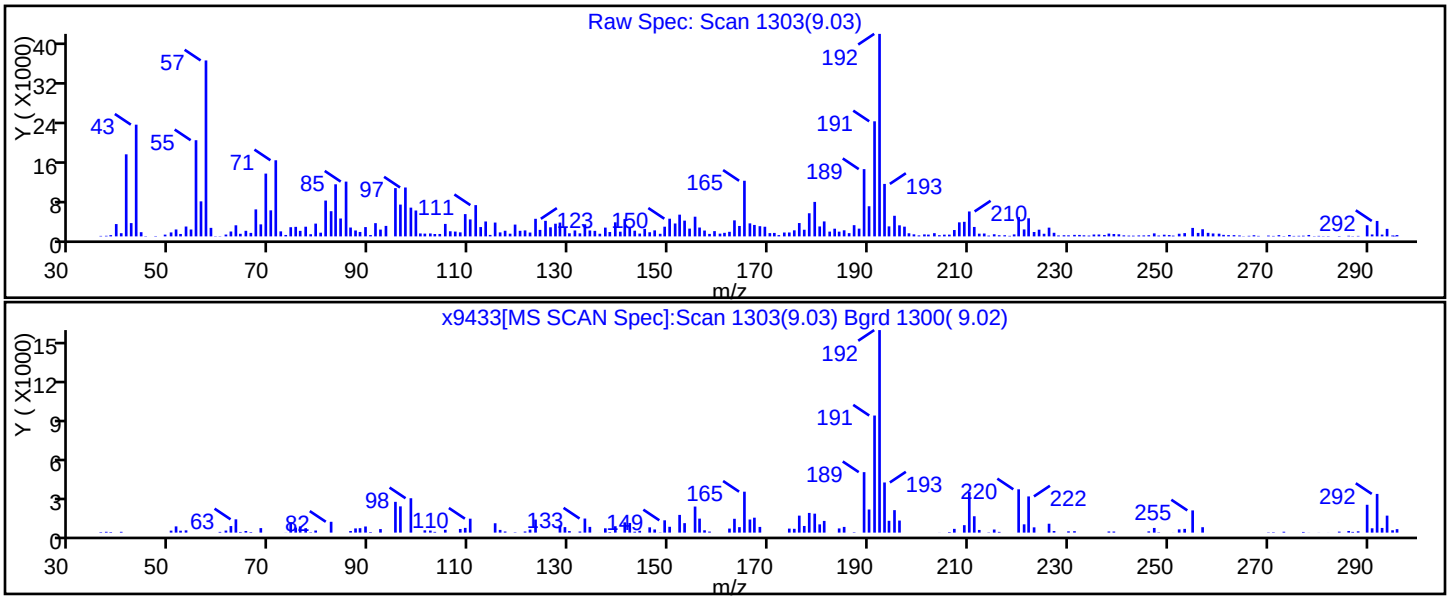
Report Date: 14-Mar-2014 16:21:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9433.D

Injection Date:	14-Mar-2014 15:22:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-33-C	Lab Sample ID:	460-72174-33		
Client ID:	PMP-7SW-SI				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-VD | Lab Sample ID: 460-72174-34

Matrix: Solid | Lab File ID: L1147866.D

Analysis Method: 8270C | Date Collected: 03/06/2014 14:40

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/11/2014 19:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	60	U	350	60
106-44-5	4-Methylphenol	69	U	350	69
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	54	U	350	54
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.9	U	35	5.9
98-95-3	Nitrobenzene	5.0	U *	35	5.0
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	42	U	350	42
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	86	U	350	86
120-83-2	2,4-Dichlorophenol	51	U	350	51
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
91-20-3	Naphthalene	41	U	350	41
106-47-8	4-Chloroaniline	93	U	350	93
87-68-3	Hexachlorobutadiene	8.6	U	71	8.6
105-60-2	Caprolactam	81	U	350	81
59-50-7	4-Chloro-3-methylphenol	53	U	350	53
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	45	U	350	45
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	150	U	710	150
606-20-2	2,6-Dinitrotoluene	11	U	71	11
131-11-3	Dimethyl phthalate	42	U	350	42
208-96-8	Acenaphthylene	41	U	350	41
99-09-2	3-Nitroaniline	120	U	710	120
83-32-9	Acenaphthene	51	U	350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-VD | Lab Sample ID: 460-72174-34

Matrix: Solid | Lab File ID: L1147866.D

Analysis Method: 8270C | Date Collected: 03/06/2014 14:40

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/11/2014 19:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	42	U	350	42
86-73-7	Fluorene	45	U	350	45
206-44-0	Fluoranthene	47	U	350	47
84-74-2	Di-n-butyl phthalate	43	U	350	43
121-14-2	2,4-Dinitrotoluene	12	U	71	12
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
534-52-1	4,6-Dinitro-2-methylphenol	95	U	1100	95
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	54	U	350	54
120-12-7	Anthracene	43	U	350	43
86-74-8	Carbazole	41	U	350	41
85-01-8	Phenanthrene	45	U	350	45
87-86-5	Pentachlorophenol	100	U	1100	100
129-00-0	Pyrene	29	U	350	29
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.7	U	35	2.7
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
86-30-6	N-Nitrosodiphenylamine	35	U	350	35
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	22	U	350	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	710	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	350	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-VD Lab Sample ID: 460-72174-34

Matrix: Solid Lab File ID: L1147866.D

Analysis Method: 8270C Date Collected: 03/06/2014 14:40

Extract. Method: 3541 Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.00(g) Date Analyzed: 03/11/2014 19:16

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	97		40-106
4165-62-2	Phenol-d5	93		44-104
1718-51-0	Terphenyl-d14	112		41-145
118-79-6	2,4,6-Tribromophenol	95		19-114
367-12-4	2-Fluorophenol	89		39-103
321-60-8	2-Fluorobiphenyl	97		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-VD Lab Sample ID: 460-72174-34

Matrix: Solid Lab File ID: L1147866.D

Analysis Method: 8270C Date Collected: 03/06/2014 14:40

Extract. Method: 3541 Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.00(g) Date Analyzed: 03/11/2014 19:16

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Report Date: 12-Mar-2014 12:43:21 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147866.D
Lims ID: 460-72174-F-34-E Lab Sample ID: 460-72174-34
Client ID: PMP-9SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 19:16:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010722-009
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 12-Mar-2014 12:42:05 Calib Date: 05-Mar-2014 23:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147714.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: croccom Date: 12-Mar-2014 08:17:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.454	2.431	0.023	95	125903	44.4	
$ 6 Phenol-d5	99	3.360	3.366	-0.006	68	153562	46.4	
* 13 1,4-Dichlorobenzene-d4	152	3.713	3.713	0.0	96	100404	40.0	
$ 25 Nitrobenzene-d5	82	4.290	4.296	-0.006	92	142087	48.7	
* 35 Naphthalene-d8	136	5.019	5.019	0.0	99	377937	40.0	
23 2-Toluidine	107	5.019	5.053	-0.034	33	2092	NC	
41 2-Methylnaphthalene	142	5.754	5.748	0.006	39	695	0.1205	
$ 48 2-Fluorobiphenyl	172	6.125	6.125	0.0	98	301244	48.7	
55 1,3-Dimethylnaphthalene	156	6.448	6.454	-0.006	18	955	0.2193	
* 61 Acenaphthene-d10	164	6.778	6.778	0.0	93	189493	40.0	
$ 76 2,4,6-Tribromophenol	330	7.560	7.566	-0.006	93	43145	47.4	
82 n-Octadecane	57	8.183	8.189	-0.006	30	893	0.2248	
* 83 Phenanthrene-d10	188	8.242	8.242	0.0	98	273598	40.0	
$ 91 Terphenyl-d14	244	9.819	9.825	-0.006	98	230848	56.1	
* 96 Chrysene-d12	240	10.901	10.907	-0.006	99	193581	40.0	
* 103 Perylene-d12	264	12.695	12.695	0.0	98	171066	40.0	

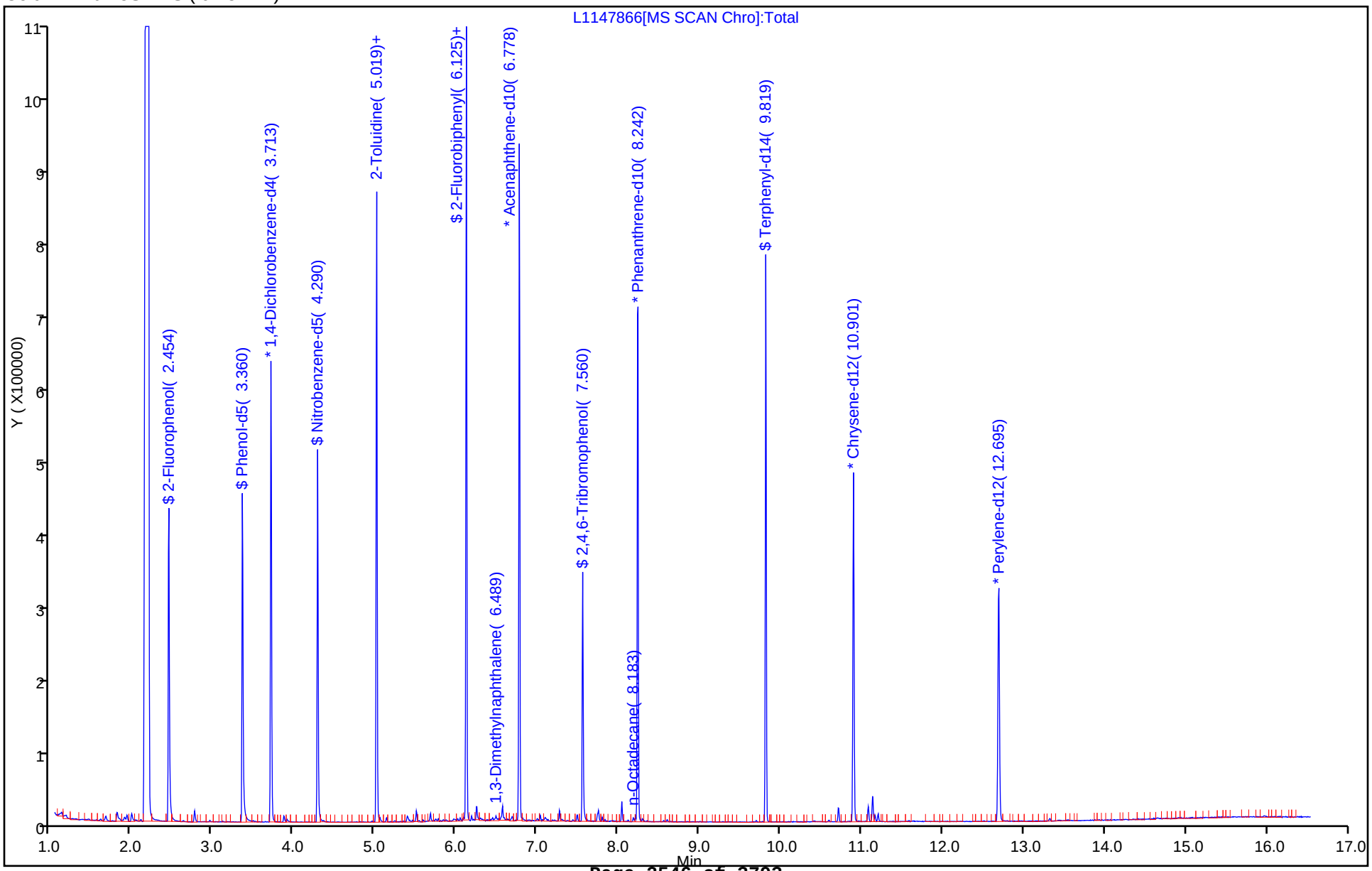
Report Date: 12-Mar-2014 12:43:21 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147866.D

Injection Date:	11-Mar-2014 19:16:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-72174-F-34-E	Lab Sample ID:	460-72174-34	Worklist Smp#:	9
Client ID:	PMP-9SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270_12R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-WT | Lab Sample ID: 460-72174-35

Matrix: Solid | Lab File ID: x9434.D

Analysis Method: 8270C | Date Collected: 03/06/2014 14:45

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.01(g) | Date Analyzed: 03/14/2014 15:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212566 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	250	U	1900	250
95-57-8	2-Chlorophenol	250	U	1900	250
95-48-7	2-Methylphenol	320	U	1900	320
106-44-5	4-Methylphenol	370	U	1900	370
100-52-7	Benzaldehyde	220	U	1900	220
98-86-2	Acetophenone	290	U	1900	290
111-44-4	Bis(2-chloroethyl)ether	25	U	190	25
108-60-1	2,2'-oxybis[1-chloropropane]	210	U	1900	210
621-64-7	N-Nitrosodi-n-propylamine	31	U	190	31
98-95-3	Nitrobenzene	27	U *	190	27
67-72-1	Hexachloroethane	21	U	190	21
78-59-1	Isophorone	230	U	1900	230
88-75-5	2-Nitrophenol	210	U	1900	210
105-67-9	2,4-Dimethylphenol	460	U	1900	460
120-83-2	2,4-Dichlorophenol	270	U	1900	270
111-91-1	Bis(2-chloroethoxy)methane	240	U	1900	240
91-20-3	Naphthalene	220	U	1900	220
106-47-8	4-Chloroaniline	490	U	1900	490
87-68-3	Hexachlorobutadiene	46	U	380	46
105-60-2	Caprolactam	430	U	1900	430
59-50-7	4-Chloro-3-methylphenol	280	U	1900	280
91-57-6	2-Methylnaphthalene	240	U	1900	240
118-74-1	Hexachlorobenzene	26	U	190	26
77-47-4	Hexachlorocyclopentadiene	220	U	1900	220
88-06-2	2,4,6-Trichlorophenol	220	U	1900	220
95-95-4	2,4,5-Trichlorophenol	240	U	1900	240
92-52-4	Diphenyl	250	U	1900	250
91-58-7	2-Chloronaphthalene	210	U	1900	210
88-74-4	2-Nitroaniline	780	U	1900	780
606-20-2	2,6-Dinitrotoluene	56	U	380	56
131-11-3	Dimethyl phthalate	220	U	1900	220
208-96-8	Acenaphthylene	220	U	1900	220
99-09-2	3-Nitroaniline	660	U	1900	660
83-32-9	Acenaphthene	270	U	1900	270

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-WT | Lab Sample ID: 460-72174-35

Matrix: Solid | Lab File ID: x9434.D

Analysis Method: 8270C | Date Collected: 03/06/2014 14:45

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.01(g) | Date Analyzed: 03/14/2014 15:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212566 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1900	1200
51-28-5	2,4-Dinitrophenol	1100	U	3800	1100
132-64-9	Dibenzofuran	220	U	1900	220
84-66-2	Diethyl phthalate	220	U	1900	220
86-73-7	Fluorene	240	U	1900	240
206-44-0	Fluoranthene	250	U	1900	250
84-74-2	Di-n-butyl phthalate	230	U	1900	230
121-14-2	2,4-Dinitrotoluene	61	U	380	61
7005-72-3	4-Chlorophenyl phenyl ether	220	U	1900	220
100-01-6	4-Nitroaniline	580	U	3800	580
534-52-1	4,6-Dinitro-2-methylphenol	510	U	3800	510
101-55-3	4-Bromophenyl phenyl ether	190	U	1900	190
1912-24-9	Atrazine	290	U	1900	290
120-12-7	Anthracene	230	U	1900	230
86-74-8	Carbazole	220	U	1900	220
85-01-8	Phenanthrene	240	U	1900	240
87-86-5	Pentachlorophenol	560	U	3800	560
129-00-0	Pyrene	160	U	1900	160
218-01-9	Chrysene	220	U	1900	220
207-08-9	Benzo[k]fluoranthene	14	U	190	14
191-24-2	Benzo[g,h,i]perylene	140	U	1900	140
205-99-2	Benzo[b]fluoranthene	12	U	190	12
50-32-8	Benzo[a]pyrene	13	U	190	13
56-55-3	Benzo[a]anthracene	13	U	190	13
86-30-6	N-Nitrosodiphenylamine	180	U	1900	180
85-68-7	Butyl benzyl phthalate	170	U	1900	170
117-81-7	Bis(2-ethylhexyl) phthalate	620	U	1900	620
117-84-0	Di-n-octyl phthalate	120	U	1900	120
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	190	35
53-70-3	Dibenz(a,h)anthracene	24	U	190	24
91-94-1	3,3'-Dichlorobenzidine	650	U	1900	650
95-94-3	1,2,4,5-Tetrachlorobenzene	250	U	1900	250
58-90-2	2,3,4,6-Tetrachlorophenol	240	U	1900	240

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-WT Lab Sample ID: 460-72174-35

Matrix: Solid Lab File ID: x9434.D

Analysis Method: 8270C Date Collected: 03/06/2014 14:45

Extract. Method: 3541 Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.01(g) Date Analyzed: 03/14/2014 15:46

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212566 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	90		40-106
4165-62-2	Phenol-d5	78		44-104
1718-51-0	Terphenyl-d14	86		41-145
118-79-6	2,4,6-Tribromophenol	52		19-114
367-12-4	2-Fluorophenol	71		39-103
321-60-8	2-Fluorobiphenyl	102		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-WT | Lab Sample ID: 460-72174-35

Matrix: Solid | Lab File ID: x9434.D

Analysis Method: 8270C | Date Collected: 03/06/2014 14:45

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.01(g) | Date Analyzed: 03/14/2014 15:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212566 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 287600

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown alkane	6.84	8000	J
	Unknown alkane	7.04	15000	J
	Unknown	7.39	9200	J
	Unknown	7.48	10000	J
	Unknown alkane	7.54	26000	J
	Unknown	7.57	7900	J
54774-89-9	Naphthalene, 2-methyl-1-propyl-	7.64	8000	J N
	Unknown alkane	7.75	25000	J
	Unknown alkane	8.00	27000	J
	Unknown	8.02	20000	J
490-65-3	Naphthalene, 1-methyl-7-(1-methylethyl)-	8.05	11000	J N
16605-91-7	1,1'-Biphenyl, 2,3-dichloro-	8.11	11000	J N
	Unknown alkane	8.19	13000	J
	Unknown alkane	8.28	9300	J
	Unknown Cycloalkane	8.32	7900	J
	Unknown alkane	8.44	18000	J
	Unknown	8.47	18000	J
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.63	14000	J N
	Unknown alkane	8.86	20000	J
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	8.94	9300	J N

Report Date: 14-Mar-2014 16:18:58 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9434.D
Lims ID: 460-72174-F-35-C Lab Sample ID: 460-72174-35
Client ID: PMP-9SW-WT
Sample Type: Client
Inject. Date: 14-Mar-2014 15:46:30 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0010857-025
Operator ID: Instrument ID: CBNAMS5

Method: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\8270_5R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 16:18:46 Calib Date: 11-Mar-2014 10:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS5\20140311-10688.b\x9292.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: ranav Date: 14-Mar-2014 16:09:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.817	2.811	0.006	91	72633	7.13	
$ 6 Phenol-d5	99	3.729	3.752	-0.023	69	95496	7.75	
* 13 1,4-Dichlorobenzene-d4	152	4.035	4.041	-0.006	98	266716	40.0	
$ 25 Nitrobenzene-d5	82	4.588	4.605	-0.017	93	91181	8.97	
* 35 Naphthalene-d8	136	5.317	5.323	-0.006	100	936503	40.0	
$ 48 2-Fluorobiphenyl	172	6.399	6.411	-0.012	95	137135	10.2	
* 61 Acenaphthene-d10	164	7.064	7.070	-0.006	92	390650	40.0	
$ 76 2,4,6-Tribromophenol	330	7.846	7.846	0.0	47	8496	5.16	
* 83 Phenanthrene-d10	188	8.517	8.517	0.0	98	457786	40.0	
90 Pyrene	202	9.917	9.923	-0.005	87	2723	0.2558	
$ 91 Terphenyl-d14	244	10.082	10.081	0.001	98	68382	8.63	
* 96 Chrysene-d12	240	11.205	11.211	-0.006	99	257883	40.0	
* 103 Perylene-d12	264	13.040	13.040	0.0	99	191585	40.0	

Report Date: 14-Mar-2014 16:18:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9434.D
Lims ID: 460-72174-F-35-C Lab Sample ID: 460-72174-35
Client ID: PMP-9SW-WT
Sample Type: Client
Inject. Date: 14-Mar-2014 15:46:30 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0010857-025
Operator ID: Instrument ID: CBNAMS5

Method: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\8270_5R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 16:18:46 Calib Date: 11-Mar-2014 10:31:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: ranav Date: 14-Mar-2014 16:09:05

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	Unknown alkane							
6.835	1234601	21.3	61	0	0		0	
	Unknown alkane							
7.041	2359691	40.7	61	0	0		0	
	Unknown							
7.393	1412463	24.4	61					
	Unknown							
7.476	1569845	27.1	61					
	Unknown alkane							
7.535	4046005	69.9	61	0	0		0	
	Unknown							
7.570	1219114	21.0	61					
	54774-89-9	Naphthalene, 2-methyl-1-propyl-						
7.635	1236695	21.4	61	87	45641	C14H16	184	
	Unknown alkane							
7.752	3878405	67.0	61	0	0		0	
	Unknown alkane							
7.999	5303380	70.7	83	0	0		0	
	Unknown							
8.017	3911668	52.2	83					
	490-65-3	Naphthalene, 1-methyl-7-(1-methylethyl)-						
8.046	2093240	27.9	83	83	45651	C14H16	184	
	16605-91-7	1,1'-Biphenyl, 2,3-dichloro-						
8.105	2232192	29.8	83	96	70592	C12H8Cl2	222	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown alkane						
8.188	2687673	35.9	83	0	0		0	
		Unknown alkane						
8.276	1860018	24.8	83	0	0		0	
		Unknown Cycloalkane						
8.317	1580235	21.1	83	0	0		0	
		Unknown alkane						
8.440	3613594	48.2	83	0	0		0	
		Unknown						
8.470	3499379	46.7	83					
	16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-						
8.629	2862548	38.2	83	96	91798	C12H7Cl3	256	
		Unknown alkane						
8.858	4012348	53.5	83	0	0		0	
	7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-						
8.940	1857330	24.8	83	95	91797	C12H7Cl3	256	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.064	2316958	40.0
* 83 Phenanthrene-d10	8.517	2998494	40.0

QC Flag Legend

Processing Flags

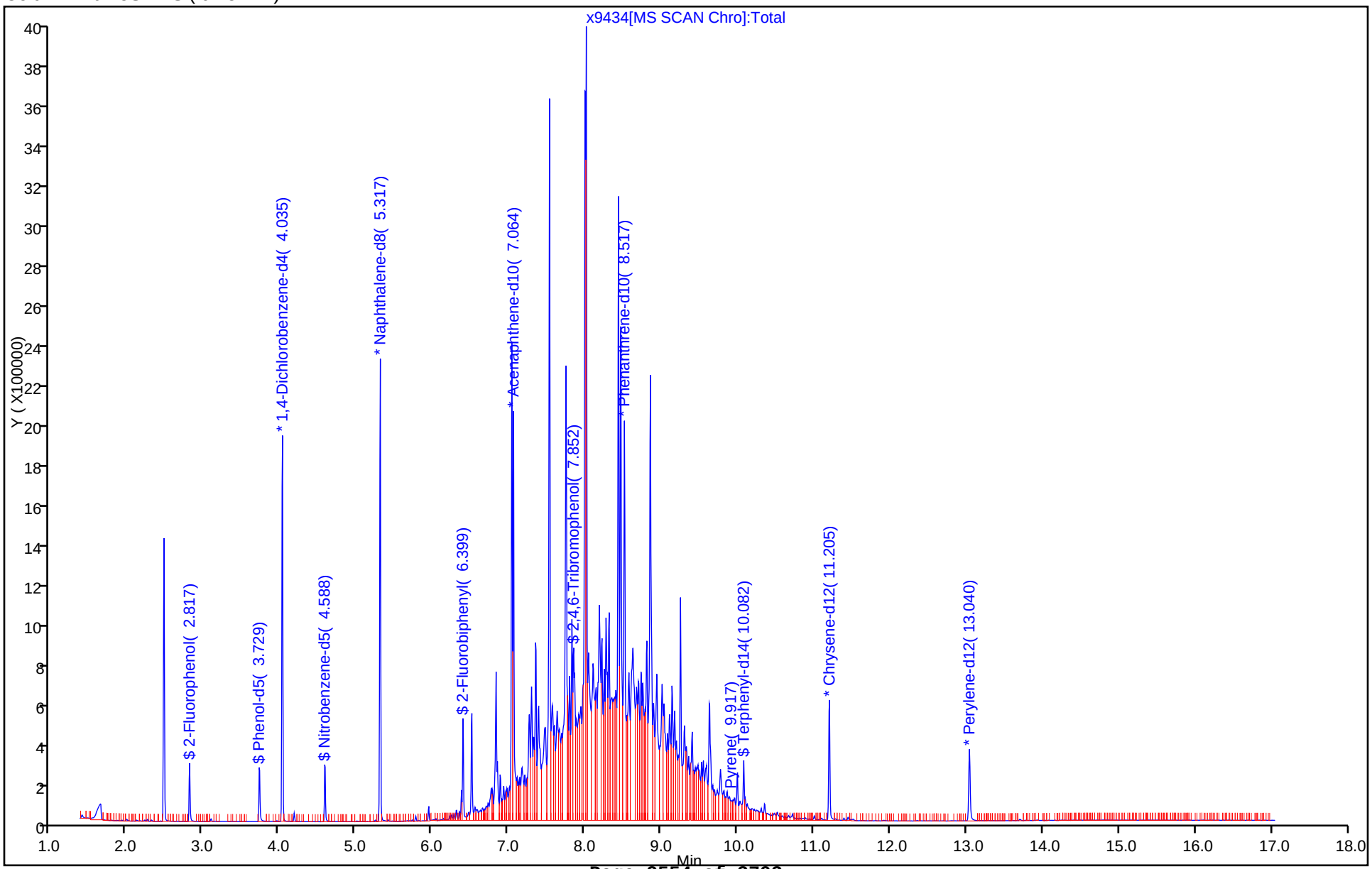
Report Date: 14-Mar-2014 16:18:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9434.D

Injection Date:	14-Mar-2014 15:46:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-72174-F-35-C	Lab Sample ID:	460-72174-35	Worklist Smp#:	25
Client ID:	PMP-9SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	25
Method:	8270_5R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 14-Mar-2014 16:18:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9434.D

Injection Date: 14-Mar-2014 15:46:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-35-C Lab Sample ID: 460-72174-35

Client ID: PMP-9SW-WT

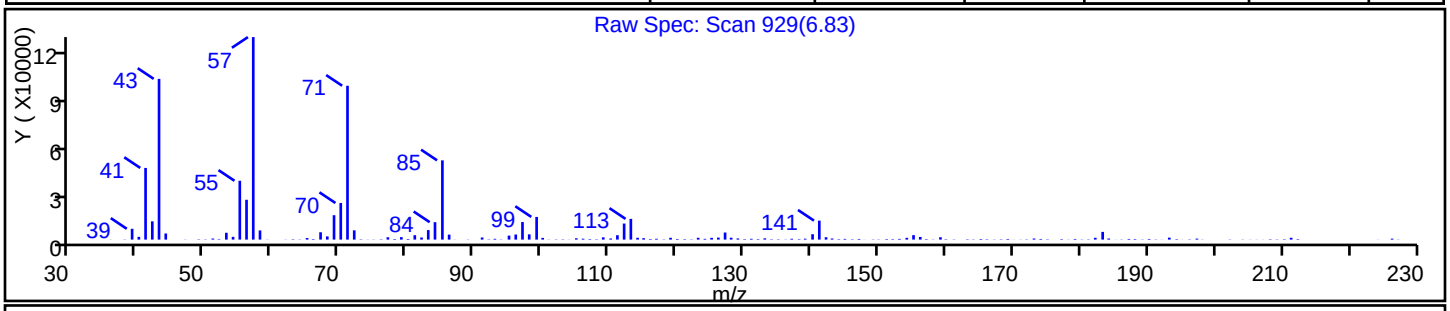
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

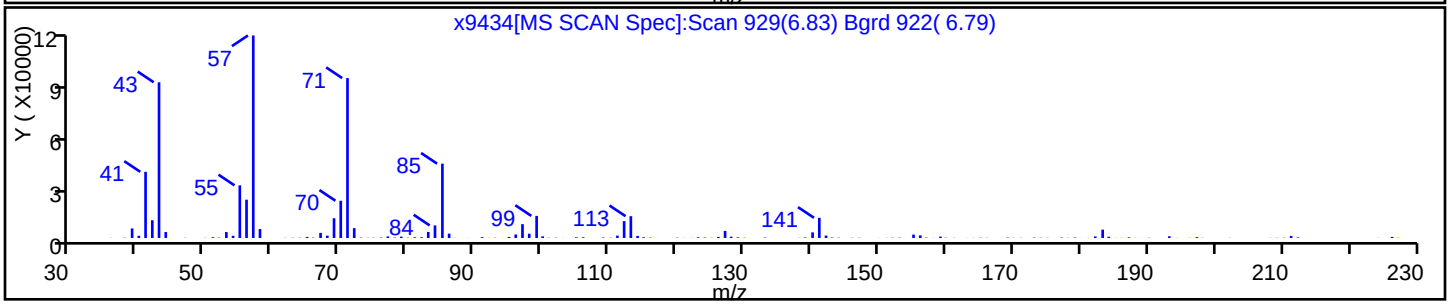
Injection Vol: 1.0 ul Dil. Factor: 5.0000

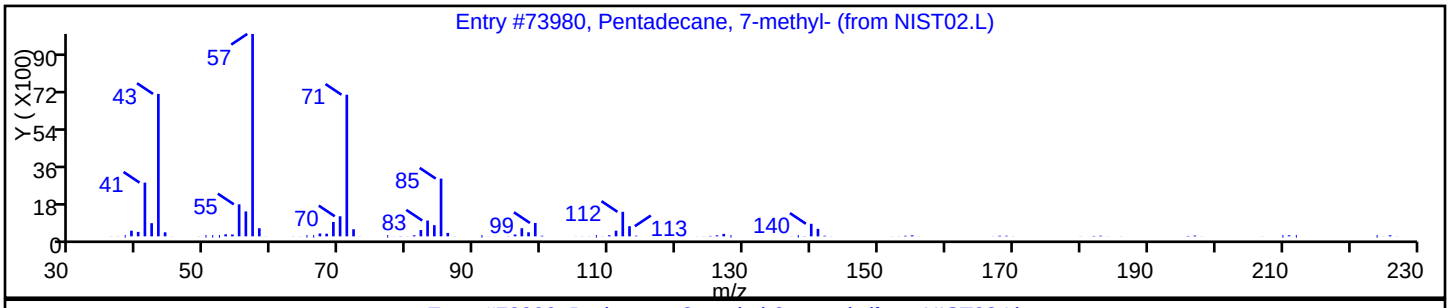
Method: 8270_5R Limit Group: SV 8270 ICAL

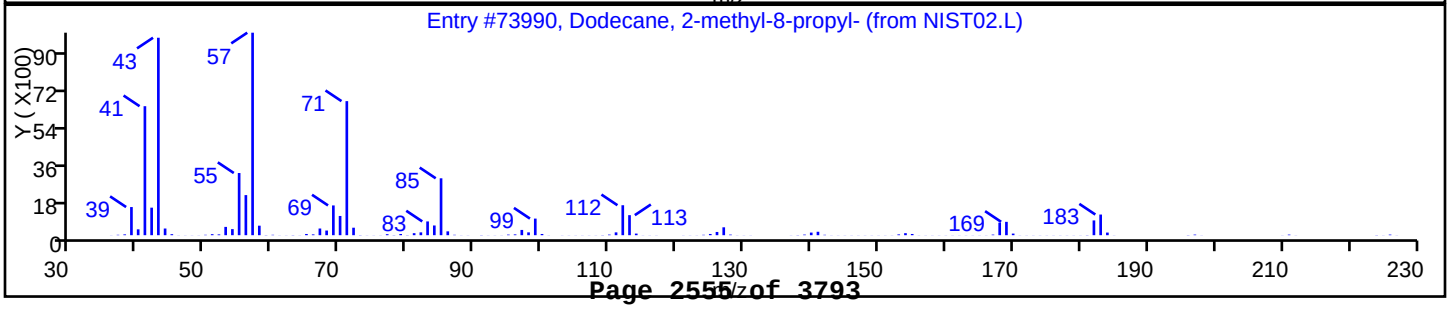
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Pentadecane, 7-methyl-	6165-40-8	NIST02.L	73980	C16H34	226	87
Dodecane, 2-methyl-8-propyl-	55045-07-3	NIST02.L	73990	C16H34	226	87









Report Date: 14-Mar-2014 16:18:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9434.D

Injection Date: 14-Mar-2014 15:46:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-35-C Lab Sample ID: 460-72174-35

Client ID: PMP-9SW-WT

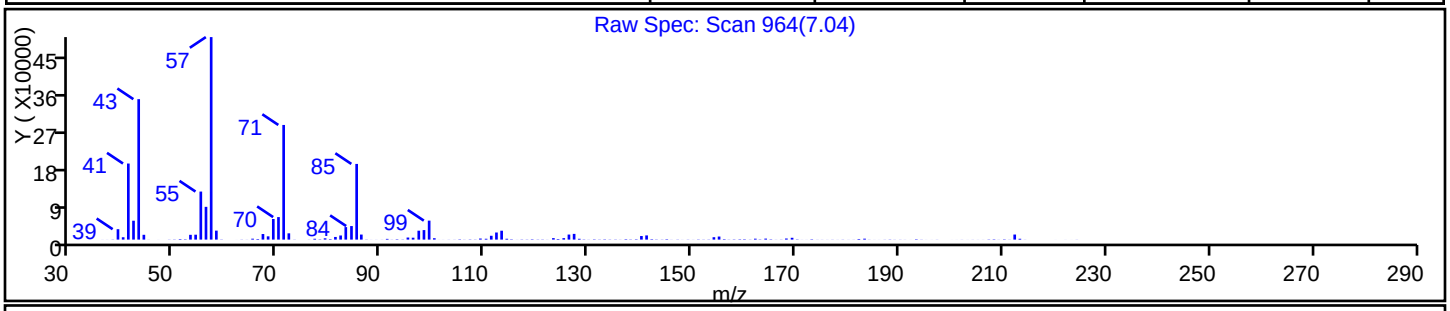
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

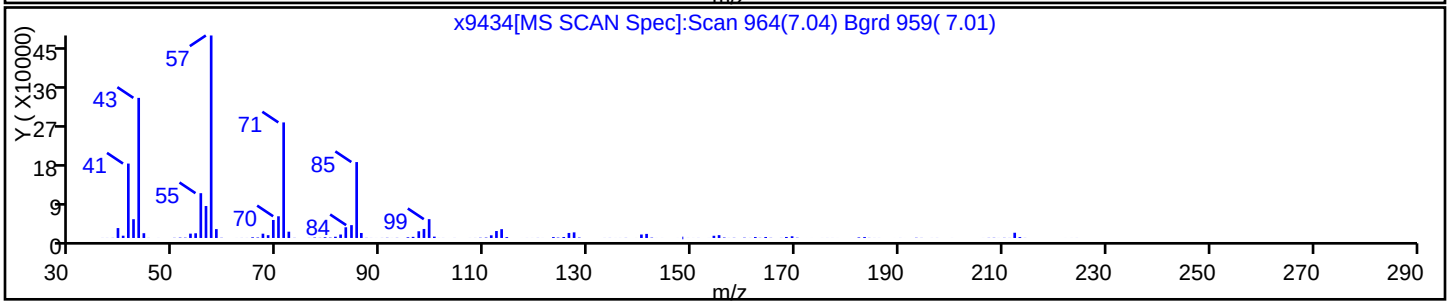
Injection Vol: 1.0 ul Dil. Factor: 5.0000

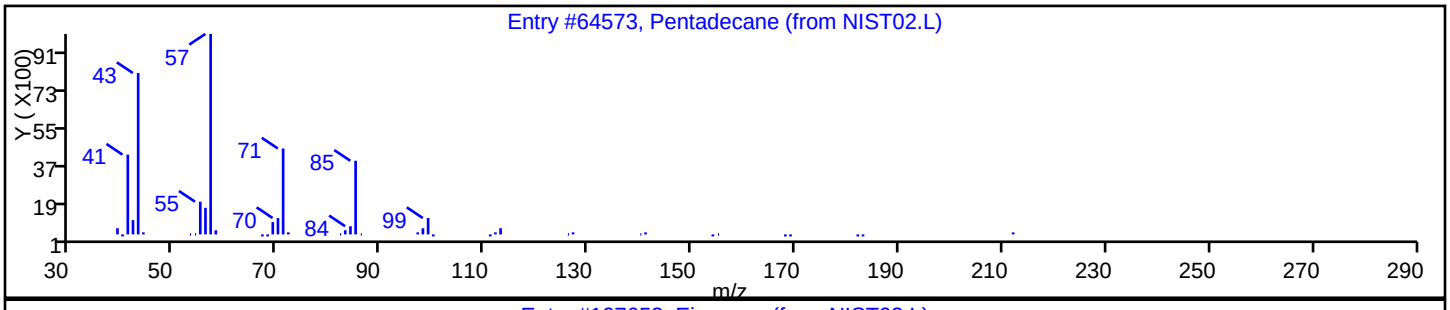
Method: 8270_5R Limit Group: SV 8270 ICAL

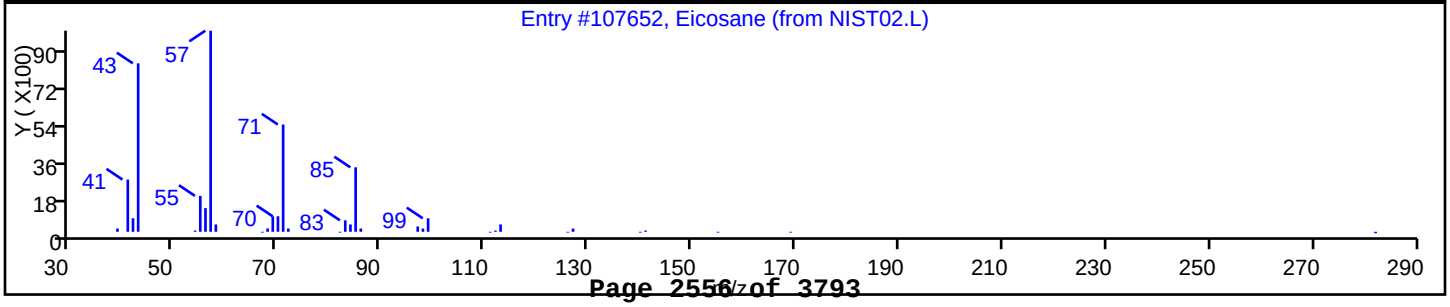
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Pentadecane	629-62-9	NIST02.L	64573	C15H32	212	95
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91









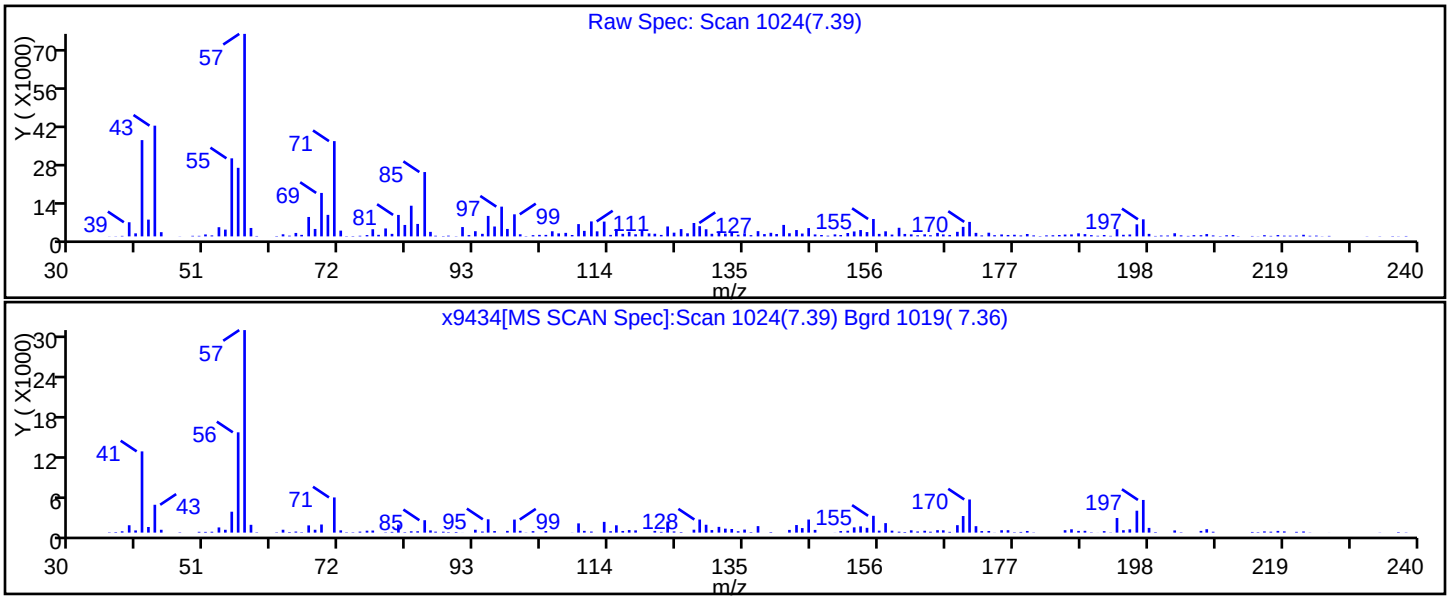
Report Date: 14-Mar-2014 16:18:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9434.D

Injection Date:	14-Mar-2014 15:46:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-35-C	Lab Sample ID:	460-72174-35		
Client ID:	PMP-9SW-WT				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

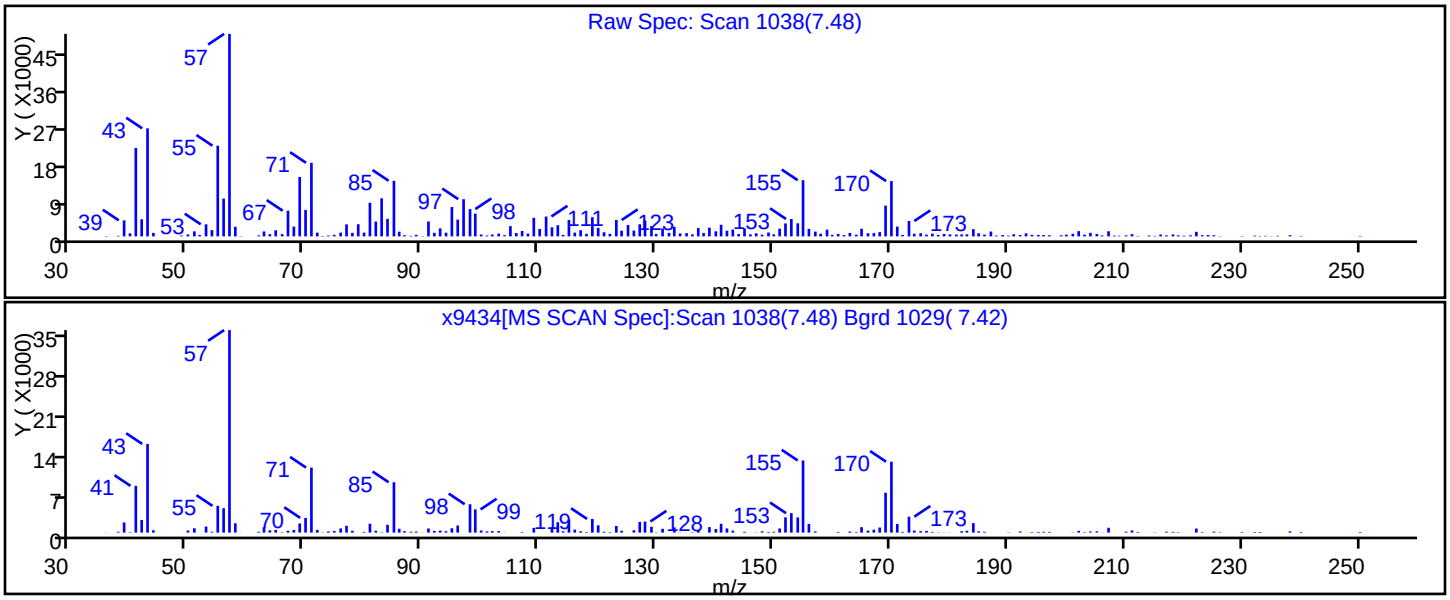
No Library Matches Found above the Threshold: 80



Report Date: 14-Mar-2014 16:18:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9434.D				
Injection Date:	14-Mar-2014 15:46:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-35-C	Lab Sample ID:	460-72174-35		
Client ID:	PMP-9SW-WT				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 14-Mar-2014 16:18:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9434.D

Injection Date: 14-Mar-2014 15:46:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-35-C Lab Sample ID: 460-72174-35

Client ID: PMP-9SW-WT

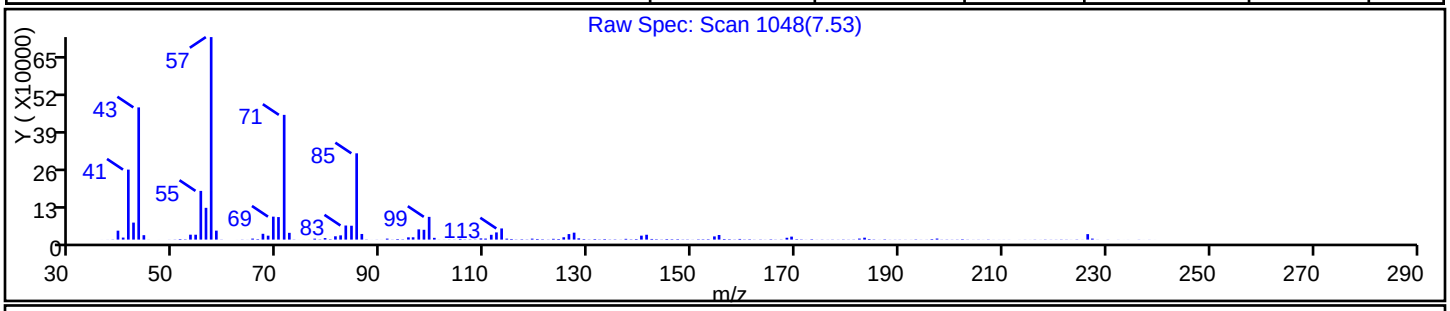
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

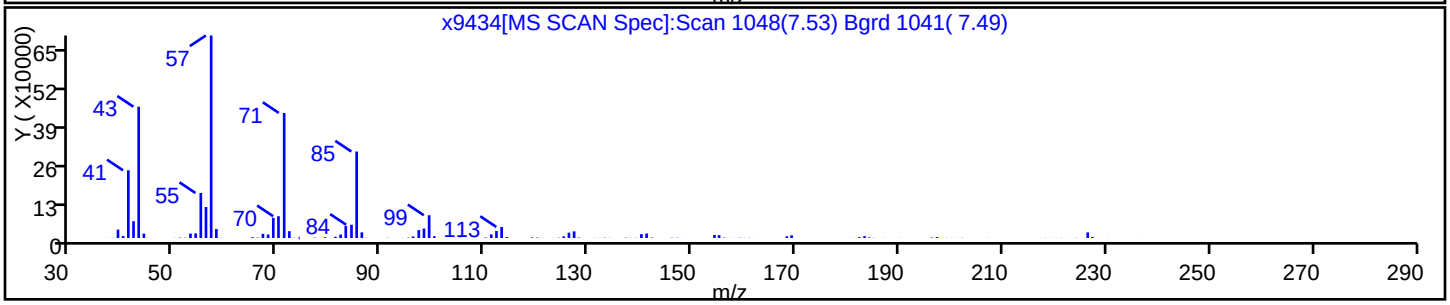
Injection Vol: 1.0 ul Dil. Factor: 5.0000

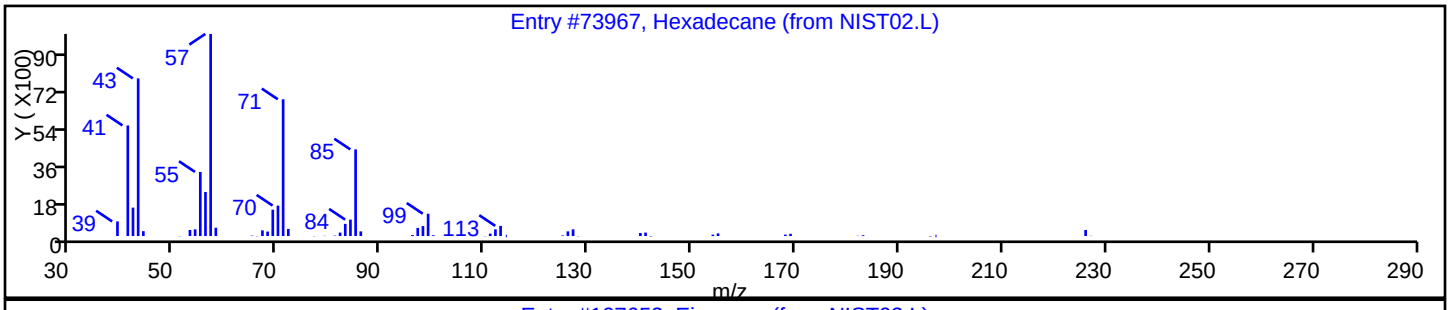
Method: 8270_5R Limit Group: SV 8270 ICAL

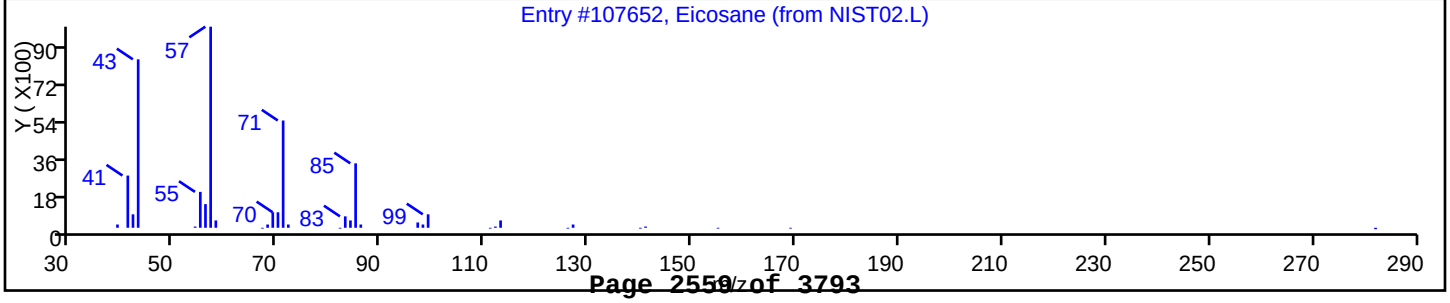
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane	544-76-3	NIST02.L	73967	C16H34	226	96
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91







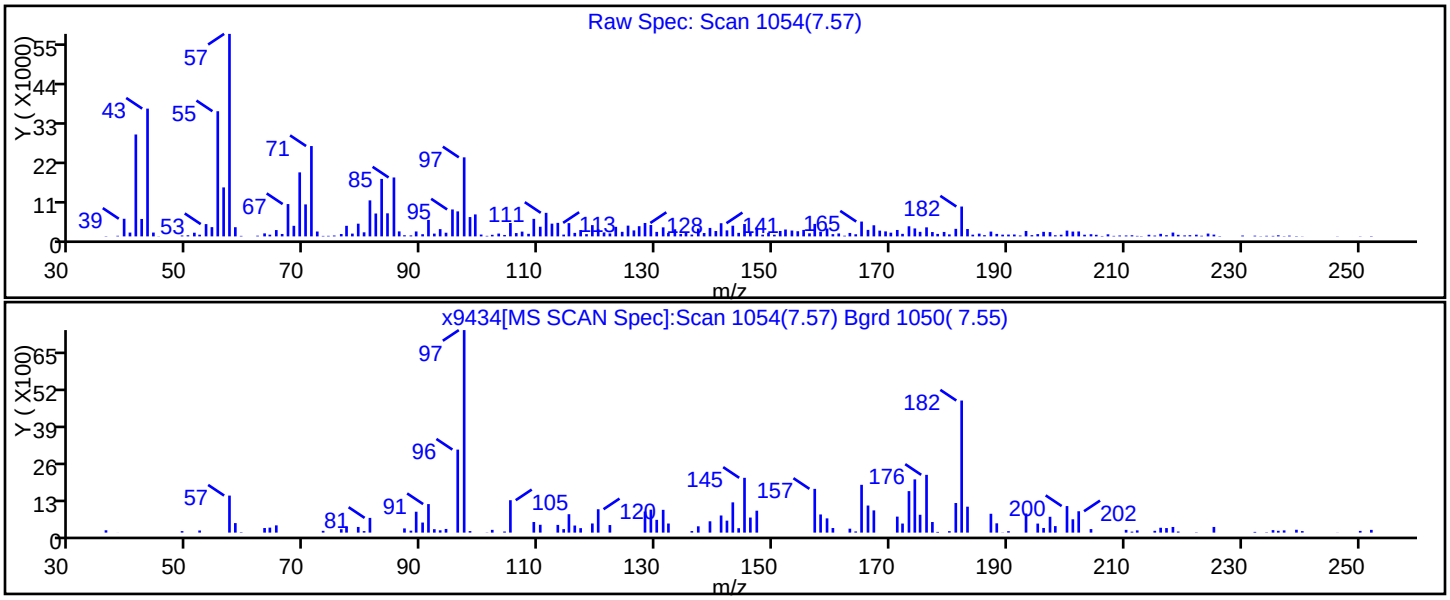


Report Date: 14-Mar-2014 16:18:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9434.D

Injection Date:	14-Mar-2014 15:46:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-35-C	Lab Sample ID:	460-72174-35		
Client ID:	PMP-9SW-WT				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 14-Mar-2014 16:18:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9434.D

Injection Date: 14-Mar-2014 15:46:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-35-C Lab Sample ID: 460-72174-35

Client ID: PMP-9SW-WT

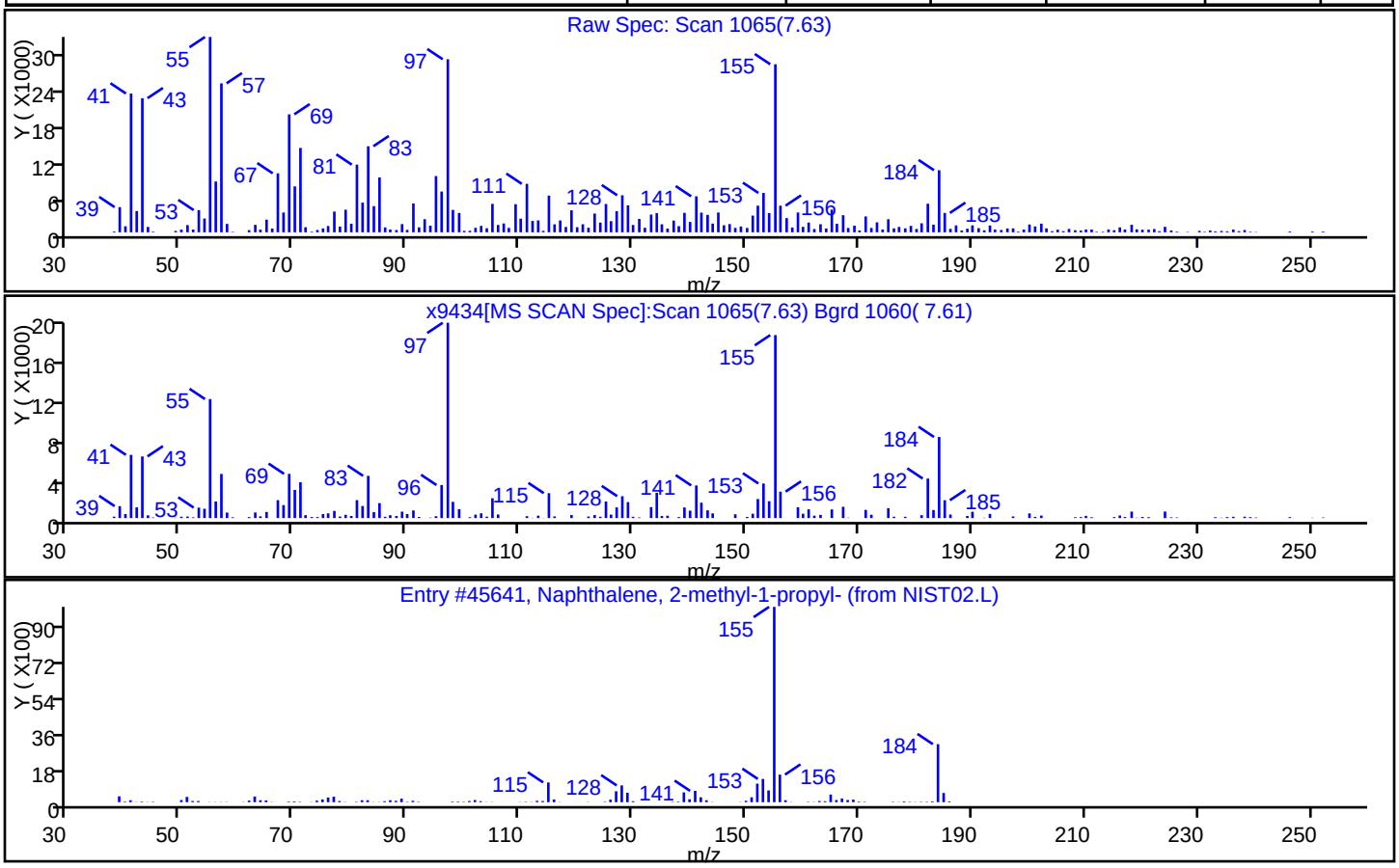
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2-methyl-1-propyl-	54774-89-9	NIST02.L	45641	C14H16	184	87



Report Date: 14-Mar-2014 16:18:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9434.D

Injection Date: 14-Mar-2014 15:46:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-35-C Lab Sample ID: 460-72174-35

Client ID: PMP-9SW-WT

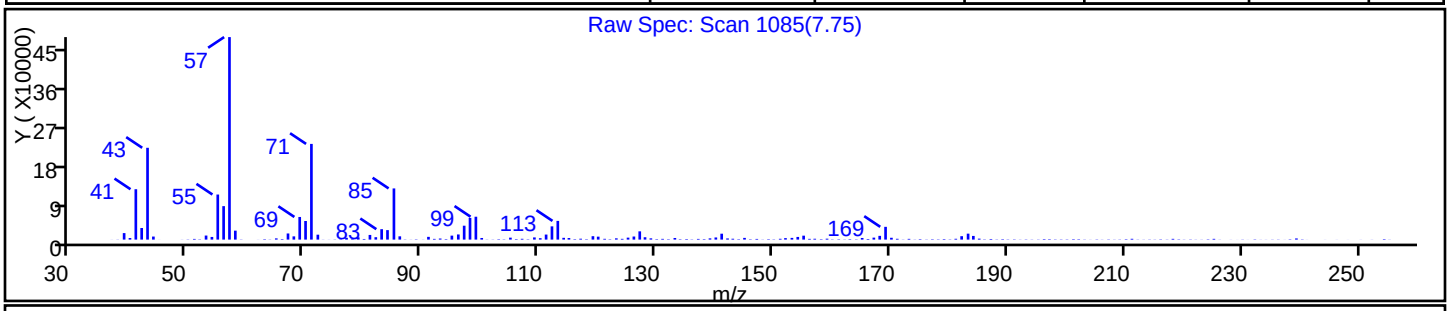
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

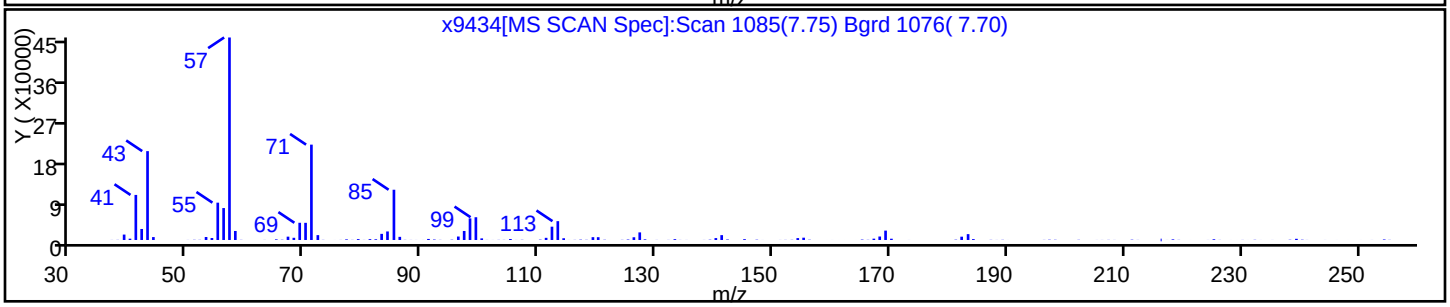
Injection Vol: 1.0 ul Dil. Factor: 5.0000

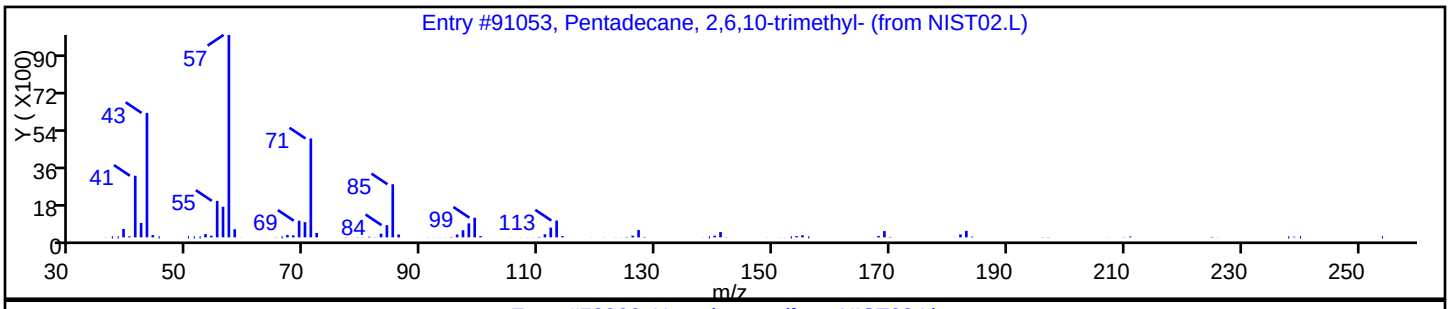
Method: 8270_5R Limit Group: SV 8270 ICAL

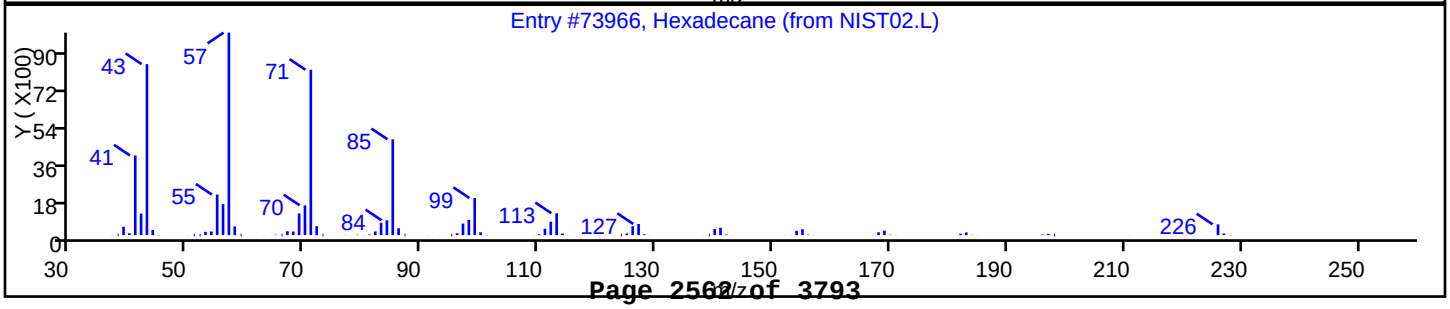
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	94
Hexadecane	544-76-3	NIST02.L	73966	C16H34	226	80









Report Date: 14-Mar-2014 16:18:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9434.D

Injection Date: 14-Mar-2014 15:46:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-35-C Lab Sample ID: 460-72174-35

Client ID: PMP-9SW-WT

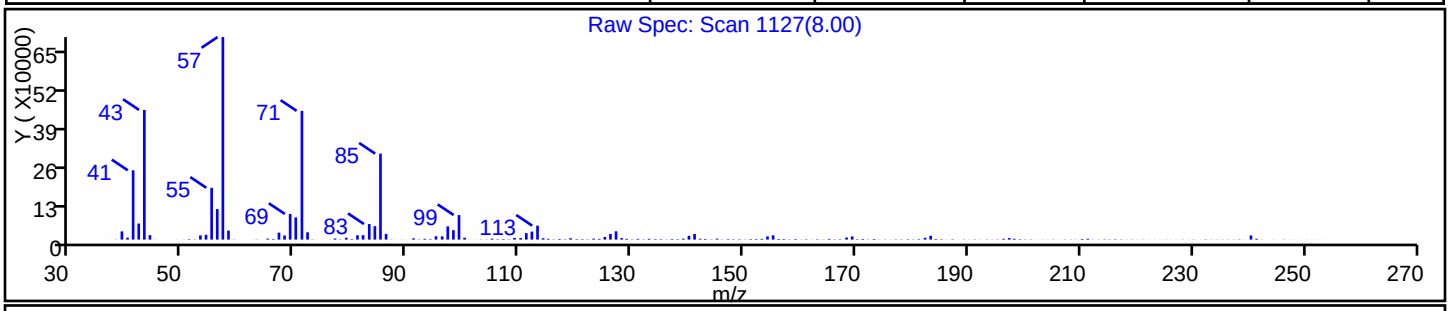
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

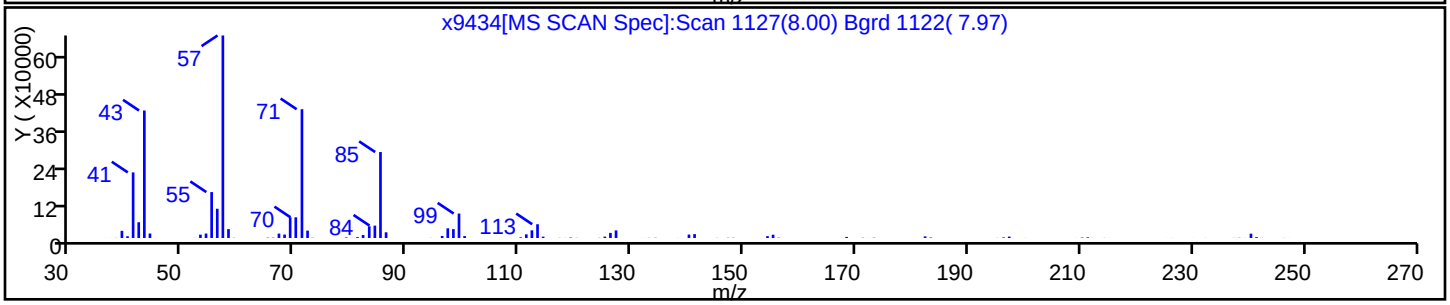
Injection Vol: 1.0 ul Dil. Factor: 5.0000

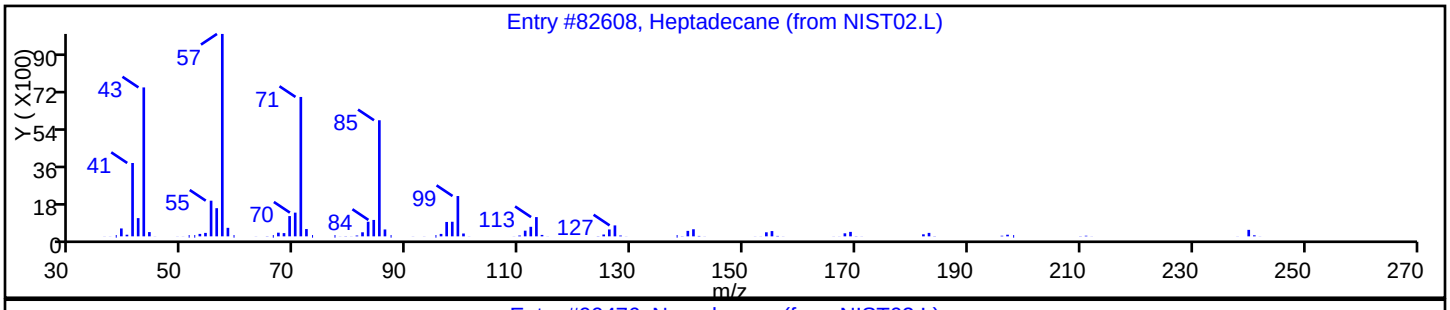
Method: 8270_5R Limit Group: SV 8270 ICAL

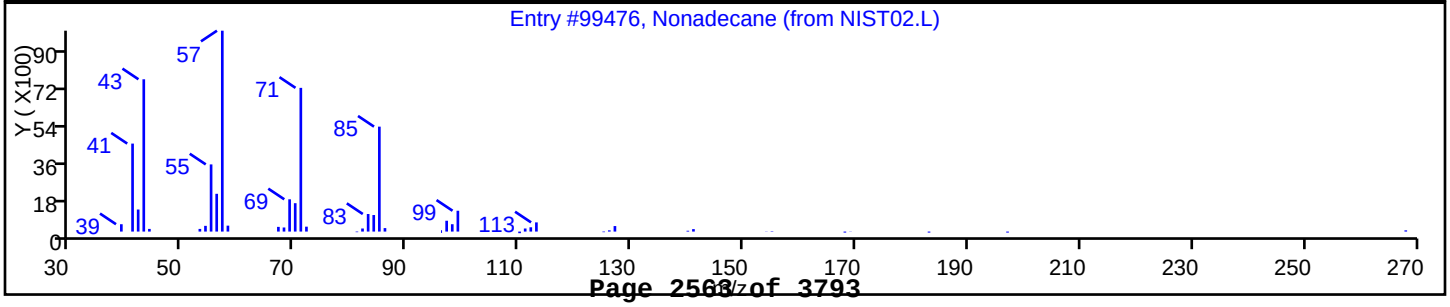
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Heptadecane	629-78-7	NIST02.L	82608	C17H36	240	97
Nonadecane	629-92-5	NIST02.L	99476	C19H40	268	94









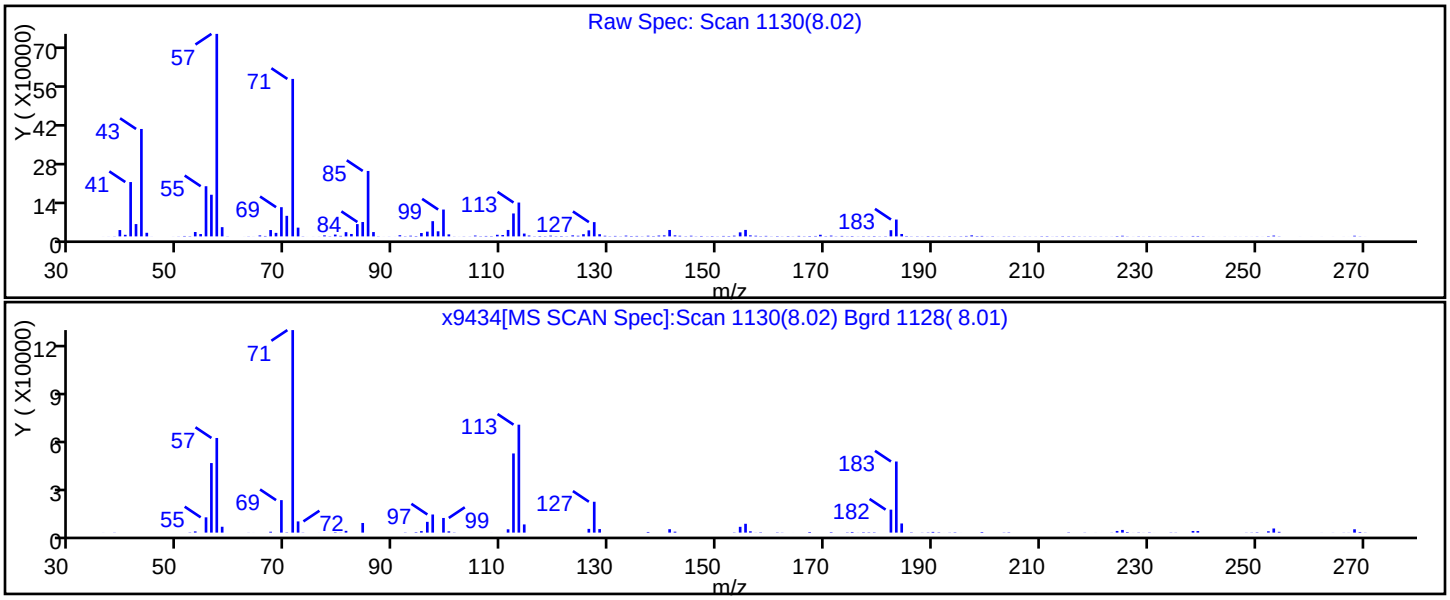
Report Date: 14-Mar-2014 16:18:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9434.D

Injection Date:	14-Mar-2014 15:46:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-35-C	Lab Sample ID:	460-72174-35		
Client ID:	PMP-9SW-WT				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 14-Mar-2014 16:18:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9434.D

Injection Date: 14-Mar-2014 15:46:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-35-C Lab Sample ID: 460-72174-35

Client ID: PMP-9SW-WT

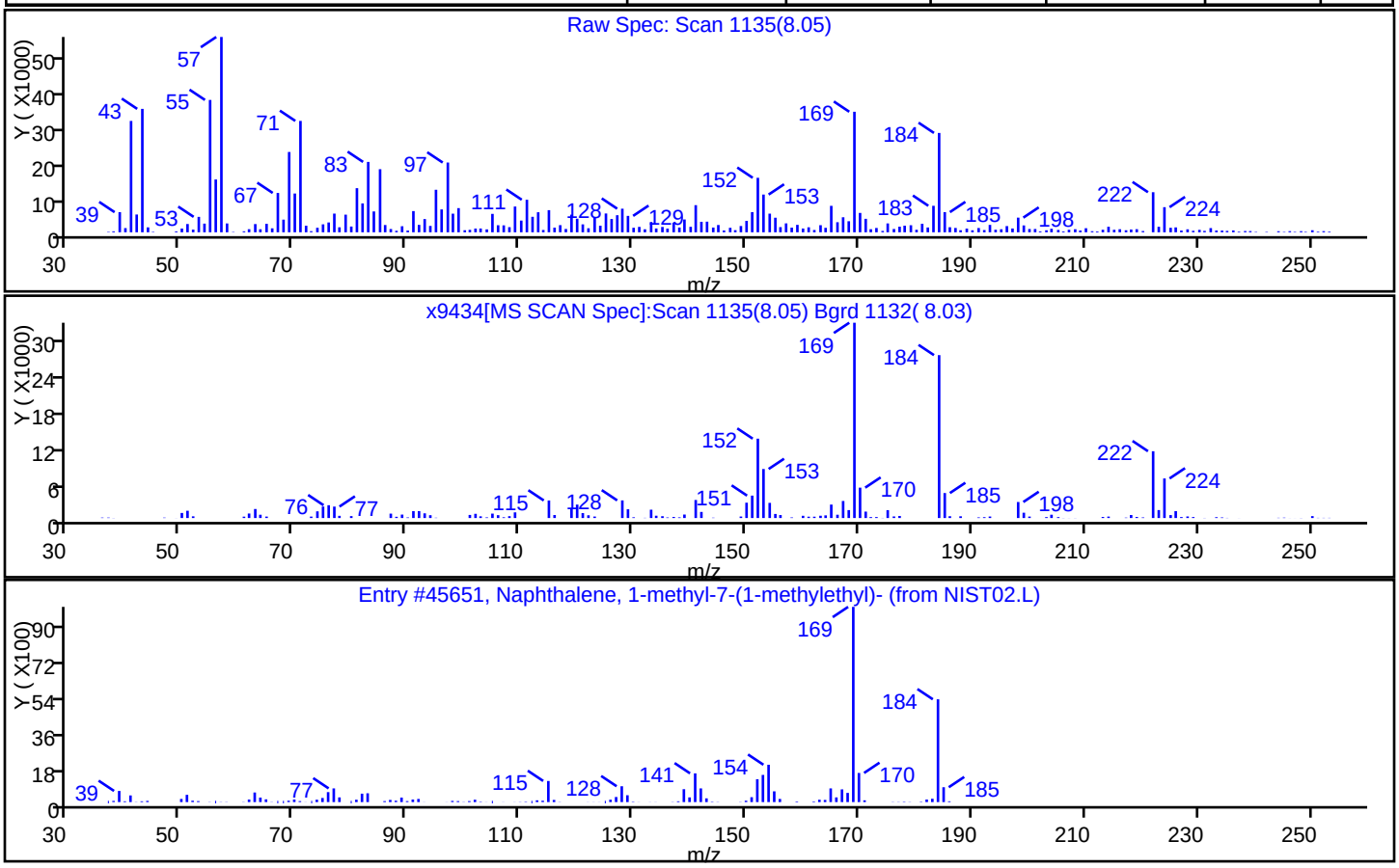
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1-methyl-7-(1-methylethyl)-	490-65-3	NIST02.L	45651	C14H16	184	83



Report Date: 14-Mar-2014 16:18:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9434.D

Injection Date: 14-Mar-2014 15:46:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-35-C Lab Sample ID: 460-72174-35

Client ID: PMP-9SW-WT

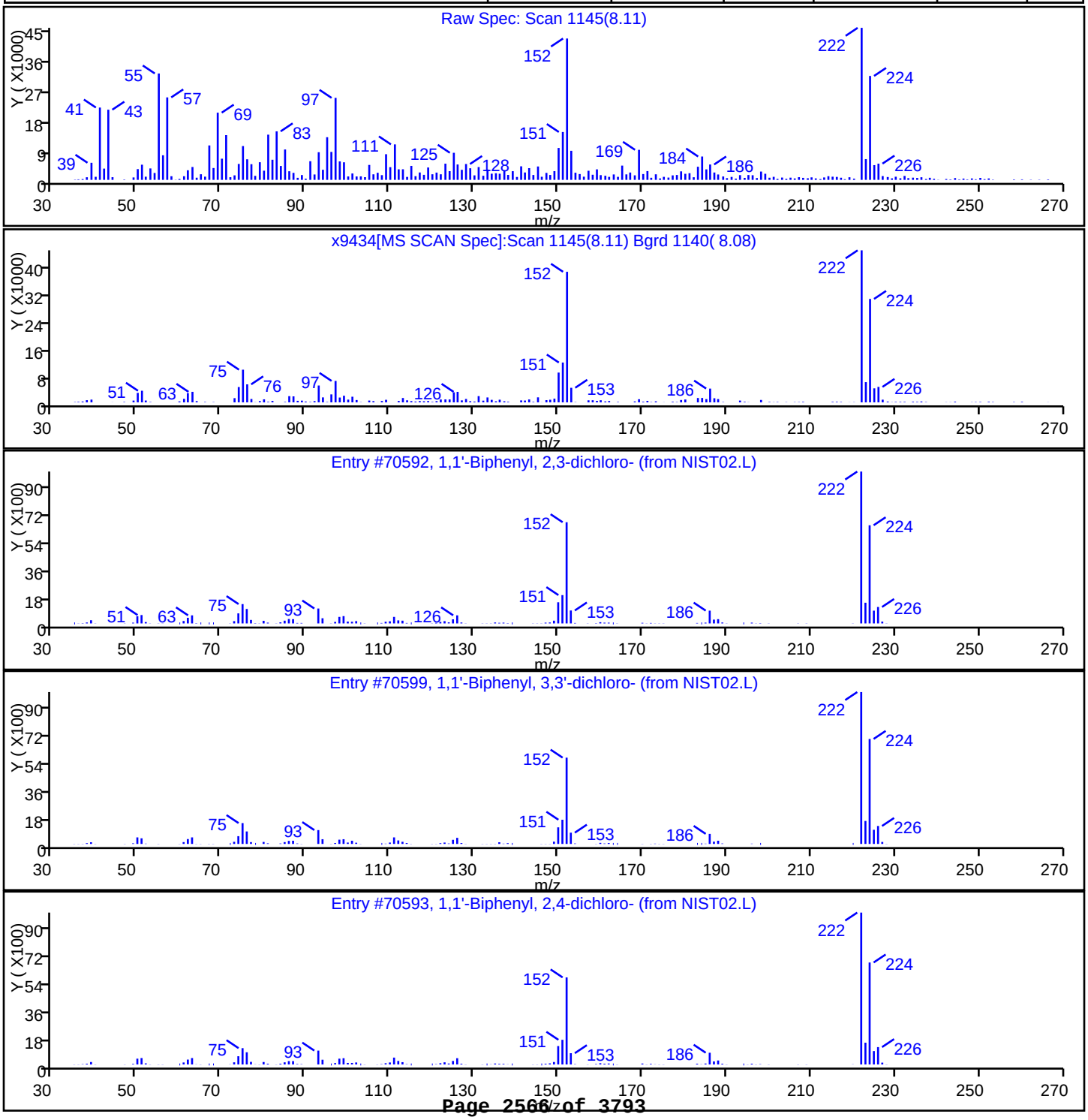
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.L	70592	C12H8Cl2	222	96
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.L	70599	C12H8Cl2	222	96
1,1'-Biphenyl, 2,4-dichloro-	33284-50-3	NIST02.L	70593	C12H8Cl2	222	96



Report Date: 14-Mar-2014 16:18:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9434.D

Injection Date: 14-Mar-2014 15:46:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-35-C Lab Sample ID: 460-72174-35

Client ID: PMP-9SW-WT

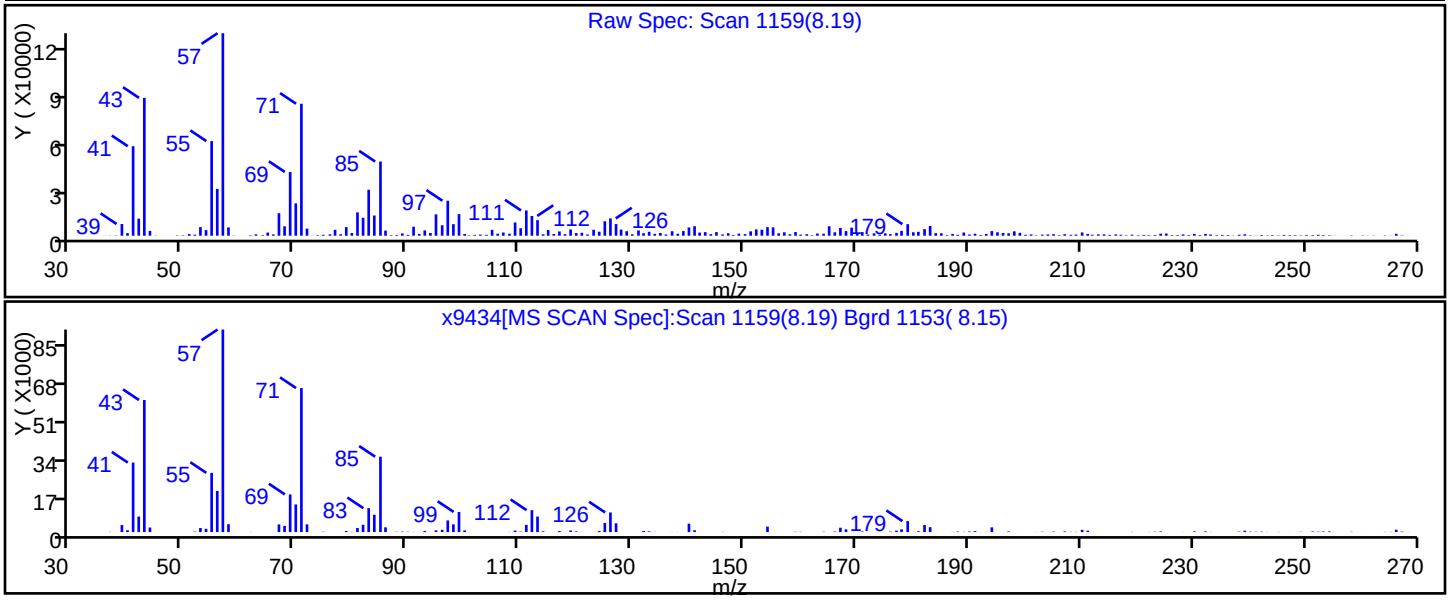
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

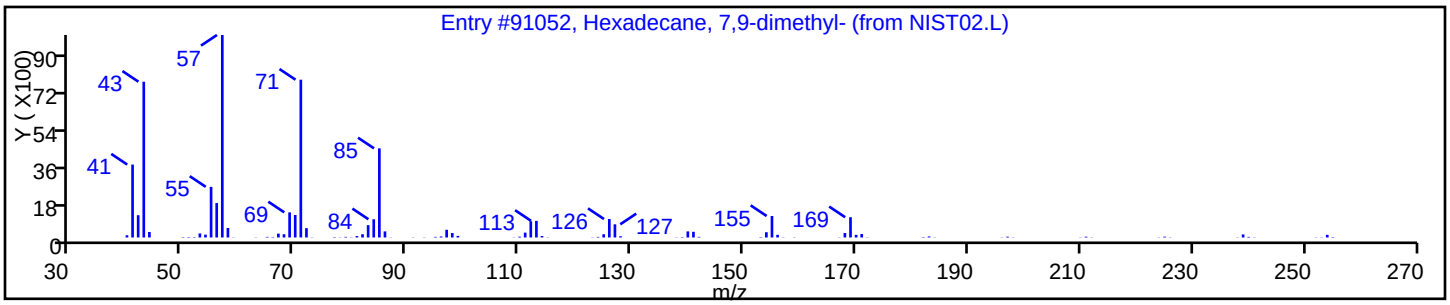
Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane, 7,9-dimethyl-	21164-95-4	NIST02.L	91052	C18H38	254	80





Report Date: 14-Mar-2014 16:18:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9434.D

Injection Date: 14-Mar-2014 15:46:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-35-C Lab Sample ID: 460-72174-35

Client ID: PMP-9SW-WT

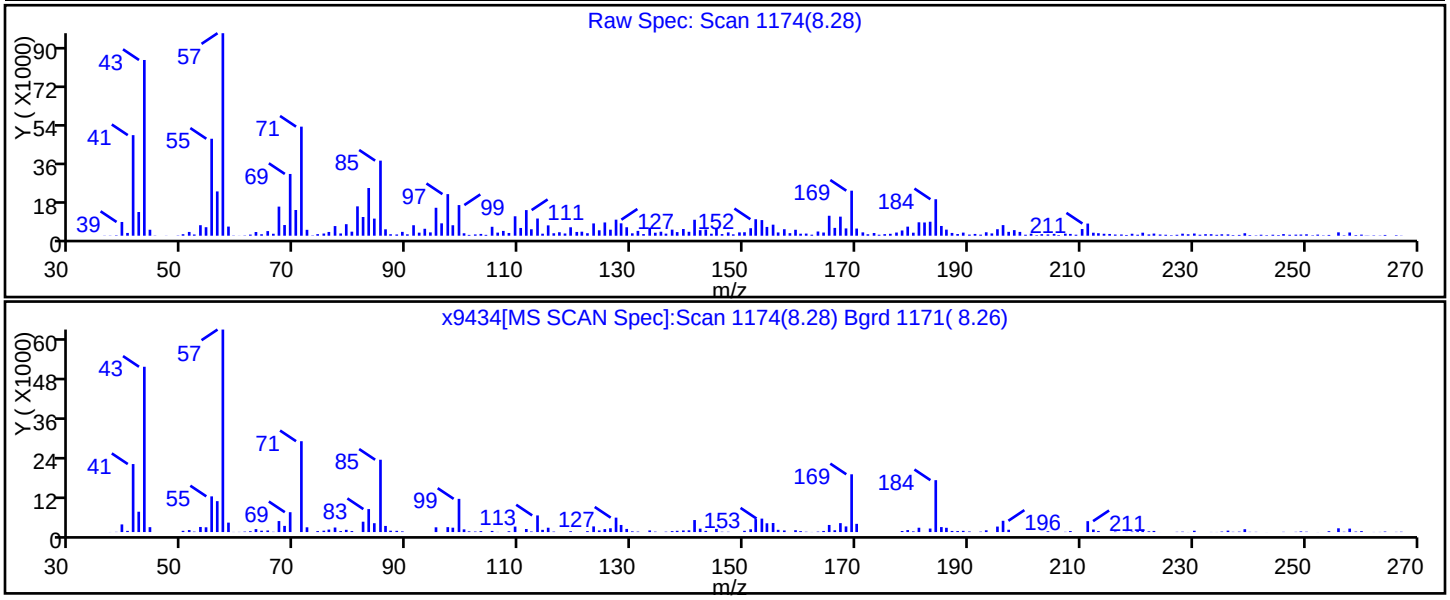
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

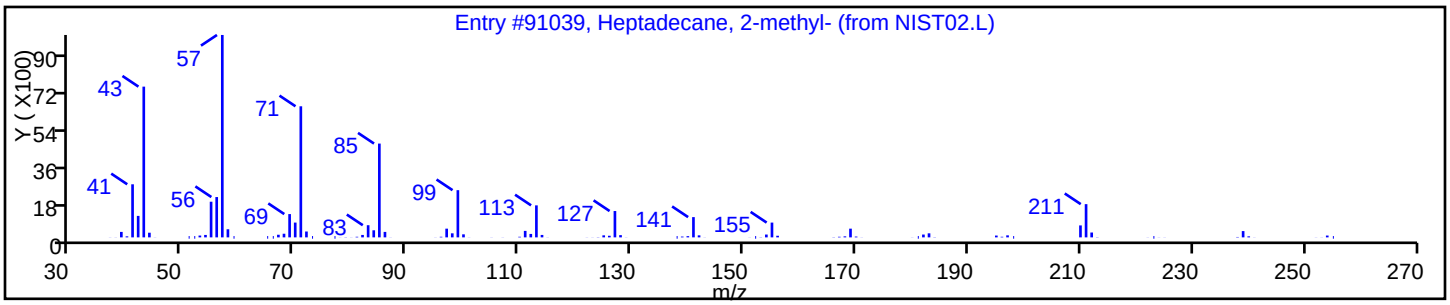
Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Heptadecane, 2-methyl-	1560-89-0	NIST02.L	91039	C18H38	254	96





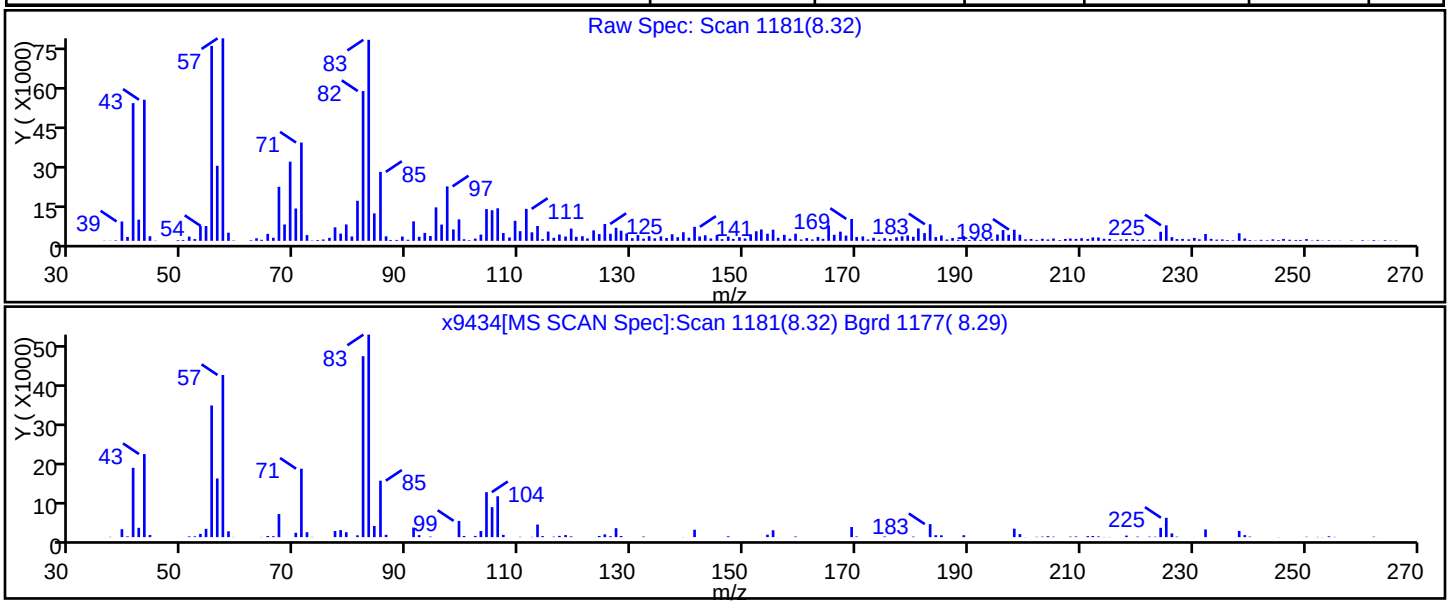
Report Date: 14-Mar-2014 16:18:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9434.D

Injection Date:	14-Mar-2014 15:46:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-35-C	Lab Sample ID:	460-72174-35		
Client ID:	PMP-9SW-WT				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown Cycloalkane		NIST02.L	0		0	0



Report Date: 14-Mar-2014 16:18:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9434.D

Injection Date: 14-Mar-2014 15:46:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-35-C Lab Sample ID: 460-72174-35

Client ID: PMP-9SW-WT

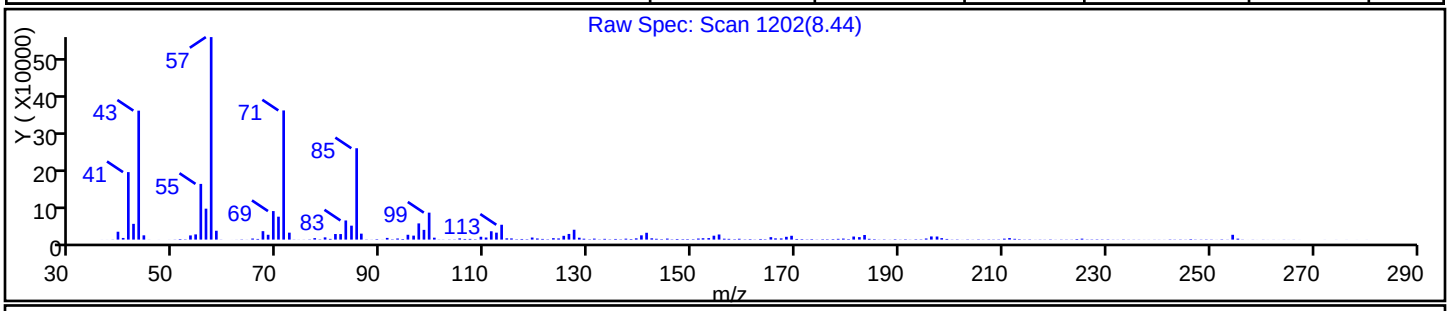
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

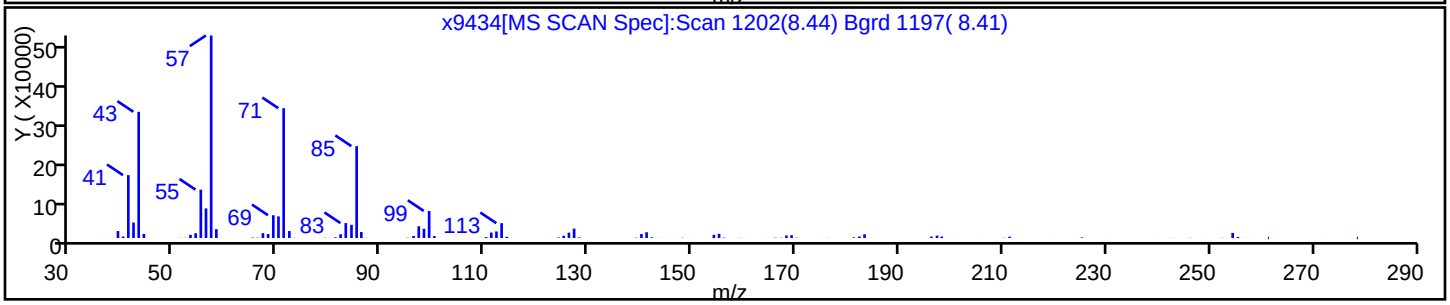
Injection Vol: 1.0 ul Dil. Factor: 5.0000

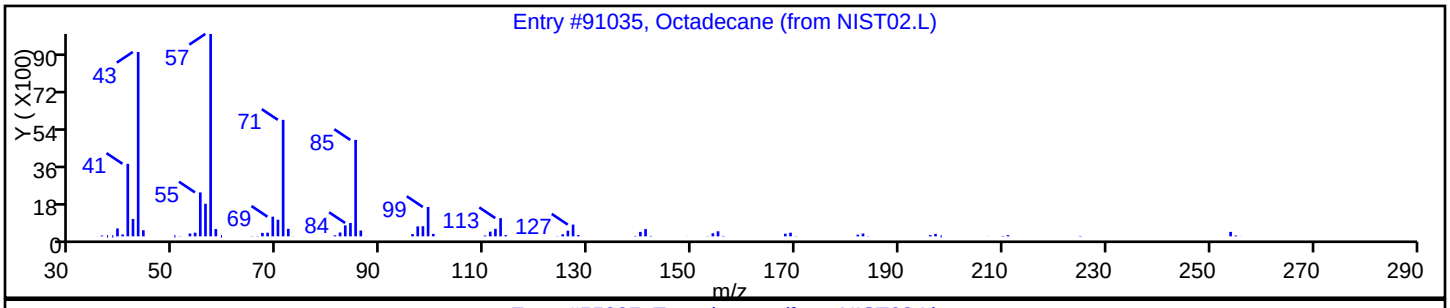
Method: 8270_5R Limit Group: SV 8270 ICAL

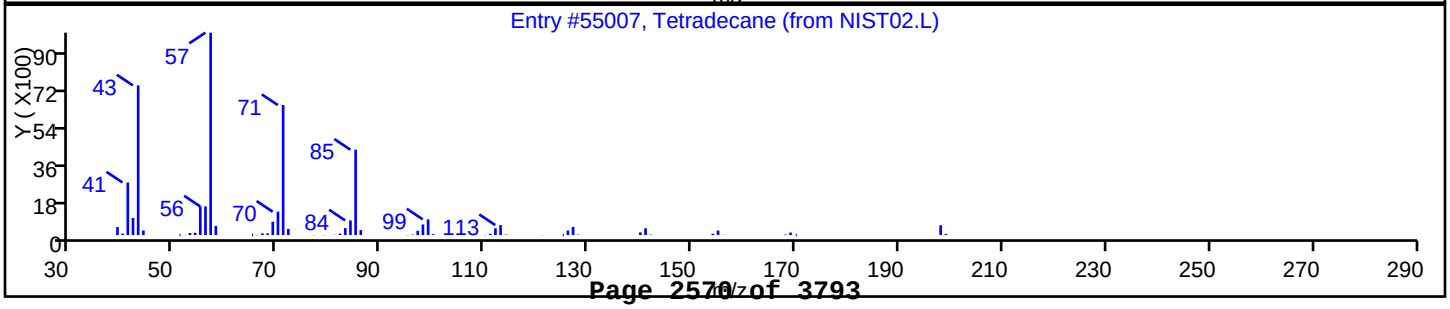
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Octadecane	593-45-3	NIST02.L	91035	C18H38	254	98
Tetradecane	629-59-4	NIST02.L	55007	C14H30	198	96









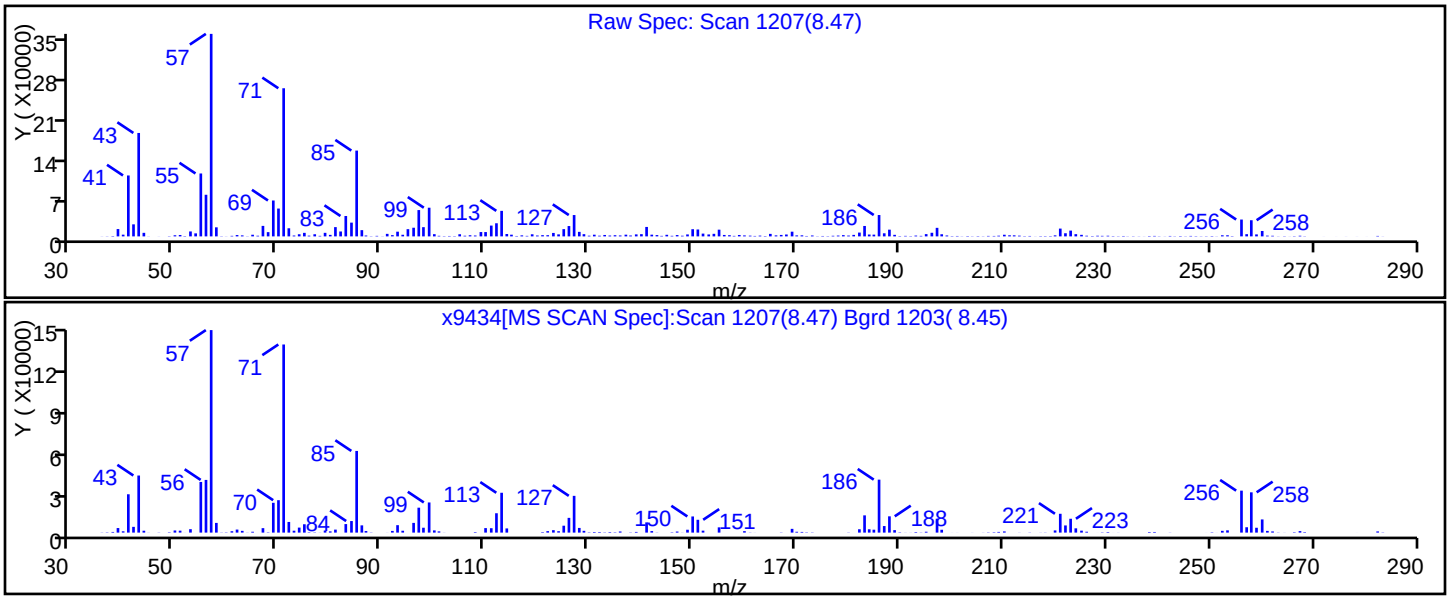
Report Date: 14-Mar-2014 16:18:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9434.D

Injection Date:	14-Mar-2014 15:46:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-35-C	Lab Sample ID:	460-72174-35		
Client ID:	PMP-9SW-WT				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 14-Mar-2014 16:18:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9434.D

Injection Date: 14-Mar-2014 15:46:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-35-C Lab Sample ID: 460-72174-35

Client ID: PMP-9SW-WT

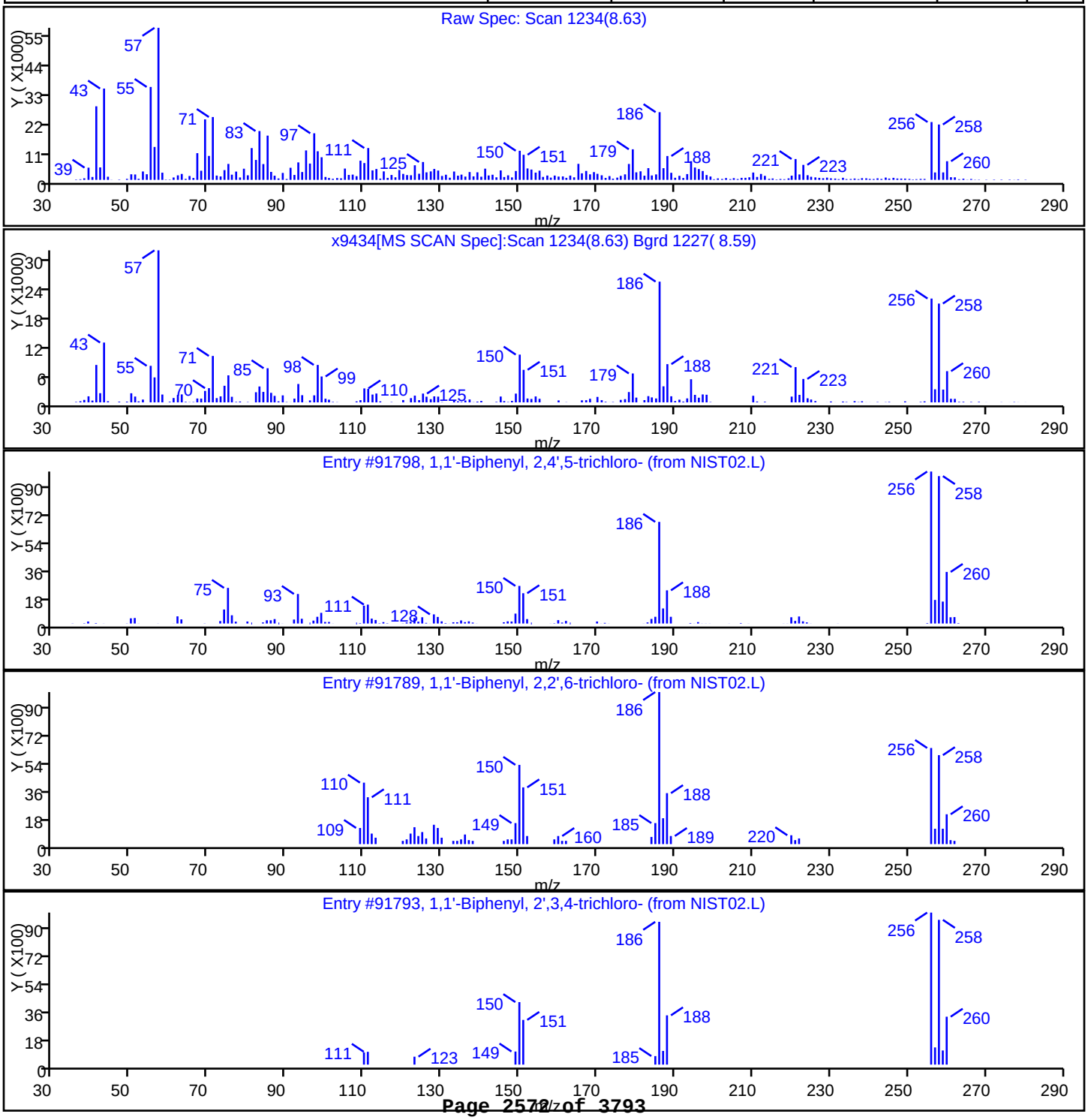
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91798	C12H7Cl3	256	96
1,1'-Biphenyl, 2,2',6-trichloro-	38444-73-4	NIST02.L	91789	C12H7Cl3	256	94
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	93



Report Date: 14-Mar-2014 16:18:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9434.D

Injection Date: 14-Mar-2014 15:46:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-35-C Lab Sample ID: 460-72174-35

Client ID: PMP-9SW-WT

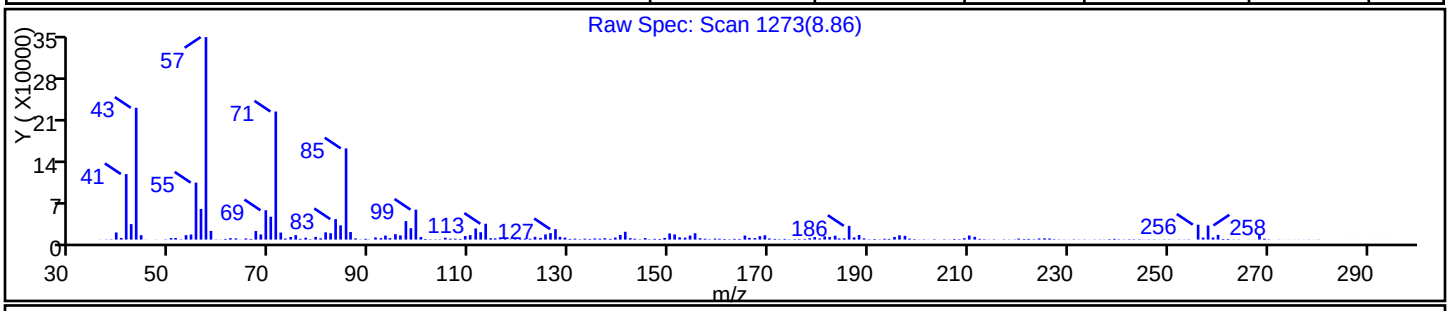
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

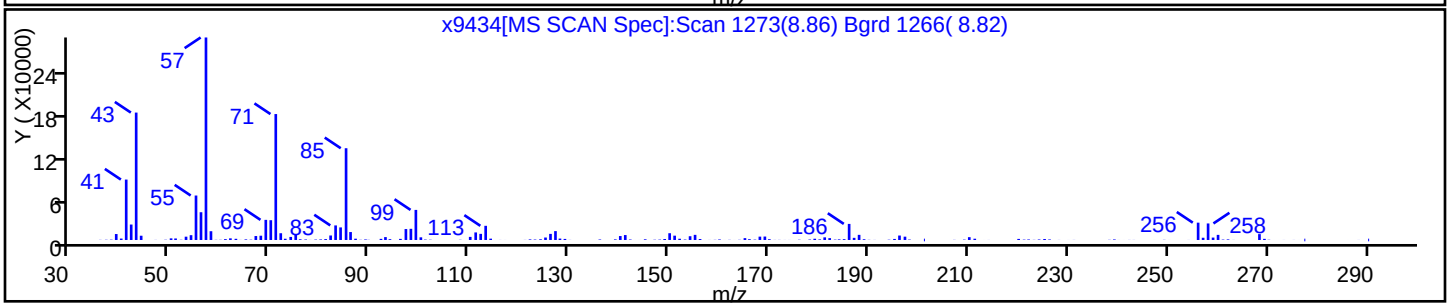
Injection Vol: 1.0 ul Dil. Factor: 5.0000

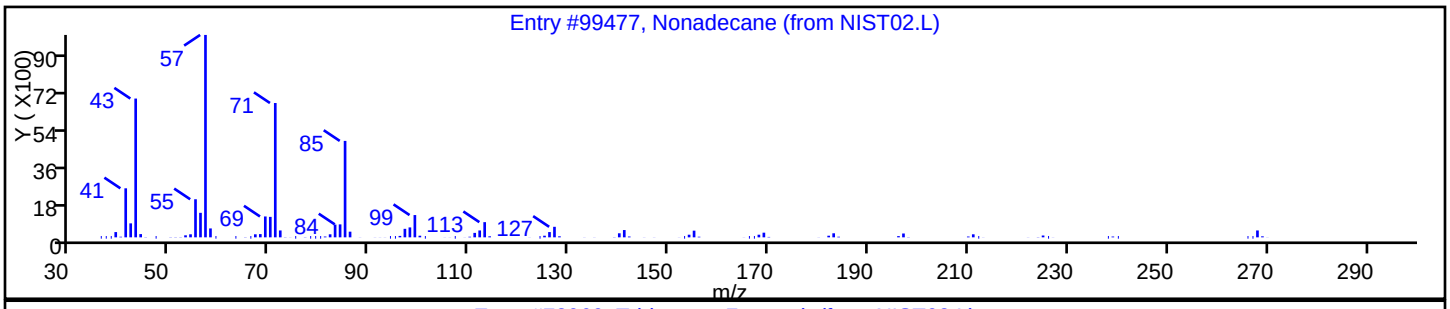
Method: 8270_5R Limit Group: SV 8270 ICAL

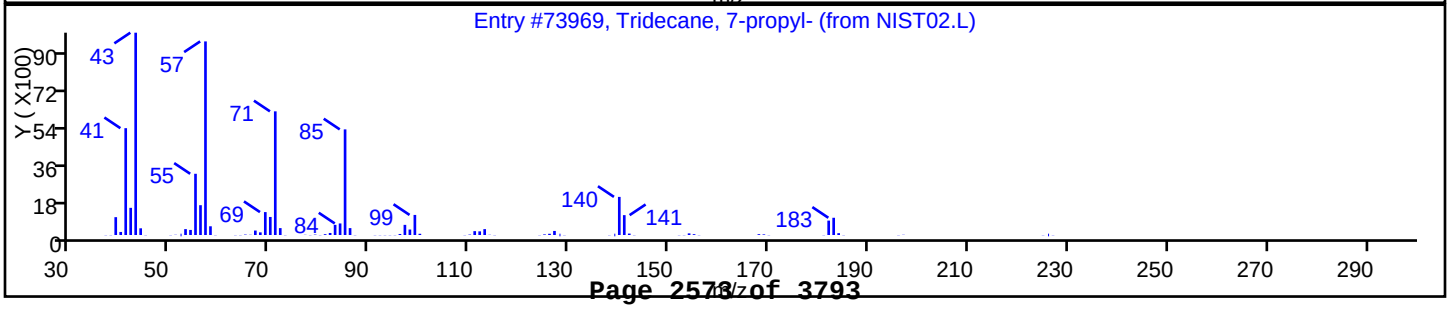
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Nonadecane	629-92-5	NIST02.L	99477	C19H40	268	96
Tridecane, 7-propyl-	55045-09-5	NIST02.L	73969	C16H34	226	90









Report Date: 14-Mar-2014 16:18:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9434.D

Injection Date: 14-Mar-2014 15:46:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-35-C Lab Sample ID: 460-72174-35

Client ID: PMP-9SW-WT

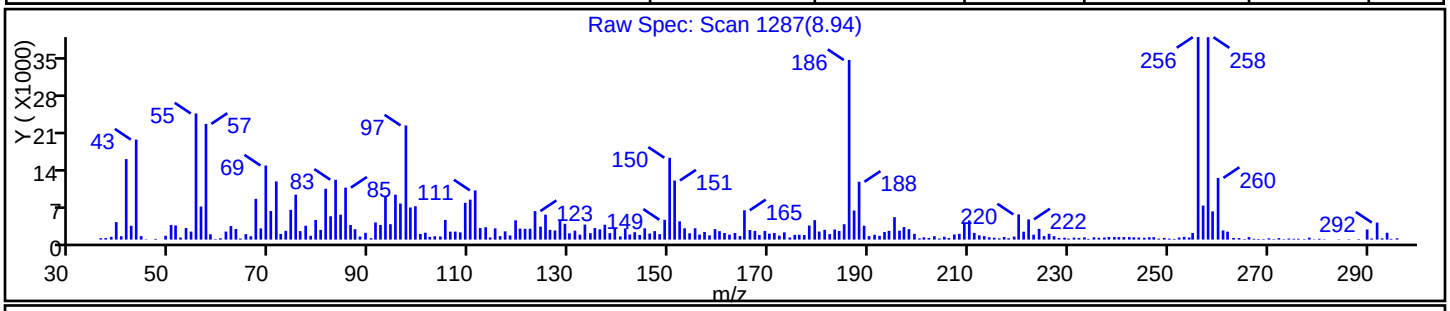
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

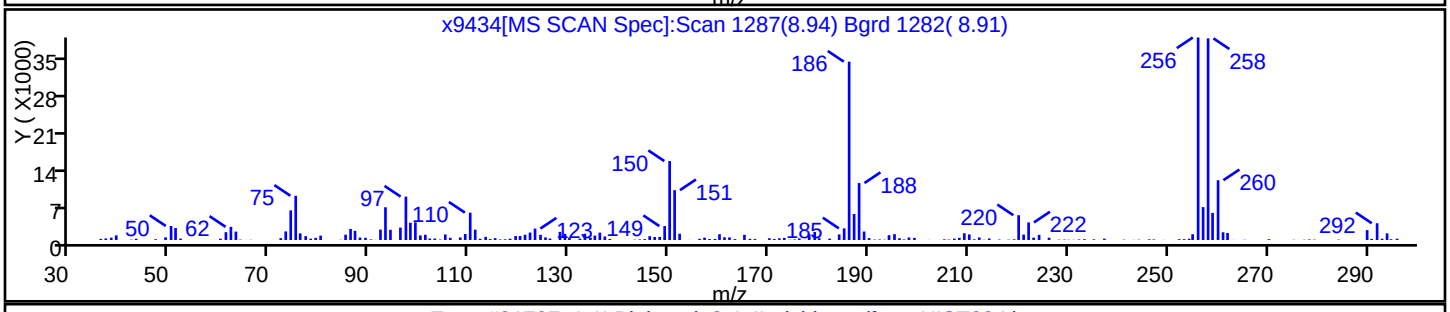
Injection Vol: 1.0 ul Dil. Factor: 5.0000

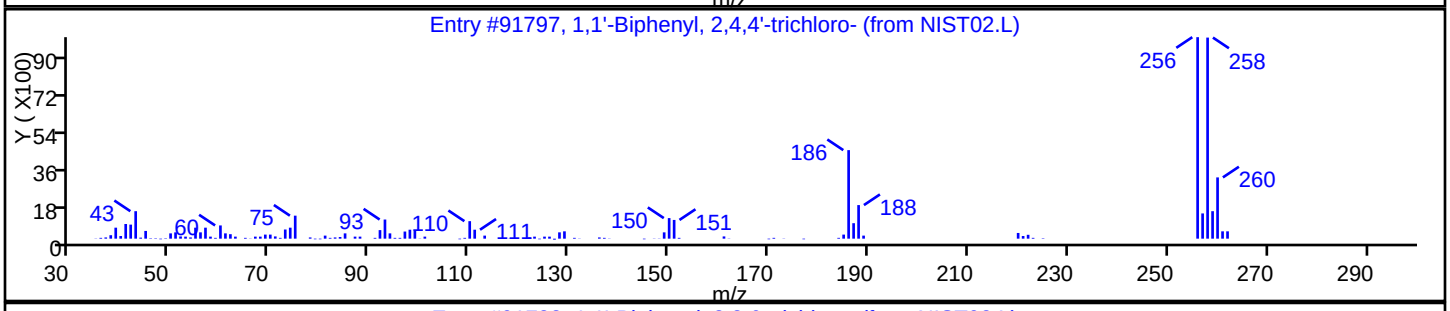
Method: 8270_5R Limit Group: SV 8270 ICAL

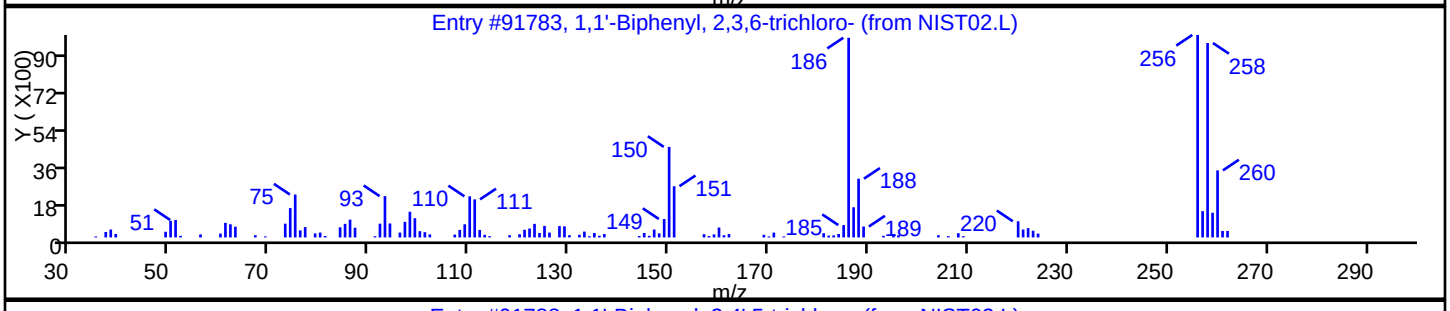
Column: Detector MS SCAN

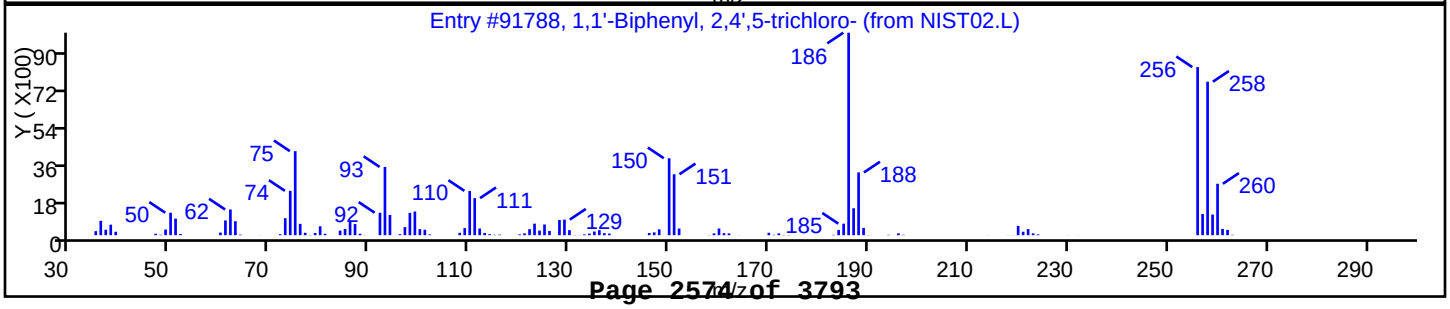
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91797	C12H7Cl3	256	95
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.L	91783	C12H7Cl3	256	95
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	95











FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-SI | Lab Sample ID: 460-72174-36

Matrix: Solid | Lab File ID: x9428.D

Analysis Method: 8270C | Date Collected: 03/06/2014 14:50

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.01(g) | Date Analyzed: 03/14/2014 13:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212566 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	51	U	380	51
95-57-8	2-Chlorophenol	50	U	380	50
95-48-7	2-Methylphenol	65	U	380	65
106-44-5	4-Methylphenol	75	U	380	75
100-52-7	Benzaldehyde	45	U	380	45
98-86-2	Acetophenone	59	U	380	59
111-44-4	Bis(2-chloroethyl)ether	5.2	U	38	5.2
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	380	42
621-64-7	N-Nitrosodi-n-propylamine	6.4	U	38	6.4
98-95-3	Nitrobenzene	5.4	U *	38	5.4
67-72-1	Hexachloroethane	4.3	U	38	4.3
78-59-1	Isophorone	46	U	380	46
88-75-5	2-Nitrophenol	43	U	380	43
105-67-9	2,4-Dimethylphenol	94	U	380	94
120-83-2	2,4-Dichlorophenol	56	U	380	56
111-91-1	Bis(2-chloroethoxy)methane	49	U	380	49
91-20-3	Naphthalene	44	U	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.3	U	77	9.3
105-60-2	Caprolactam	88	U	380	88
59-50-7	4-Chloro-3-methylphenol	58	U	380	58
91-57-6	2-Methylnaphthalene	49	U	380	49
118-74-1	Hexachlorobenzene	5.2	U	38	5.2
77-47-4	Hexachlorocyclopentadiene	45	U	380	45
88-06-2	2,4,6-Trichlorophenol	45	U	380	45
95-95-4	2,4,5-Trichlorophenol	49	U	380	49
92-52-4	Diphenyl	51	U	380	51
91-58-7	2-Chloronaphthalene	43	U	380	43
88-74-4	2-Nitroaniline	160	U	380	160
606-20-2	2,6-Dinitrotoluene	12	U	77	12
131-11-3	Dimethyl phthalate	45	U	380	45
208-96-8	Acenaphthylene	45	U	380	45
99-09-2	3-Nitroaniline	140	U	380	140
83-32-9	Acenaphthene	56	U	380	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-SI | Lab Sample ID: 460-72174-36

Matrix: Solid | Lab File ID: x9428.D

Analysis Method: 8270C | Date Collected: 03/06/2014 14:50

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.01(g) | Date Analyzed: 03/14/2014 13:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212566 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	380	250
51-28-5	2,4-Dinitrophenol	220	U	770	220
132-64-9	Dibenzofuran	45	U	380	45
84-66-2	Diethyl phthalate	46	U	380	46
86-73-7	Fluorene	49	U	380	49
206-44-0	Fluoranthene	51	U	380	51
84-74-2	Di-n-butyl phthalate	47	U	380	47
121-14-2	2,4-Dinitrotoluene	13	U	77	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	380	45
100-01-6	4-Nitroaniline	120	U	770	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	770	100
101-55-3	4-Bromophenyl phenyl ether	38	U	380	38
1912-24-9	Atrazine	59	U	380	59
120-12-7	Anthracene	46	U	380	46
86-74-8	Carbazole	45	U	380	45
85-01-8	Phenanthrene	49	U	380	49
87-86-5	Pentachlorophenol	110	U	770	110
129-00-0	Pyrene	32	U	380	32
218-01-9	Chrysene	45	U	380	45
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.7	U	38	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	380	38
85-68-7	Butyl benzyl phthalate	35	U	380	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	24	U	380	24
193-39-5	Indeno[1,2,3-cd]pyrene	7.1	U	38	7.1
53-70-3	Dibenz(a,h)anthracene	4.8	U	38	4.8
91-94-1	3,3'-Dichlorobenzidine	130	U	380	130
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	380	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-SI Lab Sample ID: 460-72174-36

Matrix: Solid Lab File ID: x9428.D

Analysis Method: 8270C Date Collected: 03/06/2014 14:50

Extract. Method: 3541 Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.01(g) Date Analyzed: 03/14/2014 13:18

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212566 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	82		40-106
4165-62-2	Phenol-d5	77		44-104
1718-51-0	Terphenyl-d14	81		41-145
118-79-6	2,4,6-Tribromophenol	87		19-114
367-12-4	2-Fluorophenol	72		39-103
321-60-8	2-Fluorobiphenyl	84		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-SI | Lab Sample ID: 460-72174-36

Matrix: Solid | Lab File ID: x9428.D

Analysis Method: 8270C | Date Collected: 03/06/2014 14:50

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.01(g) | Date Analyzed: 03/14/2014 13:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212566 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 20380

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown alkane	6.84	710	J
	Unknown alkane	7.04	1100	J
	Unknown alkane	7.53	1300	J
	Unknown alkane	7.75	1300	J
	Unknown	7.94	740	J
	Unknown alkane	7.99	3000	J
	Unknown	8.05	550	J
	Unknown alkane	8.18	630	J
1000104-10-8	3-Methyl-4-(methoxycarbonyl)hexa-2,4-die	8.28	640	J N
7694-30-6	Benzene, 1,1'-(1,2-cyclobutanediyl)bis-,	8.31	600	J N
	Unknown alkane	8.43	1400	J
	Unknown alkane	8.46	1100	J
37680-65-2	1,1'-Biphenyl, 2,2',5-trichloro-	8.62	950	J N
	Unknown alkane	8.85	1500	J
38444-84-7	1,1'-Biphenyl, 2,3,3'-trichloro-	8.94	610	J N
107426-38-0	Naphtho[2,3-b]norbornadiene	9.11	570	J N
	Unknown alkane	9.25	840	J
	Unknown alkane	9.63	860	J
10544-50-0	Cyclic octaatomic sulfur	9.76	880	J N
111-06-8	Hexadecanoic acid, butyl ester	9.94	1100	J N

Report Date: 14-Mar-2014 15:44:30 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9428.D
Lims ID: 460-72174-F-36-C Lab Sample ID: 460-72174-36
Client ID: PMP-9SW-SI
Sample Type: Client
Inject. Date: 14-Mar-2014 13:18:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010857-019
Operator ID: Instrument ID: CBNAMS5

Method: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\8270_5R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 15:44:29 Calib Date: 11-Mar-2014 10:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS5\20140311-10688.b\x9292.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: ranav Date: 14-Mar-2014 13:48:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.847	2.811	0.036	92	476198	36.2	
$ 6 Phenol-d5	99	3.741	3.752	-0.011	84	610322	38.3	
* 13 1,4-Dichlorobenzene-d4	152	4.035	4.035	0.0	98	344677	40.0	
$ 25 Nitrobenzene-d5	82	4.594	4.605	-0.011	91	579551	40.9	
* 35 Naphthalene-d8	136	5.317	5.317	0.0	100	1306136	40.0	
41 2-Methylnaphthalene	142	6.029	6.035	-0.006	82	8038	0.3810	
$ 48 2-Fluorobiphenyl	172	6.405	6.411	-0.006	98	892767	41.8	
* 61 Acenaphthene-d10	164	7.064	7.064	0.0	93	623851	40.0	
70 Fluorene	166	7.599	7.605	-0.006	60	2616	0.1461	
$ 76 2,4,6-Tribromophenol	330	7.840	7.846	-0.006	93	113822	43.3	
* 83 Phenanthrene-d10	188	8.517	8.517	0.0	99	781535	40.0	
84 Phenanthrene	178	8.534	8.540	-0.006	47	10056	0.4823	
87 Di-n-butyl phthalate	149	9.105	9.105	0.0	72	3637	0.1735	
$ 91 Terphenyl-d14	244	10.081	10.081	0.0	99	575361	40.4	
* 96 Chrysene-d12	240	11.205	11.205	0.0	100	475791	40.0	
* 103 Perylene-d12	264	13.046	13.046	0.0	99	341690	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9428.D
Lims ID: 460-72174-F-36-C Lab Sample ID: 460-72174-36
Client ID: PMP-9SW-SI
Sample Type: Client
Inject. Date: 14-Mar-2014 13:18:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010857-019
Operator ID: Instrument ID: CBNAMS5

Method: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\8270_5R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 15:44:29 Calib Date: 11-Mar-2014 10:31:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: ranav Date: 14-Mar-2014 13:48:57

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown alkane						
6.835	655439	9.19	61	0	0		0	
		Unknown alkane						
7.040	1003985	14.1	61	0	0		0	
		Unknown alkane						
7.529	1241077	17.4	61	0	0		0	
		Unknown alkane						
7.746	1222144	17.1	61	0	0		0	
		Unknown						
7.940	590788	9.54	83					
		Unknown alkane						
7.993	2375064	38.4	83	0	0		0	
		Unknown						
8.046	441974	7.14	83					
		Unknown alkane						
8.182	509959	8.24	83	0	0		0	
1000104-10-8		3-Methyl-4-(methoxycarbonyl)hexa-2,4-die						
8.276	518144	8.37	83	86	45954	C9H12O4	184	
7694-30-6		Benzene, 1,1'-(1,2-cyclobutanediyl)bis-,						
8.311	484943	7.83	83	87	61774	C16H16	208	
		Unknown alkane						
8.434	1165078	18.8	83	0	0		0	
		Unknown alkane						
8.464	858866	13.9	83	0	0		0	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	37680-65-2	1,1'-Biphenyl, 2,2',5-trichloro-						
8.623	766758	12.4	83	95	91795	C12H7Cl3	256	
		Unknown alkane						
8.852	1168078	18.9	83	0	0		0	
	38444-84-7	1,1'-Biphenyl, 2,3,3'-trichloro-						
8.940	487109	7.87	83	99	91792	C12H7Cl3	256	
	107426-38-0	Naphtho[2,3-b]norbornadiene						
9.105	457442	7.39	83	81	50634	C15H12	192	
		Unknown alkane						
9.252	676218	10.9	83	0	0		0	
		Unknown alkane						
9.629	693980	11.2	83	0	0		0	
	10544-50-0	Cyclic octaatomic sulfur						
9.758	709359	11.5	83	94	92477	S8	256	
	111-06-8	Hexadecanoic acid, butyl ester						
9.940	475224	14.5	96	97	124071	C20H40O2	312	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.064	2854223	40.0
* 83 Phenanthrene-d10	8.517	2476270	40.0
* 96 Chrysene-d12	11.205	1309945	40.0

QC Flag Legend

Processing Flags

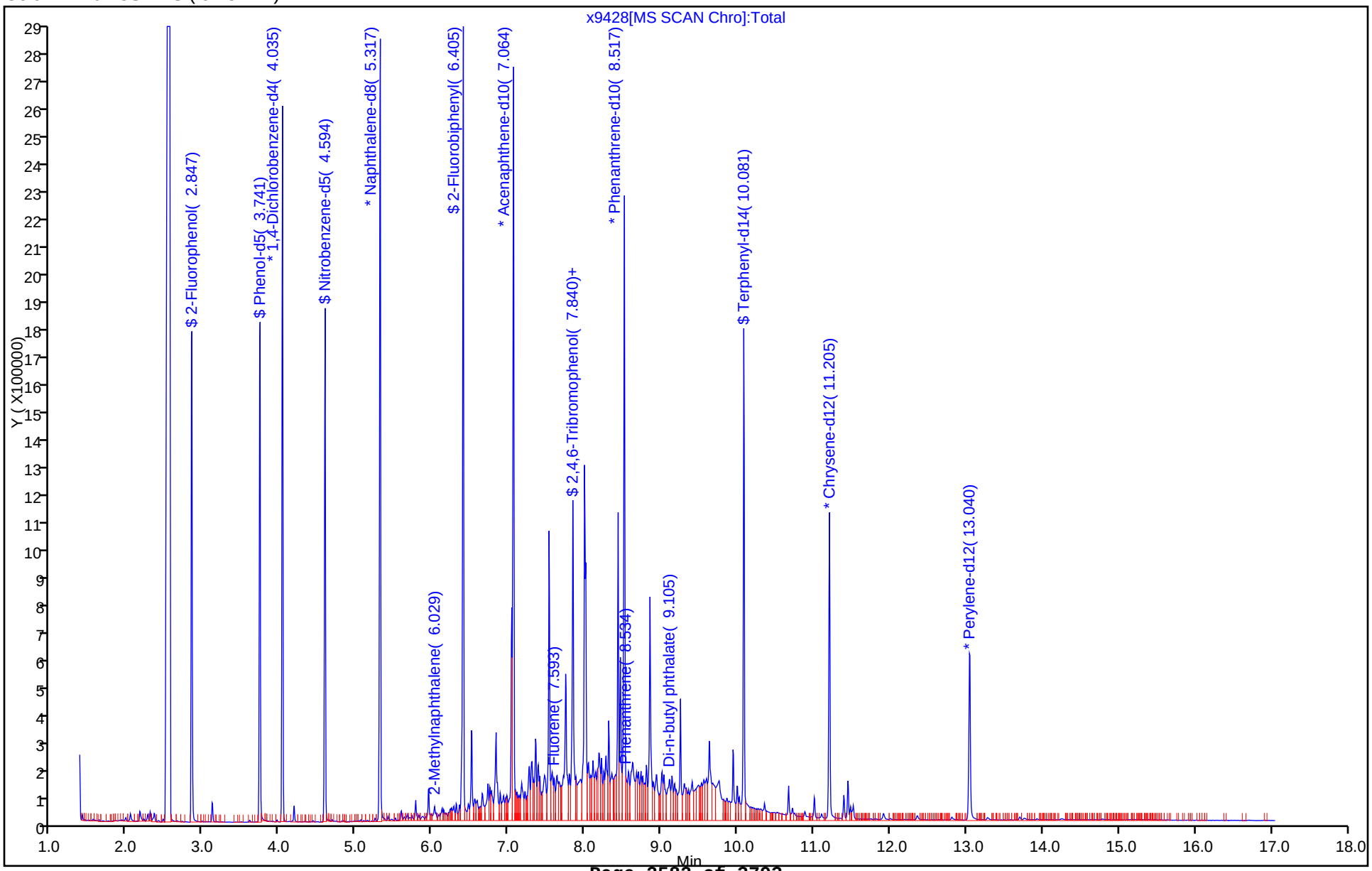
Report Date: 14-Mar-2014 15:44:30 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9428.D

Injection Date:	14-Mar-2014 13:18:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-72174-F-36-C	Lab Sample ID:	460-72174-36	Worklist Smp#:	19
Client ID:	PMP-9SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8270_5R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 14-Mar-2014 15:44:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9428.D

Injection Date: 14-Mar-2014 13:18:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-36-C Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

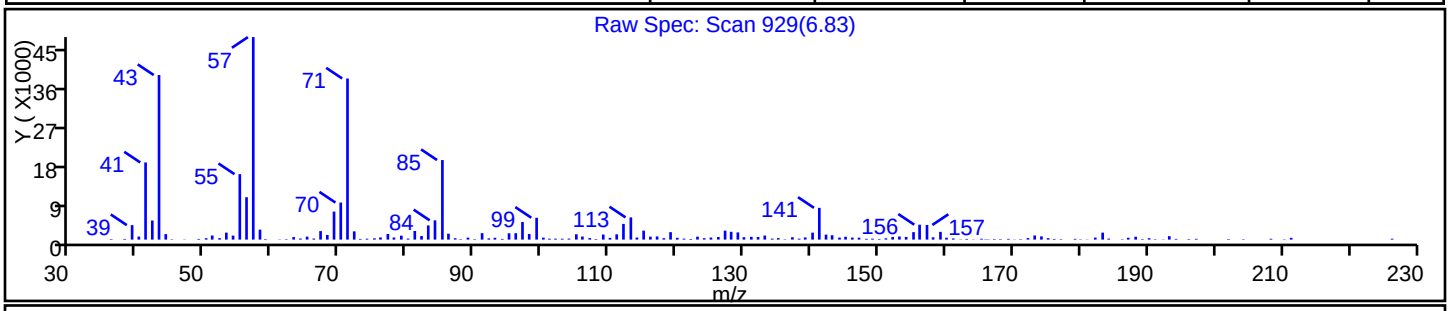
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

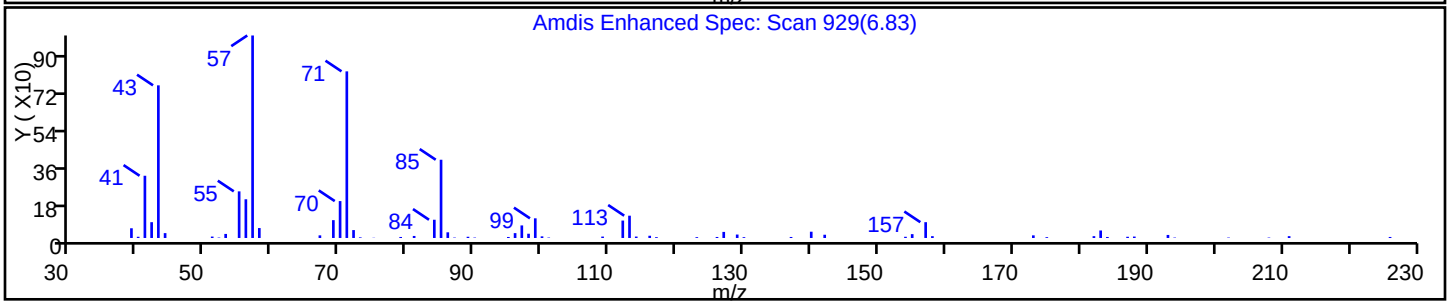
Injection Vol: 1.0 ul Dil. Factor: 1.0000

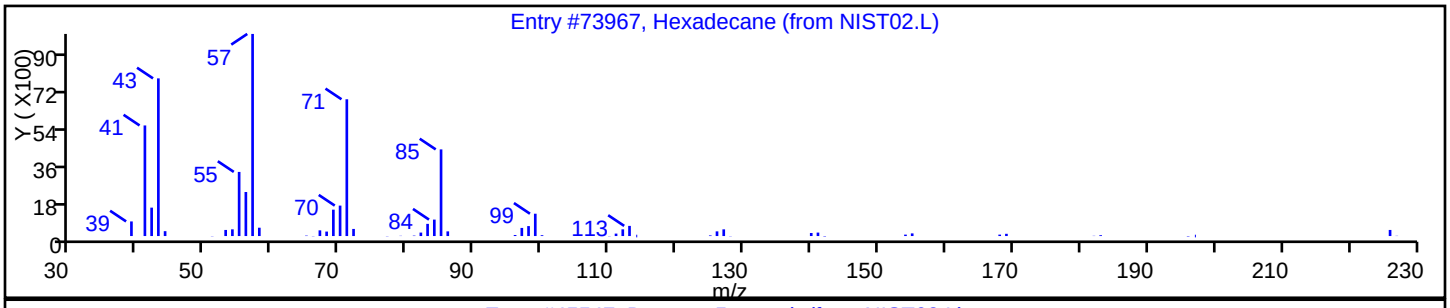
Method: 8270_5R Limit Group: SV 8270 ICAL

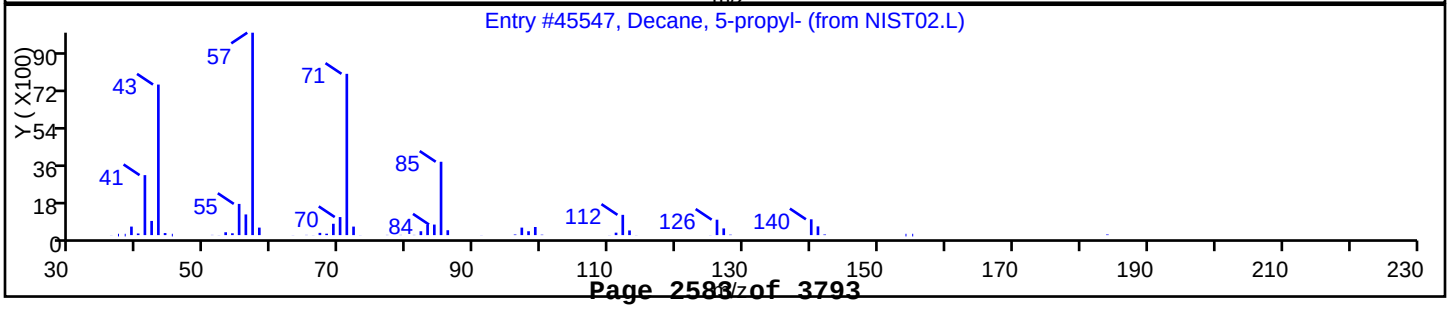
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane	544-76-3	NIST02.L	73967	C16H34	226	86
Decane, 5-propyl-	17312-62-8	NIST02.L	45547	C13H28	184	81









Report Date: 14-Mar-2014 15:44:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9428.D

Injection Date: 14-Mar-2014 13:18:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-36-C Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

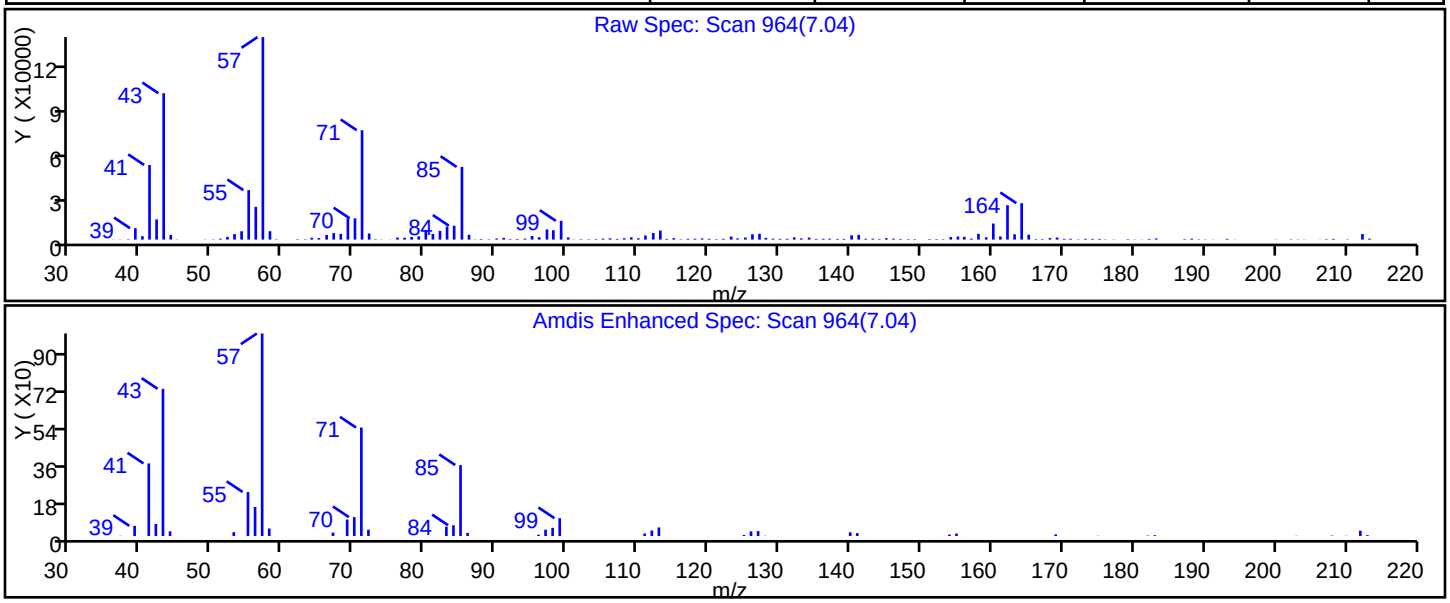
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

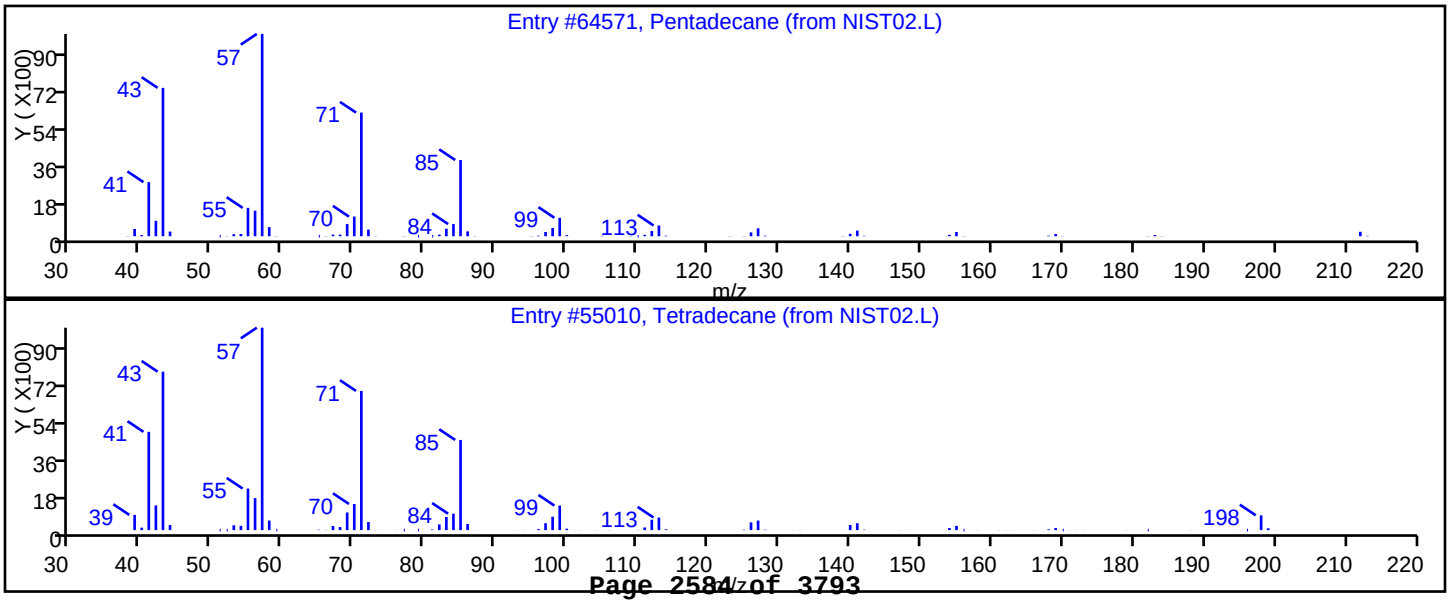
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Pentadecane	629-62-9	NIST02.L	64571	C15H32	212	94
Tetradecane	629-59-4	NIST02.L	55010	C14H30	198	91





Report Date: 14-Mar-2014 15:44:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9428.D

Injection Date: 14-Mar-2014 13:18:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-36-C Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

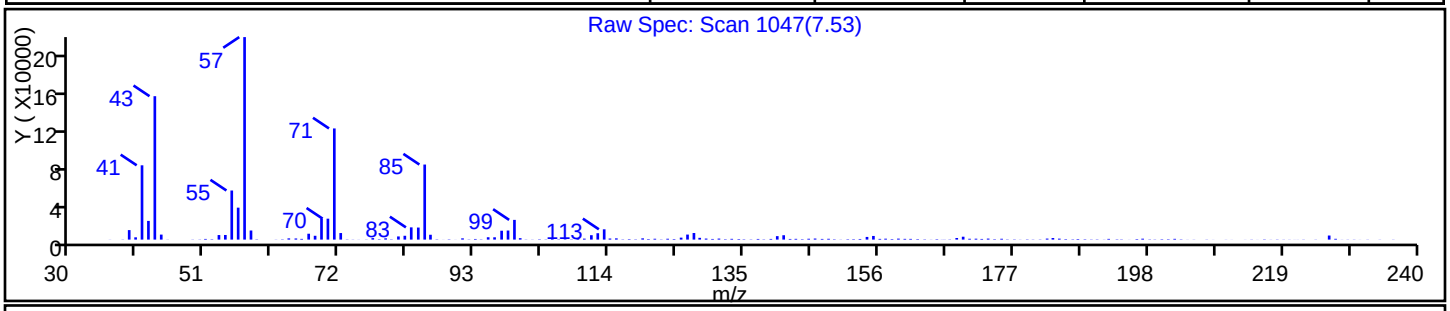
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

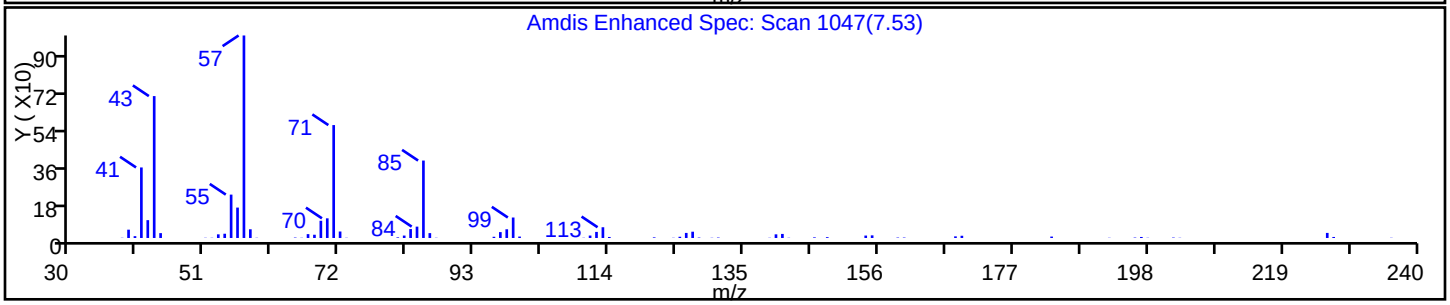
Injection Vol: 1.0 ul Dil. Factor: 1.0000

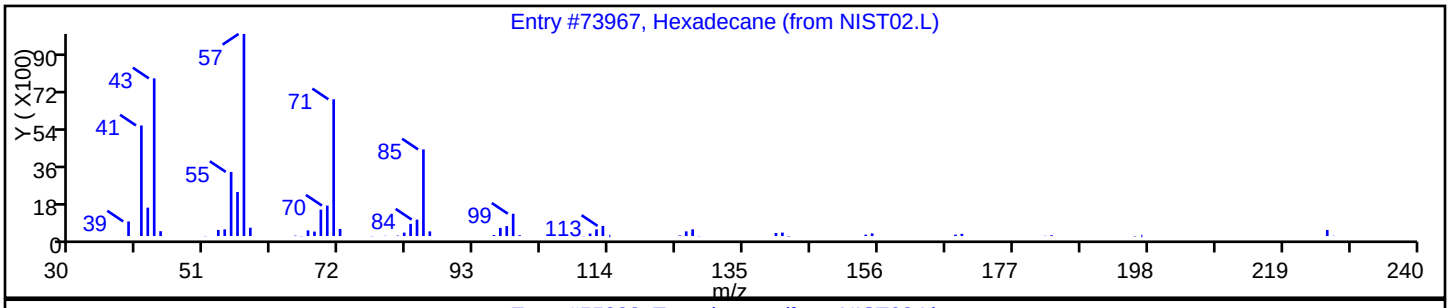
Method: 8270_5R Limit Group: SV 8270 ICAL

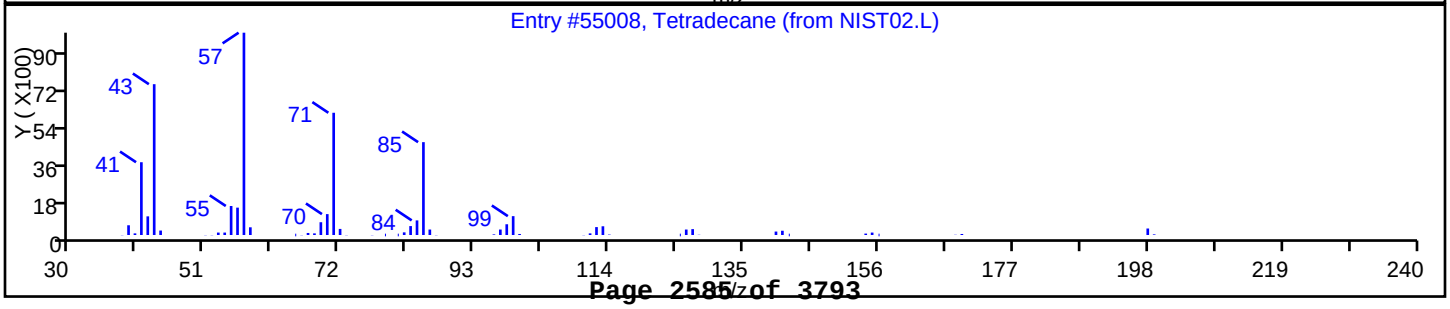
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane	544-76-3	NIST02.L	73967	C16H34	226	98
Tetradecane	629-59-4	NIST02.L	55008	C14H30	198	91









Report Date: 14-Mar-2014 15:44:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9428.D

Injection Date: 14-Mar-2014 13:18:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-36-C Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

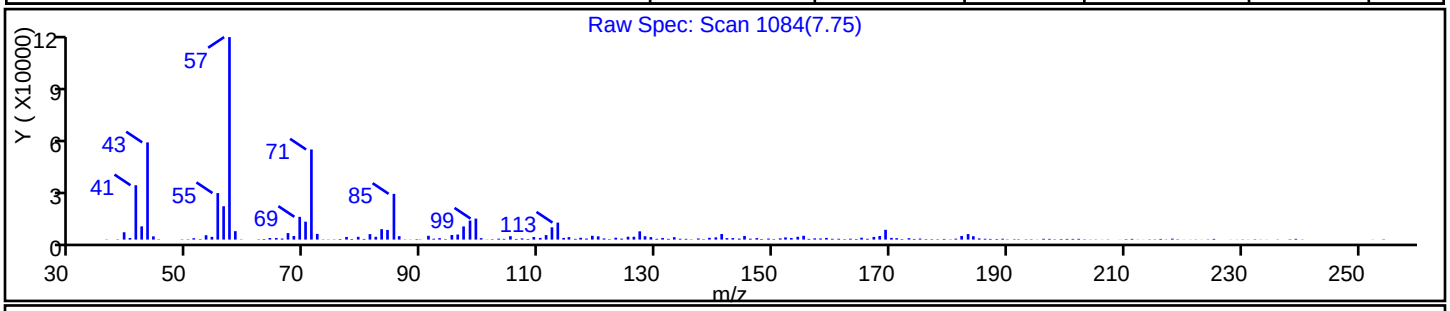
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

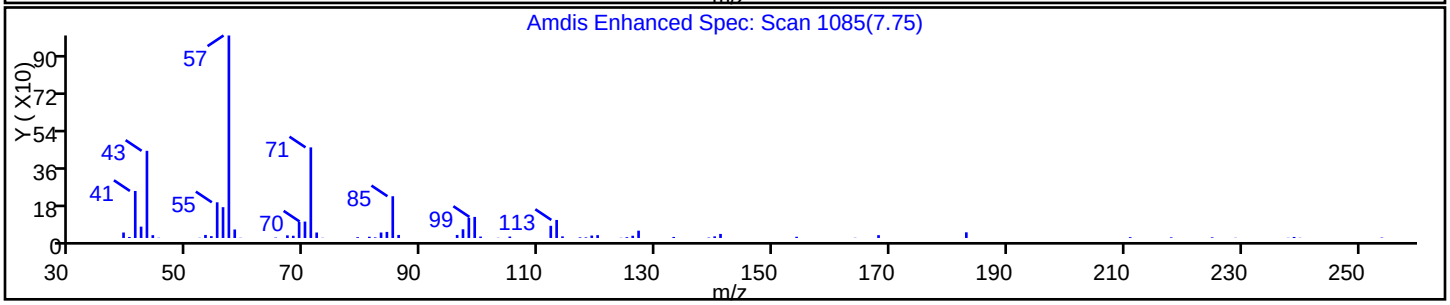
Injection Vol: 1.0 ul Dil. Factor: 1.0000

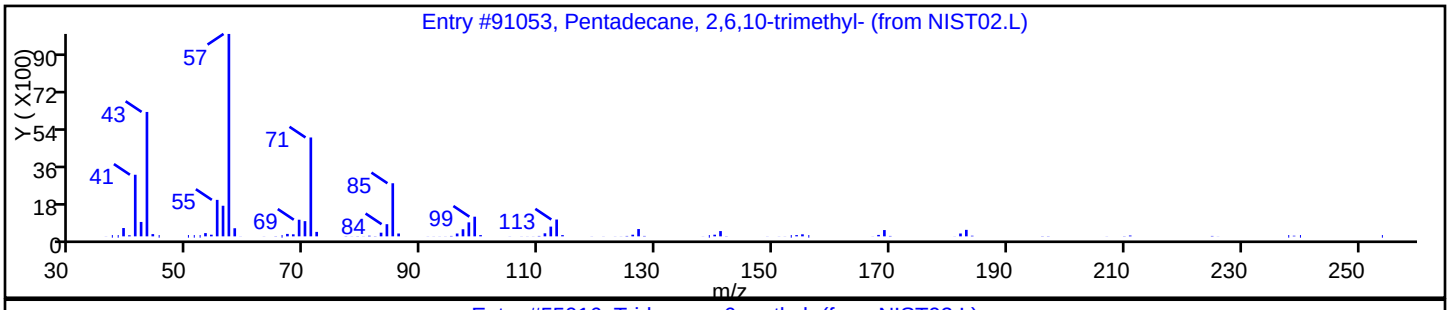
Method: 8270_5R Limit Group: SV 8270 ICAL

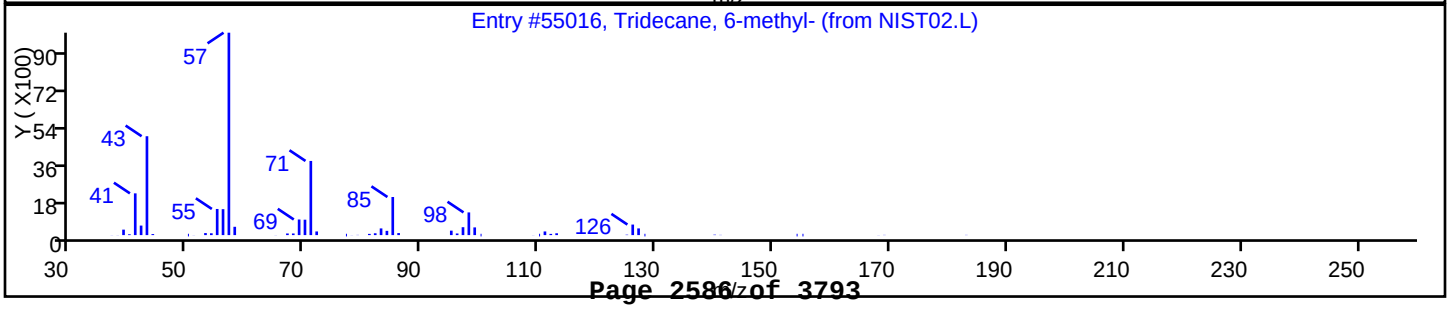
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	90
Tridecane, 6-methyl-	13287-21-3	NIST02.L	55016	C14H30	198	80









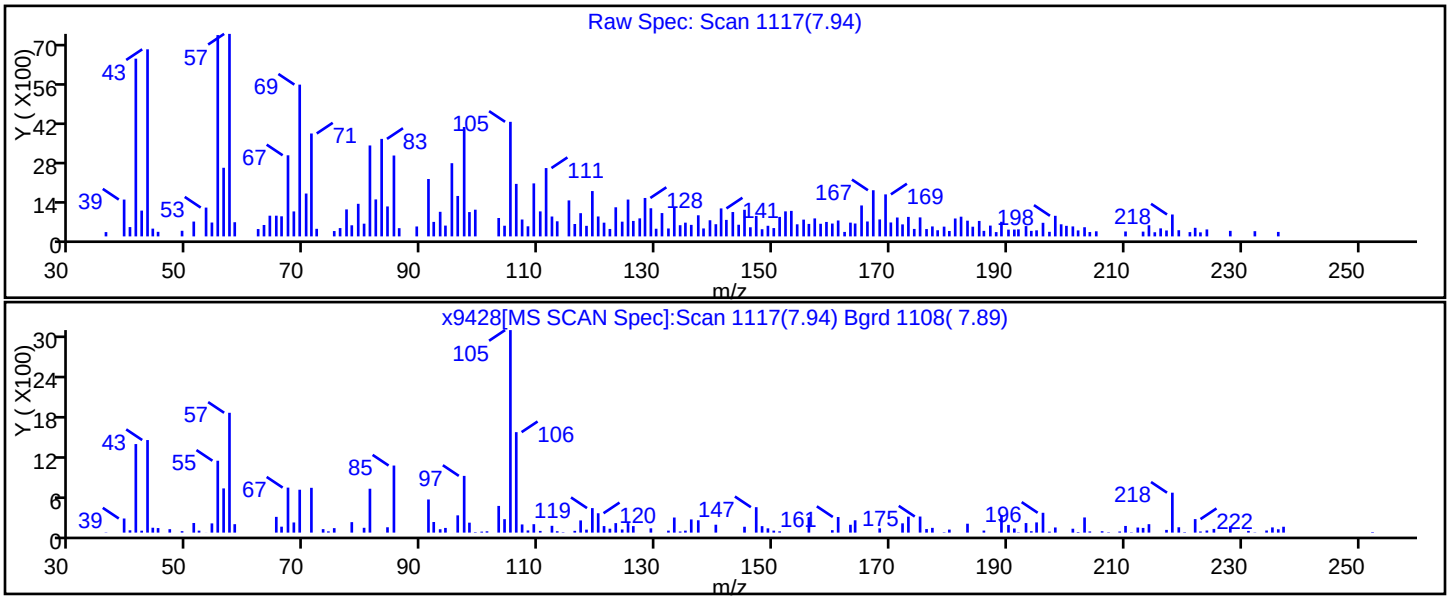
Report Date: 14-Mar-2014 15:44:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9428.D

Injection Date:	14-Mar-2014 13:18:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-36-C	Lab Sample ID:	460-72174-36		
Client ID:	PMP-9SW-SI				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 14-Mar-2014 15:44:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9428.D

Injection Date: 14-Mar-2014 13:18:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-36-C Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

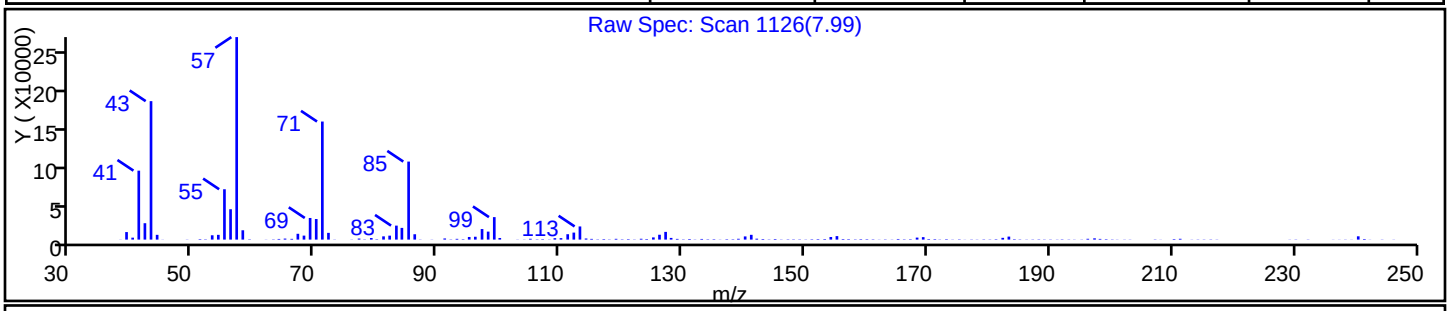
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

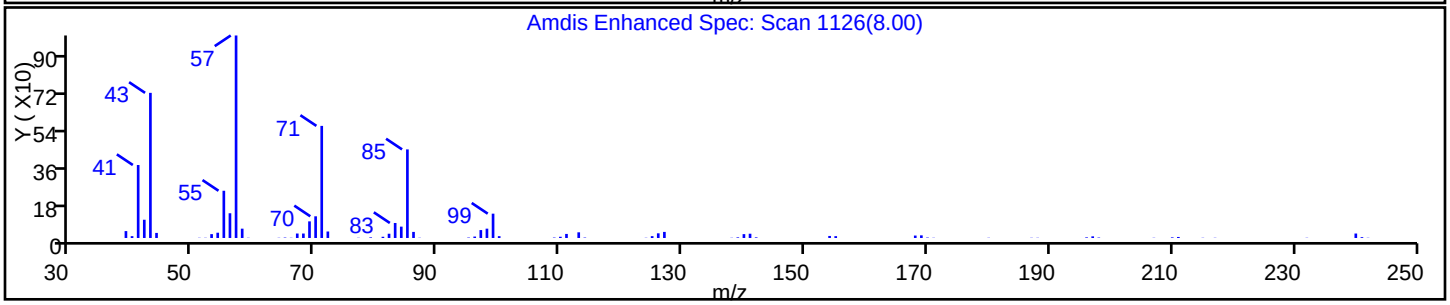
Injection Vol: 1.0 ul Dil. Factor: 1.0000

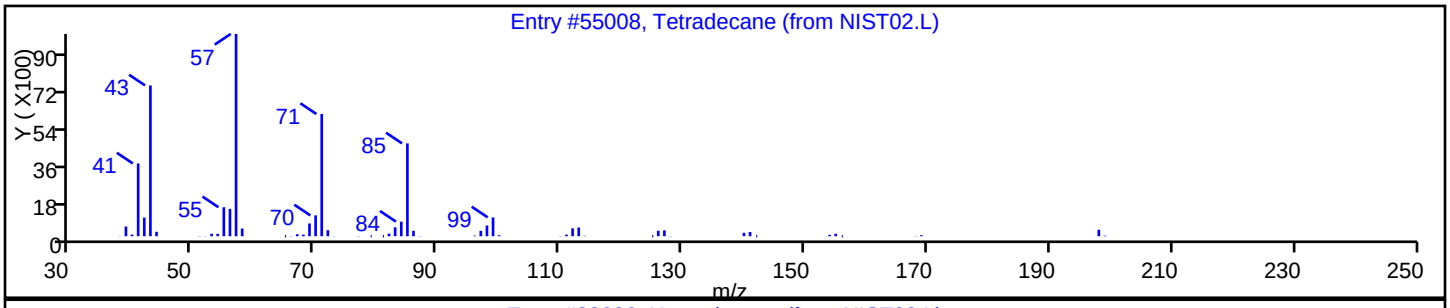
Method: 8270_5R Limit Group: SV 8270 ICAL

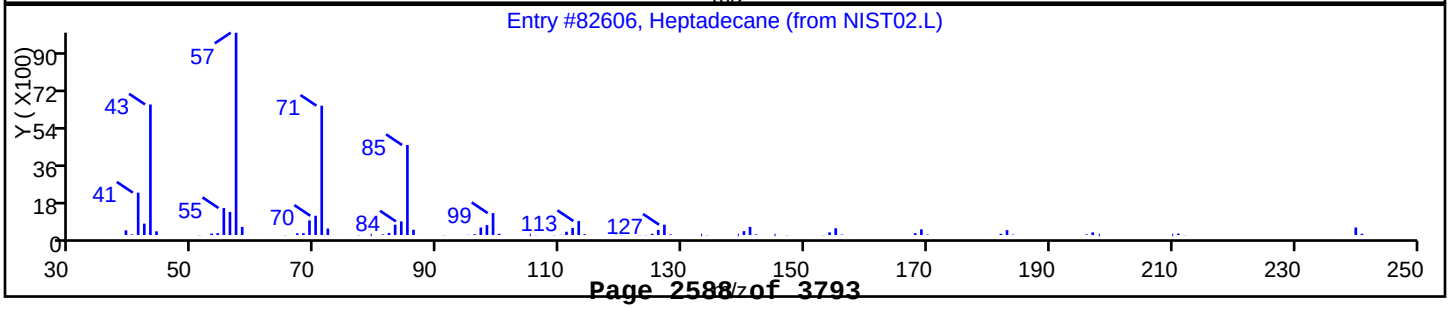
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Tetradecane	629-59-4	NIST02.L	55008	C14H30	198	95
Heptadecane	629-78-7	NIST02.L	82606	C17H36	240	94









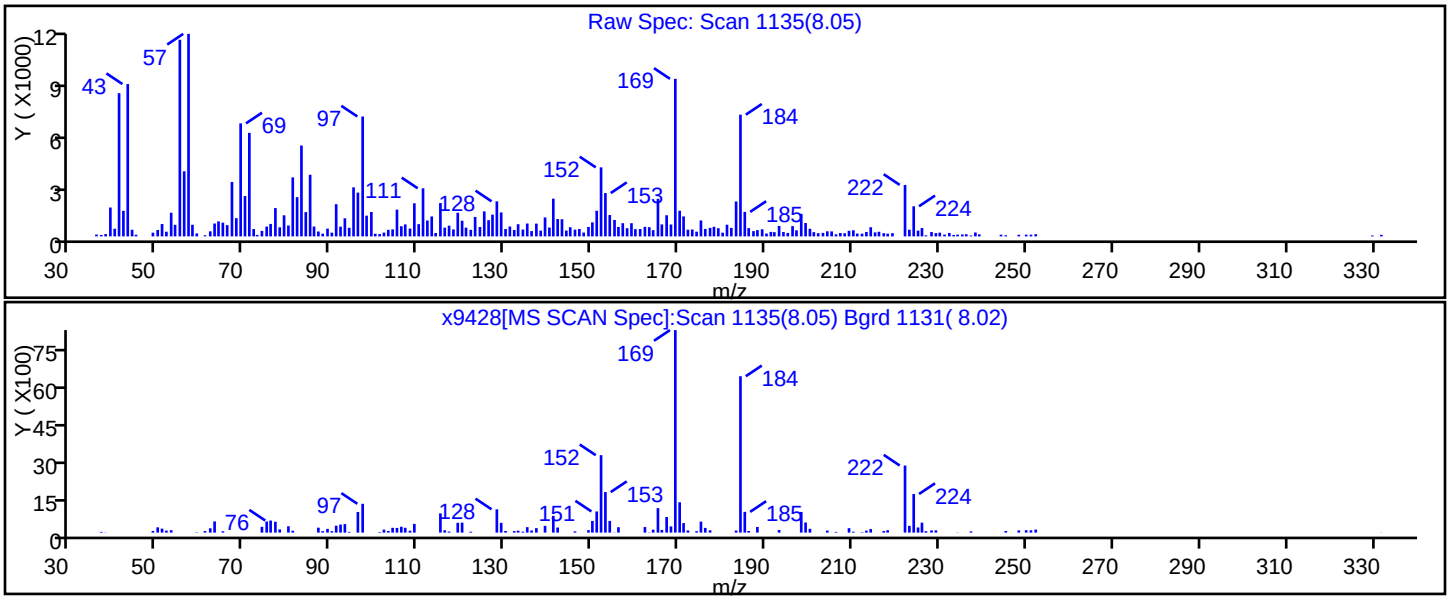
Report Date: 14-Mar-2014 15:44:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9428.D

Injection Date:	14-Mar-2014 13:18:30	Instrument ID:	CBNAMS5		
Lims ID:	460-72174-F-36-C	Lab Sample ID:	460-72174-36		
Client ID:	PMP-9SW-SI				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 14-Mar-2014 15:44:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9428.D

Injection Date: 14-Mar-2014 13:18:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-36-C Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

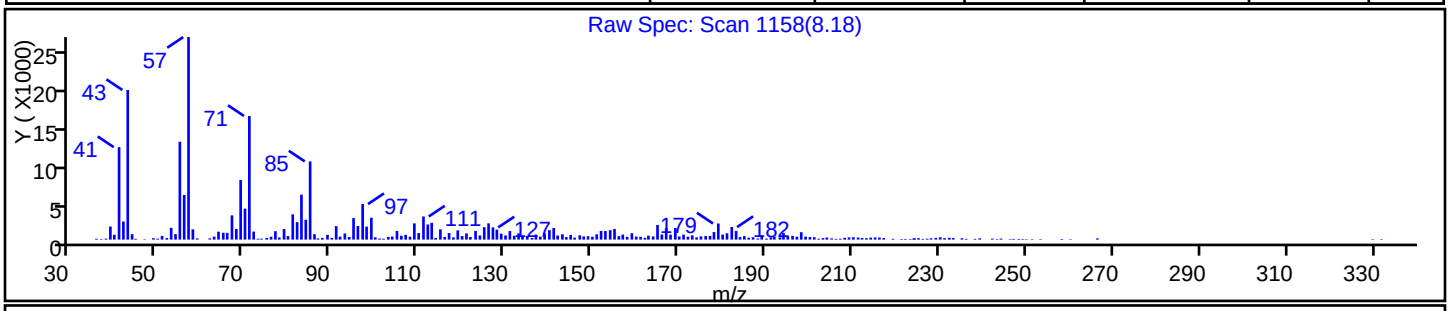
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

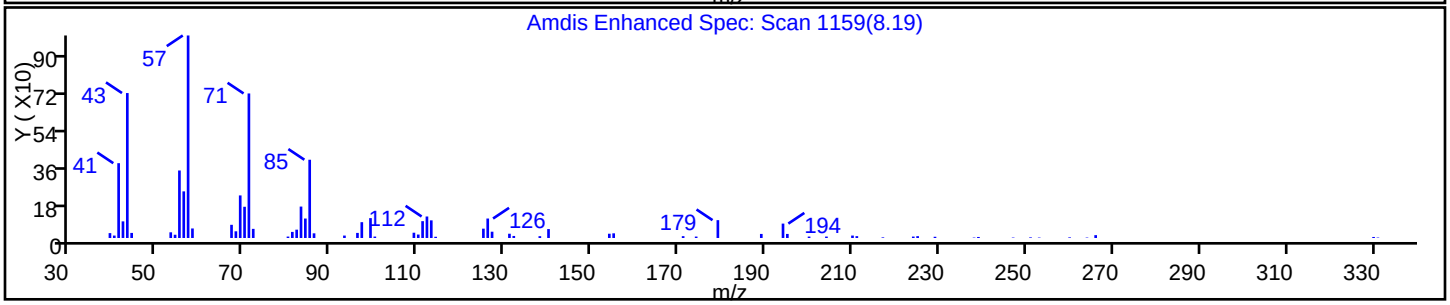
Injection Vol: 1.0 ul Dil. Factor: 1.0000

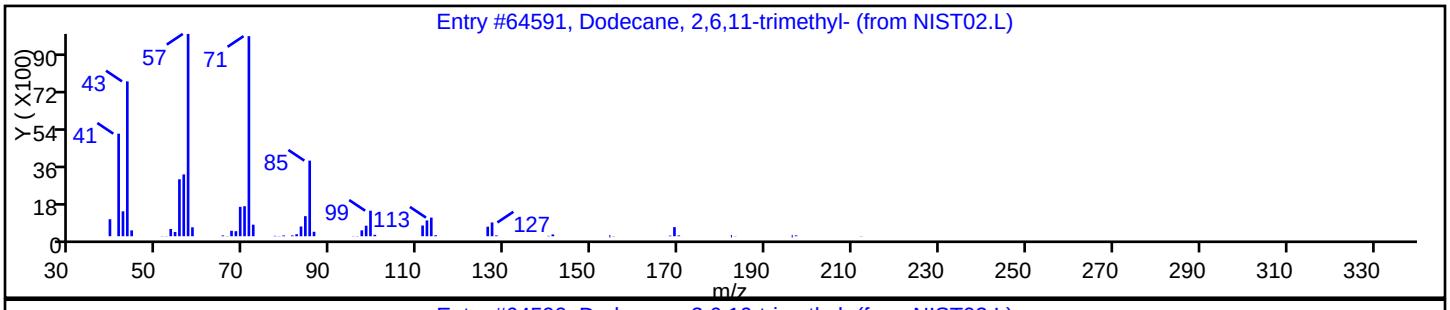
Method: 8270_5R Limit Group: SV 8270 ICAL

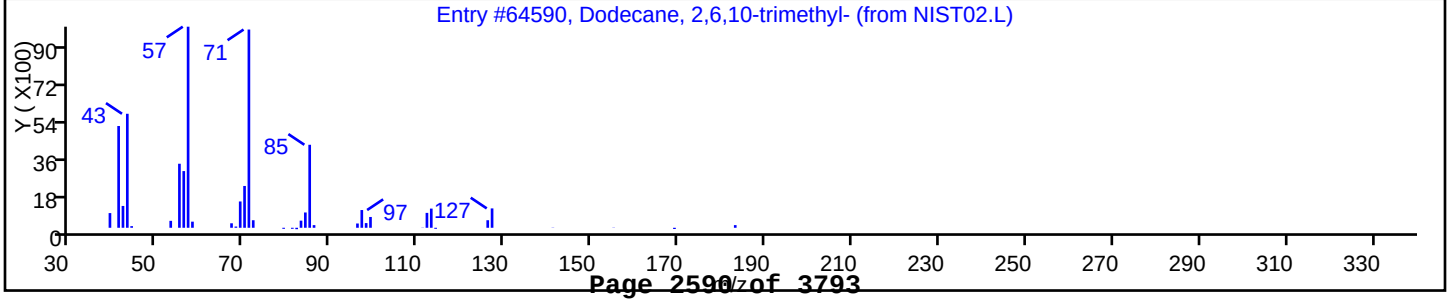
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64591	C15H32	212	86
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	C15H32	212	86









Report Date: 14-Mar-2014 15:44:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

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Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9428.D

Injection Date: 14-Mar-2014 13:18:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-36-C Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

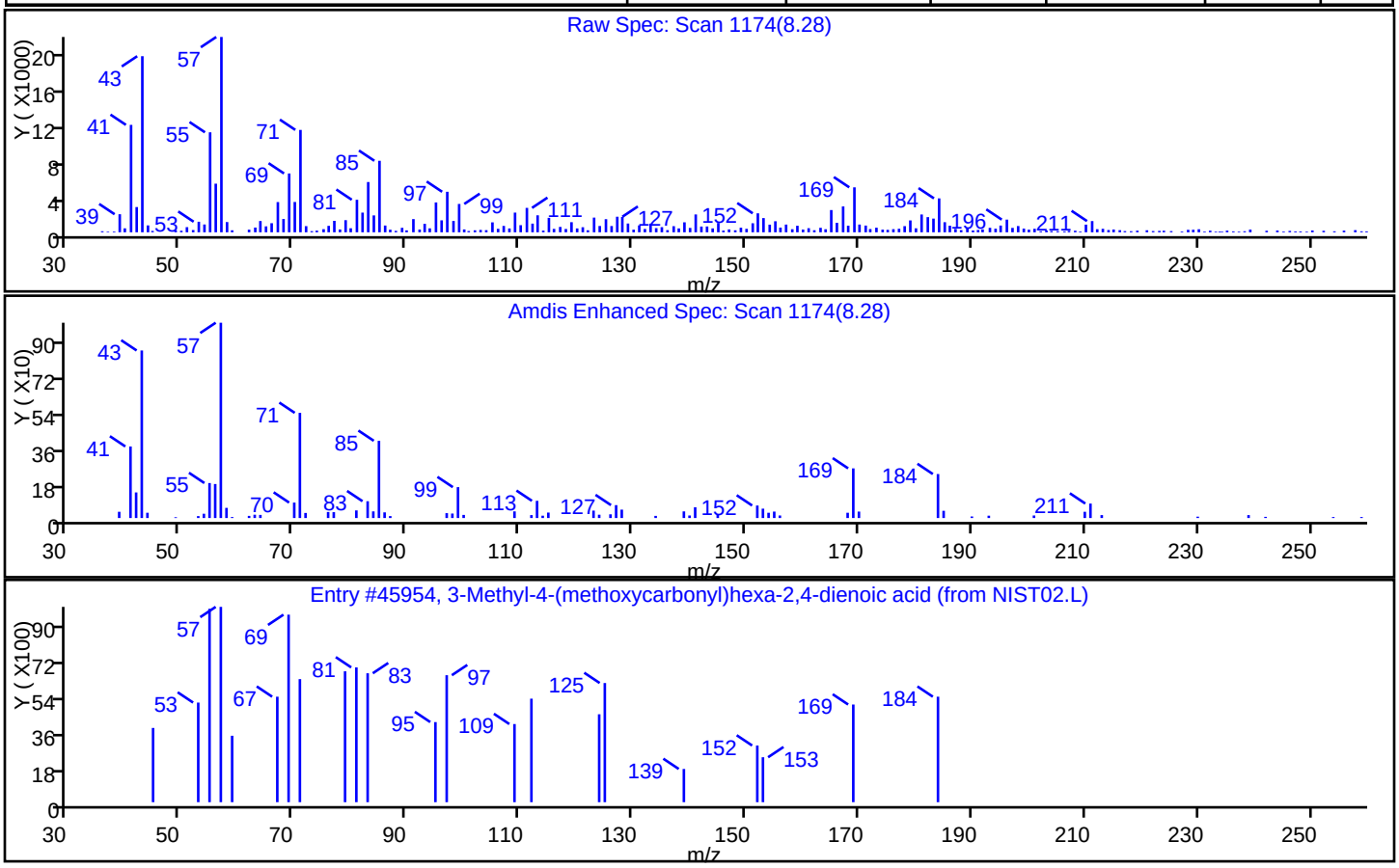
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
3-Methyl-4-(methoxycarbonyl)hexa-2,4-die	1000104-10·	NIST02.L	45954	C9H12O4	184	86



Report Date: 14-Mar-2014 15:44:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9428.D

Injection Date: 14-Mar-2014 13:18:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-36-C Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

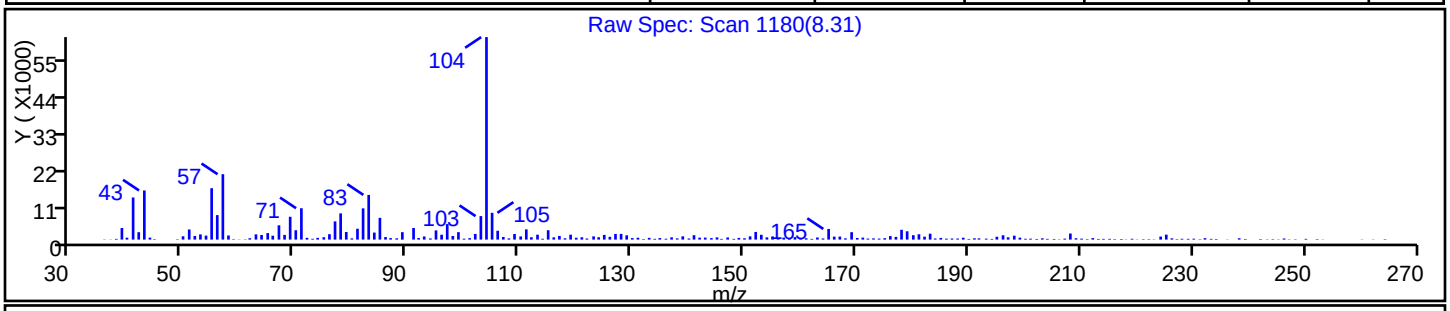
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

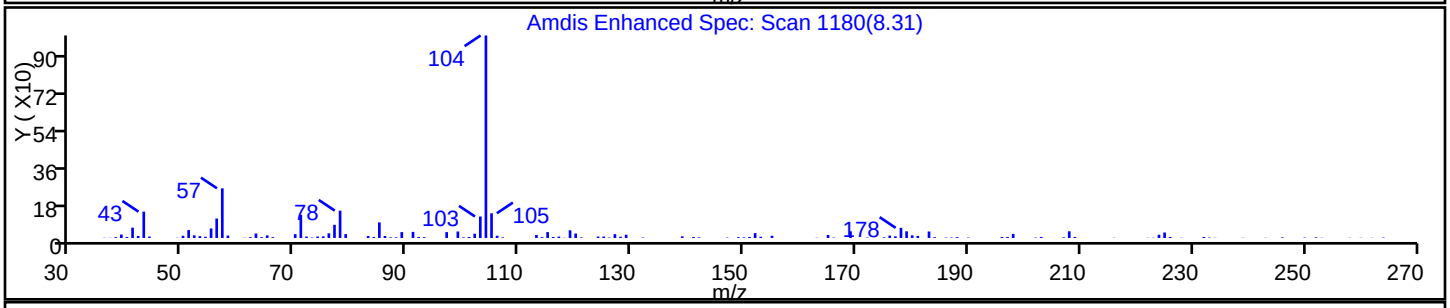
Injection Vol: 1.0 ul Dil. Factor: 1.0000

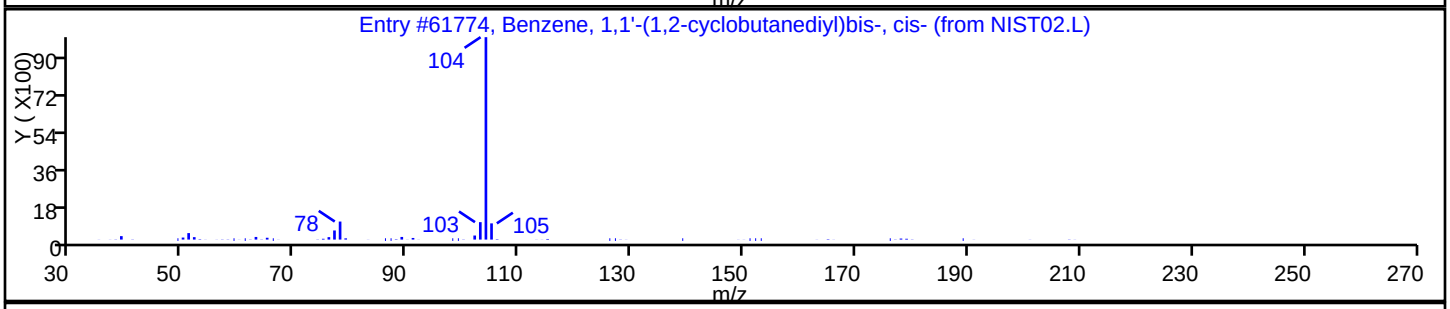
Method: 8270_5R Limit Group: SV 8270 ICAL

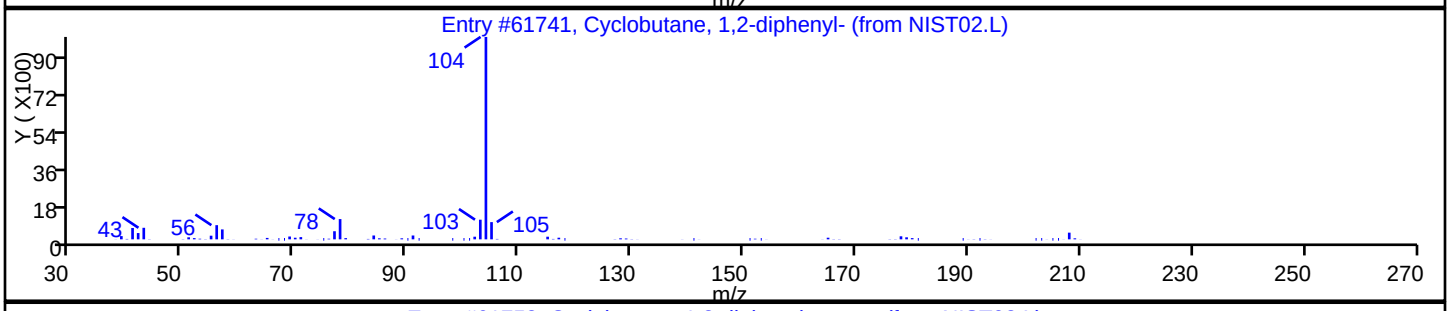
Column: Detector MS SCAN

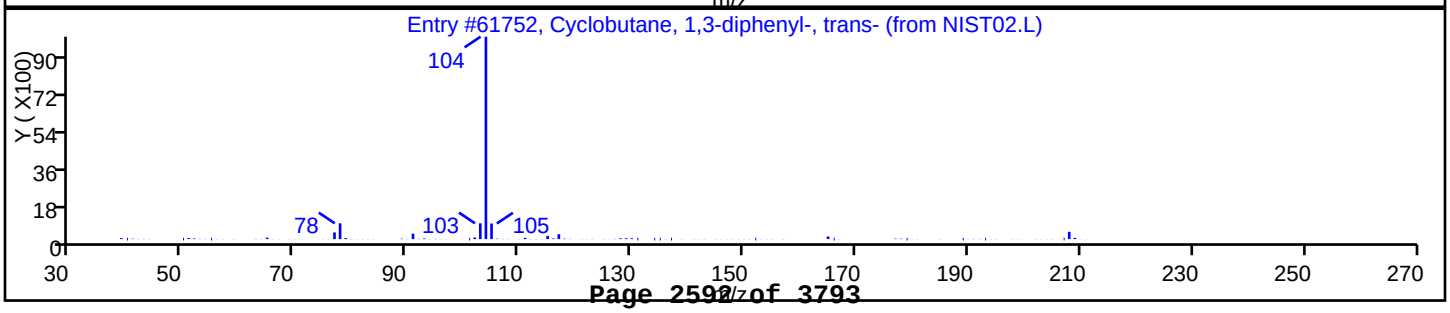
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,1'-(1,2-cyclobutanediyl)bis-,	7694-30-6	NIST02.L	61774	C16H16	208	87
Cyclobutane, 1,2-diphenyl-	3018-21-1	NIST02.L	61741	C16H16	208	83
Cyclobutane, 1,3-diphenyl-, trans-	25558-23-0	NIST02.L	61752	C16H16	208	80











Report Date: 14-Mar-2014 15:44:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9428.D

Injection Date: 14-Mar-2014 13:18:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-36-C Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

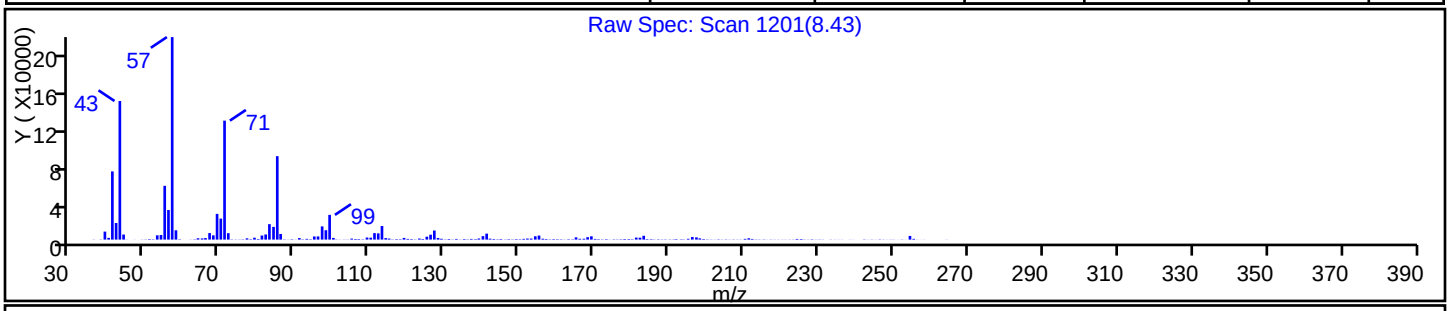
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

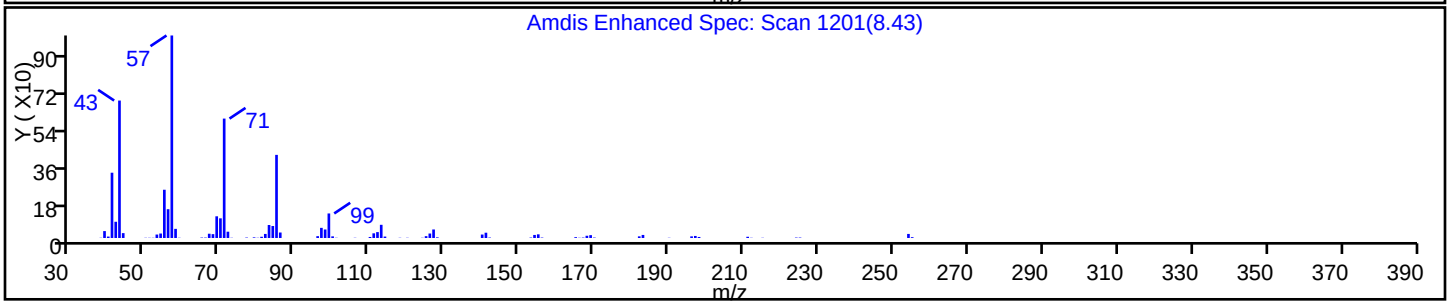
Injection Vol: 1.0 ul Dil. Factor: 1.0000

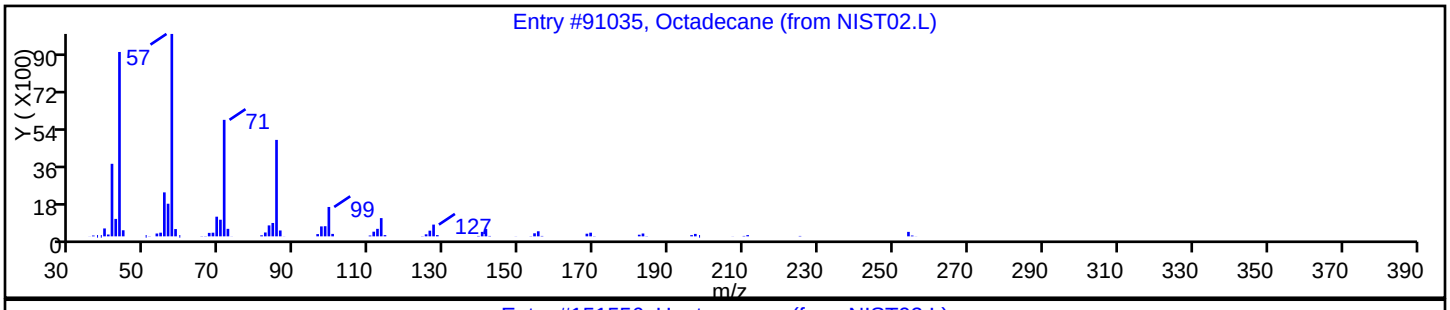
Method: 8270_5R Limit Group: SV 8270 ICAL

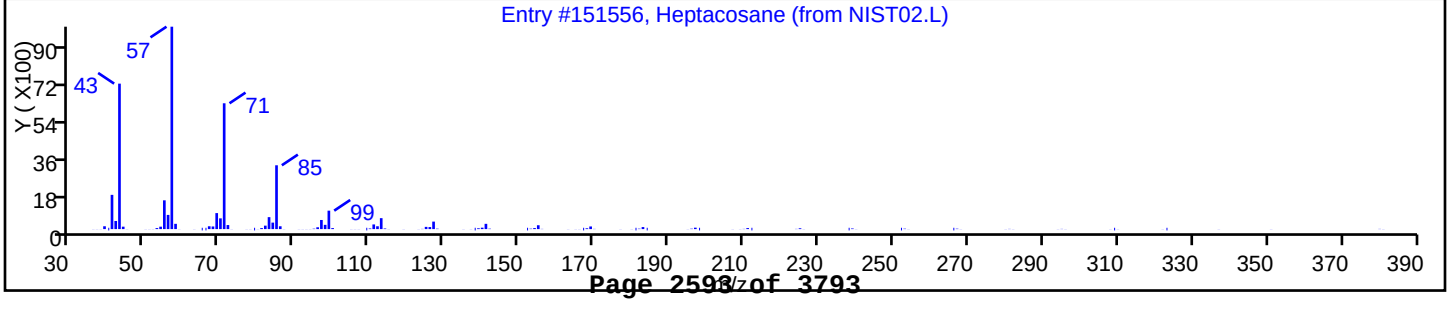
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Octadecane	593-45-3	NIST02.L	91035	C18H38	254	99
Heptacosane	593-49-7	NIST02.L	151556	C27H56	380	91









Report Date: 14-Mar-2014 15:44:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9428.D

Injection Date: 14-Mar-2014 13:18:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-36-C Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

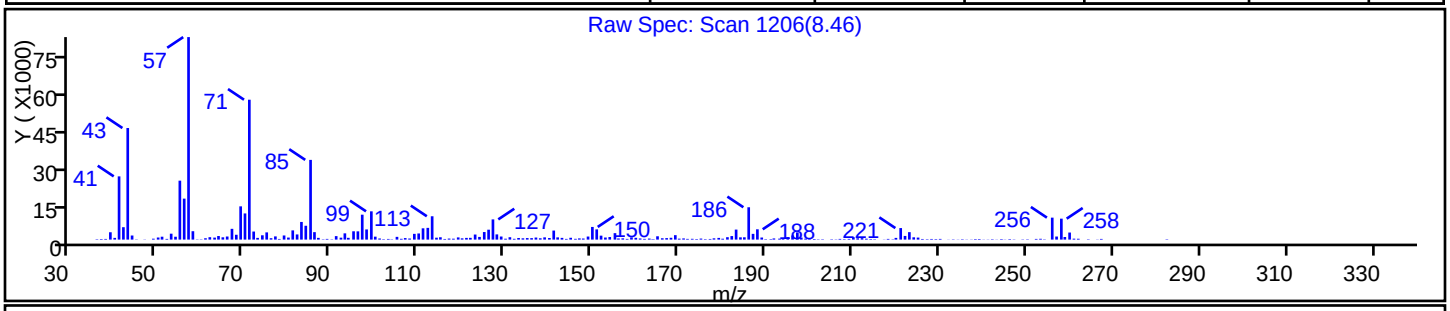
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

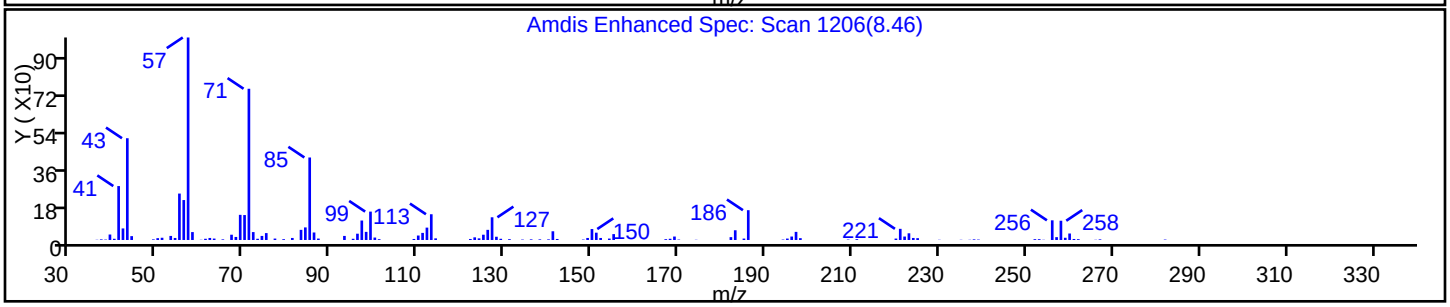
Injection Vol: 1.0 ul Dil. Factor: 1.0000

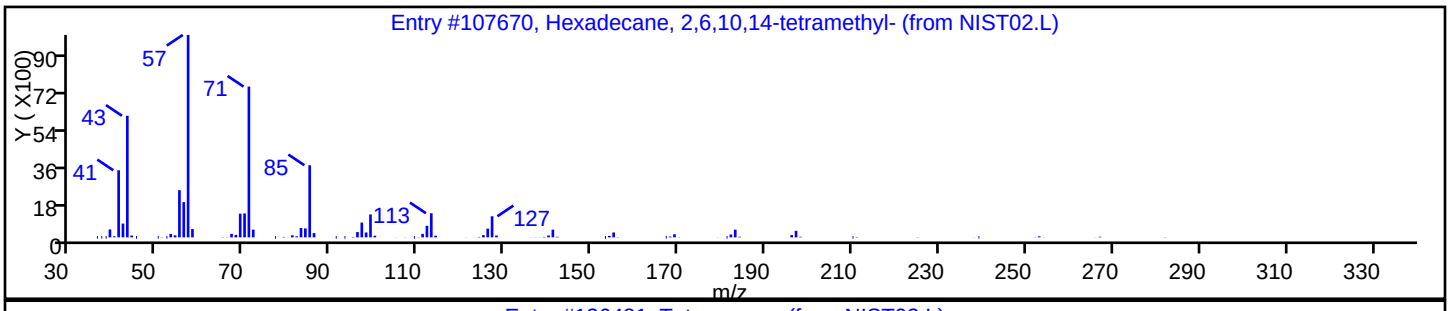
Method: 8270_5R Limit Group: SV 8270 ICAL

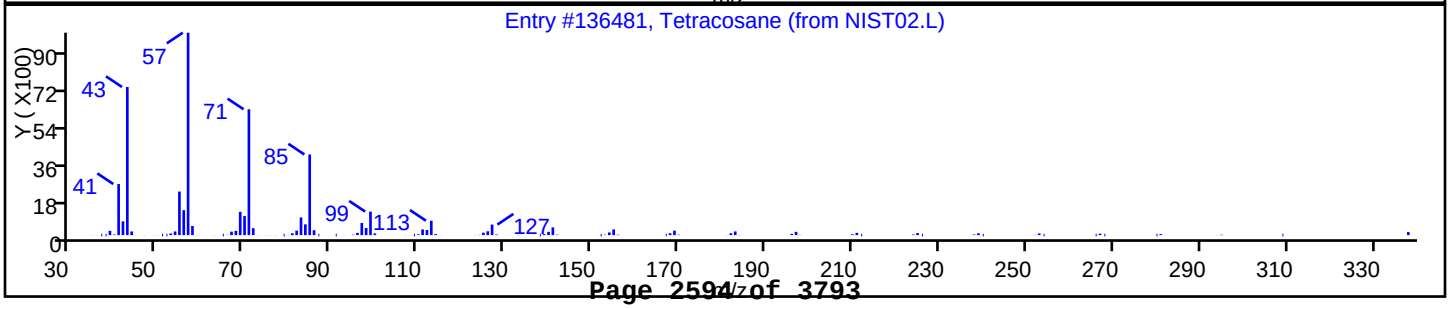
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	C20H42	282	99
Tetracosane	646-31-1	NIST02.L	136481	C24H50	338	80









Report Date: 14-Mar-2014 15:44:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9428.D

Injection Date: 14-Mar-2014 13:18:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-36-C Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

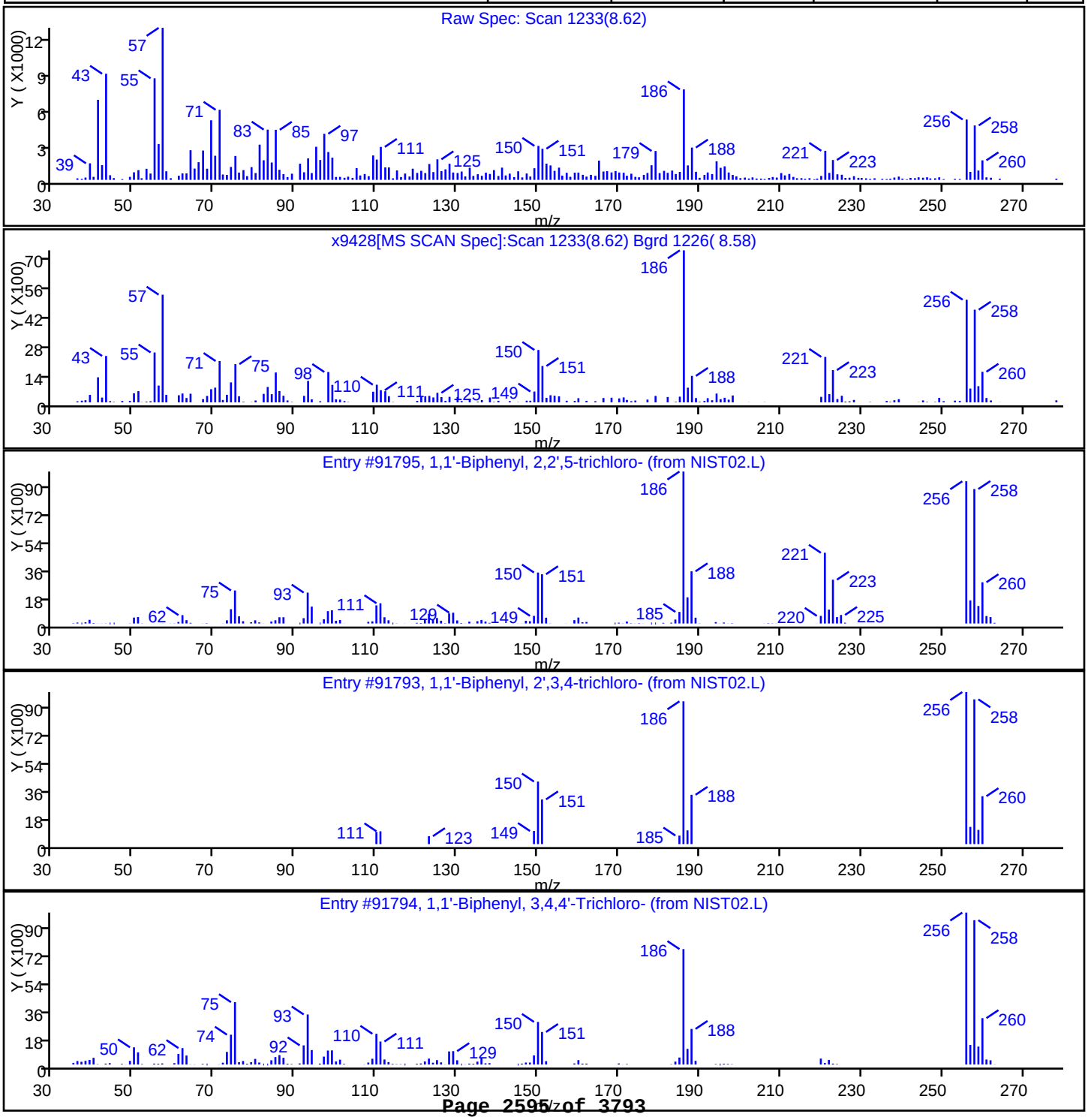
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',5-trichloro-	37680-65-2	NIST02.L	91795	C12H7Cl3	256	95
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	92
1,1'-Biphenyl, 3,4,4'-Trichloro-	38444-90-5	NIST02.L	91794	C12H7Cl3	256	90



Report Date: 14-Mar-2014 15:44:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9428.D

Injection Date: 14-Mar-2014 13:18:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-36-C Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

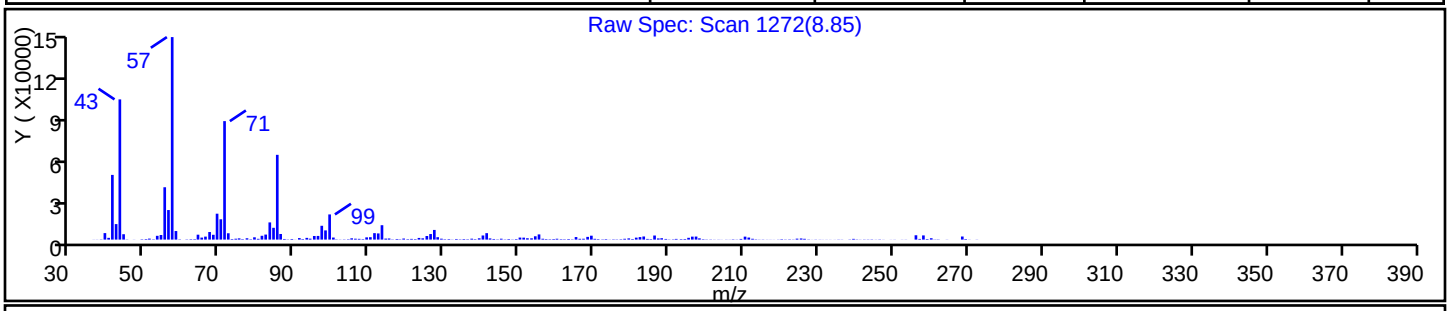
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

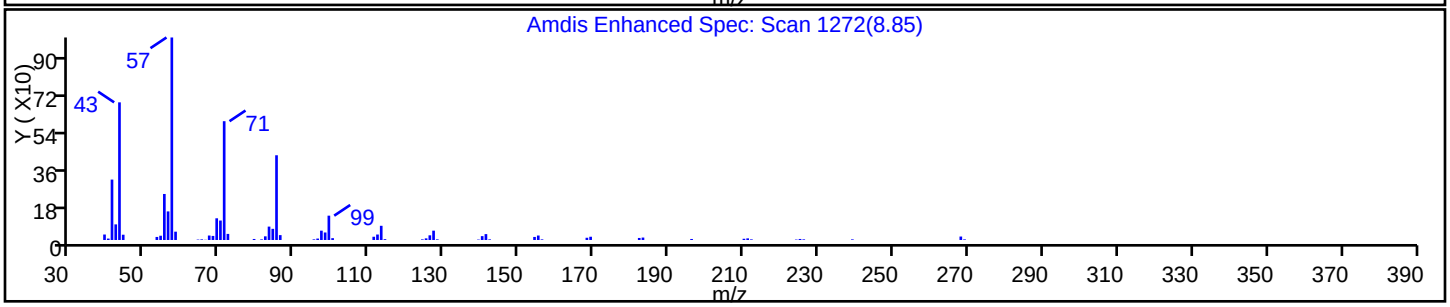
Injection Vol: 1.0 ul Dil. Factor: 1.0000

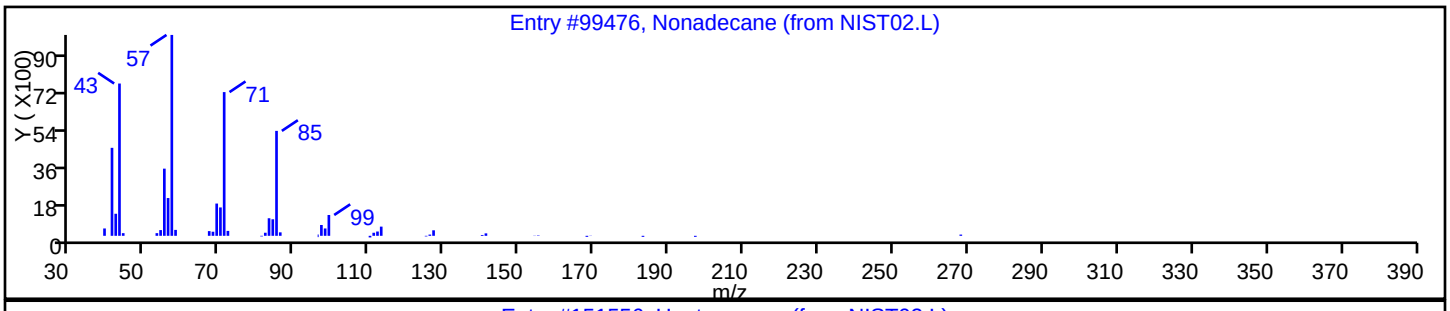
Method: 8270_5R Limit Group: SV 8270 ICAL

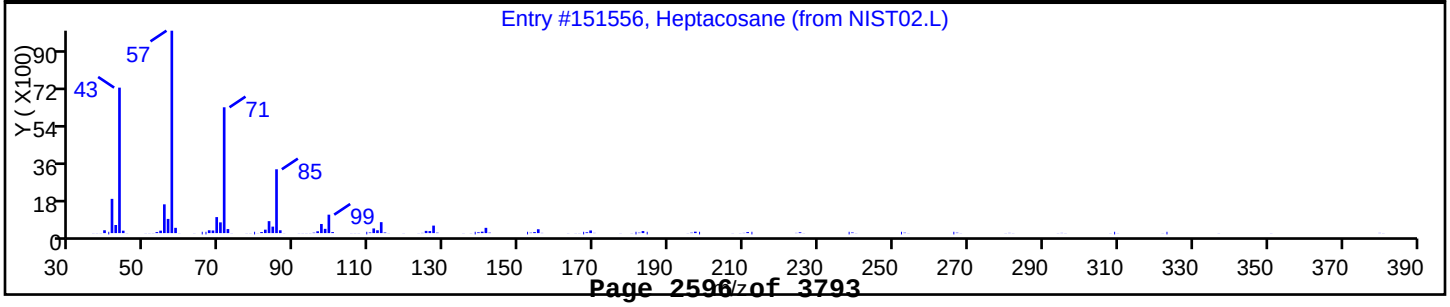
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Nonadecane	629-92-5	NIST02.L	99476	C19H40	268	98
Heptacosane	593-49-7	NIST02.L	151556	C27H56	380	91









Report Date: 14-Mar-2014 15:44:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9428.D

Injection Date: 14-Mar-2014 13:18:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-36-C Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

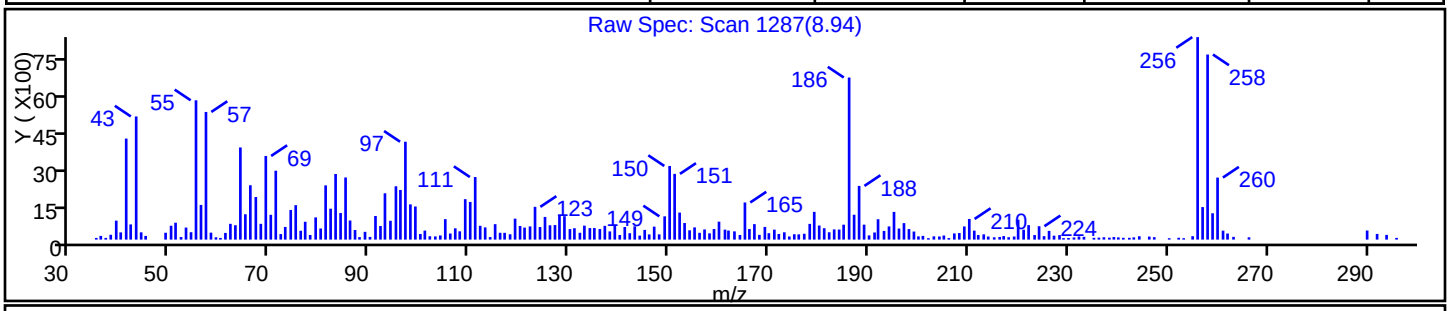
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

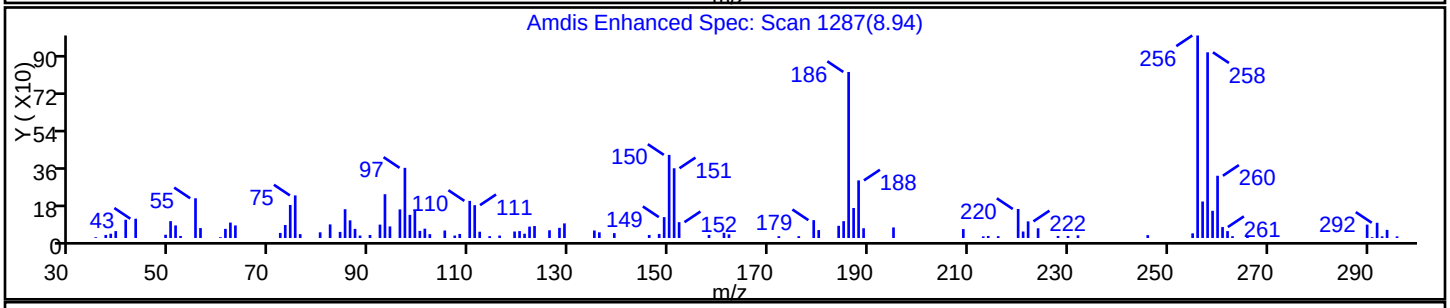
Injection Vol: 1.0 ul Dil. Factor: 1.0000

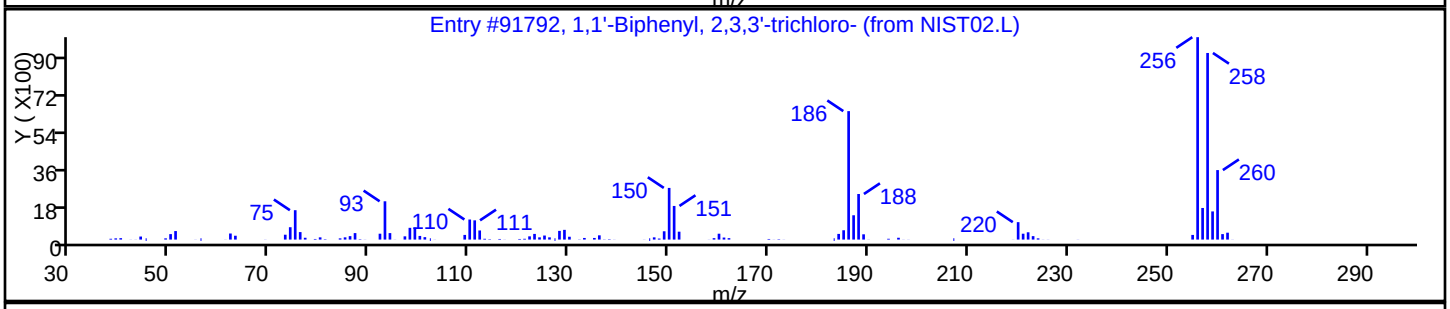
Method: 8270_5R Limit Group: SV 8270 ICAL

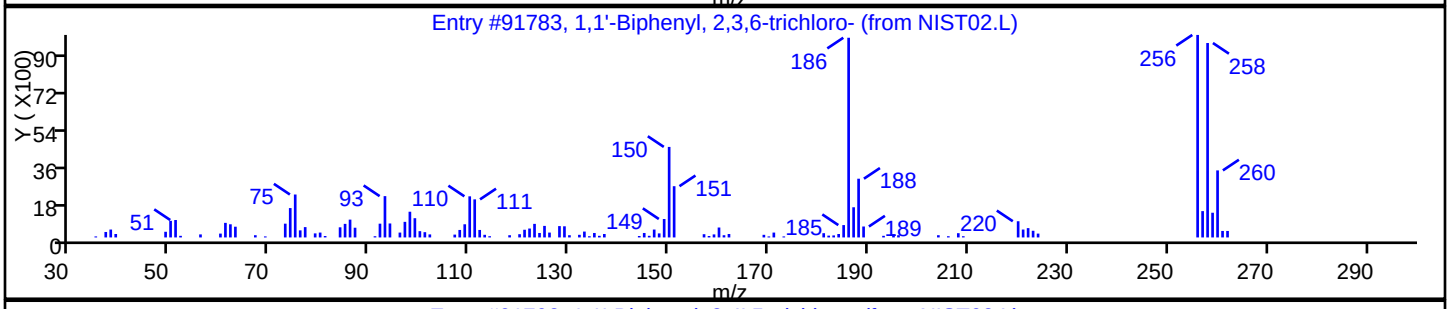
Column: Detector MS SCAN

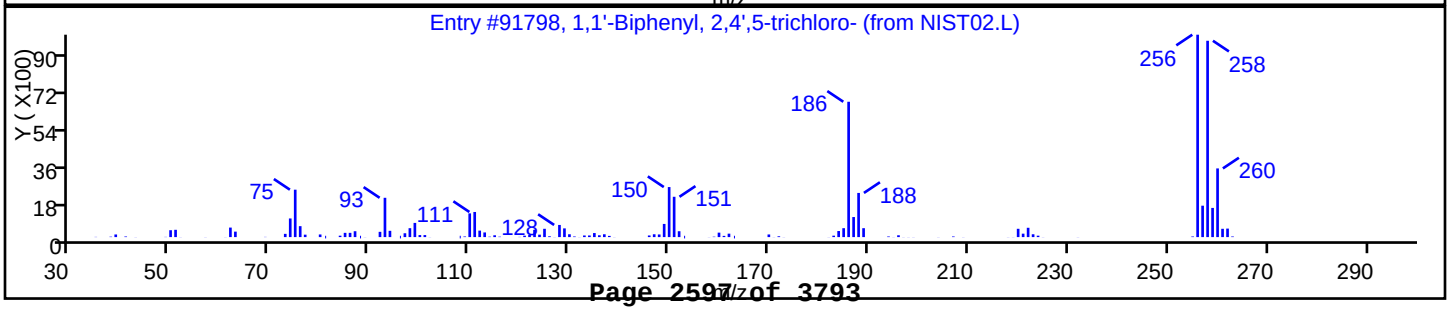
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,3'-trichloro-	38444-84-7	NIST02.L	91792	C12H7Cl3	256	99
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.L	91783	C12H7Cl3	256	98
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91798	C12H7Cl3	256	98











Report Date: 14-Mar-2014 15:44:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9428.D

Injection Date: 14-Mar-2014 13:18:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-36-C Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

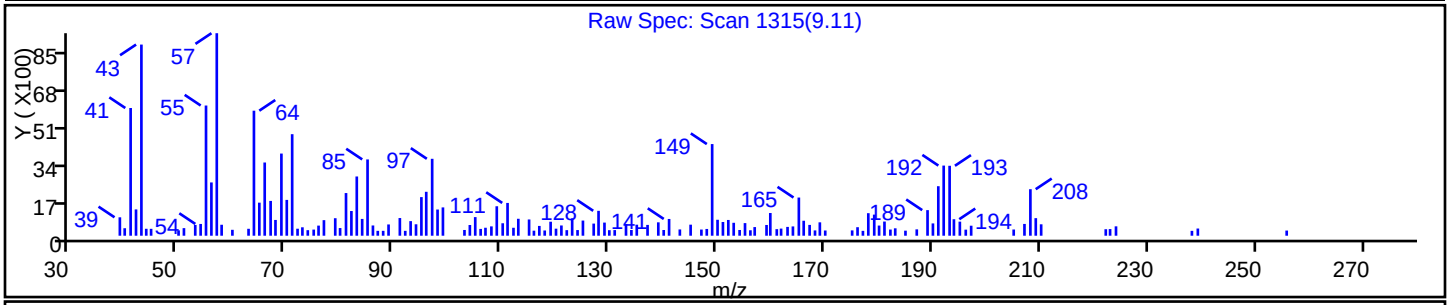
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

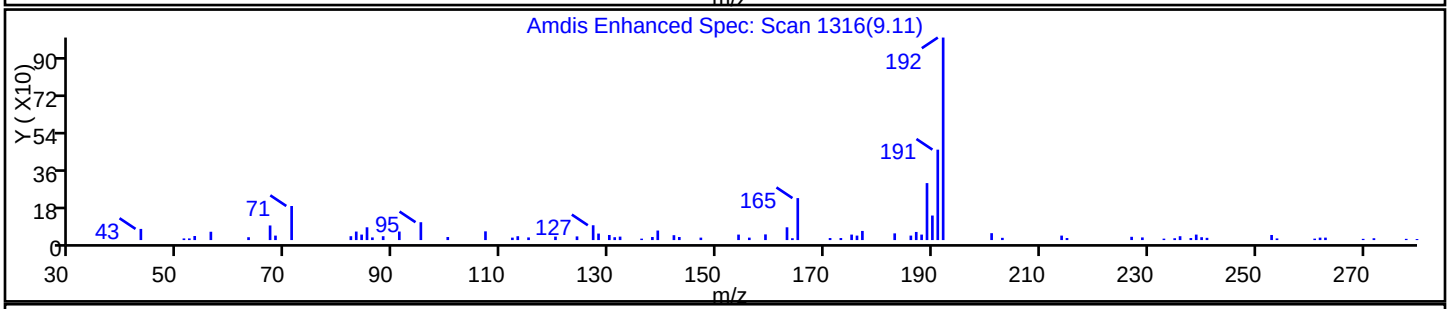
Injection Vol: 1.0 ul Dil. Factor: 1.0000

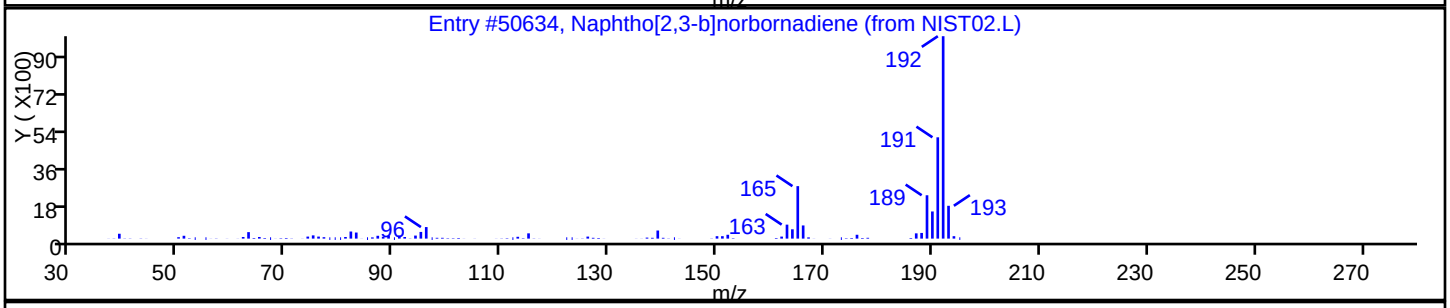
Method: 8270_5R Limit Group: SV 8270 ICAL

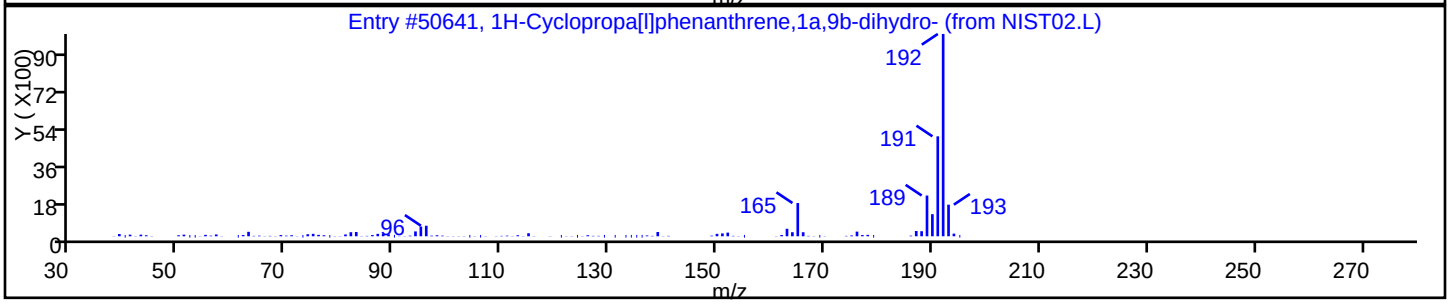
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphtho[2,3-b]norbornadiene	107426-38-(	NIST02.L	50634	C15H12	192	81
1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd	949-41-7	NIST02.L	50641	C15H12	192	81









Report Date: 14-Mar-2014 15:44:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9428.D

Injection Date: 14-Mar-2014 13:18:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-36-C Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

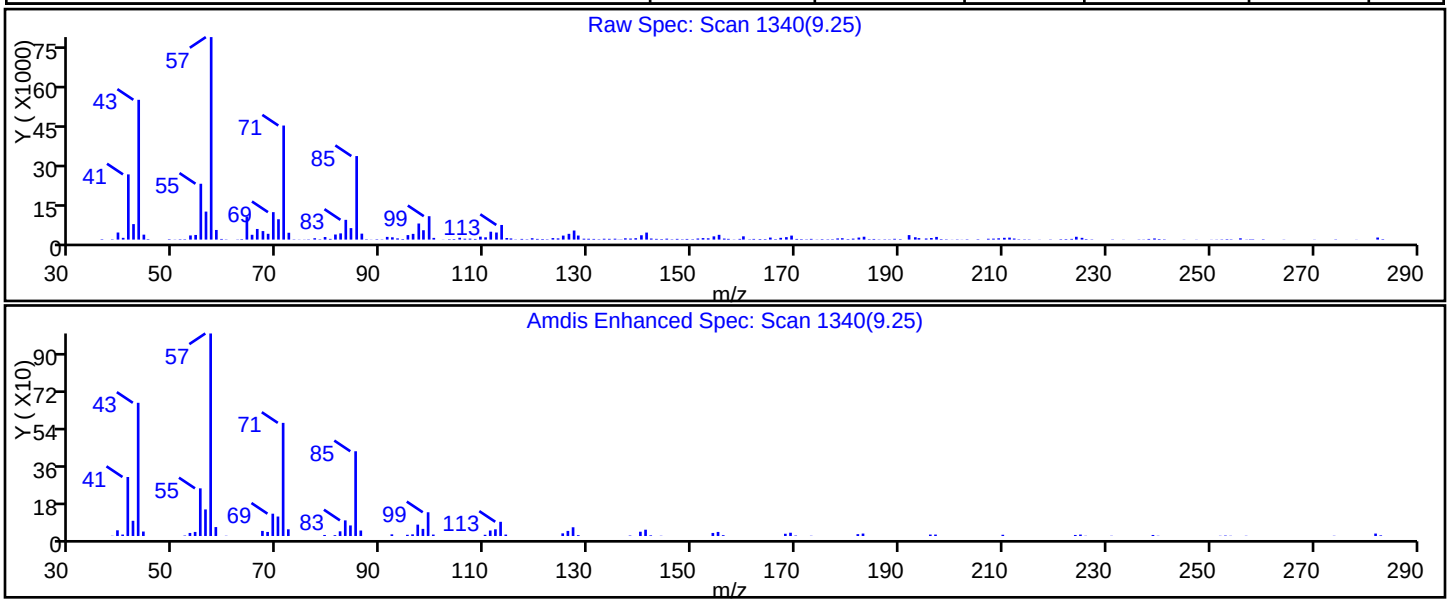
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

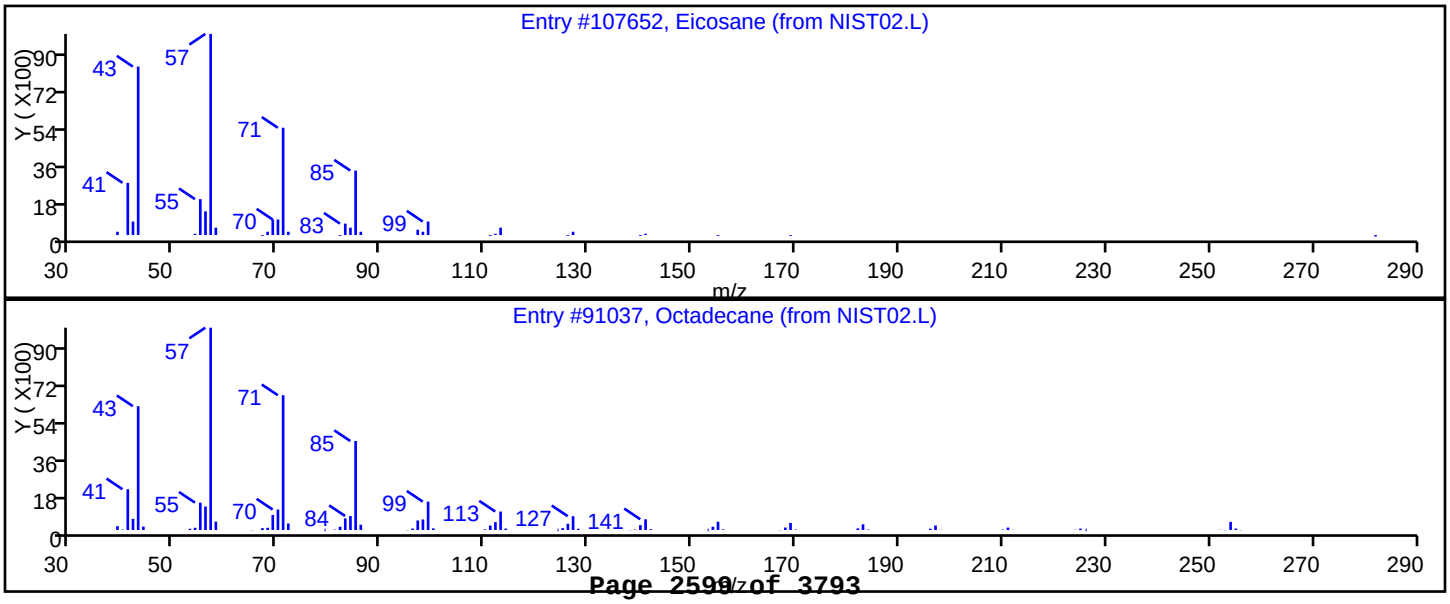
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	95
Octadecane	593-45-3	NIST02.L	91037	C18H38	254	93





Report Date: 14-Mar-2014 15:44:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9428.D

Injection Date: 14-Mar-2014 13:18:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-36-C Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

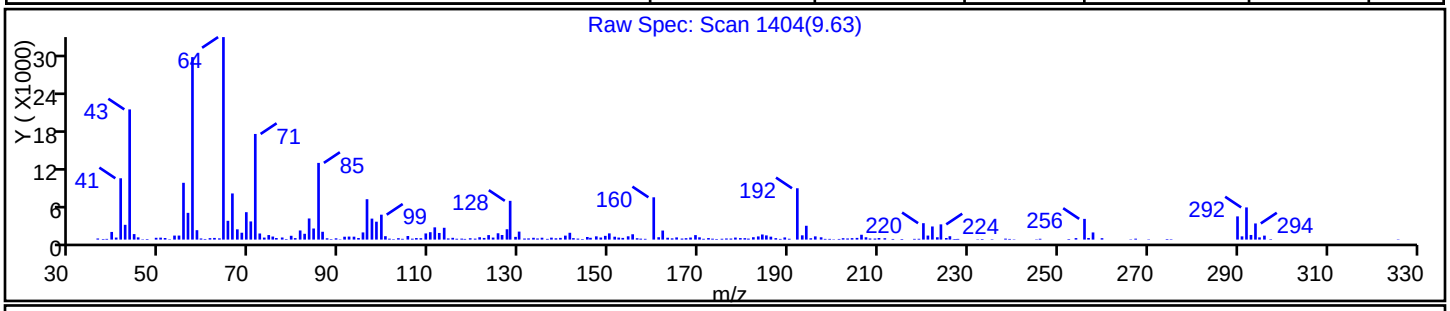
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

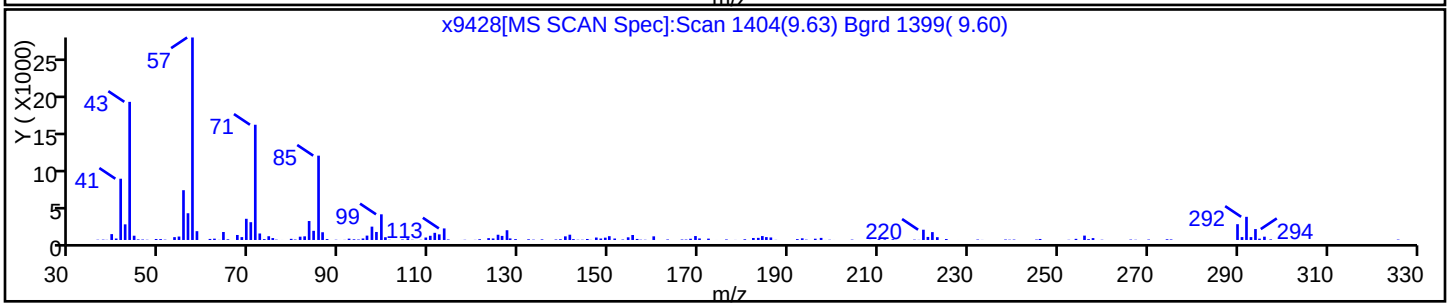
Injection Vol: 1.0 ul Dil. Factor: 1.0000

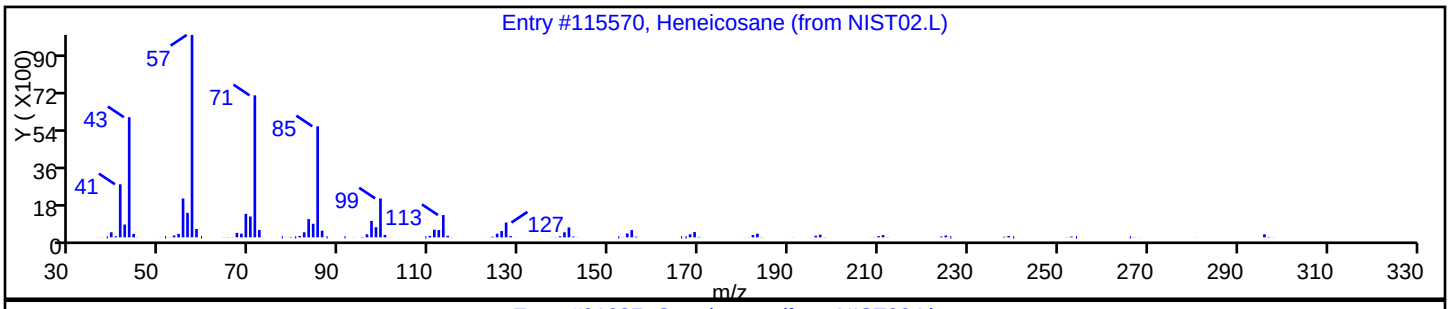
Method: 8270_5R Limit Group: SV 8270 ICAL

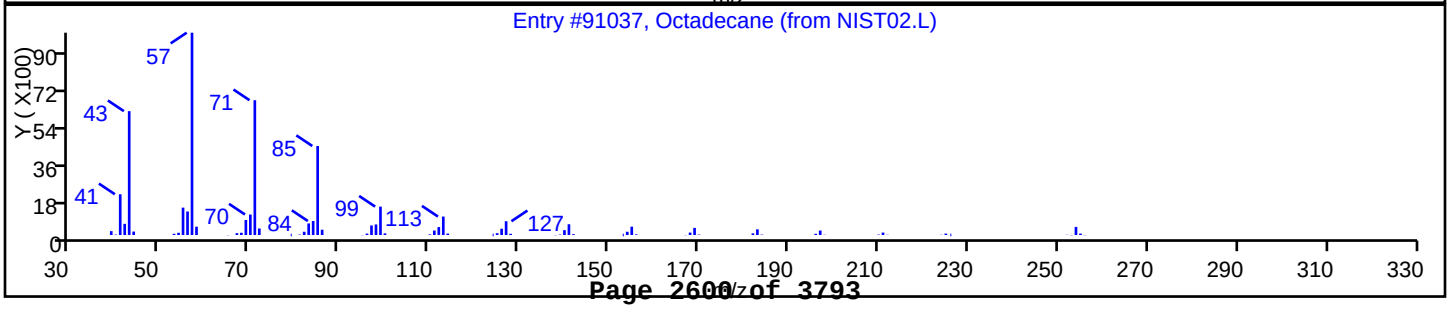
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Heneicosane	629-94-7	NIST02.L	115570	C21H44	296	96
Octadecane	593-45-3	NIST02.L	91037	C18H38	254	91









Report Date: 14-Mar-2014 15:44:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9428.D

Injection Date: 14-Mar-2014 13:18:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-36-C Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

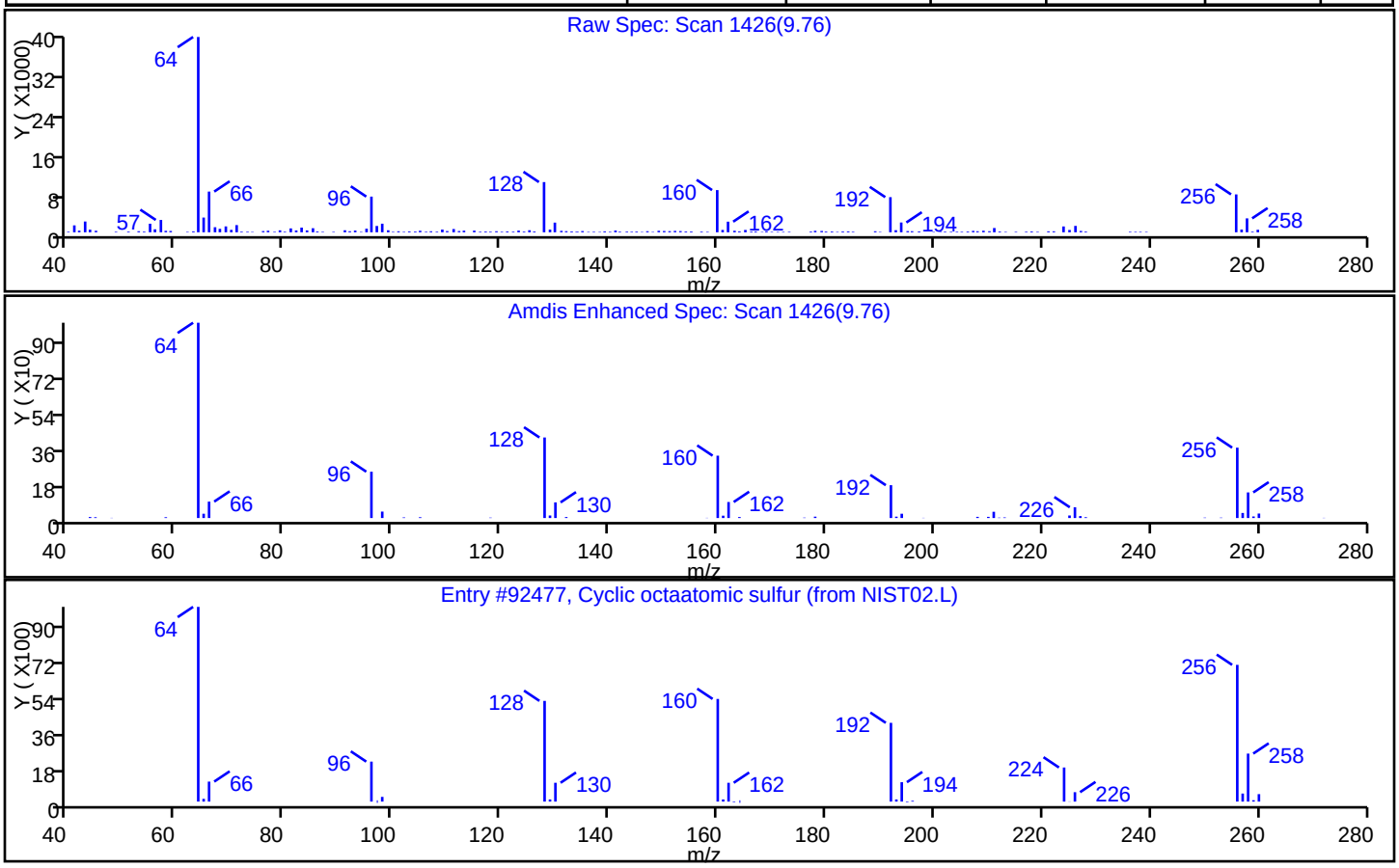
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclic octaatomic sulfur	10544-50-0	NIST02.L	92477	S8	256	94



Report Date: 14-Mar-2014 15:44:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9428.D

Injection Date: 14-Mar-2014 13:18:30 Instrument ID: CBNAMS5

Lims ID: 460-72174-F-36-C Lab Sample ID: 460-72174-36

Client ID: PMP-9SW-SI

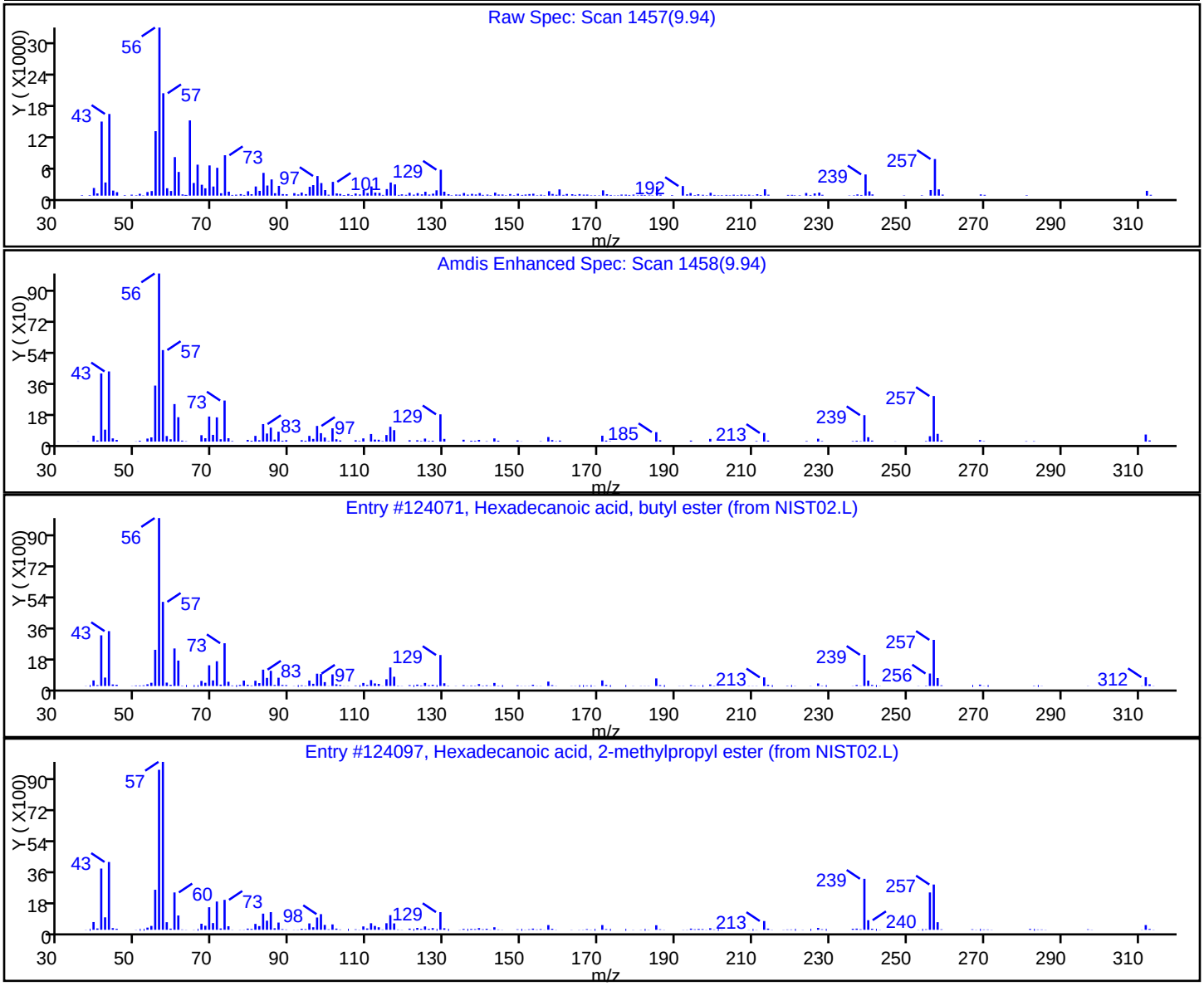
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecanoic acid, butyl ester	111-06-8	NIST02.L	124071	C20H40O2	312	97
Hexadecanoic acid, 2-methylpropyl ester	110-34-9	NIST02.L	124097	C20H40O2	312	93



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-WI | Lab Sample ID: 460-72174-37

Matrix: Solid | Lab File ID: L1147950.D

Analysis Method: 8270C | Date Collected: 03/06/2014 15:20

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.02(g) | Date Analyzed: 03/14/2014 12:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212527 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	48	U	350	48
95-57-8	2-Chlorophenol	47	U	350	47
95-48-7	2-Methylphenol	60	U	350	60
106-44-5	4-Methylphenol	70	U	350	70
100-52-7	Benzaldehyde	42	U	350	42
98-86-2	Acetophenone	54	U	350	54
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.9	U	35	5.9
98-95-3	Nitrobenzene	5.0	U *	35	5.0
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	43	U	350	43
88-75-5	2-Nitrophenol	40	U	350	40
105-67-9	2,4-Dimethylphenol	87	U	350	87
120-83-2	2,4-Dichlorophenol	52	U	350	52
111-91-1	Bis(2-chloroethoxy)methane	46	U	350	46
91-20-3	Naphthalene	41	U	350	41
106-47-8	4-Chloroaniline	94	U	350	94
87-68-3	Hexachlorobutadiene	8.7	U	72	8.7
105-60-2	Caprolactam	82	U	350	82
59-50-7	4-Chloro-3-methylphenol	54	U	350	54
91-57-6	2-Methylnaphthalene	46	U	350	46
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	42	U	350	42
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	46	U	350	46
92-52-4	Diphenyl	48	U	350	48
91-58-7	2-Chloronaphthalene	40	U	350	40
88-74-4	2-Nitroaniline	150	U	350	150
606-20-2	2,6-Dinitrotoluene	11	U	72	11
131-11-3	Dimethyl phthalate	42	U	350	42
208-96-8	Acenaphthylene	42	U	350	42
99-09-2	3-Nitroaniline	130	U	350	130
83-32-9	Acenaphthene	52	U	350	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-WI | Lab Sample ID: 460-72174-37

Matrix: Solid | Lab File ID: L1147950.D

Analysis Method: 8270C | Date Collected: 03/06/2014 15:20

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.02(g) | Date Analyzed: 03/14/2014 12:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212527 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	350	230
51-28-5	2,4-Dinitrophenol	200	U	720	200
132-64-9	Dibenzofuran	42	U	350	42
84-66-2	Diethyl phthalate	42	U	350	42
86-73-7	Fluorene	45	U	350	45
206-44-0	Fluoranthene	47	U	350	47
84-74-2	Di-n-butyl phthalate	44	U	350	44
121-14-2	2,4-Dinitrotoluene	12	U	72	12
7005-72-3	4-Chlorophenyl phenyl ether	42	U	350	42
100-01-6	4-Nitroaniline	110	U	720	110
534-52-1	4,6-Dinitro-2-methylphenol	97	U	720	97
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	55	U	350	55
120-12-7	Anthracene	43	U	350	43
86-74-8	Carbazole	42	U	350	42
85-01-8	Phenanthrene	45	U	350	45
87-86-5	Pentachlorophenol	110	U	720	110
129-00-0	Pyrene	57	J	350	30
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.7	U	35	2.7
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.5	U	35	2.5
86-30-6	N-Nitrosodiphenylamine	35	U	350	35
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	23	U	350	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.6	U	35	6.6
53-70-3	Dibenz(a,h)anthracene	4.5	U	35	4.5
91-94-1	3,3'-Dichlorobenzidine	120	U	350	120
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U	350	48
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	350	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-WI | Lab Sample ID: 460-72174-37

Matrix: Solid | Lab File ID: L1147950.D

Analysis Method: 8270C | Date Collected: 03/06/2014 15:20

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.02(g) | Date Analyzed: 03/14/2014 12:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212527 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	99		40-106
4165-62-2	Phenol-d5	94		44-104
1718-51-0	Terphenyl-d14	84		41-145
118-79-6	2,4,6-Tribromophenol	87		19-114
367-12-4	2-Fluorophenol	90		39-103
321-60-8	2-Fluorobiphenyl	96		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-WI | Lab Sample ID: 460-72174-37

Matrix: Solid | Lab File ID: L1147950.D

Analysis Method: 8270C | Date Collected: 03/06/2014 15:20

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.02(g) | Date Analyzed: 03/14/2014 12:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212527 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 33270

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	2.16	8700	J
1000130-87-5	Z-8-Hexadecene	6.68	880	J N
	Unknown	7.49	1000	J
	Unknown	7.65	1300	J
	Unknown	7.68	820	J
55045-11-9	Tridecane, 5-propyl-	7.76	3100	J N
41446-68-8	3-Tetradecene, (E)-	7.93	1600	J N
	Unknown	7.95	1300	J
	Unknown	8.01	1000	J
	Unknown	8.15	2000	J
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.19	1100	J N
	Unknown alkane	8.21	2000	J
	Unknown	8.37	880	J
	Unknown	8.40	870	J
	Unknown	8.43	920	J
	Unknown	8.52	1300	J
	Unknown	8.56	1100	J
	Unknown	8.76	1500	J
41464-40-8	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	8.87	1000	J N
	Unknown	9.14	900	J

Report Date: 14-Mar-2014 15:31:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147950.D
Lims ID: 460-72174-F-37-C Lab Sample ID: 460-72174-37
Client ID: PMP-10SW-WI
Sample Type: Client
Inject. Date: 14-Mar-2014 12:22:30 ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010840-026
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 15:31:53 Calib Date: 05-Mar-2014 23:36:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147714.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: szczecha Date: 14-Mar-2014 15:31:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.443	2.431	0.012	95	104925	44.8	
$ 6 Phenol-d5	99	3.354	3.366	-0.012	68	127932	46.8	
* 13 1,4-Dichlorobenzene-d4	152	3.713	3.713	0.0	95	82937	40.0	
$ 25 Nitrobenzene-d5	82	4.290	4.295	-0.005	91	117025	49.5	
* 35 Naphthalene-d8	136	5.013	5.013	0.0	99	306634	40.0	
$ 48 2-Fluorobiphenyl	172	6.119	6.125	-0.006	97	229181	47.9	
* 61 Acenaphthene-d10	164	6.778	6.772	0.006	92	146498	40.0	
$ 76 2,4,6-Tribromophenol	330	7.560	7.560	0.0	85	30718	43.6	
* 83 Phenanthrene-d10	188	8.242	8.237	0.005	96	208708	40.0	
90 Pyrene	202	9.648	9.642	0.006	90	4732	0.7938	
$ 91 Terphenyl-d14	244	9.813	9.813	0.0	99	183856	41.9	
* 96 Chrysene-d12	240	10.895	10.895	0.0	99	206526	40.0	
* 103 Perylene-d12	264	12.683	12.683	0.0	97	269577	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147950.D
Lims ID: 460-72174-F-37-C Lab Sample ID: 460-72174-37
Client ID: PMP-10SW-WI
Sample Type: Client
Inject. Date: 14-Mar-2014 12:22:30 ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010840-026
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 15:31:53 Calib Date: 05-Mar-2014 23:36:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: szczecha Date: 14-Mar-2014 15:31:53

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
2.155	1522165	121.8	13					
1000130-87-5		Z-8-Hexadecene						
6.684	276817	12.3	61	89	72490	C16H32	224	
		Unknown						
7.490	327240	14.5	61					
		Unknown						
7.648	259019	18.4	83					
		Unknown						
7.684	162665	11.5	83					
55045-11-9		Tridecane, 5-propyl-						
7.760	615567	43.7	83	93	73971	C16H34	226	
41446-68-8		3-Tetradecene, (E)-						
7.925	317397	22.5	83	86	53636	C14H28	196	
		Unknown						
7.954	247973	17.6	83					
		Unknown						
8.013	204814	14.5	83					
		Unknown						
8.148	388752	27.6	83					
16606-02-3		1,1'-Biphenyl, 2,4',5-trichloro-						
8.189	216137	15.3	83	91	91788	C12H7Cl3	256	
		Unknown alkane						
8.213	403741	28.6	83	0	0		0	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
8.366	173517	12.3	83					
		Unknown						
8.401	171201	12.1	83					
		Unknown						
8.431	181154	12.9	83					
		Unknown						
8.519	251497	17.8	83					
		Unknown						
8.560	219768	15.6	83					
		Unknown						
8.760	291296	20.7	83					
	41464-40-8	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-						
8.872	202941	14.4	83	95	111721	C12H6Cl4	290	
		Unknown						
9.136	177328	12.6	83					

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	3.713	499972	40.0
* 61 Acenaphthene-d10	6.772	902203	40.0
* 83 Phenanthrene-d10	8.242	563899	40.0

QC Flag Legend

Processing Flags

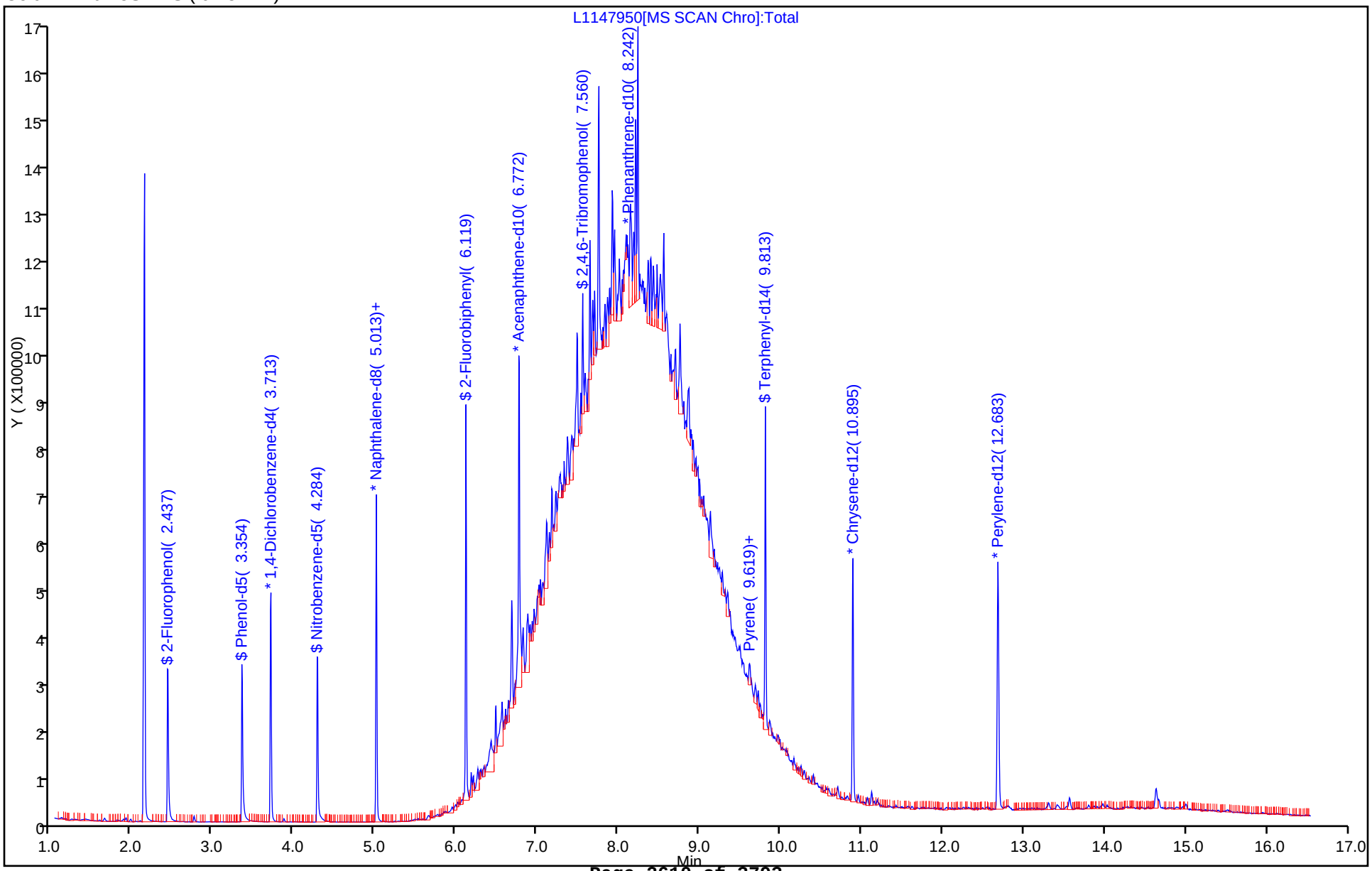
Report Date: 14-Mar-2014 15:31:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147950.D

Injection Date:	14-Mar-2014 12:22:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-72174-F-37-C	Lab Sample ID:	460-72174-37	Worklist Smp#:	26
Client ID:	PMP-10SW-WI				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8270_12R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



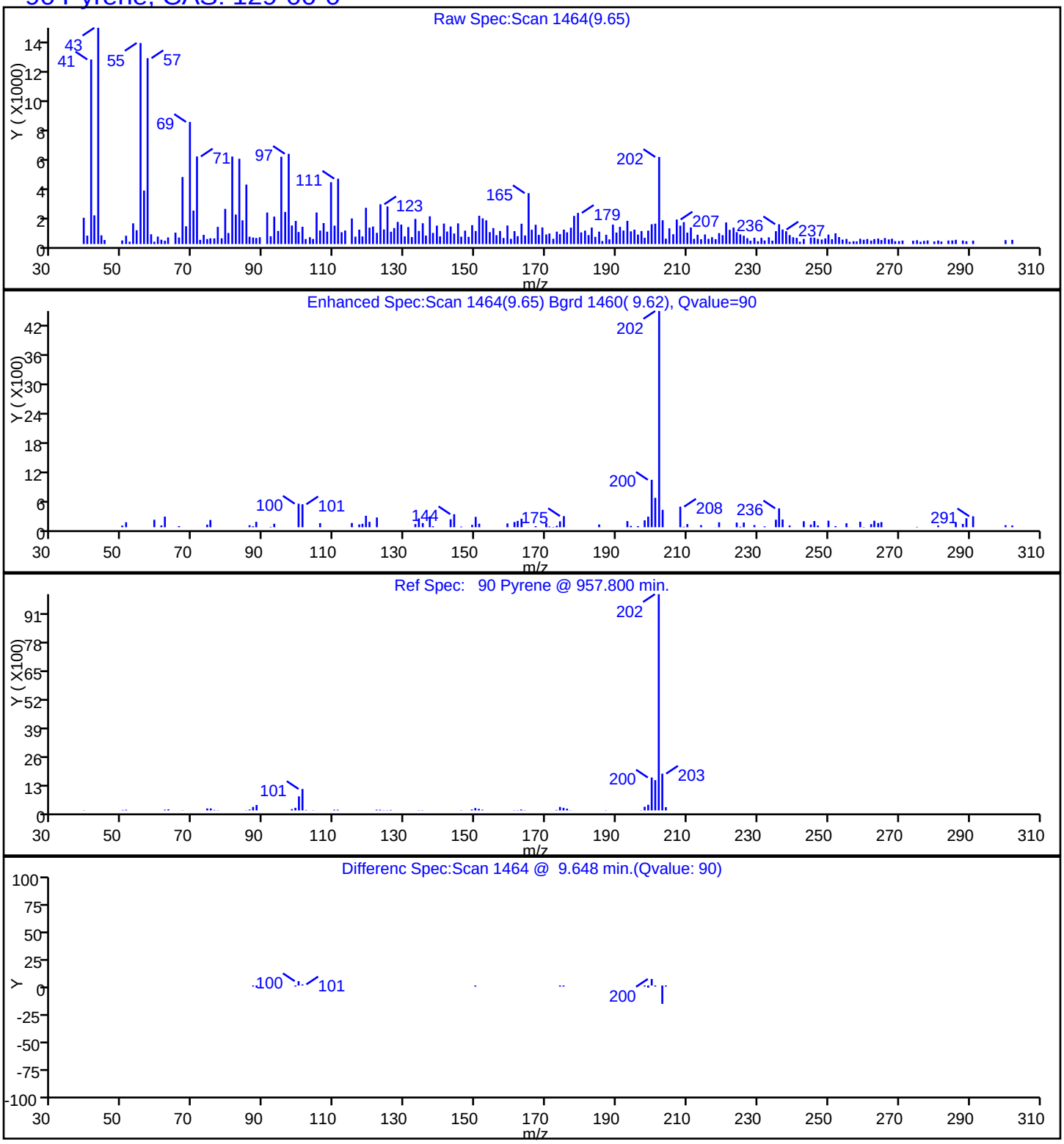
Report Date: 14-Mar-2014 15:31:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147950.D

Injection Date:	14-Mar-2014 12:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-37-C	Lab Sample ID:	460-72174-37		
Client ID:	PMP-10SW-WI				
Operator ID:	BNA 12	ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Pyrene, CAS: 129-00-0



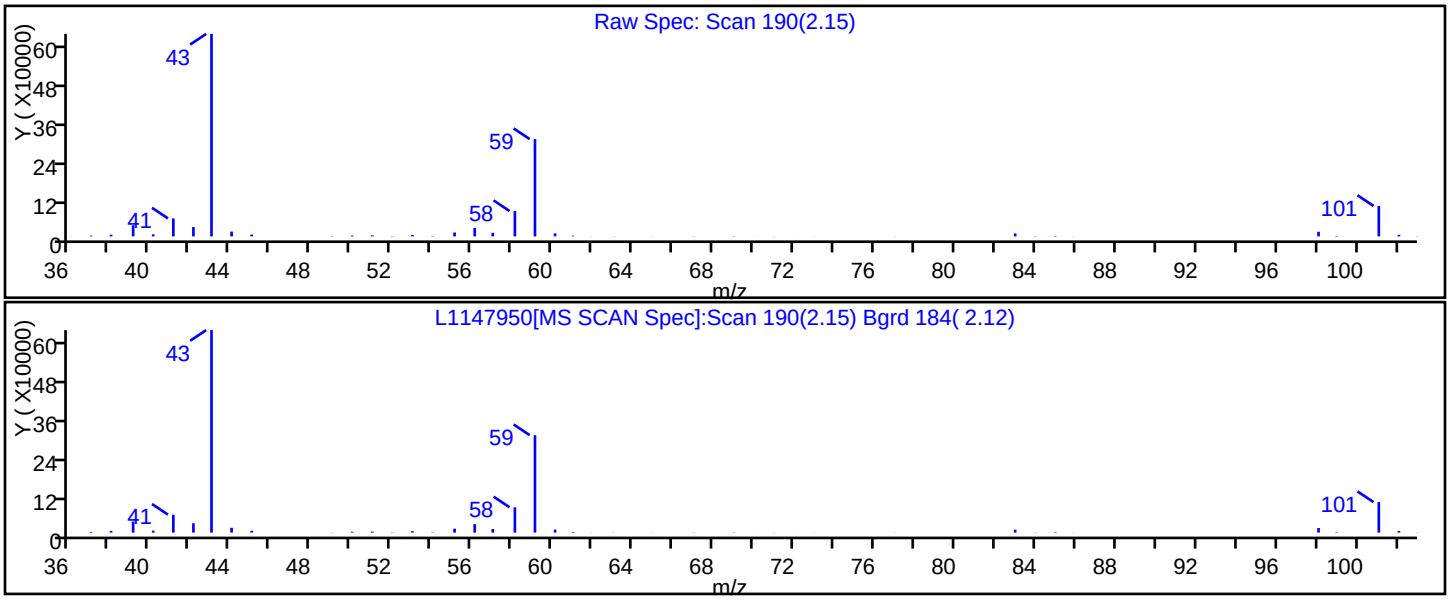
Report Date: 14-Mar-2014 15:31:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147950.D

Injection Date:	14-Mar-2014 12:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-37-C	Lab Sample ID:	460-72174-37		
Client ID:	PMP-10SW-WI				
Operator ID:	BNA 12	ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 14-Mar-2014 15:31:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147950.D

Injection Date: 14-Mar-2014 12:22:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-37-C Lab Sample ID: 460-72174-37

Client ID: PMP-10SW-WI

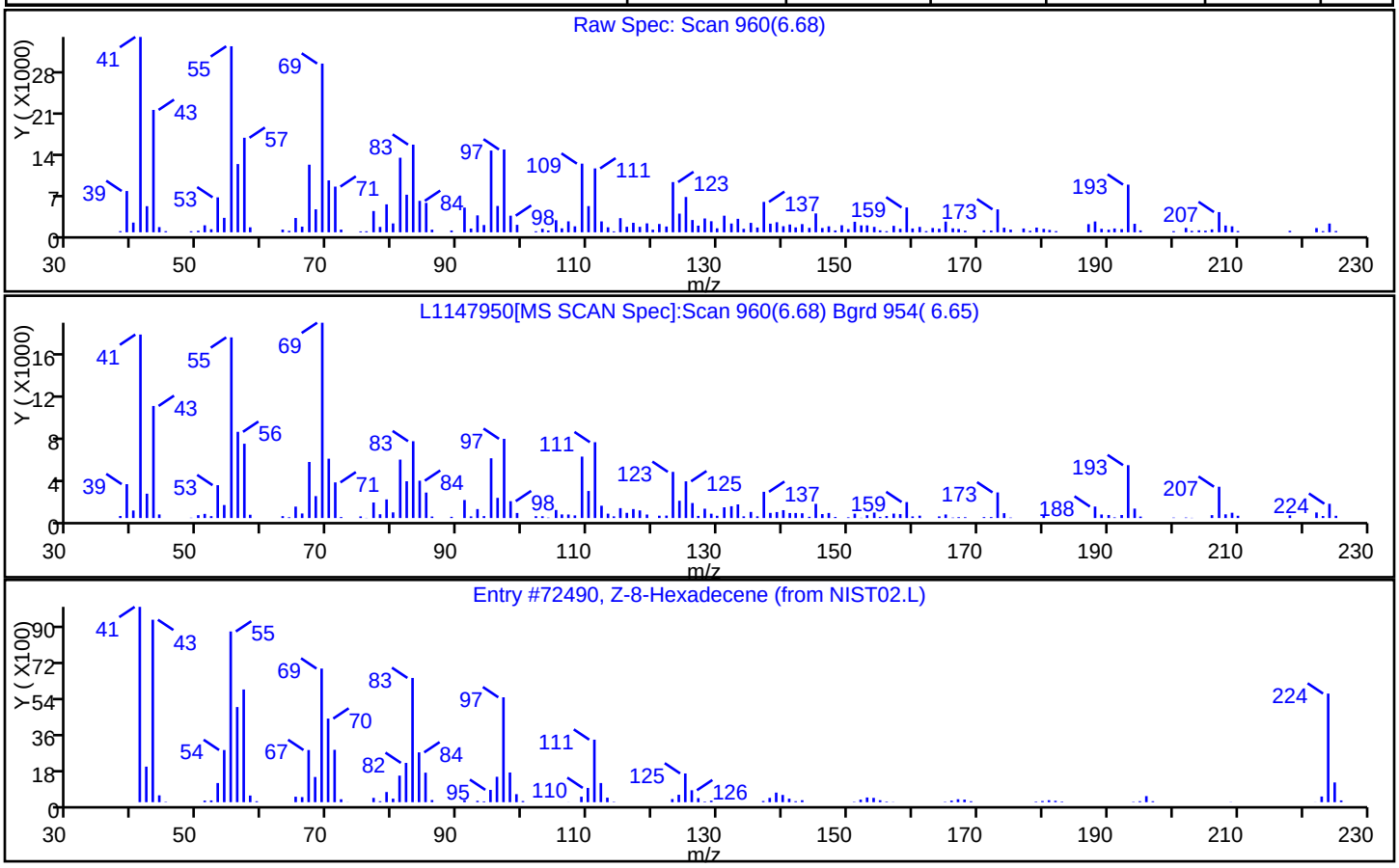
Operator ID: BNA 12 ALS Bottle#: 26 Worklist Smp#: 26

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Z-8-Hexadecene	1000130-87-	NIST02.L	72490	C16H32	224	89

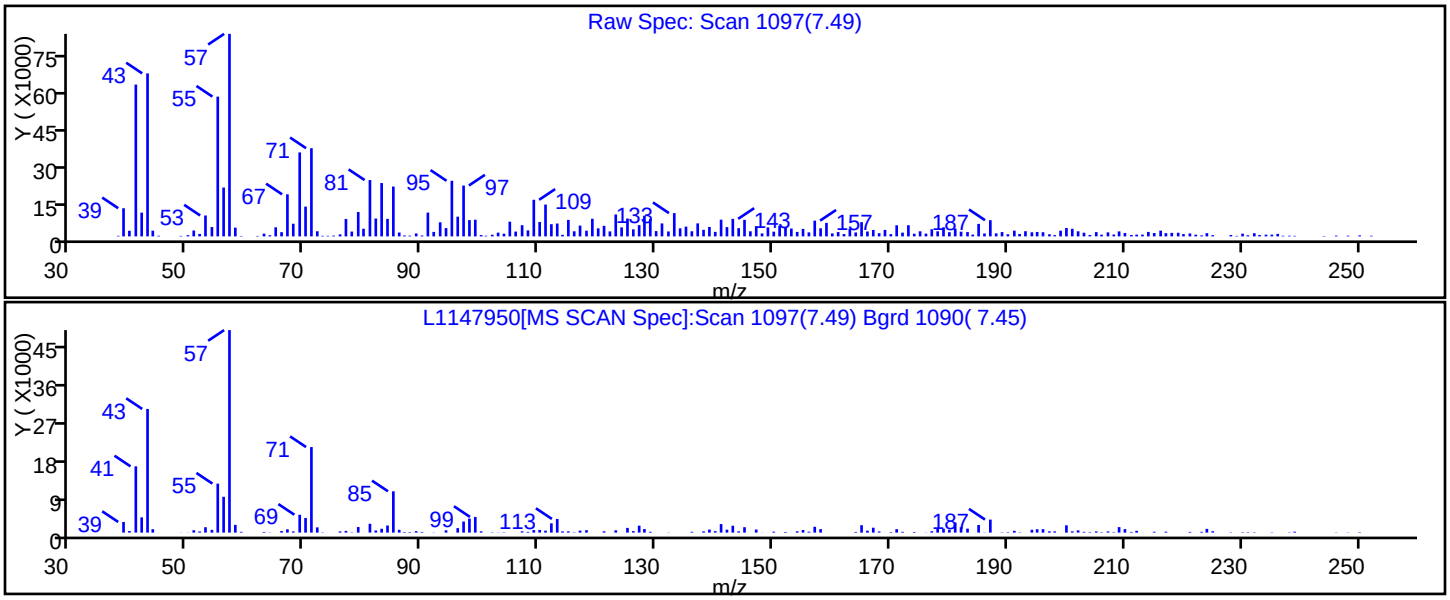


Report Date: 14-Mar-2014 15:31:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147950.D

Injection Date:	14-Mar-2014 12:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-37-C	Lab Sample ID:	460-72174-37		
Client ID:	PMP-10SW-WI				
Operator ID:	BNA 12	ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		

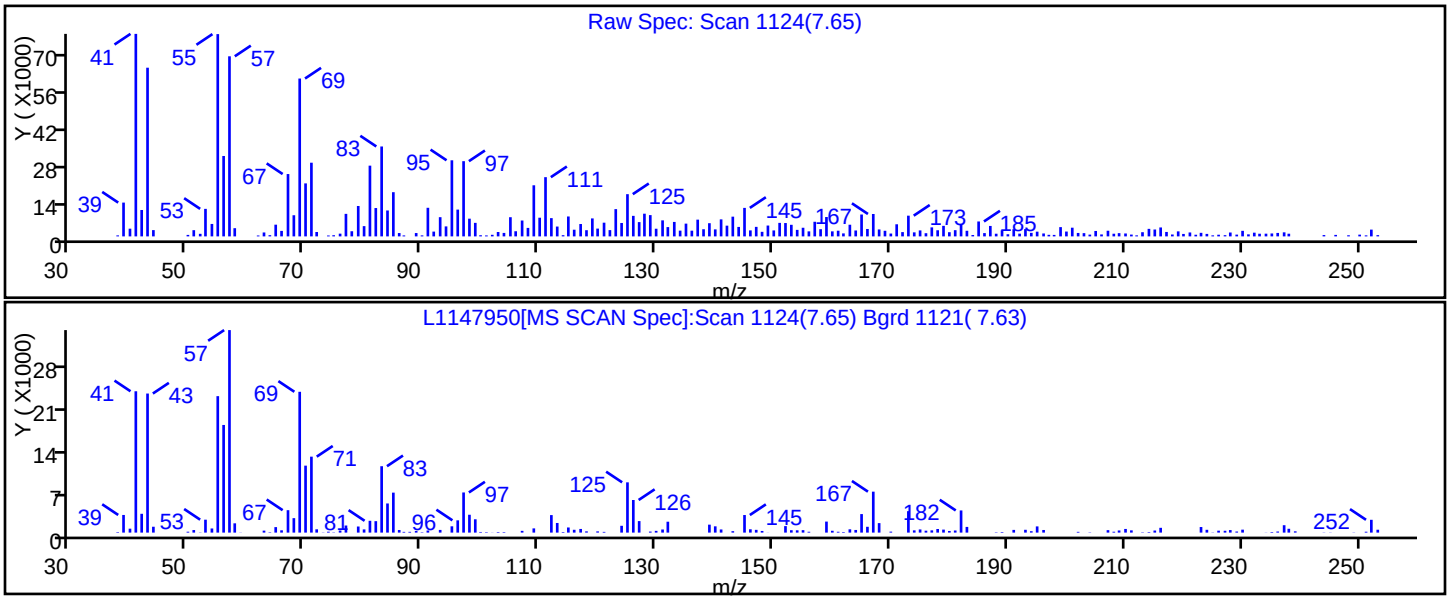


Report Date: 14-Mar-2014 15:31:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147950.D

Injection Date:	14-Mar-2014 12:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-37-C	Lab Sample ID:	460-72174-37		
Client ID:	PMP-10SW-WI				
Operator ID:	BNA 12	ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	No Library Matches Found above the Threshold: 80	Detector	MS SCAN		

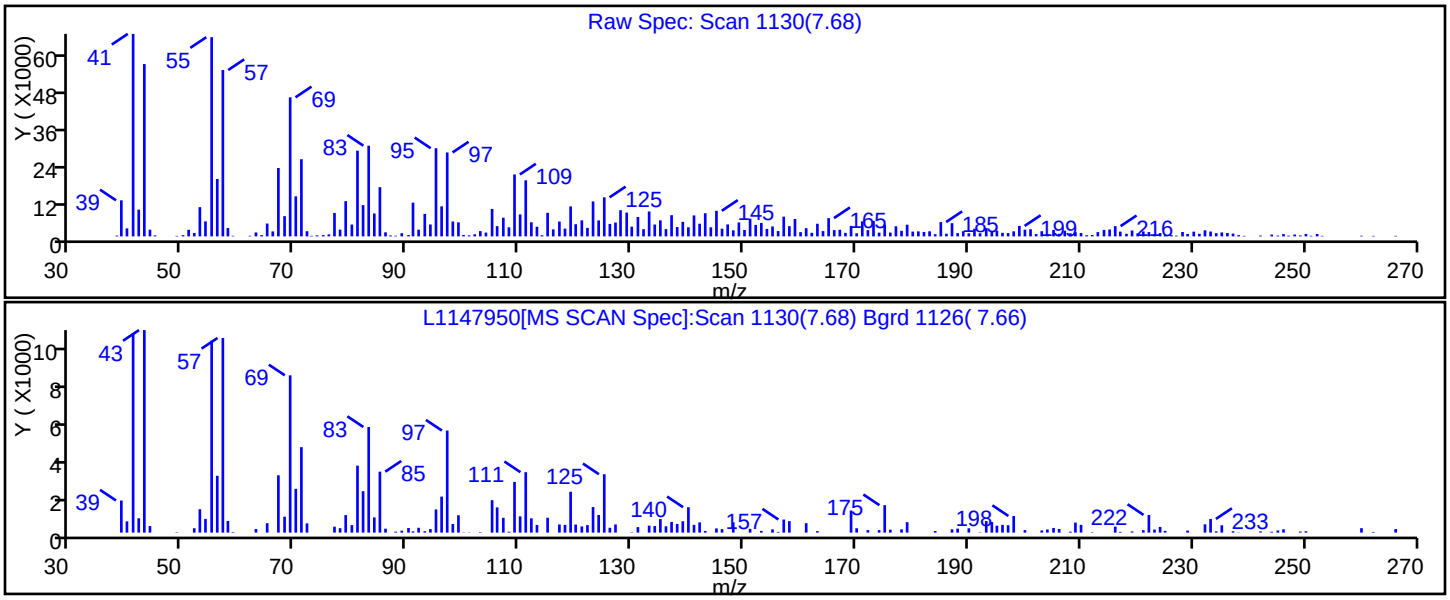


Report Date: 14-Mar-2014 15:31:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147950.D

Injection Date:	14-Mar-2014 12:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-37-C	Lab Sample ID:	460-72174-37		
Client ID:	PMP-10SW-WI				
Operator ID:	BNA 12	ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	No Library Matches Found above the Threshold: 80	Detector	MS SCAN		



Report Date: 14-Mar-2014 15:31:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147950.D

Injection Date: 14-Mar-2014 12:22:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-37-C Lab Sample ID: 460-72174-37

Client ID: PMP-10SW-WI

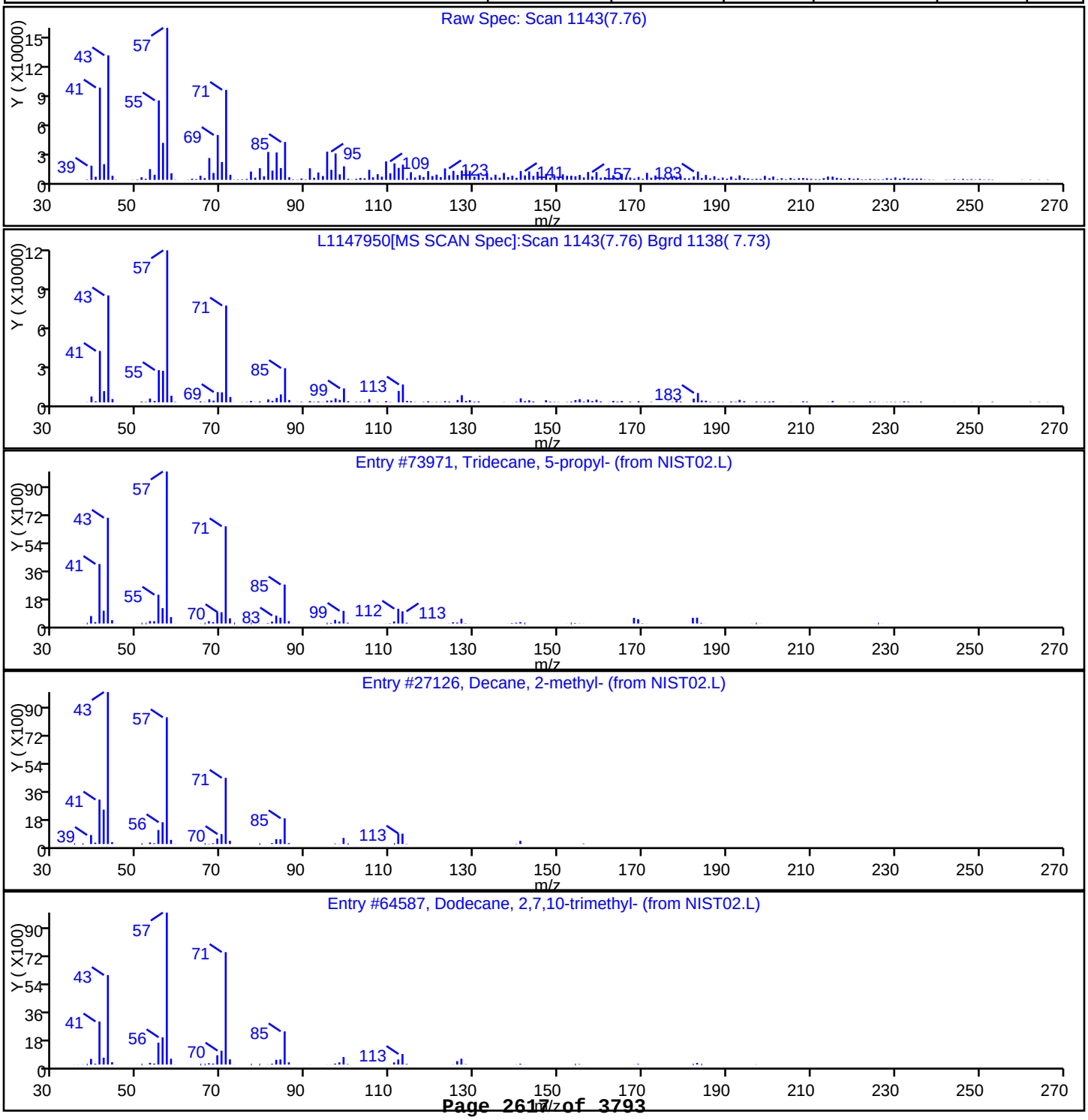
Operator ID: BNA 12 ALS Bottle#: 26 Worklist Smp#: 26

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tridecane, 5-propyl-	55045-11-9	NIST02.L	73971	C16H34	226	93
Decane, 2-methyl-	6975-98-0	NIST02.L	27126	C11H24	156	87
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	86



Report Date: 14-Mar-2014 15:31:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147950.D

Injection Date: 14-Mar-2014 12:22:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-37-C Lab Sample ID: 460-72174-37

Client ID: PMP-10SW-WI

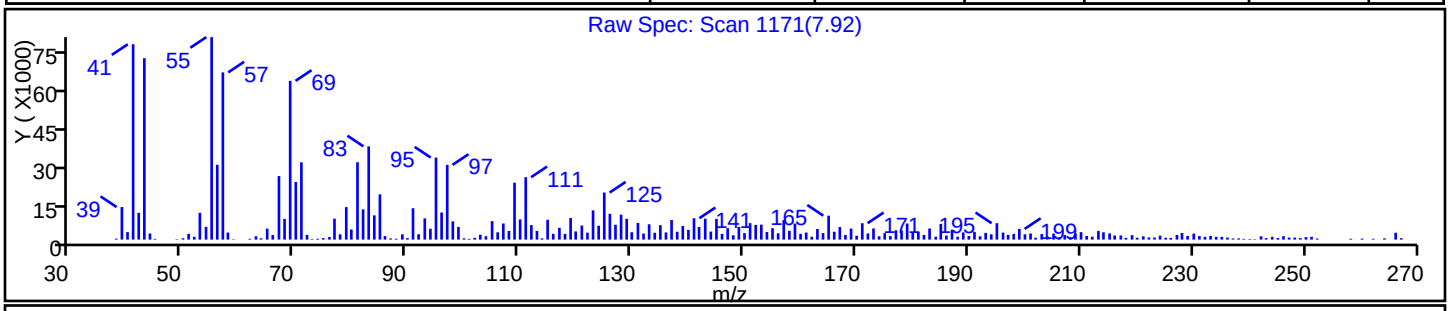
Operator ID: BNA 12 ALS Bottle#: 26 Worklist Smp#: 26

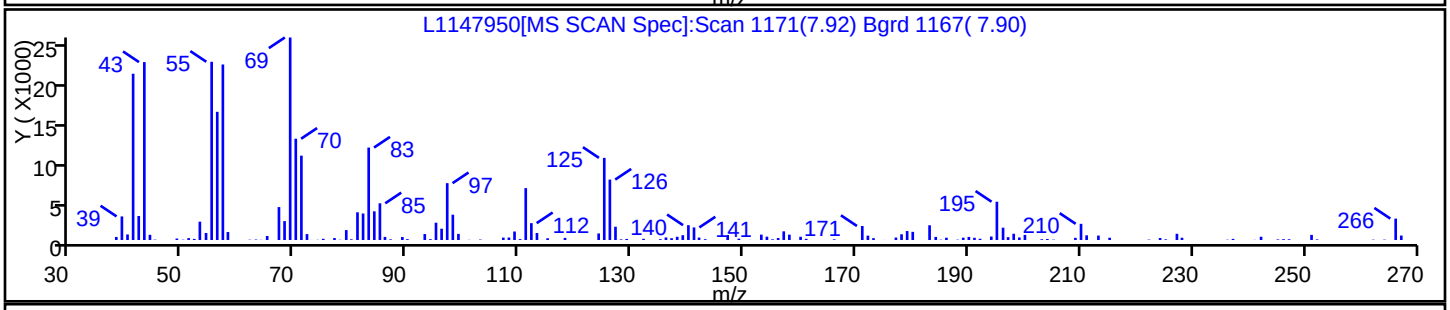
Injection Vol: 1.0 ul Dil. Factor: 1.0000

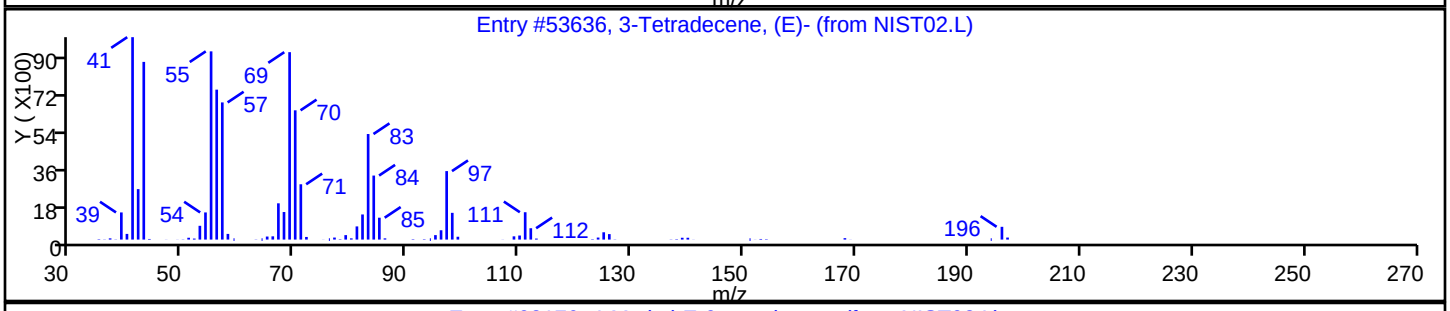
Method: 8270_12R Limit Group: SV 8270 ICAL

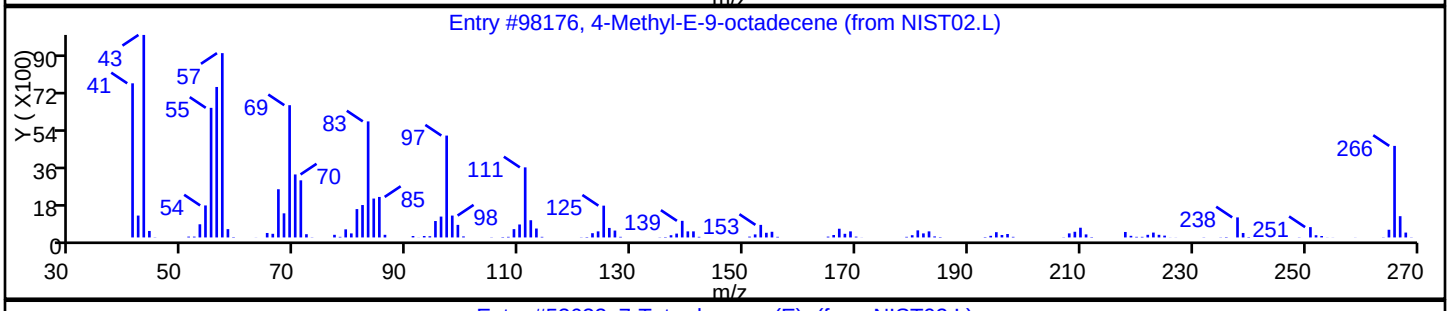
Column: Detector MS SCAN

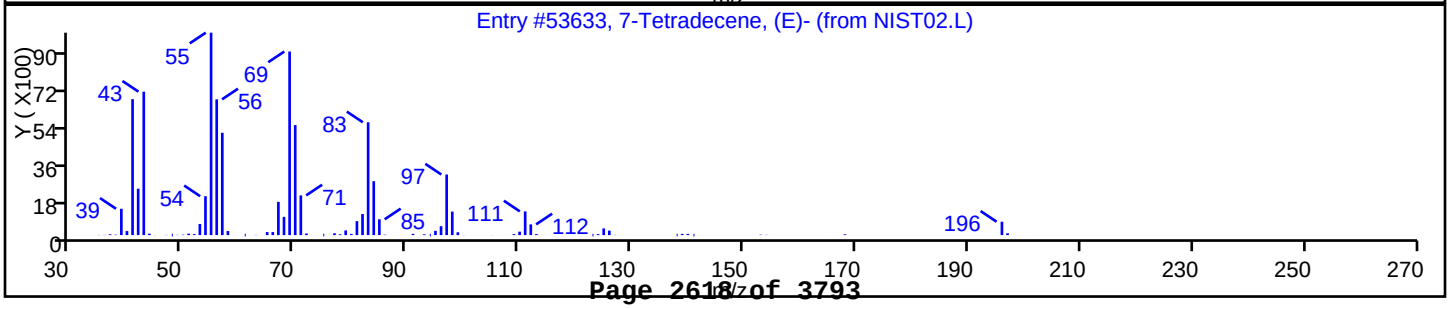
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
3-Tetradecene, (E)-	41446-68-8	NIST02.L	53636	C14H28	196	86
4-Methyl-E-9-octadecene	1000130-87-	NIST02.L	98176	C19H38	266	83
7-Tetradecene, (E)-	41446-63-3	NIST02.L	53633	C14H28	196	83







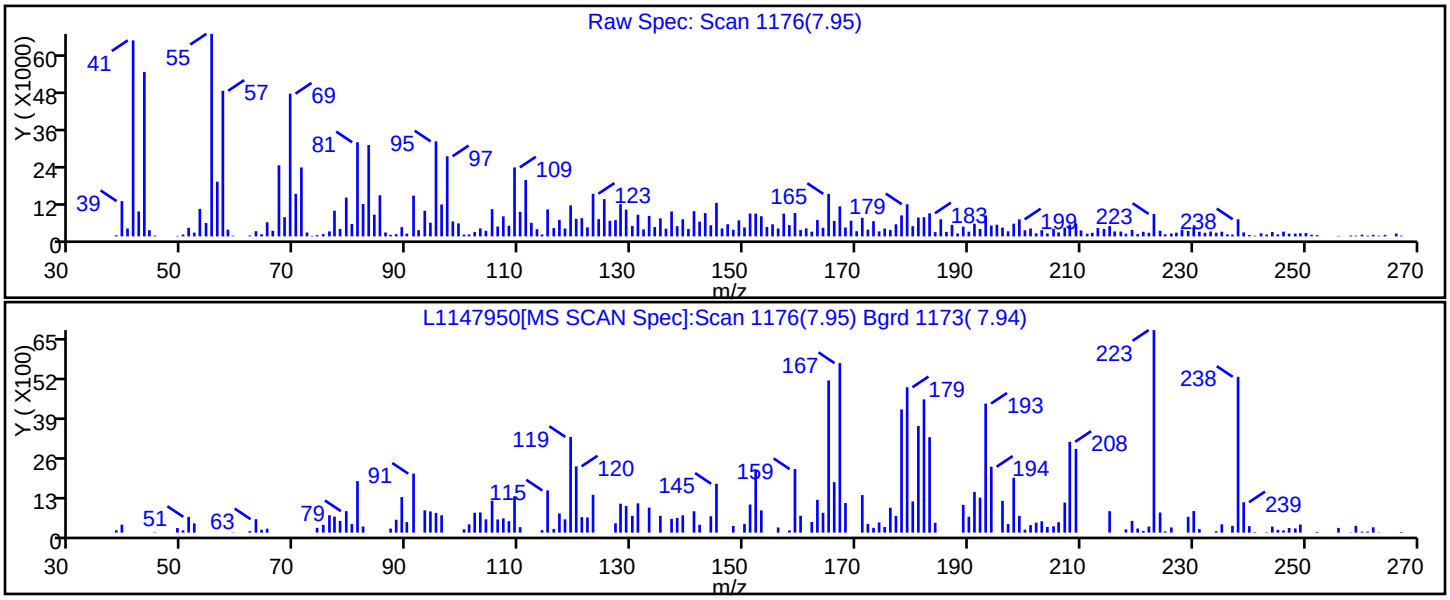




Report Date: 14-Mar-2014 15:31:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147950.D				
Injection Date:	14-Mar-2014 12:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-37-C	Lab Sample ID:	460-72174-37		
Client ID:	PMP-10SW-WI				
Operator ID:	BNA 12	ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Solution	No Library Matches Found above the Threshold: 80	Detector	MS SCAN		



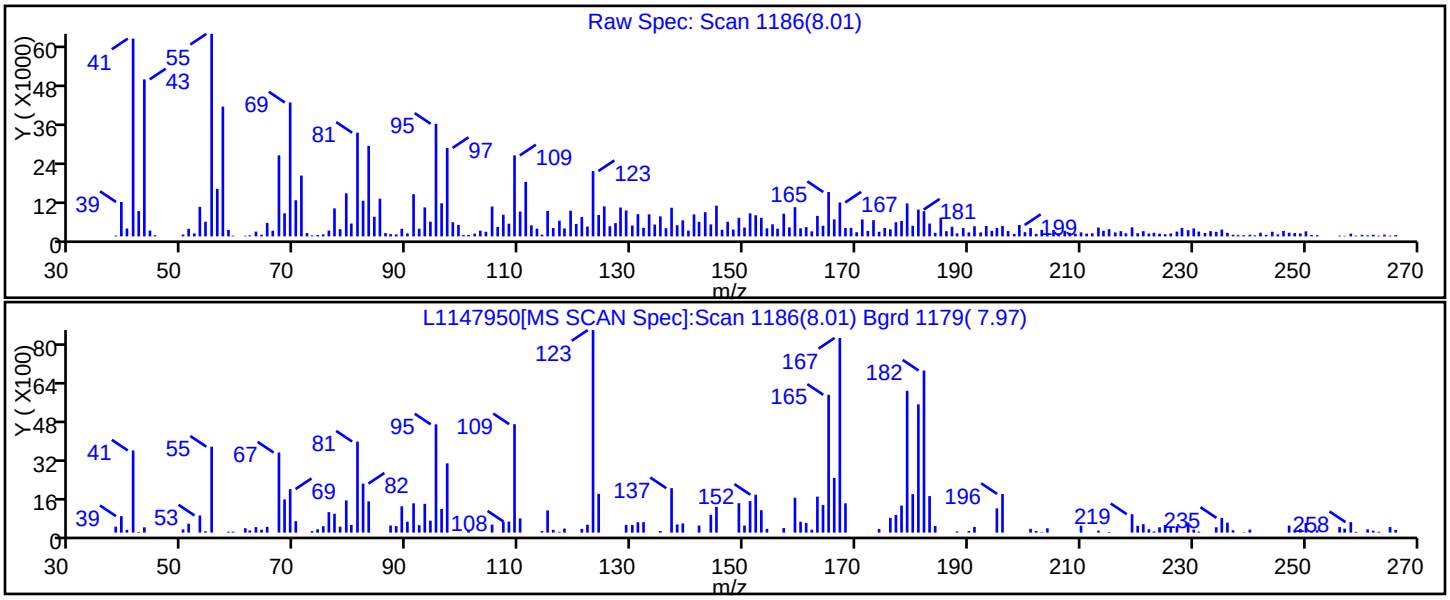
Report Date: 14-Mar-2014 15:31:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147950.D

Injection Date:	14-Mar-2014 12:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-37-C	Lab Sample ID:	460-72174-37		
Client ID:	PMP-10SW-WI				
Operator ID:	BNA 12	ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



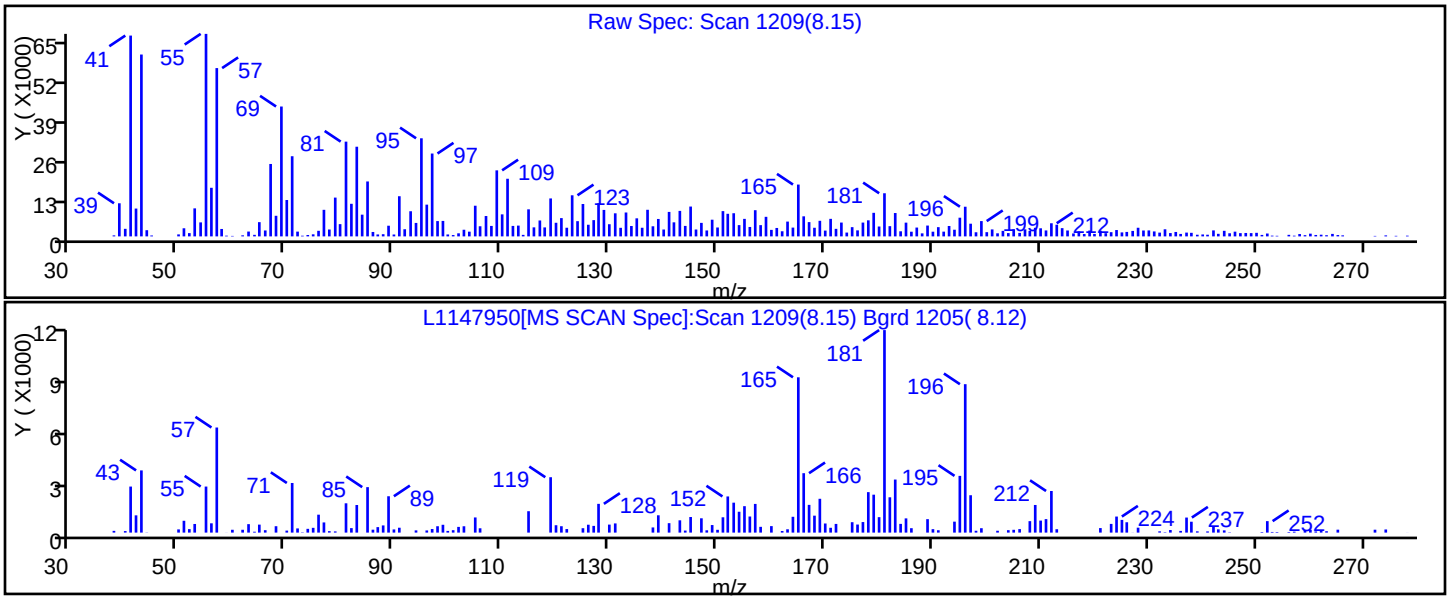
Report Date: 14-Mar-2014 15:31:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147950.D

Injection Date:	14-Mar-2014 12:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-37-C	Lab Sample ID:	460-72174-37		
Client ID:	PMP-10SW-WI				
Operator ID:	BNA 12	ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 14-Mar-2014 15:31:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147950.D

Injection Date: 14-Mar-2014 12:22:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-37-C Lab Sample ID: 460-72174-37

Client ID: PMP-10SW-WI

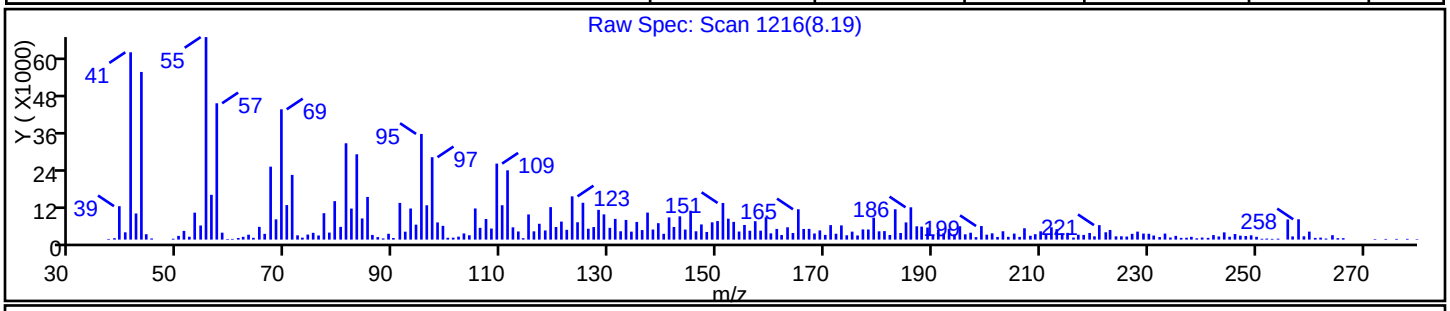
Operator ID: BNA 12 ALS Bottle#: 26 Worklist Smp#: 26

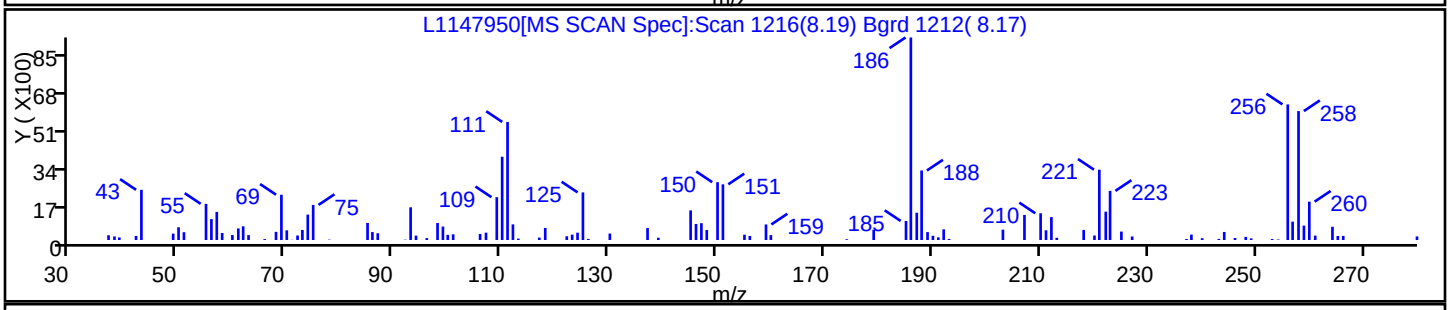
Injection Vol: 1.0 ul Dil. Factor: 1.0000

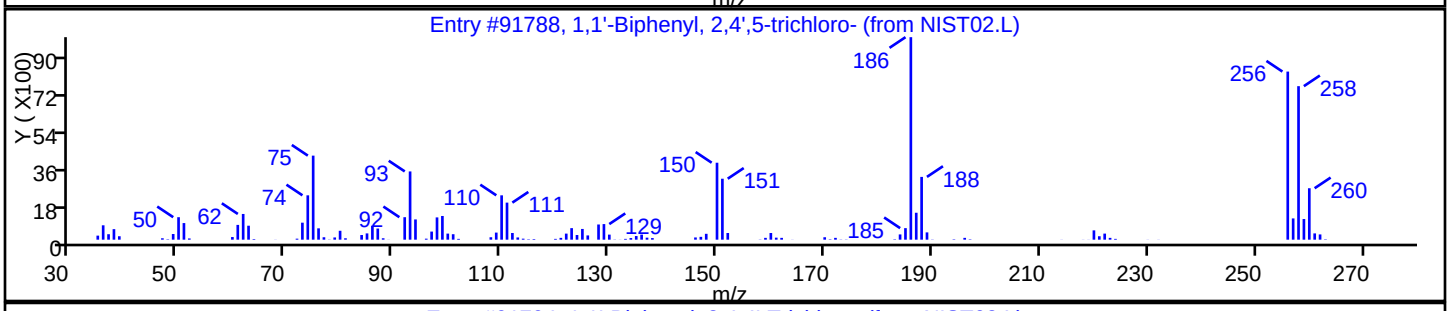
Method: 8270_12R Limit Group: SV 8270 ICAL

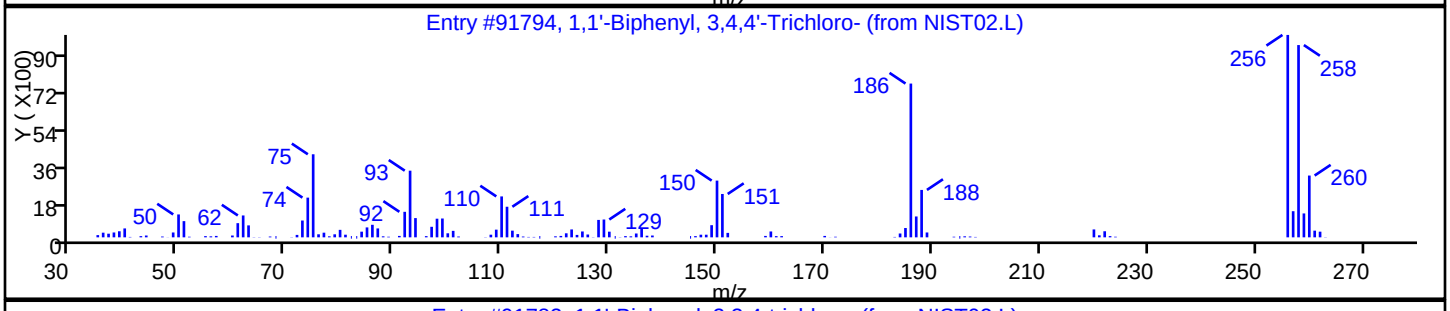
Column: Detector MS SCAN

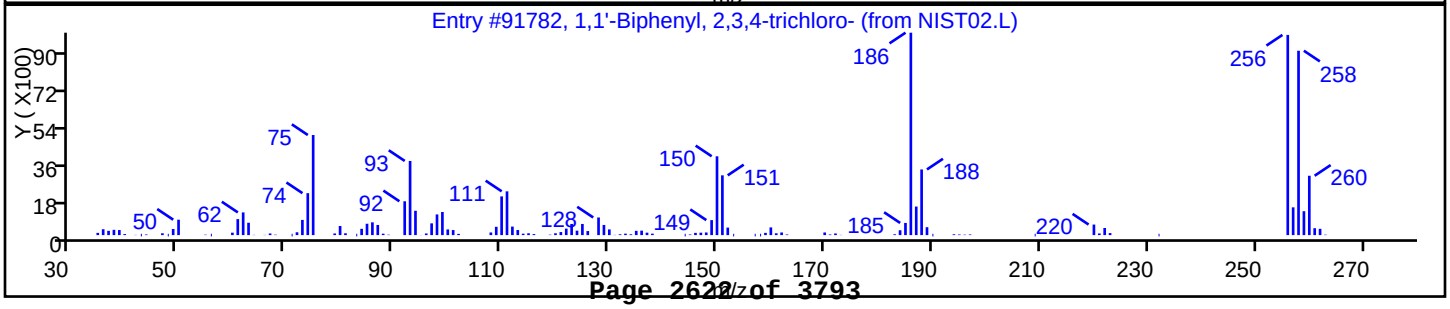
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	91
1,1'-Biphenyl, 3,4,4'-Trichloro-	38444-90-5	NIST02.L	91794	C12H7Cl3	256	83
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	C12H7Cl3	256	83











Report Date: 14-Mar-2014 15:31:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147950.D

Injection Date: 14-Mar-2014 12:22:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-37-C Lab Sample ID: 460-72174-37

Client ID: PMP-10SW-WI

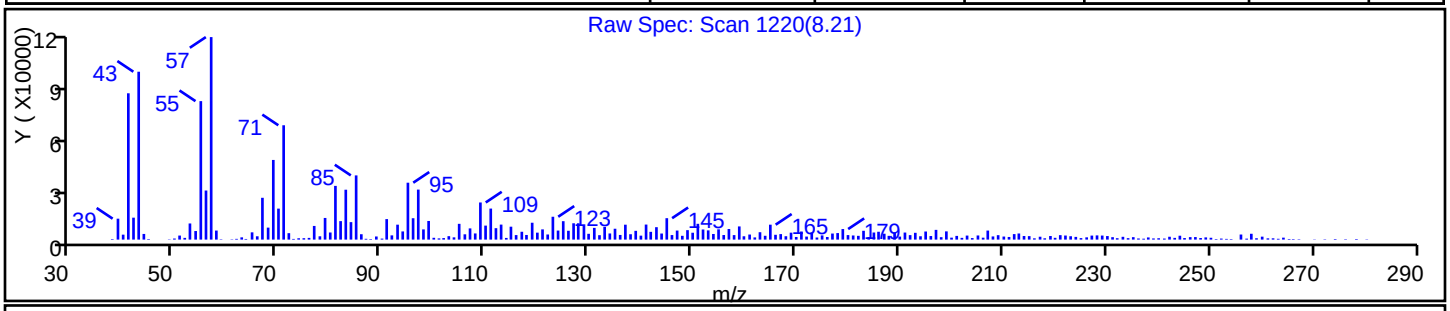
Operator ID: BNA 12 ALS Bottle#: 26 Worklist Smp#: 26

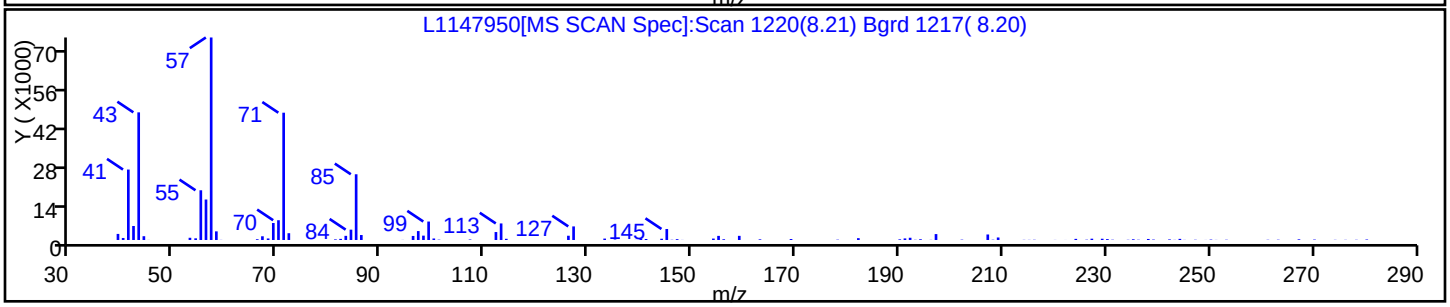
Injection Vol: 1.0 ul Dil. Factor: 1.0000

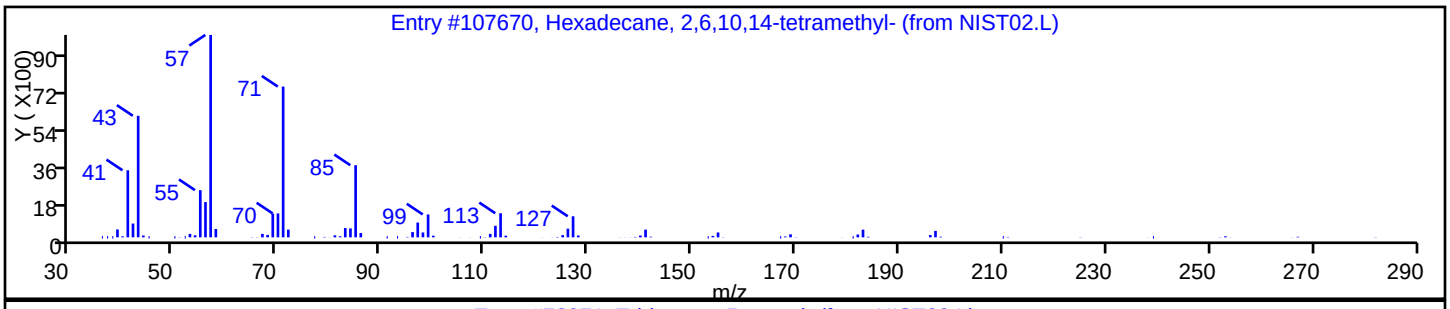
Method: 8270_12R Limit Group: SV 8270 ICAL

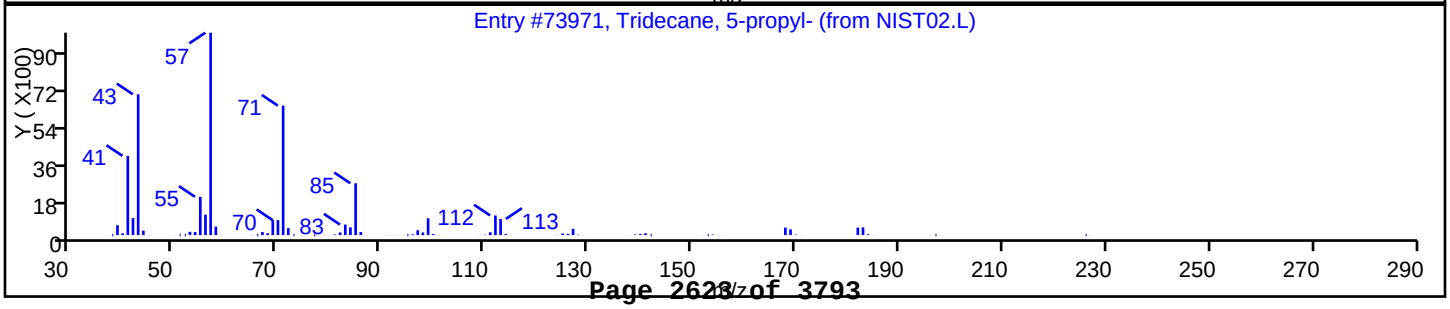
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	C20H42	282	83
Tridecane, 5-propyl-	55045-11-9	NIST02.L	73971	C16H34	226	81









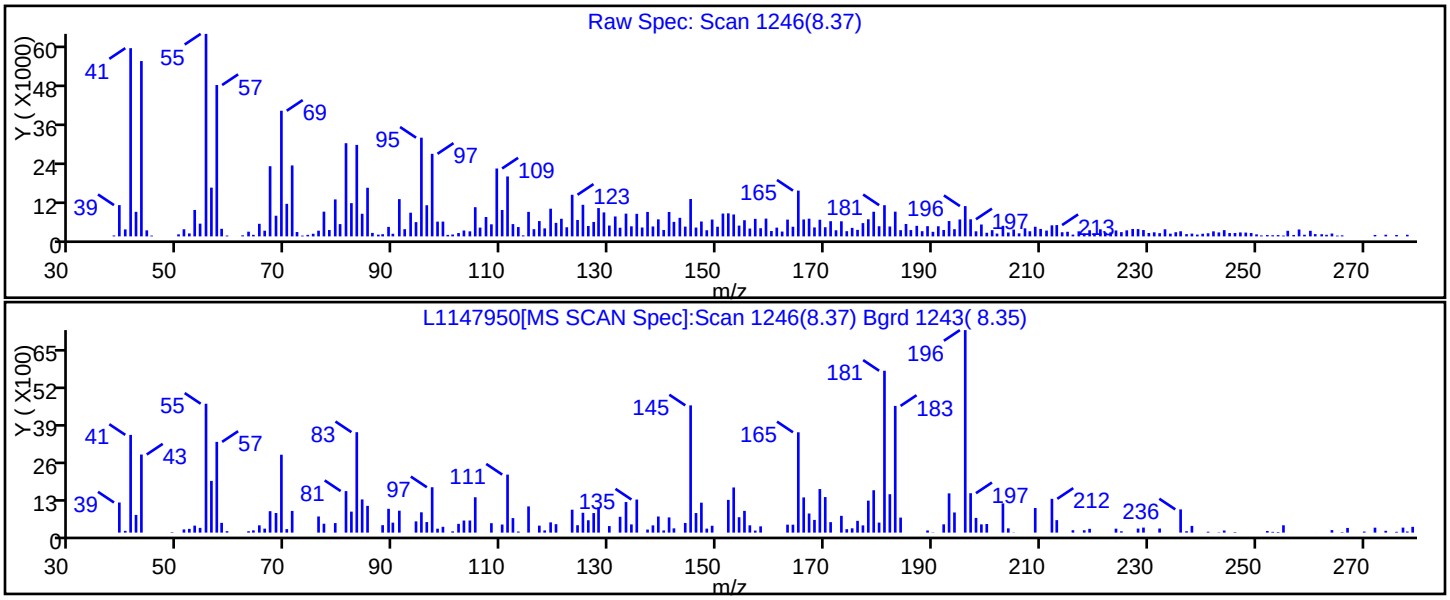
Report Date: 14-Mar-2014 15:31:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147950.D

Injection Date:	14-Mar-2014 12:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-37-C	Lab Sample ID:	460-72174-37		
Client ID:	PMP-10SW-WI				
Operator ID:	BNA 12	ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



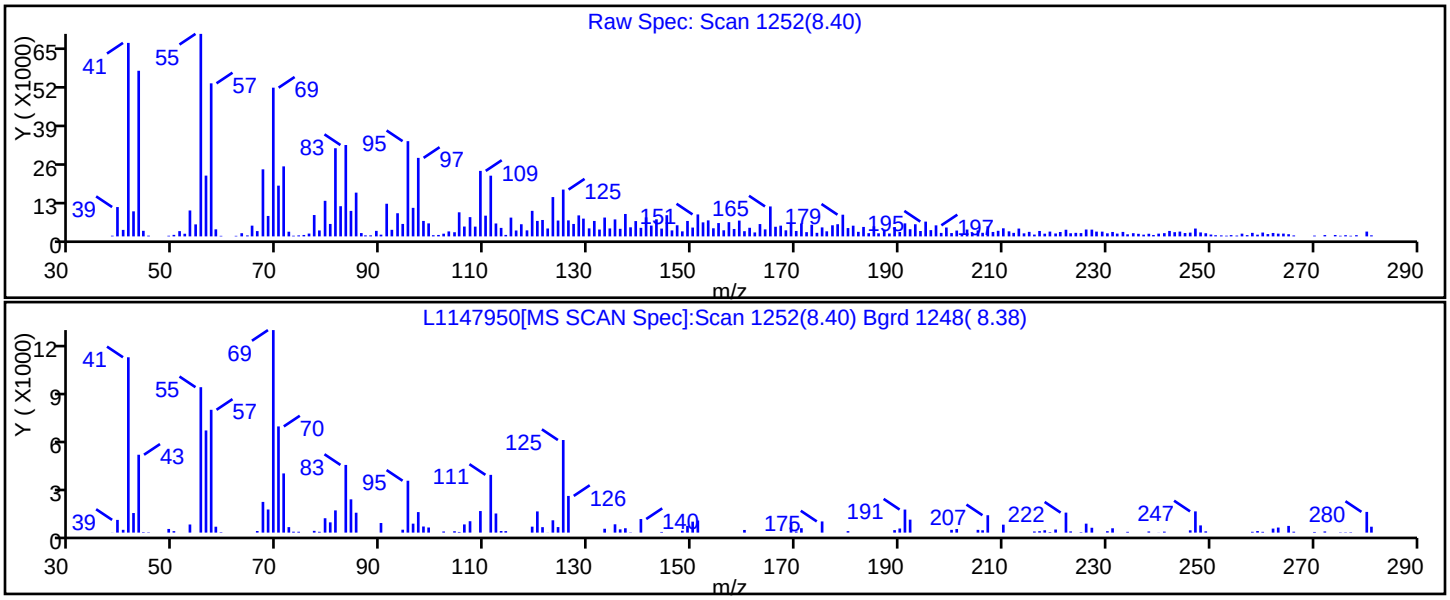
Report Date: 14-Mar-2014 15:31:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147950.D

Injection Date:	14-Mar-2014 12:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-37-C	Lab Sample ID:	460-72174-37		
Client ID:	PMP-10SW-WI				
Operator ID:	BNA 12	ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

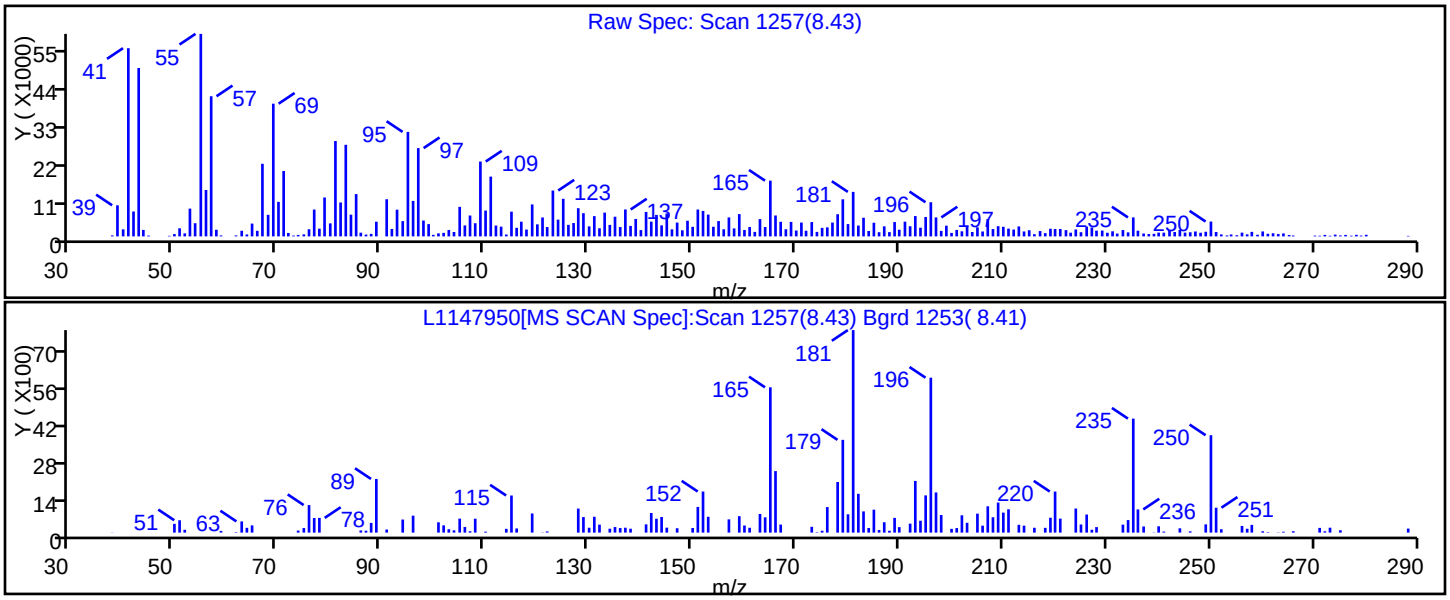


Report Date: 14-Mar-2014 15:31:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147950.D

Injection Date:	14-Mar-2014 12:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-37-C	Lab Sample ID:	460-72174-37		
Client ID:	PMP-10SW-WI				
Operator ID:	BNA 12	ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



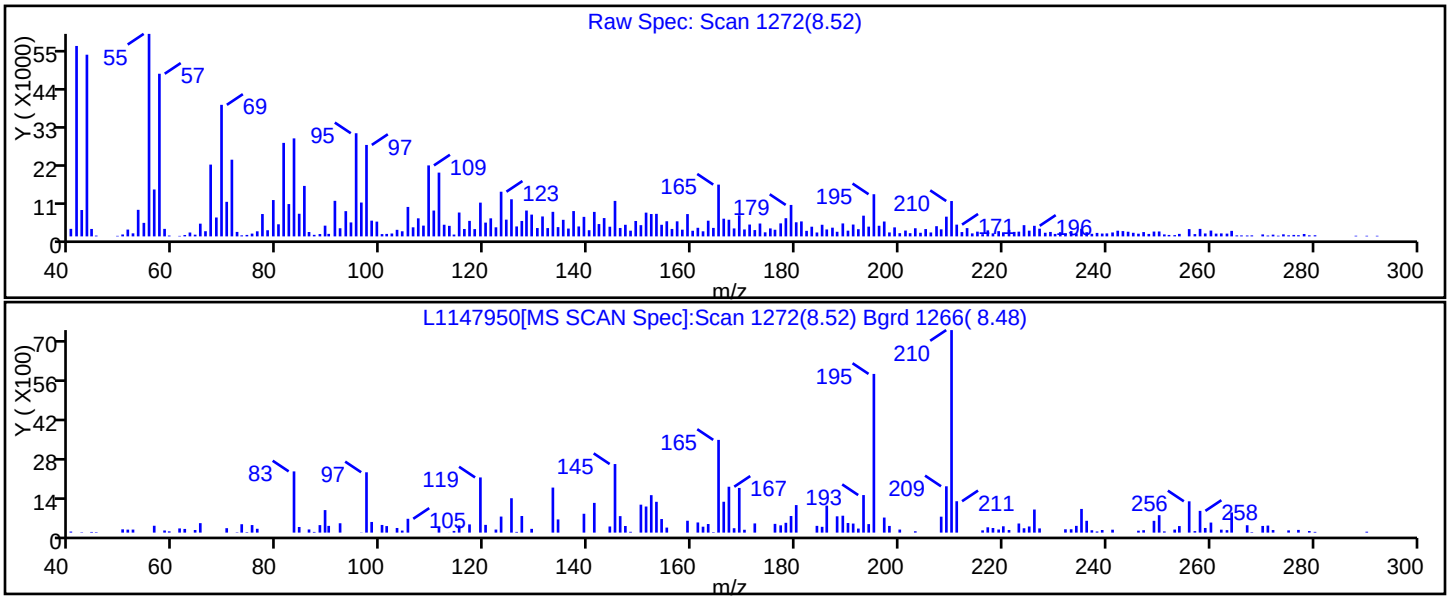
Report Date: 14-Mar-2014 15:31:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147950.D

Injection Date:	14-Mar-2014 12:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-37-C	Lab Sample ID:	460-72174-37		
Client ID:	PMP-10SW-WI				
Operator ID:	BNA 12	ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

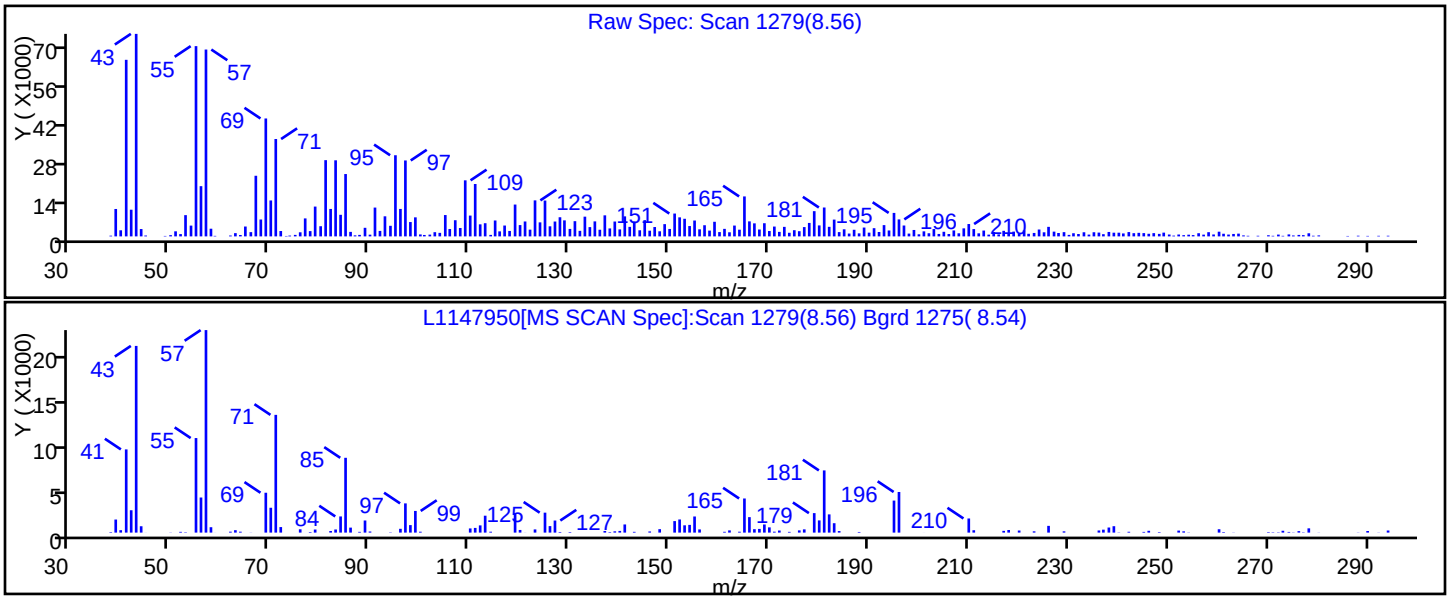


Report Date: 14-Mar-2014 15:31:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147950.D

Injection Date:	14-Mar-2014 12:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-37-C	Lab Sample ID:	460-72174-37		
Client ID:	PMP-10SW-WI				
Operator ID:	BNA 12	ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Number of Library Matches Found above the Threshold: 80	Detector	MS SCAN		



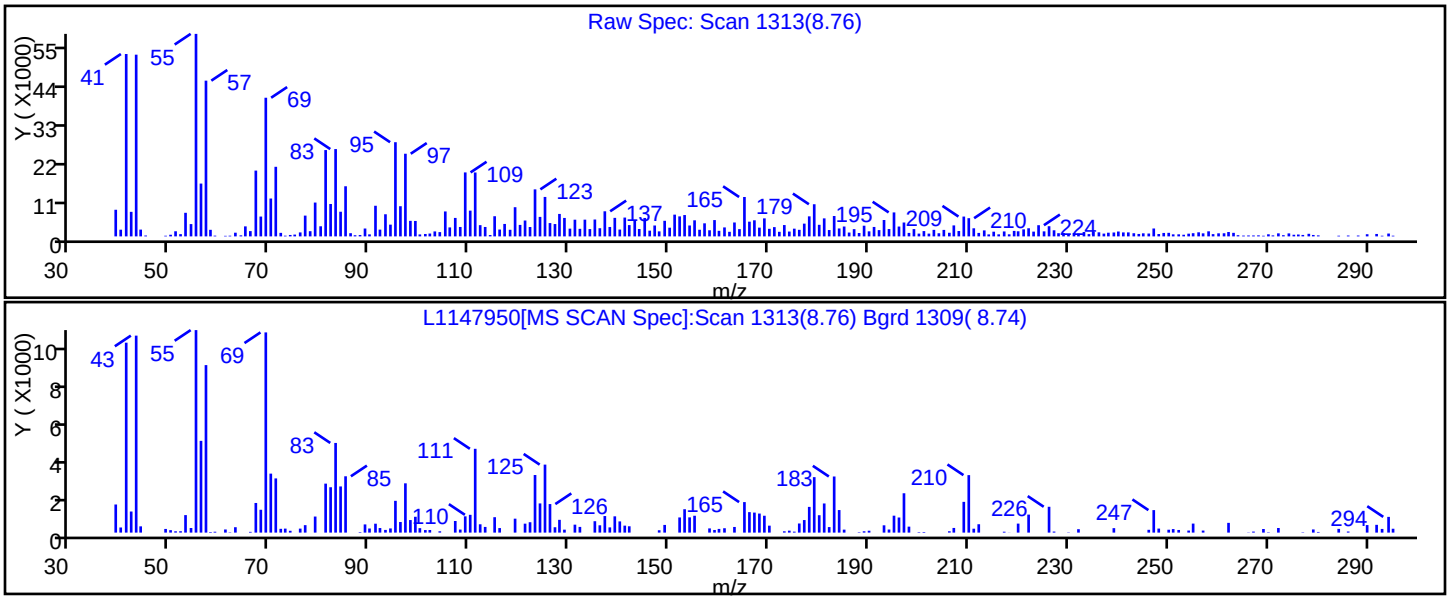
Report Date: 14-Mar-2014 15:31:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147950.D

Injection Date:	14-Mar-2014 12:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-37-C	Lab Sample ID:	460-72174-37		
Client ID:	PMP-10SW-WI				
Operator ID:	BNA 12	ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Solutra	Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 14-Mar-2014 15:31:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147950.D

Injection Date: 14-Mar-2014 12:22:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-37-C Lab Sample ID: 460-72174-37

Client ID: PMP-10SW-WI

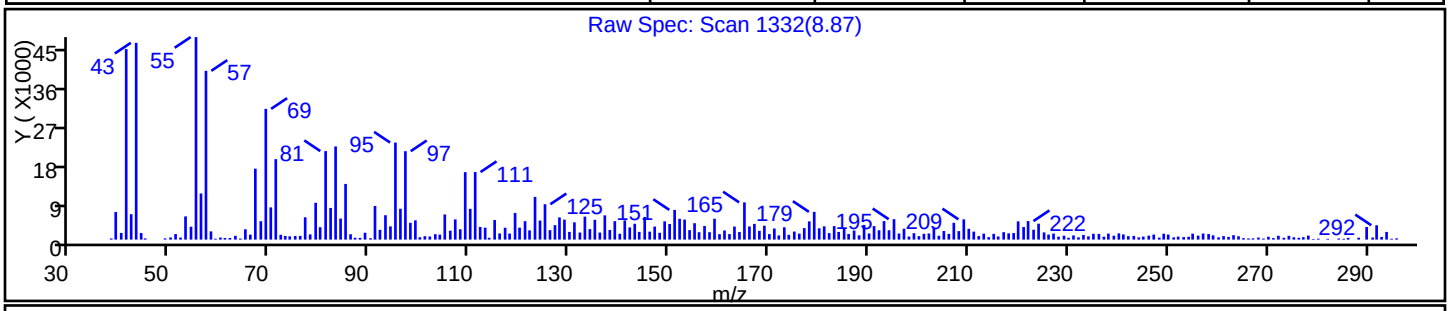
Operator ID: BNA 12 ALS Bottle#: 26 Worklist Smp#: 26

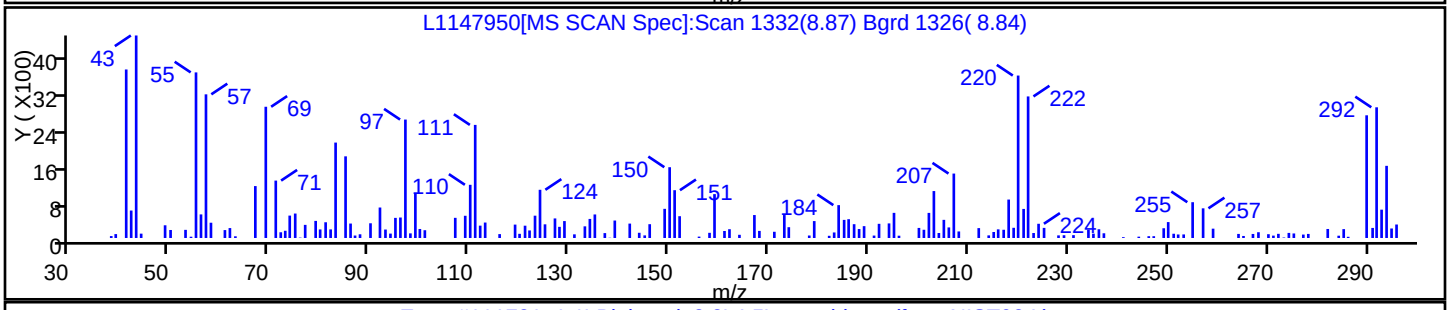
Injection Vol: 1.0 ul Dil. Factor: 1.0000

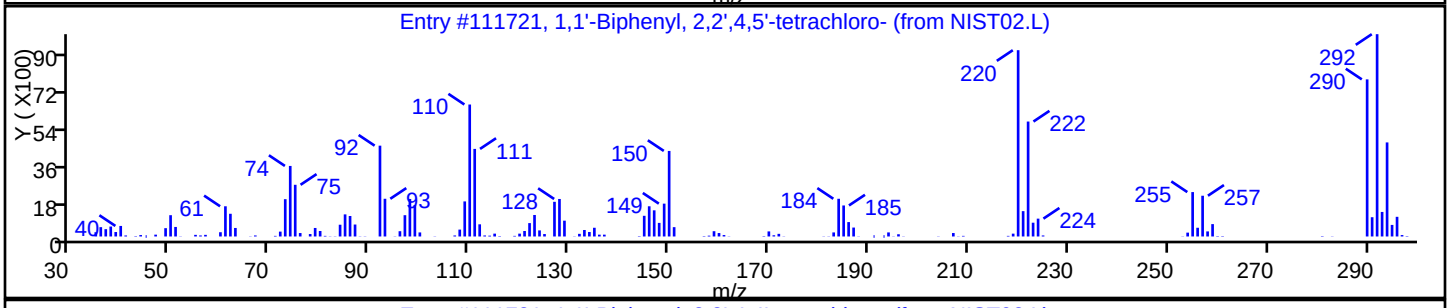
Method: 8270_12R Limit Group: SV 8270 ICAL

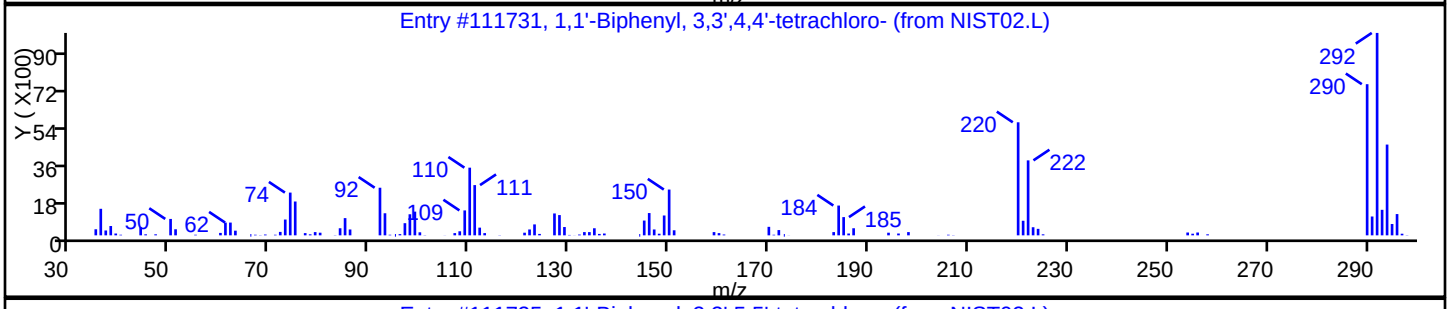
Column: Detector MS SCAN

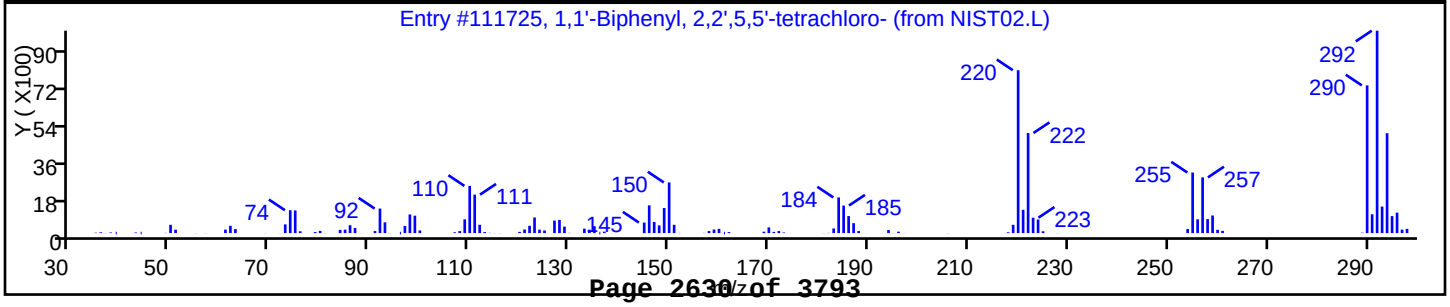
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	41464-40-8	NIST02.L	111721	C12H6Cl4	290	95
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111731	C12H6Cl4	290	93
1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	35693-99-3	NIST02.L	111725	C12H6Cl4	290	89









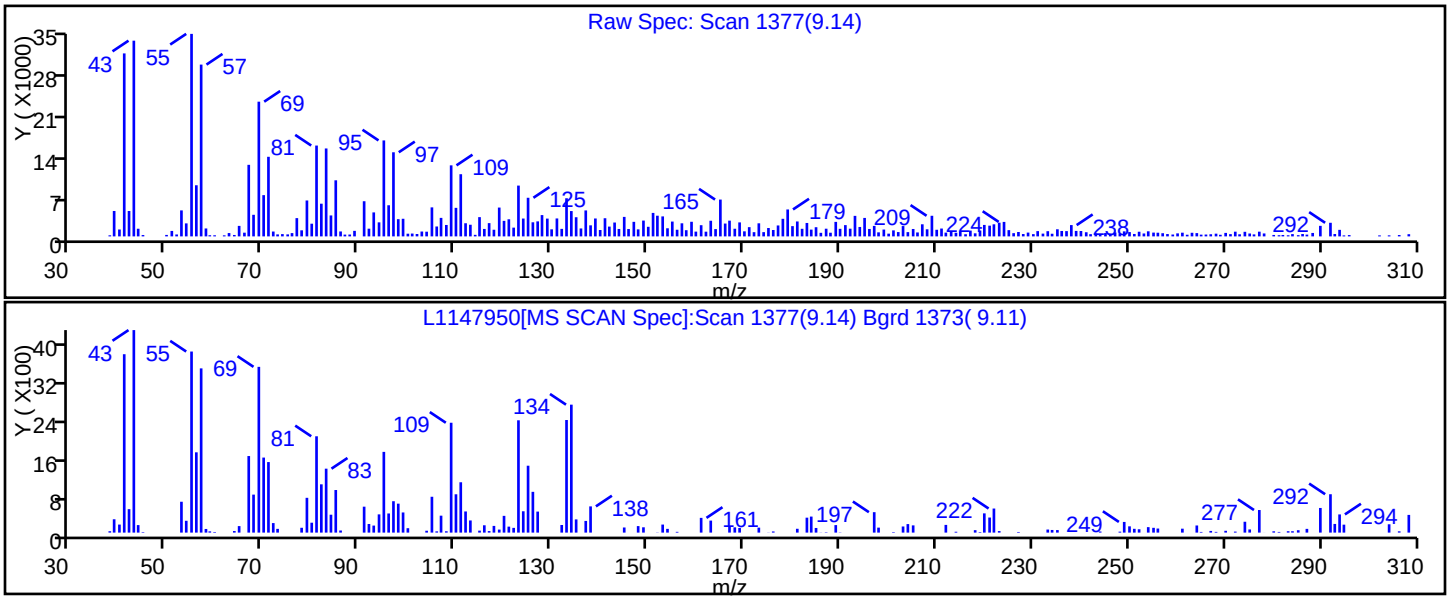


Report Date: 14-Mar-2014 15:31:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147950.D

Injection Date:	14-Mar-2014 12:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-72174-F-37-C	Lab Sample ID:	460-72174-37		
Client ID:	PMP-10SW-WI				
Operator ID:	BNA 12	ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		
Column:	Library Matches Found above the Threshold: 80	Detector	MS SCAN		



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SI | Lab Sample ID: 460-72174-38

Matrix: Solid | Lab File ID: L1147870.D

Analysis Method: 8270C | Date Collected: 03/06/2014 15:25

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/11/2014 20:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	51	U	380	51
95-57-8	2-Chlorophenol	50	U	380	50
95-48-7	2-Methylphenol	65	U	380	65
106-44-5	4-Methylphenol	75	U	380	75
100-52-7	Benzaldehyde	45	U	380	45
98-86-2	Acetophenone	59	U	380	59
111-44-4	Bis(2-chloroethyl)ether	5.2	U	38	5.2
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	380	42
621-64-7	N-Nitrosodi-n-propylamine	6.4	U	38	6.4
98-95-3	Nitrobenzene	5.4	U *	38	5.4
67-72-1	Hexachloroethane	4.2	U	38	4.2
78-59-1	Isophorone	46	U	380	46
88-75-5	2-Nitrophenol	43	U	380	43
105-67-9	2,4-Dimethylphenol	94	U	380	94
120-83-2	2,4-Dichlorophenol	56	U	380	56
111-91-1	Bis(2-chloroethoxy)methane	49	U	380	49
91-20-3	Naphthalene	44	U	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.3	U	77	9.3
105-60-2	Caprolactam	88	U	380	88
59-50-7	4-Chloro-3-methylphenol	58	U	380	58
91-57-6	2-Methylnaphthalene	49	U	380	49
118-74-1	Hexachlorobenzene	5.2	U	38	5.2
77-47-4	Hexachlorocyclopentadiene	45	U	380	45
88-06-2	2,4,6-Trichlorophenol	45	U	380	45
95-95-4	2,4,5-Trichlorophenol	49	U	380	49
92-52-4	Diphenyl	51	U	380	51
91-58-7	2-Chloronaphthalene	43	U	380	43
88-74-4	2-Nitroaniline	160	U	380	160
606-20-2	2,6-Dinitrotoluene	11	U	77	11
131-11-3	Dimethyl phthalate	45	U	380	45
208-96-8	Acenaphthylene	45	U	380	45
99-09-2	3-Nitroaniline	130	U	380	130
83-32-9	Acenaphthene	56	U	380	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SI | Lab Sample ID: 460-72174-38

Matrix: Solid | Lab File ID: L1147870.D

Analysis Method: 8270C | Date Collected: 03/06/2014 15:25

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/11/2014 20:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	380	250
51-28-5	2,4-Dinitrophenol	220	U	770	220
132-64-9	Dibenzofuran	45	U	380	45
84-66-2	Diethyl phthalate	45	U	380	45
86-73-7	Fluorene	49	U	380	49
206-44-0	Fluoranthene	51	U	380	51
84-74-2	Di-n-butyl phthalate	47	U	380	47
121-14-2	2,4-Dinitrotoluene	13	U	77	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	380	45
100-01-6	4-Nitroaniline	120	U	770	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	770	100
101-55-3	4-Bromophenyl phenyl ether	38	U	380	38
1912-24-9	Atrazine	59	U	380	59
120-12-7	Anthracene	46	U	380	46
86-74-8	Carbazole	45	U	380	45
85-01-8	Phenanthrene	49	U	380	49
87-86-5	Pentachlorophenol	110	U	770	110
129-00-0	Pyrene	32	U	380	32
218-01-9	Chrysene	44	U	380	44
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.7	U	38	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	380	38
85-68-7	Butyl benzyl phthalate	35	U	380	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	24	U	380	24
193-39-5	Indeno[1,2,3-cd]pyrene	7.1	U	38	7.1
53-70-3	Dibenz(a,h)anthracene	4.8	U	38	4.8
91-94-1	3,3'-Dichlorobenzidine	130	U	380	130
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	380	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SI Lab Sample ID: 460-72174-38

Matrix: Solid Lab File ID: L1147870.D

Analysis Method: 8270C Date Collected: 03/06/2014 15:25

Extract. Method: 3541 Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.00(g) Date Analyzed: 03/11/2014 20:55

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	97		40-106
4165-62-2	Phenol-d5	89		44-104
1718-51-0	Terphenyl-d14	103		41-145
118-79-6	2,4,6-Tribromophenol	94		19-114
367-12-4	2-Fluorophenol	87		39-103
321-60-8	2-Fluorobiphenyl	99		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SI | Lab Sample ID: 460-72174-38

Matrix: Solid | Lab File ID: L1147870.D

Analysis Method: 8270C | Date Collected: 03/06/2014 15:25

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/11/2014 20:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

Number TICs Found: 2 | TIC Result Total: 780

CAS NO.	COMPOUND NAME	RT	RESULT	Q
629-78-7	Heptadecane	7.74	460	J N
593-45-3	Octadecane	8.18	320	J N

Report Date: 14-Mar-2014 10:01:25 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147870.D
Lims ID: 460-72174-F-38-C Lab Sample ID: 460-72174-38
Client ID: PMP-10SW-SI
Sample Type: Client
Inject. Date: 11-Mar-2014 20:55:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010722-013
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 10:00:53 Calib Date: 05-Mar-2014 23:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147714.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: croccom Date: 12-Mar-2014 08:47:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.454	2.431	0.023	94	113229	43.7	
$ 6 Phenol-d5	99	3.360	3.366	-0.006	68	135285	44.7	
* 13 1,4-Dichlorobenzene-d4	152	3.713	3.713	0.0	96	91721	40.0	
$ 25 Nitrobenzene-d5	82	4.290	4.296	-0.006	92	125283	48.6	
* 35 Naphthalene-d8	136	5.019	5.019	0.0	99	333774	40.0	
$ 48 2-Fluorobiphenyl	172	6.125	6.125	0.0	97	255876	49.5	
* 61 Acenaphthene-d10	164	6.778	6.778	0.0	93	158538	40.0	
$ 76 2,4,6-Tribromophenol	330	7.560	7.566	-0.006	93	35838	47.0	
* 83 Phenanthrene-d10	188	8.236	8.242	-0.006	98	223718	40.0	
$ 91 Terphenyl-d14	244	9.819	9.825	-0.006	99	181504	51.5	
* 96 Chrysene-d12	240	10.901	10.907	-0.006	99	165723	40.0	
* 103 Perylene-d12	264	12.689	12.695	-0.006	98	186210	40.0	

Report Date: 14-Mar-2014 10:01:25 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147870.D
Lims ID: 460-72174-F-38-C Lab Sample ID: 460-72174-38
Client ID: PMP-10SW-SI
Sample Type: Client
Inject. Date: 11-Mar-2014 20:55:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010722-013
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 10:00:53 Calib Date: 05-Mar-2014 23:36:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: croccom Date: 12-Mar-2014 08:47:42

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
629-78-7 Heptadecane								
7.742	88001	6.04	83	95	82607	C17H36	240	
593-45-3 Octadecane								
8.184	61356	4.21	83	94	91035	C18H38	254	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 83 Phenanthrene-d10	8.236	582311	40.0

QC Flag Legend

Processing Flags

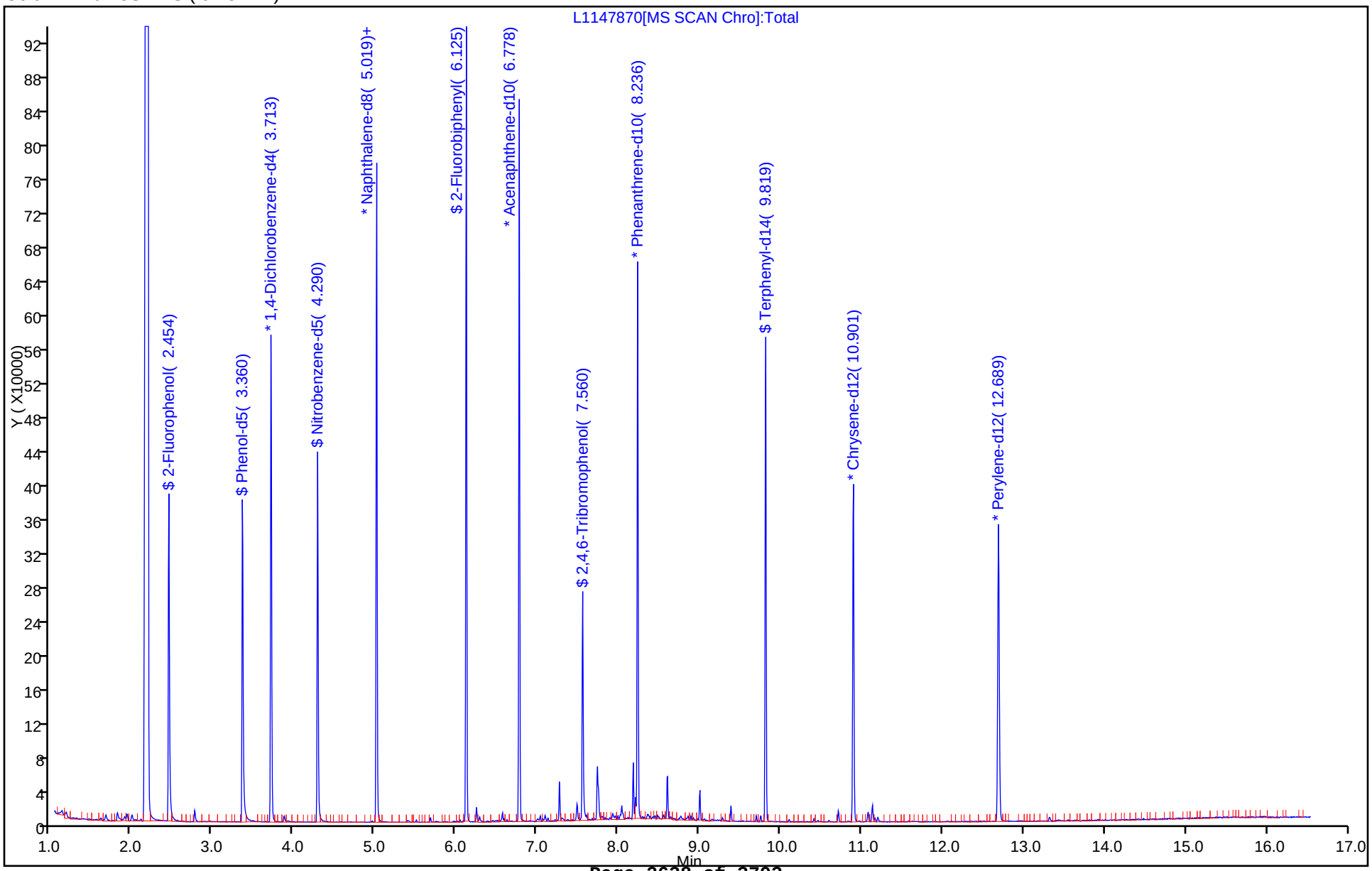
Report Date: 14-Mar-2014 10:01:25 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147870.D

Injection Date:	11-Mar-2014 20:55:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-72174-F-38-C	Lab Sample ID:	460-72174-38	Worklist Smp#:	13
Client ID:	PMP-10SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8270_12R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 14-Mar-2014 10:01:25 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147870.D

Injection Date: 11-Mar-2014 20:55:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-38-C Lab Sample ID: 460-72174-38

Client ID: PMP-10SW-SI

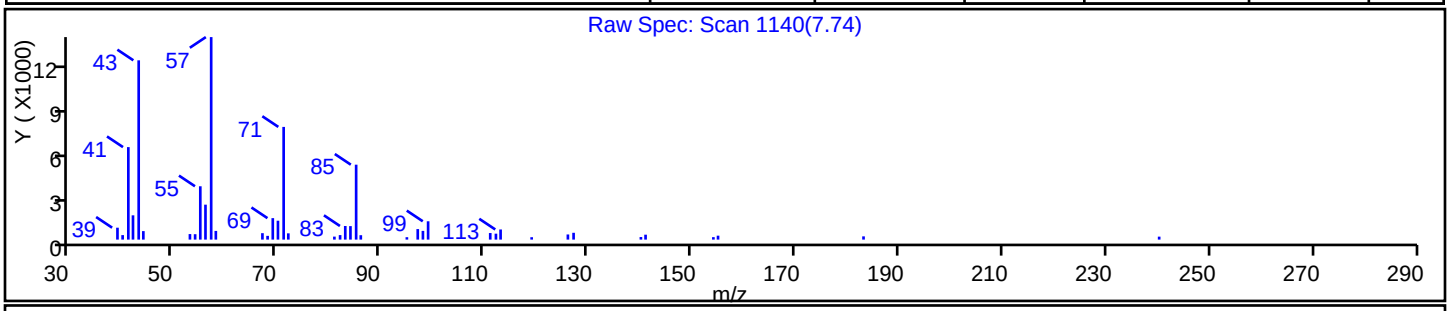
Operator ID: BNA 12 ALS Bottle#: 13 Worklist Smp#: 13

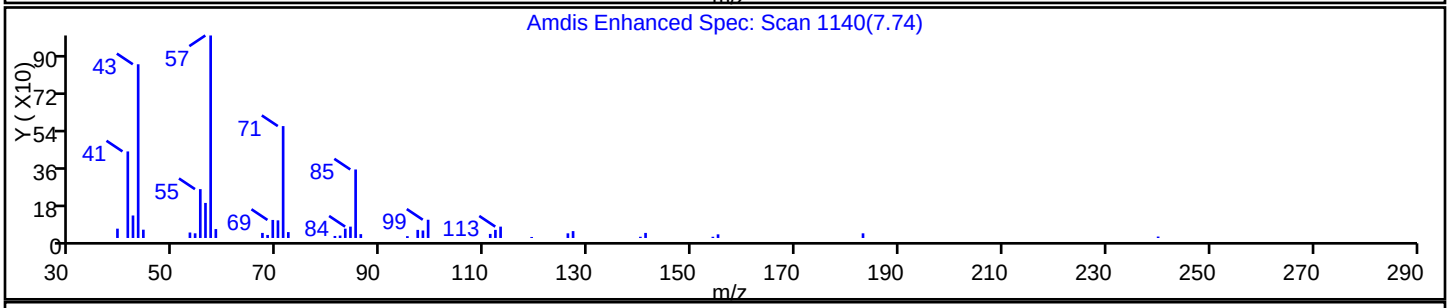
Injection Vol: 1.0 ul Dil. Factor: 1.0000

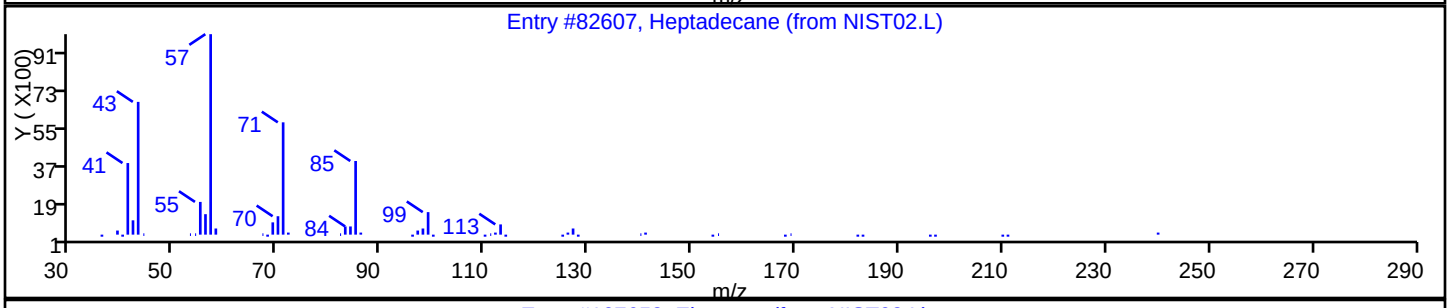
Method: 8270_12R Limit Group: SV 8270 ICAL

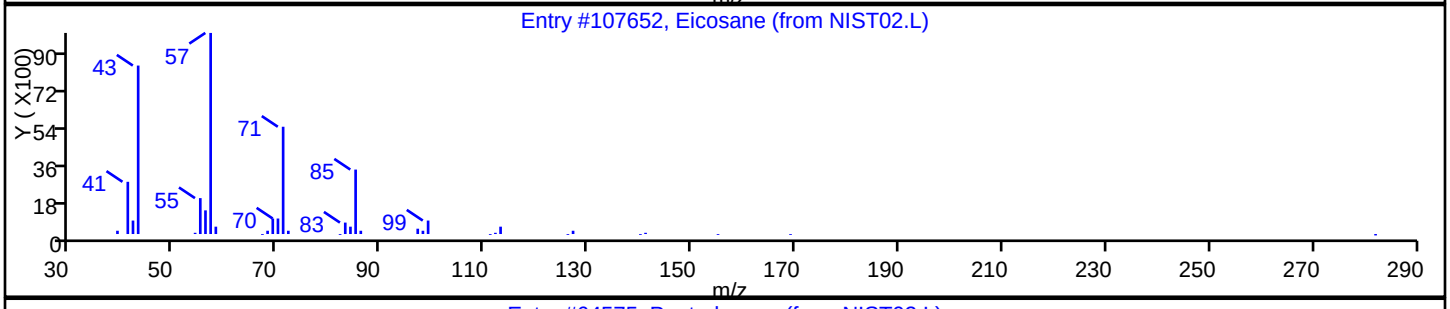
Column: Detector MS SCAN

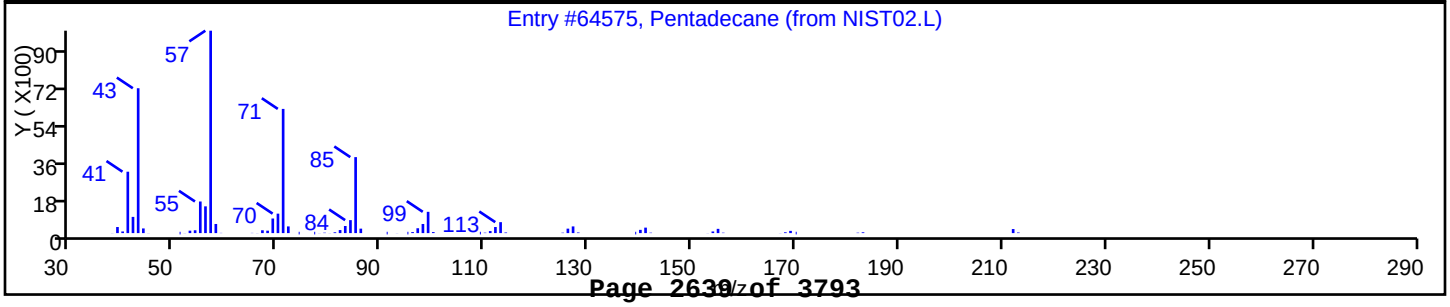
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptadecane	629-78-7	NIST02.L	82607	C17H36	240	95
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91
Pentadecane	629-62-9	NIST02.L	64575	C15H32	212	90











Report Date: 14-Mar-2014 10:01:25 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147870.D

Injection Date: 11-Mar-2014 20:55:30 Instrument ID: CBNAMS12

Lims ID: 460-72174-F-38-C Lab Sample ID: 460-72174-38

Client ID: PMP-10SW-SI

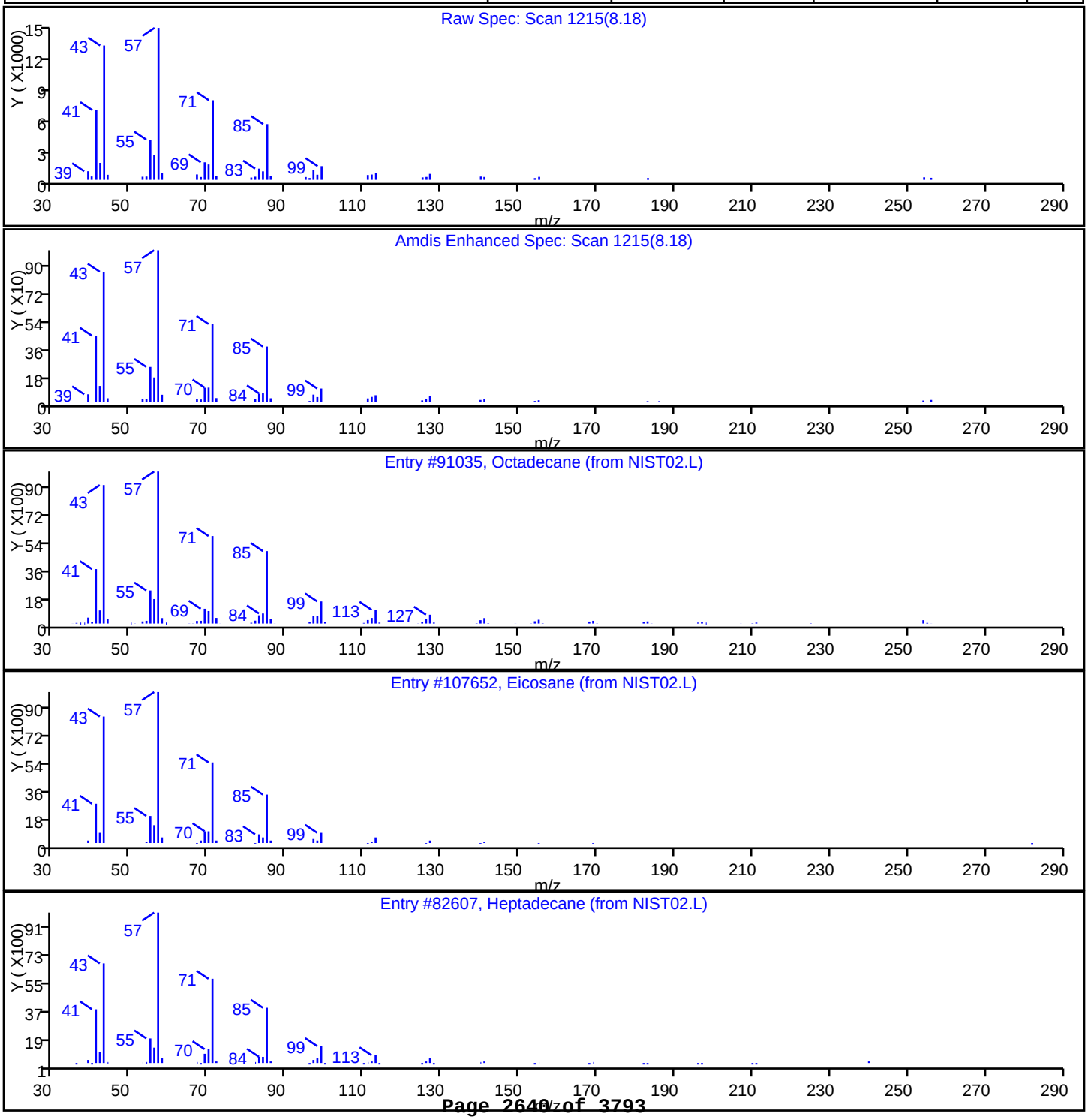
Operator ID: BNA 12 ALS Bottle#: 13 Worklist Smp#: 13

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octadecane	593-45-3	NIST02.L	91035	C18H38	254	94
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91
Heptadecane	629-78-7	NIST02.L	82607	C17H36	240	91



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210410

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/04/2014 01:38 Calibration End Date: 03/04/2014 04:27 Calibration ID: 35869

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-210410/9	z8445.D
Level 2	STD1 460-210410/8	z8444.D
Level 3	STD5 460-210410/7	z8443.D
Level 4	STD10 460-210410/6	z8442.D
Level 5	STD20 460-210410/5	z8441.D
Level 6	ICIS 460-210410/2	z8438.D
Level 7	STD80 460-210410/4	z8440.D
Level 8	STD120 460-210410/3	z8439.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.5281	0.5668	0.4705 0.6296	0.5287	0.5010	Ave		0.5374				10.0		15.0			
N-Nitrosodimethylamine	0.7579	0.8296	0.6823 0.9135	0.7352	0.7277	Ave		0.7743				11.0		15.0			
Pyridine	1.3053	1.4014	1.1904 1.4676	1.2545	1.2312	Ave		1.3084				8.1		15.0			
Aniline	1.6506	1.7583	1.5593 1.7327	1.6718	1.6497	Ave		1.6704				4.2		15.0			
Phenol	1.6144	1.7952	1.3959 1.8392	1.4643	1.4836	Ave		1.5988				12.0		15.0			
Bis(2-chloroethyl)ether	0.9585 1.2882	1.0119 1.4563	1.1564 +++++	1.2255	1.2089	Ave		1.1865				14.0		15.0			
2-Chlorophenol	1.2467	1.2818	1.1526 1.3255	1.2285	1.2260	Ave		1.2435				4.7		15.0			
Decane	1.1848	1.2989	1.0667 1.4148	1.1546	1.1175	Ave		1.2062				11.0		15.0			
1,3-Dichlorobenzene	1.4475	1.5539	1.2960 1.6448	1.4480	1.3715	Ave		1.4603				8.6		15.0			
1,4-Dichlorobenzene	1.5182	1.6386	1.3559 1.7420	1.4689	1.4224	Ave		1.5243				9.4		15.0			
1,2-Dichlorobenzene	1.4486	1.5376	1.2547 1.5939	1.3443	1.3370	Ave		1.4194				9.2		15.0			
Benzyl alcohol	0.7149	0.7179	0.5801 0.7324	0.6828	0.6445	Ave		0.6788				8.5		15.0			
2,2'-oxybis[1-chloropropane]	1.1152	1.1888	1.1032 1.2068	1.1678	1.1132	Ave		1.1492				3.9		15.0			
2-Methylphenol	0.9685	0.9938	0.9773 1.0028	1.0225	0.9943	Ave		0.9932				1.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210410

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/04/2014 01:38 Calibration End Date: 03/04/2014 04:27 Calibration ID: 35869

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Acetophenone	1.4800	1.5504	1.3667 1.5808	1.4880	1.4745	Ave		1.4901				5.0		15.0			
N-Nitrosodi-n-propylamine	0.5654 0.7238	0.6794 0.7566	0.7377 0.7602	0.7512	0.7439	Ave		0.7148			0.0500	9.2		15.0			
3 & 4 Methylphenol	0.9681	1.1047	0.9572 1.2046	0.9958	0.9657	Ave		1.0327				9.7		15.0			
4-Methylphenol	0.9636	1.1011	0.9543 1.2048	0.9958	0.9621	Ave		1.0303				9.9		15.0			
Hexachloroethane	0.4592 0.5491	0.4882 0.6183	0.5000 0.6849	0.5304	0.5283	Ave		0.5448				14.0		15.0			
Nitrobenzene	0.3671 0.5514	0.3955 0.5840	0.4700 0.6280	0.5095	0.5132	Lin2	-0.105	0.5468							0.9910		0.9900
n,n'-Dimethylaniline	1.5531 1.9456	1.5354 2.0175	1.6385 2.1805	1.7098	1.8393	Ave		1.8025				13.0		15.0			
Isophorone	0.5042	0.5066	0.5014 0.5178	0.5195	0.5062	Ave		0.5093				1.5		15.0			
2-Nitrophenol	0.1704	0.1818	0.1517 0.1874	0.1623	0.1647	Ave		0.1697				7.8		15.0			
2,4-Dimethylphenol	0.2672	0.2800	0.2364 0.2912	0.2584	0.2527	Ave		0.2643				7.4		15.0			
Bis(2-chloroethoxy)methane	0.3284	0.3504	0.2971 0.3618	0.3262	0.3182	Ave		0.3304				7.0		15.0			
2,4-Dichlorophenol	0.2573	0.2693	0.2258 0.2835	0.2496	0.2474	Ave		0.2555				7.8		15.0			
1,2,4-Trichlorobenzene	0.2477 0.3318	0.3023 0.3454	0.2905 0.3668	0.3183	0.3033	Ave		0.3133				12.0		15.0			
Naphthalene	0.9858	1.0651	0.8724 1.1284	0.9216	0.9167	Ave		0.9817				10.0		15.0			
4-Chloroaniline	0.3157	0.3497	0.2958 0.3604	0.3198	0.3119	Ave		0.3256				7.5		15.0			
Hexachlorobutadiene	0.2066	0.2144	0.1660 0.1812 0.2296	0.1885	0.1862	Ave		0.1961				11.0		15.0			
Caprolactam	0.0480	0.0383	0.0438 0.0544	0.0396	0.0477	Ave		0.0453				13.0		15.0			
4-Chloro-3-methylphenol	0.2114	0.2116	0.1887 0.2195	0.2022	0.2014	Ave		0.2058				5.2		15.0			
2-Methylnaphthalene	0.6226	0.6618	0.5705 0.6983	0.5956	0.5912	Ave		0.6233				7.8		15.0			
1-Methylnaphthalene	0.5617	0.5839	0.5160 0.6162	0.5342	0.5350	Ave		0.5578				6.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210410

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/04/2014 01:38 Calibration End Date: 03/04/2014 04:27 Calibration ID: 35869

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Hexachlorocyclopentadiene	0.4511	0.4860	0.2482 0.5198	0.3099	0.3491	Lin1	-1.817	0.5124			0.0500				0.9950		0.9900
1,2,4,5-Tetrachlorobenzene	0.7064	0.7489	0.5791 0.7708	0.6365	0.6389	Ave		0.6801				11.0		15.0			
2-tertbutyl-4-methylphenol	0.3968	0.3935	0.3632 0.4446	0.3442	0.3787	Ave		0.3868				8.9		15.0			
2,4,6-Trichlorophenol	0.3697	0.3785	0.3274 0.3898	0.3586	0.3464	Ave		0.3617				6.2		15.0			
2,4,5-Trichlorophenol	0.3671	0.3732	0.3081 0.4004	0.3513	0.3255	Ave		0.3543				9.5		15.0			
Diphenyl	1.6690	1.8362	1.4323 1.9077	1.5413	1.5104	Ave		1.6495				12.0		15.0			
2-Chloronaphthalene	1.2395	1.3160	1.0656 1.3529	1.1867	1.1512	Ave		1.2186				8.8		15.0			
Diphenyl ether	0.8474	0.8730	0.7536 0.9731	0.7695	0.8109	Ave		0.8379				9.6		15.0			
2-Nitroaniline	0.2771	0.2837	0.2610 0.2900	0.2720	0.2722	Ave		0.2760				3.7		15.0			
Dimethylnaphthalene, total	0.9989	1.0152	0.8945 1.1282	0.8910	0.9582	Ave		0.9810				9.0		15.0			
Dimethyl phthalate	1.0140	1.0424	0.9168 1.0853	0.9699	0.9463	Ave		0.9958				6.3		15.0			
Coumarin	0.1299	0.1272	0.1088 0.1434	0.1072	0.1202	Ave		0.1228				11.0		15.0			
2,6-Dinitrotoluene	0.2284	0.1595 0.2278	0.2084 0.2318	0.2220	0.2152	Ave		0.2133				12.0		15.0			
Acenaphthylene	1.6493	1.6899	1.5050 1.7668	1.6128	1.5541	Ave		1.6296				5.8		15.0			
3-Nitroaniline	0.2110	0.2313	0.1830 0.2381	0.2093	0.2045	Ave		0.2129				9.3		15.0			
Acenaphthene	1.0776	1.1639	0.9413 1.2339	1.0020	0.9961	Ave		1.0691				10.0		15.0			
3,5-di-tert-butyl-4-hydroxytol	1.1736	1.1860	0.9067 1.3488	0.9515	1.0621	Ave		1.1048				15.0		15.0			
2,4-Dinitrophenol	0.1025	0.1251	0.0322 0.1358	0.0632	0.0803	Qua	-0.869	0.0995	0.0002		0.0500				0.9990		0.9900
Dibenzofuran	1.4858	1.5557	1.2935 1.6177	1.3960	1.3668	Ave		1.4526				8.4		15.0			
2,4-Dinitrotoluene	0.2769	0.1452 0.2873	0.2057 0.3022	0.2355	0.2466	Lin2	-0.134	0.2693							0.9900		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210410

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/04/2014 01:38 Calibration End Date: 03/04/2014 04:27 Calibration ID: 35869

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
4-Nitrophenol	0.1441	0.1520	0.0698 0.1646	0.0914	0.1108	Lin1	-1.241	0.1625			0.0500				0.9960		0.9900
2,3,4,6-Tetrachlorophenol	0.2658	0.2646	0.1981 0.2782	0.2323	0.2261	Ave		0.2442				12.0		15.0			
Diethyl phthalate	0.9189	0.9408	0.8106 0.9996	0.8635	0.8527	Ave		0.8977				7.6		15.0			
Fluorene	1.1400	1.2071	0.9799 1.2796	1.0282	1.0452	Ave		1.1133				10.0		15.0			
4-Chlorophenyl phenyl ether	0.5812	0.6073	0.5070 0.6505	0.5470	0.5287	Ave		0.5703				9.3		15.0			
4-Nitroaniline	0.1507	0.1641	0.1040 0.1723	0.1263	0.1279	Lin2	-0.316	0.1614							0.9930		0.9900
4,6-Dinitro-2-methylphenol	0.1227	0.1393	0.0626 0.1481	0.0960	0.1059	Lin2	-0.803	0.1386							0.9930		0.9900
N-Nitrosodiphenylamine	0.5923	0.5985	0.5279 0.6551	0.5450	0.5892	Ave		0.5847				7.7		15.0			
1,2-Diphenylhydrazine	0.9438	1.0027	0.8855 1.0343	0.9583	0.9412	Ave		0.9610				5.4		15.0			
4-Bromophenyl phenyl ether	0.2770	0.2945	0.2518 0.2978	0.2733	0.2606	Ave		0.2758				6.6		15.0			
Hexachlorobenzene	0.2094 0.2748	0.2335 0.2834	0.2400 0.2972	0.2577	0.2661	Ave		0.2578				11.0		15.0			
Atrazine	0.1835	0.1864	0.1574 0.2029	0.1703	0.1803	Ave		0.1801				8.5		15.0			
Pentachloronitrobenzene	0.1096	0.1097	0.0853 0.1239	0.0930	0.1016	Ave		0.1038				13.0		15.0			
Pentachlorophenol	0.1412	0.1557	0.0753 0.1687	0.1031	0.1161	Lin2	-0.879	0.1553							0.9900		0.9900
n-Octadecane	0.5684	0.6208	0.4633 0.6606	0.5361	0.5465	Ave		0.5659				12.0		15.0			
Phenanthrene	1.0680	1.1139	0.9889 1.1636	1.0752	1.0189	Ave		1.0714				5.9		15.0			
Anthracene	1.0986	1.1236	0.9472 1.1768	1.0352	1.0300	Ave		1.0686				7.6		15.0			
Carbazole	0.7615	0.7936	0.6506 0.8453	0.7120	0.7189	Ave		0.7470				9.1		15.0			
Di-n-butyl phthalate	0.9733	1.0113	0.7793 1.0979	0.8538	0.8677	Ave		0.9306				13.0		15.0			
Fluoranthene	0.8711	0.9234	0.7228 0.9703	0.7974	0.7897	Ave		0.8458				11.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210410

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/04/2014 01:38 Calibration End Date: 03/04/2014 04:27 Calibration ID: 35869

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Benzidine	0.1602	0.2160	0.1434 0.2178	0.1843	0.2018	QuaF		0.1649	0.0005						0.9930		0.9900
Pyrene	1.4519	1.4574	1.4457 1.4393	1.4575	1.4545	Ave		1.4510				0.5		15.0			
Butyl benzyl phthalate	0.4891	0.5072	0.4051 0.5118	0.4694	0.4782	Ave		0.4768				8.1		15.0			
2,3,7,8-TCDD (Screen)	0.1060					Ave		0.1060						15.0			
Carbamazepine	0.2992	0.3422	0.1724 0.3755	0.2134	0.2807	Lin1	-1.277	0.3638							0.9930		0.9900
3,3'-Dichlorobenzidine	0.3383	0.3625	0.2378 0.3904	0.3116	0.3337	Lin2	-0.674	0.3729							0.9980		0.9900
Benzo[a]anthracene	1.0655 1.0391	1.0066 1.0634	0.9397 1.1093	1.0487	1.0139	Ave		1.0358				4.9		15.0			
Chrysene	0.9314	0.9506	0.8829 0.9497	0.9428	0.9262	Ave		0.9306				2.7		15.0			
Bis(2-ethylhexyl) phthalate	0.6206	0.6570	0.5237 0.6904	0.5964	0.5939	Ave		0.6137				9.4		15.0			
Di-n-octyl phthalate	1.3590	1.4468	0.9818 1.4799	1.1780	1.2157	Ave		1.2769				15.0		15.0			
Benzo[b]fluoranthene	0.7993 1.1938	0.9978 1.2143	1.0340 1.3230	1.1923	1.1712	Ave		1.1157				15.0		15.0			
Benzo[k]fluoranthene	1.1112 1.1921	1.1407 1.3049	1.0725 1.2235	1.2306	1.1711	Ave		1.1808				6.2		15.0			
Benzo[a]pyrene	0.6832 1.0744	0.7370 1.1266	0.8949 1.1326	1.0526	1.0491	Lin2	-0.221	1.0626							0.9940		0.9900
Indeno[1,2,3-cd]pyrene	0.4757 0.9287	0.6654 1.0067	0.7829 1.0610	0.8670	0.8886	Lin2	-0.245	0.9382							0.9930		0.9900
Dibenz(a,h)anthracene	0.5669 0.9598	0.6486 1.0128	0.8169 1.0325	0.9632	0.9297	Lin2	-0.224	0.9611							0.9940		0.9900
Benzo[g,h,i]perylene	0.9606	1.0070	0.8551 1.0381	0.9293	0.9262	Ave		0.9527				6.8		15.0			
2-Fluorophenol	1.3682	1.4185	1.1043 1.4124	1.1807	1.2003	Ave		1.2807				11.0		15.0			
Phenol-d5	1.4649	1.6060	1.3559 1.6380	1.3576	1.3672	Ave		1.4649				8.8		15.0			
Nitrobenzene-d5	0.2916 0.3642	0.3019 0.3898	0.3506 0.3971	0.3592	0.3549	Ave		0.3512				11.0		15.0			
2-Fluorobiphenyl	1.2830 1.5492	1.2769 1.6390	1.3170 1.6392	1.3750	1.3956	Ave		1.4344				11.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210410

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/04/2014 01:38 Calibration End Date: 03/04/2014 04:27 Calibration ID: 35869

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2,4,6-Tribromophenol	0.1396	0.1450	0.1050 0.1469	0.1232	0.1264	Ave		0.1310				12.0		15.0			
Terphenyl-d14	0.9913 1.0890	0.8845 1.1093	1.0167 1.0636	1.0388	1.0474	Ave		1.0301				6.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI

GC/MS SEMI VOA INITIAL CALIBRATION DATA

INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210410

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/04/2014 01:38 Calibration End Date: 03/04/2014 04:27 Calibration ID: 35869

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-210410/9	z8445.D
Level 2	STD1 460-210410/8	z8444.D
Level 3	STD5 460-210410/7	z8443.D
Level 4	STD10 460-210410/6	z8442.D
Level 5	STD20 460-210410/5	z8441.D
Level 6	ICIS 460-210410/2	z8438.D
Level 7	STD80 460-210410/4	z8440.D
Level 8	STD120 460-210410/3	z8439.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	207030	361083	21184 505979	47157	83030	50.0	80.0	5.00 120	10.0	20.0
N-Nitrosodimethylamine	DCB	Ave	297086	528543	30720 734132	65579	120586	50.0	80.0	5.00 120	10.0	20.0
Pyridine	DCB	Ave	511694	892820	53600 1179452	111896	204032	50.0	80.0	5.00 120	10.0	20.0
Aniline	DCB	Ave	647031	1120223	70211 1392536	149125	273381	50.0	80.0	5.00 120	10.0	20.0
Phenol	DCB	Ave	632855	1143720	62854 1478100	130617	245851	50.0	80.0	5.00 120	10.0	20.0
Bis(2-chloroethyl)ether	DCB	Ave	4206 504973	9390 927800	52066 +++++	109317	200328	0.500 50.0	1.00 80.0	5.00 +++++	10.0	20.0
2-Chlorophenol	DCB	Ave	488696	816641	51896 1065270	109578	203167	50.0	80.0	5.00 120	10.0	20.0
Decane	DCB	Ave	464436	827526	48029 1137009	102993	185189	50.0	80.0	5.00 120	10.0	20.0
1,3-Dichlorobenzene	DCB	Ave	567437	990009	58354 1321851	129157	227278	50.0	80.0	5.00 120	10.0	20.0
1,4-Dichlorobenzene	DCB	Ave	595153	1043986	61049 1399986	131025	235711	50.0	80.0	5.00 120	10.0	20.0
1,2-Dichlorobenzene	DCB	Ave	567870	979603	56493 1281008	119914	221568	50.0	80.0	5.00 120	10.0	20.0
Benzyl alcohol	DCB	Ave	280235	457351	26120 588571	60907	106810	50.0	80.0	5.00 120	10.0	20.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	437150	757371	49675 969897	104168	184475	50.0	80.0	5.00 120	10.0	20.0
2-Methylphenol	DCB	Ave	379658	633171	44003 805918	91205	164774	50.0	80.0	5.00 120	10.0	20.0
Acetophenone	DCB	Ave	580147	987796	61538 1270445	132727	244348	50.0	80.0	5.00 120	10.0	20.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210410

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/04/2014 01:38 Calibration End Date: 03/04/2014 04:27 Calibration ID: 35869

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
N-Nitrosodi-n-propylamine	DCB	Ave	2481 283716	6305 482063	33215 610981	67004	123285	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
3 & 4 Methylphenol	DCB	Ave	 379488	 703784	43101 968114	88824	160036	 50.0	 80.0	5.00 120	10.0	20.0
4-Methylphenol	DCB	Ave	 377719	 701496	42969 968275	88824	159437	 50.0	 80.0	5.00 120	10.0	20.0
Hexachloroethane	DCB	Ave	2015 215230	4530 393911	22514 550445	47315	87547	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Nitrobenzene	NPT	Lin2	5932 695020	13107 1180882	73820 1554781	154759	286159	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
n,n'-Dimethylaniline	DCB	Ave	6815 762659	14248 1285361	73777 1752411	152515	304809	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Isophorone	NPT	Ave	 635492	 1024518	78764 1282017	157795	282295	 50.0	 80.0	5.00 120	10.0	20.0
2-Nitrophenol	NPT	Ave	 214799	 367738	23826 463859	49287	91818	 50.0	 80.0	5.00 120	10.0	20.0
2,4-Dimethylphenol	NPT	Ave	 336739	 566246	37135 721015	78494	140896	 50.0	 80.0	5.00 120	10.0	20.0
Bis(2-chloroethoxy)methane	NPT	Ave	 413947	 708607	46673 895845	99072	177458	 50.0	 80.0	5.00 120	10.0	20.0
2,4-Dichlorophenol	NPT	Ave	 324303	 544525	35460 701914	75813	137971	 50.0	 80.0	5.00 120	10.0	20.0
1,2,4-Trichlorobenzene	NPT	Ave	4002 418266	10019 698491	45633 908262	96684	169134	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Naphthalene	NPT	Ave	 1242542	 2153958	137023 2793695	279945	511209	 50.0	 80.0	5.00 120	10.0	20.0
4-Chloroaniline	NPT	Ave	 397930	 707127	46462 892201	97144	173953	 50.0	 80.0	5.00 120	10.0	20.0
Hexachlorobutadiene	NPT	Ave	 260354	5501 433598	28459 568451	57256	103829	 50.0	1.00 80.0	5.00 120	10.0	20.0
Caprolactam	NPT	Ave	 60467	 77499	6877 134589	12023	26624	 50.0	 80.0	5.00 120	10.0	20.0
4-Chloro-3-methylphenol	NPT	Ave	 266418	 427973	29639 543415	61424	112301	 50.0	 80.0	5.00 120	10.0	20.0
2-Methylnaphthalene	NPT	Ave	 784678	 1338266	89603 1728972	180926	329653	 50.0	 80.0	5.00 120	10.0	20.0
1-Methylnaphthalene	NPT	Ave	 707936	 1180711	81043 1525763	162259	298352	 50.0	 80.0	5.00 120	10.0	20.0
Hexachlorocyclopentadiene	ANT	Lin1	 241548	 409539	17273 545345	40258	83957	 50.0	 80.0	5.00 120	10.0	20.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	 378248	 631065	40306 808714	82687	153654	 50.0	 80.0	5.00 120	10.0	20.0

FORM VI

GC/MS SEMI VOA INITIAL CALIBRATION DATA

INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210410

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/04/2014 01:38 Calibration End Date: 03/04/2014 04:27 Calibration ID: 35869

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-tertbutyl-4-methylphenol	NPT	Ave	500136	795804	57052 1100670	104559	211186	50.0	80.0	5.00 120	10.0	20.0
2,4,6-Trichlorophenol	ANT	Ave	197957	318916	22788 409036	46585	83315	50.0	80.0	5.00 120	10.0	20.0
2,4,5-Trichlorophenol	ANT	Ave	196551	314484	21447 420098	45640	78279	50.0	80.0	5.00 120	10.0	20.0
Diphenyl	ANT	Ave	893737	1547381	99693 2001593	200213	363236	50.0	80.0	5.00 120	10.0	20.0
2-Chloronaphthalene	ANT	Ave	663719	1108957	74168 1419473	154149	276866	50.0	80.0	5.00 120	10.0	20.0
Diphenyl ether	ANT	Ave	453746	735663	52454 1021035	99954	195010	50.0	80.0	5.00 120	10.0	20.0
2-Nitroaniline	ANT	Ave	148389	239037	18167 304286	35327	65450	50.0	80.0	5.00 120	10.0	20.0
Dimethylnaphthalene, total	ANT	Ave	534904	855462	62263 1183762	115740	230444	50.0	80.0	5.00 120	10.0	20.0
Dimethyl phthalate	ANT	Ave	542999	878404	63813 1138720	125989	227583	50.0	80.0	5.00 120	10.0	20.0
Coumarin	NPT	Ave	163767	257317	17086 355019	32554	67007	50.0	80.0	5.00 120	10.0	20.0
2,6-Dinitrotoluene	ANT	Ave	122328	2380 191943	14504 243219	28832	51749	50.0	1.00 80.0	5.00 120	10.0	20.0
Acenaphthylene	ANT	Ave	883197	1424085	104752 1853754	209496	373747	50.0	80.0	5.00 120	10.0	20.0
3-Nitroaniline	ANT	Ave	113008	194901	12739 249787	27185	49177	50.0	80.0	5.00 120	10.0	20.0
Acenaphthene	ANT	Ave	577018	980789	65515 1294704	130156	239551	50.0	80.0	5.00 120	10.0	20.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	628458	999423	63110 1415210	123602	255428	50.0	80.0	5.00 120	10.0	20.0
2,4-Dinitrophenol	ANT	Qua	109791	210774	4488 284956	16407	38627	100	160	10.0 240	20.0	40.0
Dibenzofuran	ANT	Ave	795635	1310955	90034 1697362	181340	328699	50.0	80.0	5.00 120	10.0	20.0
2,4-Dinitrotoluene	ANT	Lin2	148270	2167 242127	14319 317096	30590	59308	50.0	1.00 80.0	5.00 120	10.0	20.0
4-Nitrophenol	ANT	Lin1	154365	256223	9711 345378	23735	53276	100	160	10.0 240	20.0	40.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	142352	222989	13786 291873	30172	54382	50.0	80.0	5.00 120	10.0	20.0
Diethyl phthalate	ANT	Ave	492075	792768	56419 1048817	112169	205078	50.0	80.0	5.00 120	10.0	20.0

FORM VI

GC/MS SEMI VOA INITIAL CALIBRATION DATA

INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210410

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/04/2014 01:38 Calibration End Date: 03/04/2014 04:27 Calibration ID: 35869

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Fluorene	ANT	Ave	610450	1017174	68208 1342656	133567	251368	50.0	80.0	5.00 120	10.0	20.0
4-Chlorophenyl phenyl ether	ANT	Ave	311240	511742	35292 682521	71051	127145	50.0	80.0	5.00 120	10.0	20.0
4-Nitroaniline	ANT	Lin2	80702	138280	7240 180737	16402	30748	50.0	80.0	5.00 120	10.0	20.0
4,6-Dinitro-2-methylphenol	PHN	Lin2	146950	255557	9622 336725	26249	54167	100	160	10.0 240	20.0	40.0
N-Nitrosodiphenylamine	PHN	Ave	354545	548917	40581 744873	74519	150692	50.0	80.0	5.00 120	10.0	20.0
1,2-Diphenylhydrazine	PHN	Ave	565001	919637	68076 1175937	131029	240722	50.0	80.0	5.00 120	10.0	20.0
4-Bromophenyl phenyl ether	PHN	Ave	165839	270069	19360 338637	37370	66644	50.0	80.0	5.00 120	10.0	20.0
Hexachlorobenzene	PHN	Ave	1880 164524	3921 259956	18451 337900	35235	68053	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Atrazine	PHN	Ave	109864	170962	12103 230664	23291	46103	50.0	80.0	5.00 120	10.0	20.0
Pentachloronitrobenzene	PHN	Ave	65579	100621	6555 140856	12709	25984	50.0	80.0	5.00 120	10.0	20.0
Pentachlorophenol	PHN	Lin2	169075	285620	11573 383496	28191	59373	100	160	10.0 240	20.0	40.0
n-Octadecane	PHN	Ave	340247	569398	35616 751119	73301	139757	50.0	80.0	5.00 120	10.0	20.0
Phenanthrene	PHN	Ave	639332	1021648	76021 1322982	147012	260585	50.0	80.0	5.00 120	10.0	20.0
Anthracene	PHN	Ave	657639	1030524	72815 1337931	141543	263420	50.0	80.0	5.00 120	10.0	20.0
Carbazole	PHN	Ave	455817	727833	50016 961099	97355	183849	50.0	80.0	5.00 120	10.0	20.0
Di-n-butyl phthalate	PHN	Ave	582632	927531	59907 1248313	116740	221916	50.0	80.0	5.00 120	10.0	20.0
Fluoranthene	PHN	Ave	521462	846963	55569 1103221	109025	201960	50.0	80.0	5.00 120	10.0	20.0
Benzidine	PHN	QuaF	95889	198087	11021 247586	25205	51621	50.0	80.0	5.00 120	10.0	20.0
Pyrene	CRY	Ave	495660	789537	53279 1041030	101336	193043	50.0	80.0	5.00 120	10.0	20.0
Butyl benzyl phthalate	CRY	Ave	166971	274767	14930 370186	32635	63472	50.0	80.0	5.00 120	10.0	20.0
2,3,7,8-TCDD (Screen)	CRY	Ave	362					0.500				

FORM VI

GC/MS SEMI VOA INITIAL CALIBRATION DATA

INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210410

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/04/2014 01:38 Calibration End Date: 03/04/2014 04:27 Calibration ID: 35869

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Carbamazepine	CRY	Lin1	102134	185382	6353 271630	14837	37256	50.0	80.0	5.00 120	10.0	20.0
3,3'-Dichlorobenzidine	CRY	Lin2	115488	196395	8764 282357	21665	44286	50.0	80.0	5.00 120	10.0	20.0
Benzo[a]anthracene	CRY	Ave	4090 354758	7758 576115	34630 802368	72910	134572	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Chrysene	CRY	Ave	317990	515009	32540 686911	65553	122934	50.0	80.0	5.00 120	10.0	20.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	211880	355916	19301 499390	41465	78819	50.0	80.0	5.00 120	10.0	20.0
Di-n-octyl phthalate	PRY	Ave	331390	553234	25324 773105	58854	117025	50.0	80.0	5.00 120	10.0	20.0
Benzo[b]fluoranthene	PRY	Ave	2060 291102	5295 464333	26670 691114	59568	112737	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Benzo[k]fluoranthene	PRY	Ave	2864 290687	6053 498982	27664 639160	61479	112732	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Benzo[a]pyrene	PRY	Lin2	1761 261987	3911 430788	23082 591654	52588	100987	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Indeno[1,2,3-cd]pyrene	PRY	Lin2	1226 226461	3531 384924	20192 554271	43315	85536	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Dibenz(a,h)anthracene	PRY	Lin2	1461 234046	3442 387267	21070 539354	48120	89495	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Benzo[g,h,i]perylene	PRY	Ave	234241	385054	22056 542284	46425	89154	50.0	80.0	5.00 120	10.0	20.0
2-Fluorophenol	DCB	Ave	536334	903755	49723 1135104	105318	198908	50.0	80.0	5.00 120	10.0	20.0
Phenol-d5	DCB	Ave	574262	1023210	61049 1316427	121100	226562	50.0	80.0	5.00 120	10.0	20.0
Nitrobenzene-d5	NPT	Ave	4712 459050	10006 788211	55075 983142	109121	197882	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
2-Fluorobiphenyl	ANT	Ave	9635 829573	19054 1381131	91667 1719914	178613	335631	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
2,4,6-Tribromophenol	ANT	Ave	74760	122169	7309 154101	16005	30387	50.0	80.0	5.00 120	10.0	20.0
Terphenyl-d14	CRY	Ave	3805 371780	6817 600980	37469 769319	72226	139010	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210410

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/04/2014 01:38 Calibration End Date: 03/04/2014 04:27 Calibration ID: 35869

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210410

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/04/2014 04:50 Calibration End Date: 03/04/2014 06:43 Calibration ID: 35874

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD5 460-210410/15	z8451.D
Level 2	STD10 460-210410/14	z8450.D
Level 3	STD20 460-210410/13	z8449.D
Level 4	STD50 460-210410/10	z8446.D
Level 5	STD80 460-210410/12	z8448.D
Level 6	STD120 460-210410/11	z8447.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzaldehyde	0.8633 1.1276	0.9339	0.9911	1.0194	1.0546	Ave		0.9983				9.3		15.0			
Benzoic acid	0.0177 +++++	0.0314	0.0656	0.0937	0.1036	Lin1	-0.576	0.1064							0.9900		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210410

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/04/2014 04:50 Calibration End Date: 03/04/2014 06:43 Calibration ID: 35874

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD5 460-210410/15	z8451.D
Level 2	STD10 460-210410/14	z8450.D
Level 3	STD20 460-210410/13	z8449.D
Level 4	STD50 460-210410/10	z8446.D
Level 5	STD80 460-210410/12	z8448.D
Level 6	STD120 460-210410/11	z8447.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Benzaldehyde	DCB	Ave	40317 1303954	85673	184103	522376	639849	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	Lin1	2893 +++++	10218	43675	169744	218047	5.00 +++++	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210846

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2014 18:19 Calibration End Date: 03/05/2014 21:10 Calibration ID: 36065

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-210846/9	L1147708.D
Level 2	STD1 460-210846/8	L1147707.D
Level 3	STD5 460-210846/7	L1147706.D
Level 4	STD10 460-210846/6	L1147705.D
Level 5	STD20 460-210846/5	L1147704.D
Level 6	ICIS 460-210846/2	L1147701.D
Level 7	STD80 460-210846/4	L1147703.D
Level 8	STD120 460-210846/3	L1147702.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.4645	0.4451	0.4398 0.4805	0.4500	0.4598	Ave		0.4566				3.2		15.0			
N-Nitrosodimethylamine	0.6057	0.6126	0.5331 0.6517	0.5569	0.5785	Ave		0.5898				7.2		15.0			
Pyridine	1.0485	0.9700	0.9748 1.0537	1.0364	1.0294	Ave		1.0188				3.6		15.0			
Phenol	1.4437	1.4674	1.4033 1.4462	1.5141	1.4937	Ave		1.4614				2.7		15.0			
Aniline	1.6427	1.6646	1.5941 1.6763	1.7275	1.6717	Ave		1.6628				2.6		15.0			
Bis(2-chloroethyl)ether	0.9183 1.0533	1.0537 1.0910	1.0880 1.1005	1.1158	1.0642	Ave		1.0606				5.8		15.0			
2-Chlorophenol	1.2565	1.2727	1.2178 1.2720	1.3157	1.2757	Ave		1.2684				2.5		15.0			
Decane	1.9304	1.9405	1.7957 2.0207	1.9493	1.8573	Ave		1.9157				4.1		15.0			
1,3-Dichlorobenzene	1.4874	1.4901	1.4621 1.5194	1.5568	1.4667	Ave		1.4971				2.4		15.0			
1,4-Dichlorobenzene	1.5092	1.5021	1.4715 1.5337	1.5802	1.5006	Ave		1.5162				2.4		15.0			
Benzyl alcohol	0.6966	0.7281	0.6318 0.7097	0.7126	0.6875	Ave		0.6944				4.9		15.0			
1,2-Dichlorobenzene	1.4122	1.4075	1.3805 1.4246	1.4409	1.3978	Ave		1.4106				1.5		15.0			
2-Methylphenol	0.9937	1.0210	0.9917 0.9882	1.0574	1.0111	Ave		1.0105				2.6		15.0			
2,2'-oxybis[1-chloropropane]	2.1532	2.2334	2.1067 2.2264	2.2175	2.1685	Ave		2.1843				2.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210846

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2014 18:19 Calibration End Date: 03/05/2014 21:10 Calibration ID: 36065

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Acetophenone	1.4781	1.5462	1.4632 1.4832	1.5468	1.5213	Ave		1.5065				2.4		15.0			
N-Nitrosodi-n-propylamine	0.4689 0.7236	0.6792 0.7826	0.7295 0.7008	0.7485	0.7337	Lin2	-0.126	0.7492			0.0500				0.9970		0.9900
3 & 4 Methylphenol	0.9916	1.0429	0.9622 1.0055	1.0447	1.0115	Ave		1.0097				3.1		15.0			
4-Methylphenol	0.9916	1.0311	0.9622 0.9957	1.0165	0.9916	Ave		0.9981				2.4		15.0			
Hexachloroethane	0.4802 0.5906	0.5673 0.5973	0.5528 0.5993	0.5971	0.5670	Ave		0.5690				7.0		15.0			
n,n'-Dimethylaniline	1.7187 1.8061	1.6770 1.8269	1.7739 1.8820	1.7812	1.8645	Ave		1.7913				3.9		15.0			
Nitrobenzene	0.3640 0.4467	0.4170 0.4486	0.4259 0.4604	0.4500	0.4505	Ave		0.4329				7.2		15.0			
Isophorone	0.4725	0.5061	0.4765 0.4856	0.5040	0.4796	Ave		0.4874				2.9		15.0			
2-Nitrophenol	0.1789	0.1849	0.1592 0.1855	0.1771	0.1735	Ave		0.1765				5.5		15.0			
2,4-Dimethylphenol	0.2644	0.2724	0.2578 0.2703	0.2781	0.2672	Ave		0.2684				2.6		15.0			
Bis(2-chloroethoxy)methane	0.3249	0.3377	0.3157 0.3319	0.3369	0.3176	Ave		0.3275				2.9		15.0			
2,4-Dichlorophenol	0.2544	0.2643	0.2272 0.2590	0.2622	0.2527	Ave		0.2533				5.3		15.0			
1,2,4-Trichlorobenzene	0.2773 0.3190	0.3193 0.3202	0.3093 0.3197	0.3328	0.3235	Ave		0.3151				5.3		15.0			
Naphthalene	0.9208	0.9401	0.9248 0.9284	0.9835	0.9373	Ave		0.9391				2.4		15.0			
4-Chloroaniline	0.3492	0.3683	0.3501 0.3602	0.3817	0.3620	Ave		0.3619				3.4		15.0			
Hexachlorobutadiene	0.1916	0.1858 0.1944	0.1908 0.1949	0.1986	0.1942	Ave		0.1929				2.1		15.0			
Caprolactam	0.0556	0.0630	0.0353 0.0630	0.0453	0.0532	Lin2	-0.140	0.0617							0.9970		0.9900
4-Chloro-3-methylphenol	0.2124	0.2364	0.1936 0.2221	0.2243	0.2136	Ave		0.2171				6.6		15.0			
2-Methylnaphthalene	0.5969	0.6218	0.6057 0.6019	0.6306	0.6062	Ave		0.6105				2.1		15.0			
1-Methylnaphthalene	0.5514	0.5796	0.5553 0.5576	0.5852	0.5524	Ave		0.5636				2.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210846

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2014 18:19 Calibration End Date: 03/05/2014 21:10 Calibration ID: 36065

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Hexachlorocyclopentadiene	0.2162	0.2445	0.0501 0.2697	0.0878	0.1333	Qua	-1.227	0.2101	0.0006		0.0500				0.9990		0.9900
1,2,4,5-Tetrachlorobenzene	0.6086	0.5940	0.5810 0.6070	0.6180	0.6056	Ave		0.6024				2.2		15.0			
2-tertbutyl-4-methylphenol	0.3767	0.3940	0.3682 0.3909	0.3725	0.3864	Ave		0.3814				2.8		15.0			
2,4,6-Trichlorophenol	0.3649	0.3635	0.3176 0.3685	0.3511	0.3436	Ave		0.3515				5.4		15.0			
2,4,5-Trichlorophenol	0.3708	0.3745	0.3064 0.3721	0.3600	0.3517	Ave		0.3559				7.2		15.0			
Diphenyl	1.4991	1.4615	1.4244 1.4775	1.5419	1.4723	Ave		1.4795				2.7		15.0			
2-Chloronaphthalene	1.1601	1.1349	1.1270 1.1472	1.2198	1.1509	Ave		1.1567				2.9		15.0			
Diphenyl ether	0.7849	0.7316	0.7335 0.7964	0.7374	0.7760	Ave		0.7600				3.8		15.0			
2-Nitroaniline	0.3022	0.3080	0.2620 0.3069	0.2938	0.3041	Ave		0.2962				5.9		15.0			
Dimethylnaphthalene, total	0.9394	0.8849	0.8770 0.9592	0.9055	0.9488	Ave		0.9191				3.8		15.0			
Dimethyl phthalate	1.1259	1.1662	1.0769 1.1325	1.1857	1.1109	Ave		1.1330				3.4		15.0			
Coumarin	0.1680	0.1845	0.1561 0.1855	0.1602	0.1668	Ave		0.1702				7.2		15.0			
2,6-Dinitrotoluene	0.2679	0.2189 0.2751	0.2501 0.2709	0.2762	0.2602	Ave		0.2599				7.8		15.0			
Acenaphthylene	1.6932	1.6928	1.6363 1.7031	1.7667	1.7024	Ave		1.6991				2.4		15.0			
3-Nitroaniline	0.2797	0.2978	0.2413 0.2980	0.2713	0.2676	Ave		0.2759				7.7		15.0			
Acenaphthene	1.0450	1.0382	1.0107 1.0277	1.0856	1.0316	Ave		1.0398				2.4		15.0			
3,5-di-tert-butyl-4-hydroxytol	0.9566	0.9417	0.8891 0.9777	0.8975	0.9467	Ave		0.9349				3.7		15.0			
2,4-Dinitrophenol	0.0931	0.1234	0.0027 0.1350	0.0348	0.0532	Qua	-1.378	0.0936	0.0002		0.0500				0.9980		0.9900
4-Nitrophenol	0.1546	0.1553	0.0481 0.1745	0.1261	0.1317	Lin2	-1.170	0.1698			0.0500				0.9950		0.9900
Dibenzofuran	1.4666	1.4723	1.4638 1.4684	1.5533	1.4728	Ave		1.4829				2.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210846

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2014 18:19 Calibration End Date: 03/05/2014 21:10 Calibration ID: 36065

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2,4-Dinitrotoluene	0.3255	0.2574 0.3469	0.2920 0.3410	0.3233	0.3199	Ave		0.3151				9.8		15.0			
2,3,4,6-Tetrachlorophenol	0.2702	0.2965	0.1931 0.2924	0.2471	0.2486	Ave		0.2580				15.0		15.0			
Diethyl phthalate	1.1170	1.1606	1.0506 1.1373	1.1416	1.1021	Ave		1.1182				3.5		15.0			
Fluorene	1.1661	1.2072	1.1390 1.2012	1.2275	1.1792	Ave		1.1867				2.7		15.0			
4-Chlorophenyl phenyl ether	0.5665	0.5706	0.5534 0.5631	0.5926	0.5600	Ave		0.5677				2.4		15.0			
4-Nitroaniline	0.2335	0.2529	0.1659 0.2615	0.2277	0.2181	Ave		0.2266				15.0		15.0			
4,6-Dinitro-2-methylphenol	0.1049	0.1205	0.0398 0.1243	0.0766	0.0837	Lin2	-0.822	0.1184							0.9910		0.9900
N-Nitrosodiphenylamine	0.5298	0.5178	0.5204 0.5288	0.5080	0.5420	Ave		0.5245				2.2		15.0			
1,2-Diphenylhydrazine	0.7513	0.7357	0.7227 0.7402	0.7562	0.7214	Ave		0.7379				1.9		15.0			
4-Bromophenyl phenyl ether	0.2250	0.2303	0.2195 0.2263	0.2310	0.2233	Ave		0.2259				1.9		15.0			
Hexachlorobenzene	0.2525 0.2579	0.2426 0.2640	0.2730 0.2580	0.2704	0.2577	Ave		0.2595				3.7		15.0			
Atrazine	0.1740	0.1844	0.1691 0.1816	0.1855	0.1851	Ave		0.1800				3.8		15.0			
Pentachlorophenol	0.1113	0.1294	0.0594 0.1327	0.0901	0.0946	Lin2	-0.698	0.1256							0.9920		0.9900
Pentachloronitrobenzene	0.0974	0.0999	0.0871 0.1055	0.0919	0.0940	Ave		0.0960				6.7		15.0			
n-Octadecane	0.5940	0.6091	0.5500 0.5892	0.5857	0.5562	Ave		0.5807				3.9		15.0			
Phenanthrene	1.0252	1.0451	1.0442 1.0400	1.0936	1.0206	Ave		1.0448				2.5		15.0			
Anthracene	1.0442	1.0685	1.0376 1.0815	1.1154	1.0467	Ave		1.0656				2.8		15.0			
Carbazole	0.8557	0.8852	0.7991 0.8928	0.9068	0.8626	Ave		0.8670				4.4		15.0			
Di-n-butyl phthalate	1.1356	1.2183	1.0731 1.1883	1.2147	1.1141	Ave		1.1573				5.1		15.0			
Fluoranthene	0.9550	1.0176	0.9103 1.0510	1.0506	0.9726	Ave		0.9928				5.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210846

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2014 18:19 Calibration End Date: 03/05/2014 21:10 Calibration ID: 36065

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Benzidine	0.3359	0.3580	0.3308 0.4249	0.3762	0.3745	Ave		0.3667				9.3		15.0			
Pyrene	1.1287	1.1397	1.2208 1.0516	1.2179	1.1686	Ave		1.1546				5.5		15.0			
Butyl benzyl phthalate	0.5024	0.5205	0.4899 0.5042	0.5308	0.5094	Ave		0.5095				2.8		15.0			
2,3,7,8-TCDD (Screen)	0.1247					Ave		0.1247						15.0			
Carbamazepine	0.4361	0.4358	0.3206 0.4764	0.3289	0.3809	Lin2	-0.750	0.4453							0.9930		0.9900
3,3'-Dichlorobenzidine	0.3948	0.3988	0.3545 0.4234	0.3622	0.3949	Ave		0.3881				6.6		15.0			
Benzo[a]anthracene	1.2425 1.0054	1.1212 1.0334	1.0145 1.0421	1.0964	1.0266	Ave		1.0728				7.4		15.0			
Chrysene	0.9537	0.9677	0.9191 0.9486	0.9664	0.9575	Ave		0.9522				1.9		15.0			
Bis(2-ethylhexyl) phthalate	0.7112	0.7312	0.7078 0.7198	0.7519	0.7177	Ave		0.7233				2.2		15.0			
Di-n-octyl phthalate	1.1025	1.1450	1.1186 1.0895	1.2544	1.1502	Ave		1.1434				5.2		15.0			
Benzo[b]fluoranthene	0.9001 0.9478	0.9690 0.9789	0.9292 0.9927	1.0384	0.9760	Ave		0.9665				4.3		15.0			
Benzo[k]fluoranthene	0.9777 1.0472	1.0165 1.0429	1.0176 1.0481	1.0931	1.0091	Ave		1.0315				3.3		15.0			
Benzo[a]pyrene	0.8316 0.9677	0.8895 0.9830	0.9335 0.9850	0.9851	0.9473	Ave		0.9403				5.8		15.0			
Indeno[1,2,3-cd]pyrene	1.1201 1.1450	1.2197 1.1327	1.0623 1.1877	1.0614	1.0669	Ave		1.1245				5.3		15.0			
Dibenz(a,h)anthracene	0.9857 1.1343	1.0235 1.0963	1.0674 1.1091	1.0987	1.0884	Ave		1.0754				4.5		15.0			
Benzo[g,h,i]perylene	1.1767	1.1264	1.0926 1.1553	1.1346	1.1480	Ave		1.1389				2.5		15.0			
2-Fluorophenol	1.1796	1.1729	1.0345 1.1496	1.1246	1.1211	Ave		1.1304				4.7		15.0			
Phenol-d5	1.3446	1.3292	1.2998 1.3024	1.3342	1.3045	Ave		1.3191				1.5		15.0			
Nitrobenzene-d5	0.2653 0.3263	0.2690 0.3311	0.3112 0.3243	0.3244	0.3180	Ave		0.3087				8.5		15.0			
2-Fluorobiphenyl	1.2098 1.3894	1.2016 1.3375	1.3195 1.3099	1.3628	1.3121	Ave		1.3053				5.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210846

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2014 18:19 Calibration End Date: 03/05/2014 21:10 Calibration ID: 36065

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2,4,6-Tribromophenol	0.2022	0.2143	0.1639 0.2087	0.1813	0.1835	Ave		0.1923				10.0		15.0			
Terphenyl-d14	0.8549 0.8428	0.8780 0.8622	0.8889 0.7541	0.8702	0.8554	Ave		0.8508				4.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210846

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2014 18:19 Calibration End Date: 03/05/2014 21:10 Calibration ID: 36065

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-210846/9	L1147708.D
Level 2	STD1 460-210846/8	L1147707.D
Level 3	STD5 460-210846/7	L1147706.D
Level 4	STD10 460-210846/6	L1147705.D
Level 5	STD20 460-210846/5	L1147704.D
Level 6	ICIS 460-210846/2	L1147701.D
Level 7	STD80 460-210846/4	L1147703.D
Level 8	STD120 460-210846/3	L1147702.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	56437	76804	5964 114933	11964	22695	50.0	80.0	5.00 120	10.0	20.0
N-Nitrosodimethylamine	DCB	Ave	73601	105715	7229 155898	14805	28558	50.0	80.0	5.00 120	10.0	20.0
Pyridine	DCB	Ave	127396	167394	13219 252068	27554	50811	50.0	80.0	5.00 120	10.0	20.0
Phenol	DCB	Ave	175425	253224	19030 345963	40252	73734	50.0	80.0	5.00 120	10.0	20.0
Aniline	DCB	Ave	199607	287263	21618 400984	45927	82517	50.0	80.0	5.00 120	10.0	20.0
Bis(2-chloroethyl)ether	DCB	Ave	1310 127987	3070 188275	14754 263262	29663	52529	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
2-Chlorophenol	DCB	Ave	152672	219633	16515 304291	34979	62972	50.0	80.0	5.00 120	10.0	20.0
Decane	DCB	Ave	234565	334876	24351 483389	51824	91680	50.0	80.0	5.00 120	10.0	20.0
1,3-Dichlorobenzene	DCB	Ave	180736	257155	19827 363471	41387	72399	50.0	80.0	5.00 120	10.0	20.0
1,4-Dichlorobenzene	DCB	Ave	183380	259214	19955 366888	42010	74071	50.0	80.0	5.00 120	10.0	20.0
Benzyl alcohol	DCB	Ave	84647	125658	8568 169772	18944	33936	50.0	80.0	5.00 120	10.0	20.0
1,2-Dichlorobenzene	DCB	Ave	171599	242892	18721 340778	38308	68999	50.0	80.0	5.00 120	10.0	20.0
2-Methylphenol	DCB	Ave	120745	176190	13448 236380	28112	49912	50.0	80.0	5.00 120	10.0	20.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	261629	385422	28569 532590	58954	107041	50.0	80.0	5.00 120	10.0	20.0
Acetophenone	DCB	Ave	179600	266831	19842 354803	41123	75095	50.0	80.0	5.00 120	10.0	20.0

FORM VI

GC/MS SEMI VOA INITIAL CALIBRATION DATA

INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210846

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2014 18:19 Calibration End Date: 03/05/2014 21:10 Calibration ID: 36065

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
N-Nitrosodi-n-propylamine	DCB	Lin2	669 87922	1979 135058	9893 167644	19900	36216	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
3 & 4 Methylphenol	DCB	Ave	 120485	 179976	13048 240531	27775	49932	 50.0	 80.0	5.00 120	10.0	20.0
4-Methylphenol	DCB	Ave	 120485	 177947	13048 238191	27024	48949	 50.0	 80.0	5.00 120	10.0	20.0
Hexachloroethane	DCB	Ave	685 71763	1653 103084	7497 143367	15873	27989	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
n,n'-Dimethylaniline	DCB	Ave	2452 219459	4886 315280	24055 450203	47355	92035	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Nitrobenzene	NPT	Ave	1874 188624	4500 280269	20768 383054	41703	78916	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Isophorone	NPT	Ave	 199487	 316225	23238 404038	46712	84015	 50.0	 80.0	5.00 120	10.0	20.0
2-Nitrophenol	NPT	Ave	 75549	 115523	7762 154326	16415	30387	 50.0	 80.0	5.00 120	10.0	20.0
2,4-Dimethylphenol	NPT	Ave	 111643	 170214	12572 224922	25772	46800	 50.0	 80.0	5.00 120	10.0	20.0
Bis(2-chloroethoxy)methane	NPT	Ave	 137204	 211022	15395 276138	31220	55633	 50.0	 80.0	5.00 120	10.0	20.0
2,4-Dichlorophenol	NPT	Ave	 107429	 165130	11080 215497	24298	44261	 50.0	 80.0	5.00 120	10.0	20.0
1,2,4-Trichlorobenzene	NPT	Ave	1428 134710	3446 200072	15083 265964	30841	56671	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Naphthalene	NPT	Ave	 388776	 587406	45098 772376	91148	164189	 50.0	 80.0	5.00 120	10.0	20.0
4-Chloroaniline	NPT	Ave	 147452	 230127	17071 299639	35375	63413	 50.0	 80.0	5.00 120	10.0	20.0
Hexachlorobutadiene	NPT	Ave	 80912	2005 121492	9306 162141	18406	34015	 50.0	1.00 80.0	5.00 120	10.0	20.0
Caprolactam	NPT	Lin2	 23486	 39382	1720 52427	4197	9316	 50.0	 80.0	5.00 120	10.0	20.0
4-Chloro-3-methylphenol	NPT	Ave	 89694	 147726	9443 184809	20792	37408	 50.0	 80.0	5.00 120	10.0	20.0
2-Methylnaphthalene	NPT	Ave	 252051	 388518	29540 500742	58442	106176	 50.0	 80.0	5.00 120	10.0	20.0
1-Methylnaphthalene	NPT	Ave	 232836	 362126	27079 463924	54238	96759	 50.0	 80.0	5.00 120	10.0	20.0
Hexachlorocyclopentadiene	ANT	Qua	 41356	 76317	1181 104327	3877	10934	 50.0	 80.0	5.00 120	10.0	20.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	 116411	 185369	13691 234826	27281	49666	 50.0	 80.0	5.00 120	10.0	20.0

FORM VI

GC/MS SEMI VOA INITIAL CALIBRATION DATA

INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210846

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2014 18:19 Calibration End Date: 03/05/2014 21:10 Calibration ID: 36065

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-tertbutyl-4-methylphenol	NPT	Ave	159055	246163	17954 325243	34524	67680	50.0	80.0	5.00 120	10.0	20.0
2,4,6-Trichlorophenol	ANT	Ave	69800	113441	7483 142550	15498	28181	50.0	80.0	5.00 120	10.0	20.0
2,4,5-Trichlorophenol	ANT	Ave	70913	116875	7219 143949	15893	28843	50.0	80.0	5.00 120	10.0	20.0
Diphenyl	ANT	Ave	286727	456114	33563 571574	68068	120757	50.0	80.0	5.00 120	10.0	20.0
2-Chloronaphthalene	ANT	Ave	221884	354196	26556 443827	53849	94391	50.0	80.0	5.00 120	10.0	20.0
Diphenyl ether	ANT	Ave	150129	228323	17283 308088	32554	63648	50.0	80.0	5.00 120	10.0	20.0
2-Nitroaniline	ANT	Ave	57798	96119	6174 118713	12970	24939	50.0	80.0	5.00 120	10.0	20.0
Dimethylnaphthalene, total	ANT	Ave	179666	276168	20664 371074	39974	77819	50.0	80.0	5.00 120	10.0	20.0
Dimethyl phthalate	ANT	Ave	215347	363955	25376 438112	52344	91112	50.0	80.0	5.00 120	10.0	20.0
Coumarin	NPT	Ave	70917	115274	7614 154372	14849	29217	50.0	80.0	5.00 120	10.0	20.0
2,6-Dinitrotoluene	ANT	Ave	51239	1162 85868	5894 104811	12194	21343	50.0	1.00 80.0	5.00 120	10.0	20.0
Acenaphthylene	ANT	Ave	323835	528295	38557 658849	77991	139624	50.0	80.0	5.00 120	10.0	20.0
3-Nitroaniline	ANT	Ave	53498	92940	5686 115266	11975	21951	50.0	80.0	5.00 120	10.0	20.0
Acenaphthene	ANT	Ave	199875	324024	23815 397584	47924	84611	50.0	80.0	5.00 120	10.0	20.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	182966	293891	20951 378230	39620	77650	50.0	80.0	5.00 120	10.0	20.0
2,4-Dinitrophenol	ANT	Qua	35609	77009	127 104447	3073	8725	100	160	10.0 240	20.0	40.0
4-Nitrophenol	ANT	Lin2	59155	96920	2267 135031	11129	21602	100	160	10.0 240	20.0	40.0
Dibenzofuran	ANT	Ave	280507	459496	34492 568072	68570	120797	50.0	80.0	5.00 120	10.0	20.0
2,4-Dinitrotoluene	ANT	Ave	62259	1366 108274	6881 131910	14270	26238	50.0	1.00 80.0	5.00 120	10.0	20.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	51676	92542	4550 113121	10909	20391	50.0	80.0	5.00 120	10.0	20.0
Diethyl phthalate	ANT	Ave	213648	362205	24756 439990	50394	90391	50.0	80.0	5.00 120	10.0	20.0

FORM VI

GC/MS SEMI VOA INITIAL CALIBRATION DATA

INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210846

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2014 18:19 Calibration End Date: 03/05/2014 21:10 Calibration ID: 36065

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Fluorene	ANT	Ave	223038	376763	26839 464696	54189	96715	50.0	80.0	5.00 120	10.0	20.0
4-Chlorophenyl phenyl ether	ANT	Ave	108351	178090	13039 217843	26161	45933	50.0	80.0	5.00 120	10.0	20.0
4-Nitroaniline	ANT	Ave	44662	78939	3909 101179	10054	17888	50.0	80.0	5.00 120	10.0	20.0
4,6-Dinitro-2-methylphenol	PHN	Lin2	59222	115009	2631 146208	9928	20188	100	160	10.0 240	20.0	40.0
N-Nitrosodiphenylamine	PHN	Ave	149491	247096	17200 310995	32922	65397	50.0	80.0	5.00 120	10.0	20.0
1,2-Diphenylhydrazine	PHN	Ave	212001	351080	23884 435338	49002	87036	50.0	80.0	5.00 120	10.0	20.0
4-Bromophenyl phenyl ether	PHN	Ave	63492	109904	7254 133096	14971	26948	50.0	80.0	5.00 120	10.0	20.0
Hexachlorobenzene	PHN	Ave	935 72782	1940 125981	9021 151719	17522	31088	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Atrazine	PHN	Ave	49111	87998	5589 106832	12023	22337	50.0	80.0	5.00 120	10.0	20.0
Pentachlorophenol	PHN	Lin2	62818	123458	3926 156041	11679	22840	100	160	10.0 240	20.0	40.0
Pentachloronitrobenzene	PHN	Ave	27498	47670	2877 62047	5953	11336	50.0	80.0	5.00 120	10.0	20.0
n-Octadecane	PHN	Ave	167611	290653	18176 346576	37954	67109	50.0	80.0	5.00 120	10.0	20.0
Phenanthrene	PHN	Ave	289292	498743	34510 611686	70866	123136	50.0	80.0	5.00 120	10.0	20.0
Anthracene	PHN	Ave	294672	509881	34292 636104	72280	126285	50.0	80.0	5.00 120	10.0	20.0
Carbazole	PHN	Ave	241461	422449	26411 525092	58764	104077	50.0	80.0	5.00 120	10.0	20.0
Di-n-butyl phthalate	PHN	Ave	320453	581378	35466 698918	78713	134425	50.0	80.0	5.00 120	10.0	20.0
Fluoranthene	PHN	Ave	269479	485627	30084 618171	68080	117350	50.0	80.0	5.00 120	10.0	20.0
Benzidine	PHN	Ave	94775	170857	10933 249934	24378	45191	50.0	80.0	5.00 120	10.0	20.0
Pyrene	CRY	Ave	275081	487238	31292 630300	68360	116276	50.0	80.0	5.00 120	10.0	20.0
Butyl benzyl phthalate	CRY	Ave	122442	222501	12558 302206	29795	50682	50.0	80.0	5.00 120	10.0	20.0
2,3,7,8-TCDD (Screen)	CRY	Ave	304					0.500				

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210846

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2014 18:19 Calibration End Date: 03/05/2014 21:10 Calibration ID: 36065

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Carbamazepine	CRY	Lin2	106292	186299	8218 285518	18461	37896	50.0	80.0	5.00 120	10.0	20.0
3,3'-Dichlorobenzidine	CRY	Ave	96228	170472	9087 253760	20333	39288	50.0	80.0	5.00 120	10.0	20.0
Benzo[a]anthracene	CRY	Ave	3475 245042	6943 441787	26004 624616	61544	102140	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Chrysene	CRY	Ave	232447	413685	23560 568566	54242	95272	50.0	80.0	5.00 120	10.0	20.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	173341	312599	18144 431429	42202	71409	50.0	80.0	5.00 120	10.0	20.0
Di-n-octyl phthalate	PRY	Ave	290696	531751	27207 757840	65564	113703	50.0	80.0	5.00 120	10.0	20.0
Benzo[b]fluoranthene	PRY	Ave	2365 249929	5527 454600	22600 690545	54273	96485	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Benzo[k]fluoranthene	PRY	Ave	2569 276132	5798 484345	24751 729042	57132	99752	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Benzo[a]pyrene	PRY	Ave	2185 255167	5074 456514	22706 685142	51486	93650	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	2943 301912	6957 526049	25837 826205	55472	105466	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Dibenz(a,h)anthracene	PRY	Ave	2590 299098	5838 509147	25961 771479	57422	107598	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Benzo[g,h,i]perylene	PRY	Ave	310273	523105	26576 803625	59301	113490	50.0	80.0	5.00 120	10.0	20.0
2-Fluorophenol	DCB	Ave	143337	202415	14029 275012	29898	55341	50.0	80.0	5.00 120	10.0	20.0
Phenol-d5	DCB	Ave	163382	229384	17627 311552	35470	64393	50.0	80.0	5.00 120	10.0	20.0
Nitrobenzene-d5	NPT	Ave	1366 137793	2903 206889	15177 269790	30069	55701	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
2-Fluorobiphenyl	ANT	Ave	3024 265743	6378 417410	31092 506734	60163	107614	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
2,4,6-Tribromophenol	ANT	Ave	38669	66879	3861 80725	8003	15054	50.0	80.0	5.00 120	10.0	20.0
Terphenyl-d14	CRY	Ave	2391 205408	5437 368589	22786 451958	48847	85113	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210846

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2014 21:35 Calibration End Date: 03/05/2014 23:36 Calibration ID: 36069

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD5 460-210846/15	L1147714.D
Level 2	STD10 460-210846/14	L1147713.D
Level 3	STD20 460-210846/13	L1147712.D
Level 4	STD50 460-210846/10	L1147709.D
Level 5	STD80 460-210846/12	L1147711.D
Level 6	STD120 460-210846/11	L1147710.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzaldehyde	0.8571 0.9525	0.8654	0.8906	0.9134	0.9142	Ave		0.8989				3.9		15.0			
Benzoic acid	+++++ 0.1017	0.0175	0.0444	0.0699	0.0826	Lin	-1.384	0.1082							0.9860	*	0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 210846

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2014 21:35 Calibration End Date: 03/05/2014 23:36 Calibration ID: 36069

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD5 460-210846/15	L1147714.D
Level 2	STD10 460-210846/14	L1147713.D
Level 3	STD20 460-210846/13	L1147712.D
Level 4	STD50 460-210846/10	L1147709.D
Level 5	STD80 460-210846/12	L1147711.D
Level 6	STD120 460-210846/11	L1147710.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Benzaldehyde	DCB	Ave	15463 358896	26338	54434	143079	242657	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	Lin	+++++ 141923	1848	9361	38350	76871	+++++ 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209495

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 09:08 Calibration End Date: 02/27/2014 11:45 Calibration ID: 35683

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209495/9	U94133.D
Level 2	IC 460-209495/8	U94132.D
Level 3	IC 460-209495/7	U94131.D
Level 4	IC 460-209495/6	U94130.D
Level 5	IC 460-209495/5	U94129.D
Level 6	ICIS 460-209495/2	U94126.D
Level 7	IC 460-209495/4	U94128.D
Level 8	IC 460-209495/3	U94127.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.7046	0.7126	0.6603 0.7336	0.6849	0.6604	Ave		0.6927				4.3		15.0			
N-Nitrosodimethylamine	1.3360	1.2532	1.1520 1.3591	1.3502	1.2802	Ave		1.2885				6.1		15.0			
Pyridine	1.8823	1.9333	1.9240 1.9446	2.0914	2.0372	Ave		1.9688				4.0		15.0			
Phenol	2.2445	2.0998	2.0935 2.0831	2.3750	2.3092	Ave		2.2009				5.7		15.0			
Aniline	2.4533	2.4869	2.5607 2.3785	2.6170	2.6406	Ave		2.5228				4.0		15.0			
Bis(2-chloroethyl)ether	1.5979 1.8257	1.9529 1.7500	1.7643 1.7633	1.9540	1.8895	Ave		1.8122				6.6		15.0			
2-Chlorophenol	1.5787	1.5482	1.5938 1.4850	1.6460	1.6369	Ave		1.5814				3.8		15.0			
Decane	2.3599	2.2854	2.3207 2.2652	2.4394	2.2947	Ave		2.3276				2.7		15.0			
1,3-Dichlorobenzene	1.5713	1.5218	1.4683 1.5508	1.6259	1.6084	Ave		1.5578				3.7		15.0			
1,4-Dichlorobenzene	1.5546	1.5796	1.4850 1.4595	1.6459	1.5924	Ave		1.5528				4.5		15.0			
Benzyl alcohol	0.9854	1.0420	1.1090 0.9543	1.1085	1.0916	Ave		1.0485				6.3		15.0			
1,2-Dichlorobenzene	1.4215	1.4397	1.4860 1.3352	1.5675	1.4679	Ave		1.4530				5.3		15.0			
2-Methylphenol	1.4120	1.3887	1.4894 1.3011	1.6538	1.5135	Ave		1.4597				8.3		15.0			
2,2'-oxybis[1-chloropropane]	3.0278	2.9161	3.3776 2.6879	3.4560	3.2573	Ave		3.1204				9.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209495

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 09:08 Calibration End Date: 02/27/2014 11:45 Calibration ID: 35683

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
3 & 4 Methylphenol	1.5107	1.4166	1.7077 1.3472	1.7882	1.6066	Ave		1.5628				11.0		15.0			
4-Methylphenol	1.4990	1.4074	1.7077 1.3300	1.7882	1.5993	Ave		1.5553				11.0		15.0			
Acetophenone	1.9508	1.7715	2.3109 1.7033	2.3112	2.1442	Ave		2.0320				13.0		15.0			
N-Nitrosodi-n-propylamine	1.4612 1.3175	1.6709 1.3084	1.6421 1.1397	1.6579	1.4943	Ave		1.4615			0.0500	13.0		15.0			
Hexachloroethane	0.6478 0.8402	0.8152 0.8609	0.8667 0.8049	0.8673	0.8601	Ave		0.8204				9.0		15.0			
Nitrobenzene	0.6598 0.6362	0.6921 0.6521	0.7150 0.6162	0.7006	0.6590	Ave		0.6664				5.1		15.0			
n,n'-Dimethylaniline	2.4299 2.4479	2.6289 1.9805	2.5388 2.0132	2.3712	2.4660	Ave		2.3595				10.0		15.0			
Isophorone	0.7584	0.7970	0.8837 0.7988	0.9177	0.7894	Ave		0.8242				7.5		15.0			
2-Nitrophenol	0.1843	0.1990	0.1811 0.1853	0.2027	0.1924	Ave		0.1908				4.6		15.0			
2,4-Dimethylphenol	0.3093	0.3431	0.3651 0.3268	0.3733	0.3427	Ave		0.3434				6.9		15.0			
Bis(2-chloroethoxy)methane	0.4488	0.4649	0.5177 0.4599	0.5235	0.4821	Ave		0.4828				6.5		15.0			
2,4-Dichlorophenol	0.2440	0.2798	0.2704 0.2606	0.2803	0.2639	Ave		0.2665				5.1		15.0			
1,2,4-Trichlorobenzene	0.2816 0.3045	0.2722 0.3346	0.2966 0.3194	0.3270	0.3020	Ave		0.3047				7.1		15.0			
Naphthalene	0.9277	1.1149	0.9744 1.0502	1.1306	0.9717	Ave		1.0283				8.1		15.0			
4-Chloroaniline	0.3870	0.4422	0.4577 0.4120	0.4837	0.4508	Ave		0.4389				7.8		15.0			
Hexachlorobutadiene	0.1407	0.1319 0.1661	0.1388 0.1577	0.1497	0.1482	Ave		0.1476				7.9		15.0			
Caprolactam	0.0834	0.1027	0.1022 0.1047	0.1052	0.1035	Ave		0.1003				8.3		15.0			
4-Chloro-3-methylphenol	0.2793	0.2988	0.3487 0.2937	0.3392	0.3077	Ave		0.3112				8.7		15.0			
2-Methylnaphthalene	0.5272	0.5730	0.6008 0.6006	0.6406	0.5763	Ave		0.5864				6.4		15.0			
1-Methylnaphthalene	0.4494	0.5280	0.5616 0.4699	0.5428	0.4890	Ave		0.5068				8.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209495

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 09:08 Calibration End Date: 02/27/2014 11:45 Calibration ID: 35683

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Hexachlorocyclopentadiene	0.3785	0.4261	0.2349 0.4167	0.2931	0.3044	Lin2	-0.936	0.4033			0.0500				0.9900		0.9900
1,2,4,5-Tetrachlorobenzene	0.4814	0.4887	0.4430 0.5442	0.4558	0.4418	Ave		0.4758				8.1		15.0			
2-tertbutyl-4-methylphenol	0.3645	0.3766	0.4233 0.3760	0.3912	0.3951	Ave		0.3878				5.3		15.0			
2,4,6-Trichlorophenol	0.3462	0.3632	0.3134 0.3668	0.3425	0.3696	Ave		0.3503				6.1		15.0			
2,4,5-Trichlorophenol	0.3252	0.3941	0.3924 0.3358	0.3756	0.3350	Ave		0.3597				8.7		15.0			
Diphenyl	1.5619	1.5634	1.4776 1.5151	1.4752	1.3492	Ave		1.4904				5.3		15.0			
2-Chloronaphthalene	1.0952	1.1841	1.1796 1.1498	1.0758	1.1540	Ave		1.1398				3.9		15.0			
Diphenyl ether	0.7736	0.7902	0.8090 0.8349	0.7818	0.7893	Ave		0.7964				2.8		15.0			
2-Nitroaniline	0.6128	0.6968	0.6402 0.6586	0.6830	0.6670	Ave		0.6597				4.6		15.0			
Dimethylnaphthalene, total	0.8710	0.9547	0.8956 0.9261	0.8305	0.8787	Ave		0.8928				4.9		15.0			
Dimethyl phthalate	1.0445	1.2086	1.2672 1.1995	1.1555	1.2395	Ave		1.1858				6.7		15.0			
Coumarin	0.1398	0.1441	0.1802 0.1496	0.1662	0.1577	Ave		0.1563				9.6		15.0			
2,6-Dinitrotoluene	0.2905	0.2808 0.2892	0.2877 0.2636	0.2893	0.2871	Ave		0.2840				3.4		15.0			
Acenaphthylene	1.5791	1.6342	1.6017 1.6247	1.6692	1.5904	Ave		1.6166				2.0		15.0			
3-Nitroaniline	0.2893	0.3264	0.3276 0.3234	0.3334	0.3218	Ave		0.3203				4.9		15.0			
3,5-di-tert-butyl-4-hydroxytol	0.7455	0.7805	0.7013 0.7866	0.6469	0.7463	Ave		0.7345				7.2		15.0			
Acenaphthene	1.0836	1.1594	1.0691 1.0395	1.0912	1.0439	Ave		1.0811				4.0		15.0			
2,4-Dinitrophenol	0.1530	0.1858	0.0866 0.1974	0.1139	0.1364	Lin1	-1.437	0.1923			0.0500				0.9910		0.9900
4-Nitrophenol	0.2944	0.3361	0.2928 0.3469	0.2984	0.3209	Ave		0.3149			0.0500	7.4		15.0			
2,4-Dinitrotoluene	0.3548	0.2783 0.3929	0.3536 0.3532	0.3637	0.3604	Ave		0.3510				9.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209495

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 09:08 Calibration End Date: 02/27/2014 11:45 Calibration ID: 35683

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dibenzofuran	1.3250	1.5356	1.6422 1.5427	1.5556	1.4403	Ave		1.5069				7.3		15.0			
2,3,4,6-Tetrachlorophenol	0.2462	0.2571	0.2129 0.2646	0.2239	0.2364	Ave		0.2402				8.2		15.0			
Diethyl phthalate	1.0870	1.2452	1.2106 1.1784	1.2383	1.1661	Ave		1.1876				4.9		15.0			
4-Chlorophenyl phenyl ether	0.3967	0.4542	0.3803 0.4893	0.4023	0.3743	Ave		0.4162				11.0		15.0			
Fluorene	1.0521	1.2167	1.1547 1.1870	1.1067	1.0899	Ave		1.1345				5.5		15.0			
4-Nitroaniline	0.2734	0.2792	0.2571 0.2437	0.2619	0.2663	Ave		0.2636				4.8		15.0			
4,6-Dinitro-2-methylphenol	0.1470	0.1454	0.0936 0.1469	0.1168	0.1324	Lin2	-0.574	0.1490							0.9990		0.9900
N-Nitrosodiphenylamine	0.6651	0.7194	0.6334 0.7370	0.6443	0.7049	Ave		0.6840				6.2		15.0			
1,2-Diphenylhydrazine	1.3221	1.4468	1.5463 1.5059	1.5634	1.4805	Ave		1.4775				5.9		15.0			
4-Bromophenyl phenyl ether	0.2102	0.2236	0.2031 0.2421	0.2003	0.1982	Ave		0.2129				8.0		15.0			
Hexachlorobenzene	0.1644 0.2139	0.1878 0.2312	0.1936 0.2428	0.1991	0.2240	Ave		0.2071				12.0		15.0			
Atrazine	0.1903	0.2021	0.1850 0.1953	0.1606	0.1951	Ave		0.1881				7.8		15.0			
Pentachlorophenol	0.1566	0.1669	0.1240 0.1721	0.1376	0.1465	Ave		0.1506				12.0		15.0			
Pentachloronitrobenzene	0.1027	0.1094	0.0901 0.1091	0.0894	0.1051	Ave		0.1010				9.0		15.0			
n-Octadecane	0.8972	1.1333	1.1347 0.9136	1.0962	1.0740	Ave		1.0415				10.0		15.0			
Phenanthrene	1.0876	1.0396	1.1386 1.0704	1.1594	1.1958	Ave		1.1152				5.3		15.0			
Anthracene	1.0175	1.1988	1.1583 1.0871	1.1656	1.1625	Ave		1.1316				5.9		15.0			
Carbazole	0.9955	1.0218	0.9851 1.0537	1.0379	1.0268	Ave		1.0201				2.5		15.0			
Di-n-butyl phthalate	1.5780	1.6196	1.3085 1.4618	1.5261	1.4834	Ave		1.4962				7.3		15.0			
Fluoranthene	0.7933	0.8071	0.7714 0.8235	0.8143	0.7652	Ave		0.7958				3.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209495

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 09:08 Calibration End Date: 02/27/2014 11:45 Calibration ID: 35683

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Benzidine	0.4478	0.4851	0.4239 0.5092	0.3944	0.4649	Ave		0.4542				9.1		15.0			
Pyrene	1.2102	1.1521	1.3027 1.1143	1.4479	1.3601	Ave		1.2645				10.0		15.0			
Butyl benzyl phthalate	0.8741	0.8858	0.8625 0.8553	0.9488	0.9364	Ave		0.8938				4.4		15.0			
2,3,7,8-TCDD (Screen)	0.1024					Ave		0.1024						15.0			
Carbamazepine	0.4377	0.5277	0.3729 +++++	0.4279	0.4893	Ave		0.4511				13.0		15.0			
3,3'-Dichlorobenzidine	0.4199	0.4161	0.3134 0.4787	0.3782	0.3833	Ave		0.3983				14.0		15.0			
Benzo[a]anthracene	1.1089 0.9707	1.0612 0.9765	0.8964 1.0283	1.0260	0.9655	Ave		1.0042				6.5		15.0			
Bis(2-ethylhexyl) phthalate	1.1148	1.0534	1.1371 1.0276	1.2017	1.1621	Ave		1.1161				5.9		15.0			
Chrysene	0.7888	0.8698	0.8104 0.8585	0.7898	0.8106	Ave		0.8213				4.2		15.0			
Di-n-octyl phthalate	2.0540	1.9253	2.3883 1.6695	2.4019	2.2907	Ave		2.1216				14.0		15.0			
Benzo[b]fluoranthene	0.9372 1.0439	0.9596 1.0419	1.1513 1.2329	1.0645	1.0264	Ave		1.0572				9.1		15.0			
Benzo[k]fluoranthene	0.9882 1.0024	1.1769 1.0466	1.0737 0.9643	1.1757	1.1221	Ave		1.0687				7.8		15.0			
Benzo[a]pyrene	0.7780 0.9736	0.8673 1.0094	0.9359 1.0615	0.9985	0.9526	Ave		0.9471				9.4		15.0			
Indeno[1,2,3-cd]pyrene	0.6454 1.0421	0.7559 1.2229	0.7915 1.3763	0.8775	0.9289	QuaF		0.8460	0.0045						1.0000		0.9900
Dibenz(a,h)anthracene	0.5972 0.9171	0.6436 1.0662	0.7698 1.1455	0.8847	0.8645	QuaF		0.8168	0.0028						0.9990		0.9900
Benzo[g,h,i]perylene	0.9556	1.1254	0.8159 1.1591	0.9318	0.9083	Ave		0.9827				14.0		15.0			
2-Fluorophenol	1.8374	1.8432	1.6412 1.7890	1.6881	1.7032	Ave		1.7503				4.8		15.0			
Phenol-d5	2.1779	2.0639	2.0639 1.9136	2.1892	2.2766	Ave		2.1142				6.0		15.0			
Nitrobenzene-d5	0.4449 0.4771	0.4712 0.5308	0.5132 0.4825	0.5116	0.5103	Ave		0.4927				5.8		15.0			
2-Fluorobiphenyl	1.2198 1.2997	1.3364 1.5406	1.4349 1.4062	1.3462	1.3385	Ave		1.3653				7.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209495

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 09:08 Calibration End Date: 02/27/2014 11:45 Calibration ID: 35683

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2,4,6-Tribromophenol	0.1505	0.1697	0.1358 0.1678	0.1475	0.1512	Ave		0.1537				8.4		15.0			
Terphenyl-d14	0.9899 0.8946	1.0206 0.8617	0.8905 0.8197	0.9783	0.9742	Ave		0.9287				7.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209495

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 09:08 Calibration End Date: 02/27/2014 11:45 Calibration ID: 35683

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209495/9	U94133.D
Level 2	IC 460-209495/8	U94132.D
Level 3	IC 460-209495/7	U94131.D
Level 4	IC 460-209495/6	U94130.D
Level 5	IC 460-209495/5	U94129.D
Level 6	ICIS 460-209495/2	U94126.D
Level 7	IC 460-209495/4	U94128.D
Level 8	IC 460-209495/3	U94127.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	169414	250274	16769 376887	34522	61775	50.0	80.0	5.00 120	10.0	20.0
N-Nitrosodimethylamine	DCB	Ave	321253	440157	29256 698220	68055	119749	50.0	80.0	5.00 120	10.0	20.0
Pyridine	DCB	Ave	452611	678998	48864 999051	105411	190565	50.0	80.0	5.00 120	10.0	20.0
Phenol	DCB	Ave	539694	737465	53169 1070193	119706	216002	50.0	80.0	5.00 120	10.0	20.0
Aniline	DCB	Ave	589895	873436	65032 1221940	131902	247005	50.0	80.0	5.00 120	10.0	20.0
Bis(2-chloroethyl)ether	DCB	Ave	4312 438984	9870 614630	44806 905882	98486	176751	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
2-Chlorophenol	DCB	Ave	379604	543755	40477 762897	82962	153116	50.0	80.0	5.00 120	10.0	20.0
Decane	DCB	Ave	567430	802680	58939 1163752	122950	214653	50.0	80.0	5.00 120	10.0	20.0
1,3-Dichlorobenzene	DCB	Ave	377825	534490	37290 796736	81947	150456	50.0	80.0	5.00 120	10.0	20.0
1,4-Dichlorobenzene	DCB	Ave	373807	554769	37714 749824	82958	148951	50.0	80.0	5.00 120	10.0	20.0
Benzyl alcohol	DCB	Ave	236935	365960	28166 490290	55873	102110	50.0	80.0	5.00 120	10.0	20.0
1,2-Dichlorobenzene	DCB	Ave	341792	505631	37740 685941	79006	137310	50.0	80.0	5.00 120	10.0	20.0
2-Methylphenol	DCB	Ave	339510	487740	37826 668435	83353	141577	50.0	80.0	5.00 120	10.0	20.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	728038	1024160	85779 1380876	174189	304694	50.0	80.0	5.00 120	10.0	20.0
3 & 4 Methylphenol	DCB	Ave	363255	497541	43370 692105	90128	150285	50.0	80.0	5.00 120	10.0	20.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209495

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 09:08 Calibration End Date: 02/27/2014 11:45 Calibration ID: 35683

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Methylphenol	DCB	Ave	360427	494296	43370 683274	90128	149603	50.0	80.0	5.00 120	10.0	20.0
Acetophenone	DCB	Ave	469066	622163	58690 875067	116489	200574	50.0	80.0	5.00 120	10.0	20.0
N-Nitrosodi-n-propylamine	DCB	Ave	3943 316789	8445 459535	41704 585499	83560	139783	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Hexachloroethane	DCB	Ave	1748 202016	4120 302349	22011 413505	43715	80455	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Nitrobenzene	NPT	Ave	7067 600800	14835 802144	74073 1089586	138806	250214	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
n,n'-Dimethylaniline	DCB	Ave	6557 588591	13287 695584	64477 1034259	119513	230672	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Isophorone	NPT	Ave	716172	980355	91550 1412448	181813	299753	50.0	80.0	5.00 120	10.0	20.0
2-Nitrophenol	NPT	Ave	174018	244752	18760 327657	40163	73052	50.0	80.0	5.00 120	10.0	20.0
2,4-Dimethylphenol	NPT	Ave	292069	422023	37818 577756	73946	130121	50.0	80.0	5.00 120	10.0	20.0
Bis(2-chloroethoxy)methane	NPT	Ave	423869	571821	53635 813242	103705	183048	50.0	80.0	5.00 120	10.0	20.0
2,4-Dichlorophenol	NPT	Ave	230418	344234	28010 460771	55531	100193	50.0	80.0	5.00 120	10.0	20.0
1,2,4-Trichlorobenzene	NPT	Ave	3016 287564	5834 411641	30727 564824	64774	114687	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Naphthalene	NPT	Ave	876071	1371354	100946 1856986	223997	368967	50.0	80.0	5.00 120	10.0	20.0
4-Chloroaniline	NPT	Ave	365476	543980	47411 728500	95823	171153	50.0	80.0	5.00 120	10.0	20.0
Hexachlorobutadiene	NPT	Ave	132825	2828 204347	14375 278777	29653	56267	50.0	1.00 80.0	5.00 120	10.0	20.0
Caprolactam	NPT	Ave	78718	126334	10591 185201	20840	39281	50.0	80.0	5.00 120	10.0	20.0
4-Chloro-3-methylphenol	NPT	Ave	263791	367487	36128 519293	67204	116824	50.0	80.0	5.00 120	10.0	20.0
2-Methylnaphthalene	NPT	Ave	497903	704835	62241 1062018	126905	218825	50.0	80.0	5.00 120	10.0	20.0
1-Methylnaphthalene	NPT	Ave	424359	649485	58177 830796	107539	185673	50.0	80.0	5.00 120	10.0	20.0
Hexachlorocyclopentadiene	ANT	Lin2	137168	200633	10990 287375	26497	48475	50.0	80.0	5.00 120	10.0	20.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	174457	230097	20731 375300	41208	70352	50.0	80.0	5.00 120	10.0	20.0

FORM VI

GC/MS SEMI VOA INITIAL CALIBRATION DATA

INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209495

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 09:08 Calibration End Date: 02/27/2014 11:45 Calibration ID: 35683

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-tertbutyl-4-methylphenol	NPT	Ave	344191	463232	43849 664761	77508	150011	50.0	80.0	5.00 120	10.0	20.0
2,4,6-Trichlorophenol	ANT	Ave	125453	170997	14664 252959	30964	58860	50.0	80.0	5.00 120	10.0	20.0
2,4,5-Trichlorophenol	ANT	Ave	117844	185542	18363 231555	33960	53356	50.0	80.0	5.00 120	10.0	20.0
Diphenyl	ANT	Ave	566040	736087	69143 1044876	133370	214862	50.0	80.0	5.00 120	10.0	20.0
2-Chloronaphthalene	ANT	Ave	396895	557487	55201 792958	97256	183786	50.0	80.0	5.00 120	10.0	20.0
Diphenyl ether	ANT	Ave	280334	372035	37856 575757	70676	125699	50.0	80.0	5.00 120	10.0	20.0
2-Nitroaniline	ANT	Ave	222061	328061	29958 454179	61748	106227	50.0	80.0	5.00 120	10.0	20.0
Dimethylnaphthalene, total	ANT	Ave	315643	449506	41912 638690	75085	139935	50.0	80.0	5.00 120	10.0	20.0
Dimethyl phthalate	ANT	Ave	378512	569030	59300 827196	104460	197389	50.0	80.0	5.00 120	10.0	20.0
Coumarin	NPT	Ave	132048	177240	18663 264433	32928	59895	50.0	80.0	5.00 120	10.0	20.0
2,6-Dinitrotoluene	ANT	Ave	105259	2905 136147	13464 181815	26153	45729	50.0	1.00 80.0	5.00 120	10.0	20.0
Acenaphthylene	ANT	Ave	572277	769424	74950 1120479	150907	253277	50.0	80.0	5.00 120	10.0	20.0
3-Nitroaniline	ANT	Ave	104850	153680	15329 223000	30137	51252	50.0	80.0	5.00 120	10.0	20.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	270182	367492	32819 542485	58480	118849	50.0	80.0	5.00 120	10.0	20.0
Acenaphthene	ANT	Ave	392684	545839	50028 716874	98646	166252	50.0	80.0	5.00 120	10.0	20.0
2,4-Dinitrophenol	ANT	Lin1	110859	174933	8107 272254	20601	43443	100	160	10.0 240	20.0	40.0
4-Nitrophenol	ANT	Ave	213398	316442	27402 478487	53962	102198	100	160	10.0 240	20.0	40.0
2,4-Dinitrotoluene	ANT	Ave	128576	2880 184973	16548 243610	32882	57392	50.0	1.00 80.0	5.00 120	10.0	20.0
Dibenzofuran	ANT	Ave	480159	722991	76848 1063915	140636	229378	50.0	80.0	5.00 120	10.0	20.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	89212	121059	9961 182509	20238	37651	50.0	80.0	5.00 120	10.0	20.0
Diethyl phthalate	ANT	Ave	393930	586247	56649 812698	111950	185705	50.0	80.0	5.00 120	10.0	20.0

FORM VI

GC/MS SEMI VOA INITIAL CALIBRATION DATA

INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209495

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 09:08 Calibration End Date: 02/27/2014 11:45 Calibration ID: 35683

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Chlorophenyl phenyl ether	ANT	Ave	143754	213863	17796 337473	36372	59606	50.0	80.0	5.00 120	10.0	20.0
Fluorene	ANT	Ave	381292	572846	54034 818607	100047	173569	50.0	80.0	5.00 120	10.0	20.0
4-Nitroaniline	ANT	Ave	99064	131433	12032 168040	23681	42404	50.0	80.0	5.00 120	10.0	20.0
4,6-Dinitro-2-methylphenol	PHN	Lin2	120125	160848	10575 229419	24437	47561	100	160	10.0 240	20.0	40.0
N-Nitrosodiphenylamine	PHN	Ave	271793	397816	35779 575547	67402	126643	50.0	80.0	5.00 120	10.0	20.0
1,2-Diphenylhydrazine	PHN	Ave	540271	800093	87348 1175893	163548	265985	50.0	80.0	5.00 120	10.0	20.0
4-Bromophenyl phenyl ether	PHN	Ave	85885	123625	11475 189049	20949	35603	50.0	80.0	5.00 120	10.0	20.0
Hexachlorobenzene	PHN	Ave	1116 87431	2450 127847	10936 189619	20827	40242	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Atrazine	PHN	Ave	77770	111787	10452 152495	16804	35043	50.0	80.0	5.00 120	10.0	20.0
Pentachlorophenol	PHN	Ave	128027	184545	14008 268846	28797	52634	100	160	10.0 240	20.0	40.0
Pentachloronitrobenzene	PHN	Ave	41983	60484	5089 85217	9357	18887	50.0	80.0	5.00 120	10.0	20.0
n-Octadecane	PHN	Ave	366663	626697	64099 713436	114681	192948	50.0	80.0	5.00 120	10.0	20.0
Phenanthrene	PHN	Ave	444444	574921	64319 835839	121287	214832	50.0	80.0	5.00 120	10.0	20.0
Anthracene	PHN	Ave	415820	662936	65432 848921	121934	208851	50.0	80.0	5.00 120	10.0	20.0
Carbazole	PHN	Ave	406829	565070	55646 822801	108573	184479	50.0	80.0	5.00 120	10.0	20.0
Di-n-butyl phthalate	PHN	Ave	644868	895647	73917 1141498	159650	266510	50.0	80.0	5.00 120	10.0	20.0
Fluoranthene	PHN	Ave	324198	446304	43577 643079	85185	137465	50.0	80.0	5.00 120	10.0	20.0
Benzidine	PHN	Ave	182989	268259	23946 397656	41260	83517	50.0	80.0	5.00 120	10.0	20.0
Pyrene	CRY	Ave	321422	442481	43828 630862	83019	144434	50.0	80.0	5.00 120	10.0	20.0
Butyl benzyl phthalate	CRY	Ave	232151	340213	29017 484215	54401	99441	50.0	80.0	5.00 120	10.0	20.0
2,3,7,8-TCDD (Screen)	CRY	Ave	272					0.500				

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209495

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 09:08 Calibration End Date: 02/27/2014 11:45 Calibration ID: 35683

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Carbamazepine	CRY	Ave	116244	202676	12544 +++++	24536	51963	50.0	80.0	5.00 +++++	10.0	20.0
3,3'-Dichlorobenzidine	CRY	Ave	111536	159803	10543 271013	21685	40702	50.0	80.0	5.00 120	10.0	20.0
Benzo[a]anthracene	CRY	Ave	3672 257823	6585 375049	30158 582139	58828	102528	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	296092	404575	38255 581766	68906	123401	50.0	80.0	5.00 120	10.0	20.0
Chrysene	CRY	Ave	209498	334062	27264 486019	45285	86082	50.0	80.0	5.00 120	10.0	20.0
Di-n-octyl phthalate	PRY	Ave	477274	712846	55609 1065895	105017	188644	50.0	80.0	5.00 120	10.0	20.0
Benzo[b]fluoranthene	PRY	Ave	2332 242554	4689 385767	26806 787142	46543	84530	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Benzo[k]fluoranthene	PRY	Ave	2459 232929	5751 387497	24999 615645	51404	92409	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Benzo[a]pyrene	PRY	Ave	1936 226220	4238 373728	21792 677704	43657	78450	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Indeno[1,2,3-cd]pyrene	PRY	QuaF	1606 242137	3694 452776	18430 878666	38369	76495	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Dibenz(a,h)anthracene	PRY	QuaF	1486 213099	3145 394761	17923 731346	38682	71197	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Benzo[g,h,i]perylene	PRY	Ave	222039	416678	18998 740022	40743	74801	50.0	80.0	5.00 120	10.0	20.0
2-Fluorophenol	DCB	Ave	441793	647370	41682 919073	85082	159317	50.0	80.0	5.00 120	10.0	20.0
Phenol-d5	DCB	Ave	523683	724863	52417 983116	110341	212960	50.0	80.0	5.00 120	10.0	20.0
Nitrobenzene-d5	NPT	Ave	4765 450517	10100 652951	53164 853225	101346	193765	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
2-Fluorobiphenyl	ANT	Ave	6846 471013	13828 725339	67146 969806	121702	213163	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
2,4,6-Tribromophenol	ANT	Ave	54535	79876	6355 115746	13339	24072	50.0	80.0	5.00 120	10.0	20.0
Terphenyl-d14	CRY	Ave	3278 237614	6333 330961	29961 464077	56094	103455	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209495

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 12:08 Calibration End Date: 02/27/2014 14:00 Calibration ID: 35687

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209495/15	U94139.D
Level 2	IC 460-209495/14	U94138.D
Level 3	IC 460-209495/13	U94137.D
Level 4	IC 460-209495/10	U94134.D
Level 5	IC 460-209495/12	U94136.D
Level 6	IC 460-209495/11	U94135.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzaldehyde	1.6981 1.6110	1.7594	1.7190	1.7279	1.5062	Ave		1.6703				5.7		15.0			
Benzoic acid	0.0858 0.2138	0.1217	0.1592	0.2008	0.2087	Lin2	-0.679	0.2092							0.9930		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209495

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 12:08 Calibration End Date: 02/27/2014 14:00 Calibration ID: 35687

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209495/15	U94139.D
Level 2	IC 460-209495/14	U94138.D
Level 3	IC 460-209495/13	U94137.D
Level 4	IC 460-209495/10	U94134.D
Level 5	IC 460-209495/12	U94136.D
Level 6	IC 460-209495/11	U94135.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Benzaldehyde	DCB	Ave	46605 1036757	93939	185501	439779	608427	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	Lin2	10056 577818	26820	68741	214699	343016	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211764

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:08 Calibration End Date: 03/11/2014 08:06 Calibration ID: 36235

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-211764/9	x9286.D
Level 2	STD1 460-211764/8	x9285.D
Level 3	STD5 460-211764/7	x9284.D
Level 4	STD10 460-211764/6	x9283.D
Level 5	STD20 460-211764/5	x9282.D
Level 6	ICIS 460-211764/2	x9279.D
Level 7	STD80 460-211764/4	x9281.D
Level 8	STD120 460-211764/3	x9280.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.6987	0.6777	0.6931 0.6869	0.7376	0.6763	Ave		0.6951				3.2		15.0			
N-Nitrosodimethylamine	0.9899	0.9762	0.9937 0.9808	1.0707	0.9829	Ave		0.9990				3.6		15.0			
Pyridine	1.6028	1.5625	1.6703 1.5486	1.8112	1.6792	Ave		1.6458				5.9		15.0			
Aniline	2.2438	2.3123	2.5254 2.3188	2.5600	2.3095	Ave		2.3783				5.5		15.0			
Phenol	1.7238	1.7365	2.1865 1.6294	2.2885	1.9104	Ave		1.9125				14.0		15.0			
Bis(2-chloroethyl)ether	1.4806 1.4937	1.7000 1.4713	1.7508 1.4614	1.7803	1.5562	Ave		1.5868				8.5		15.0			
2-Chlorophenol	1.4401	1.3802	1.5915 1.3739	1.6861	1.5189	Ave		1.4985				8.3		15.0			
Decane	1.7538	1.5328	2.3797 1.4021	2.4326	2.0845	Qua	5.5939	1.7960	-0.004						0.9990		0.9900
1,3-Dichlorobenzene	1.5481	1.4656	1.7665 1.4582	1.8544	1.6736	Ave		1.6277				10.0		15.0			
1,4-Dichlorobenzene	1.4738	1.4239	1.7460 1.4074	1.8129	1.6285	Ave		1.5821				11.0		15.0			
Benzyl alcohol	0.8450	0.8562	1.0183 0.8751	1.0341	0.9370	Ave		0.9276				8.9		15.0			
1,2-Dichlorobenzene	1.3142	1.2801	1.6642 1.2867	1.7170	1.5226	Ave		1.4641				13.0		15.0			
2,2'-oxybis[1-chloropropane]	2.3911	2.1915	2.8754 2.0302	2.9620	2.6365	QuaF		2.6462	-0.005						0.9990		0.9900
2-Methylphenol	1.2491	1.2556	1.4613 1.2183	1.4762	1.3522	Ave		1.3354				8.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211764

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:08 Calibration End Date: 03/11/2014 08:06 Calibration ID: 36235

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Acetophenone	1.6628	1.6748	2.0446 1.6466	2.0827	1.8169	Ave		1.8214				11.0		15.0			
N-Nitrosodi-n-propylamine	0.9459 0.9486	1.1666 0.9497	1.1702 0.9340	1.1635	1.0433	Ave		1.0402			0.0500	11.0		15.0			
3 & 4 Methylphenol	1.2376	1.2092	1.4592 1.1663	1.5256	1.3448	Ave		1.3238				11.0		15.0			
4-Methylphenol	1.2368	1.2033	1.4578 1.1613	1.5099	1.3426	Ave		1.3186				11.0		15.0			
Hexachloroethane	0.6243 0.6221	0.6967 0.6047	0.6962 0.5811	0.7292	0.6705	Ave		0.6531				8.0		15.0			
Nitrobenzene	0.5896 0.5611	0.6377 0.5159	0.6479 0.5111	0.6568	0.5949	Ave		0.5894				9.7		15.0			
n,n'-Dimethylaniline	2.4126 1.8690	2.3529 1.7648	2.4311 1.8503	2.2608	2.1269	Ave		2.1336				13.0		15.0			
Isophorone	0.6860	0.6807	0.7729 0.6957	0.7723	0.7062	Ave		0.7190				5.9		15.0			
2-Nitrophenol	0.1925	0.1838	0.1944 0.1813	0.2131	0.1937	Ave		0.1931				5.8		15.0			
2,4-Dimethylphenol	0.3078	0.2938	0.3536 0.2878	0.3629	0.3251	Ave		0.3218				9.7		15.0			
Bis(2-chloroethoxy)methane	0.4206	0.4112	0.4767 0.4069	0.4963	0.4415	Ave		0.4422				8.3		15.0			
2,4-Dichlorophenol	0.2764	0.2588	0.2958 0.2513	0.3223	0.2897	Ave		0.2824				9.2		15.0			
1,2,4-Trichlorobenzene	0.3112 0.3250	0.3657 0.3048	0.3494 0.2981	0.3723	0.3367	Ave		0.3329				8.4		15.0			
Naphthalene	0.9640	0.9199	1.1370 0.8972	1.1720	1.0344	Ave		1.0207				11.0		15.0			
4-Chloroaniline	0.3790	0.3756	0.4466 0.3666	0.4462	0.4063	Ave		0.4034				8.9		15.0			
Hexachlorobutadiene	0.1912	0.2083 0.1817	0.1985 0.1806	0.2152	0.1964	Ave		0.1960				6.6		15.0			
Caprolactam	0.0830	0.0819	0.0842 0.0596	0.0823	0.0771	Ave		0.0780				12.0		15.0			
4-Chloro-3-methylphenol	0.2826	0.2697	0.3085 0.2701	0.3145	0.2934	Ave		0.2898				6.6		15.0			
2-Methylnaphthalene	0.6159	0.5829	0.7224 0.5668	0.7399	0.6489	Ave		0.6461				11.0		15.0			
1-Methylnaphthalene	0.5602	0.5382	0.6651 0.5247	0.6780	0.6061	Ave		0.5954				11.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211764

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:08 Calibration End Date: 03/11/2014 08:06 Calibration ID: 36235

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Hexachlorocyclopentadiene	0.3429	0.3740	0.2795 0.4099	0.3454	0.3471	Ave		0.3498			0.0500	12.0		15.0			
1,2,4,5-Tetrachlorobenzene	0.5405	0.5623	0.5930 0.5998	0.6306	0.5749	Ave		0.5835				5.4		15.0			
2-tertbutyl-4-methylphenol	0.3956	0.3618	0.4632 0.3745	0.4392	0.4226	Ave		0.4095				9.5		15.0			
2,4,6-Trichlorophenol	0.3533	0.3608	0.3681 0.3776	0.3941	0.3699	Ave		0.3706				3.8		15.0			
2,4,5-Trichlorophenol	0.3582	0.3461	0.3860 0.3549	0.4087	0.3652	Ave		0.3698				6.3		15.0			
Diphenyl	1.4451	1.4195	1.7131 1.4823	1.7431	1.5844	Ave		1.5646				8.9		15.0			
2-Chloronaphthalene	1.0935	1.0700	1.2656 1.1016	1.3181	1.1949	Ave		1.1739				8.7		15.0			
Diphenyl ether	0.7598	0.7160	0.8574 0.8018	0.8356	0.8161	Ave		0.7978				6.5		15.0			
2-Nitroaniline	0.3947	0.3947	0.4144 0.4157	0.4443	0.4092	Ave		0.4122				4.4		15.0			
Dimethylnaphthalene, total	0.9271	0.8893	1.0590 0.9716	1.0415	0.9990	Ave		0.9812				6.7		15.0			
Dimethyl phthalate	1.0697	1.0318	1.2635 1.0704	1.2962	1.1608	Ave		1.1487				9.6		15.0			
Coumarin	0.1657	0.1481	0.2075 0.1517	0.1879	0.1835	Ave		0.1741				13.0		15.0			
2,6-Dinitrotoluene	0.2647	0.2658 0.2638	0.2806 0.2603	0.2917	0.2736	Ave		0.2715				4.1		15.0			
Acenaphthylene	1.6115	1.5668	1.8550 1.6086	1.8993	1.7392	Ave		1.7134				8.2		15.0			
3-Nitroaniline	0.2841	0.2800	0.3060 0.2863	0.3236	0.3078	QuaF		0.2849	0						0.9990		0.9900
Acenaphthene	0.9561	0.9624	1.1675 0.9926	1.1872	1.0387	Ave		1.0507				9.8		15.0			
3,5-di-tert-butyl-4-hydroxytol	0.9329	0.9345	1.0934 1.0205	1.0997	1.0326	Ave		1.0189				7.2		15.0			
2,4-Dinitrophenol	0.1313	0.1435	0.0598 0.1472	0.0985	0.1208	Lin2	-0.879	0.1455			0.0500				0.9990		0.9900
2,4-Dinitrotoluene	0.2976	0.2559 0.2821	0.3244 0.2932	0.3446	0.3206	Ave		0.3026				9.8		15.0			
Dibenzofuran	1.2791	1.2958	1.5924 1.3461	1.6108	1.4267	Ave		1.4251				10.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211764

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:08 Calibration End Date: 03/11/2014 08:06 Calibration ID: 36235

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
4-Nitrophenol	0.2060	0.2081	0.1980 0.2067	0.2224	0.2203	Ave		0.2102			0.0500	4.4		15.0			
2,3,4,6-Tetrachlorophenol	0.2717	0.2786	0.2622 0.2807	0.2877	0.2803	Ave		0.2769				3.2		15.0			
Diethyl phthalate	1.0432	0.9877	1.1458 0.9287	1.1951	1.1013	Ave		1.0670				9.4		15.0			
Fluorene	1.0627	1.0537	1.2643 1.0864	1.2774	1.1456	Ave		1.1484				8.7		15.0			
4-Chlorophenyl phenyl ether	0.5121	0.5169	0.6274 0.5352	0.6414	0.5718	Ave		0.5675				9.9		15.0			
4-Nitroaniline	0.2227	0.2172	0.2318 0.1969	0.2598	0.2442	Ave		0.2288				9.6		15.0			
4,6-Dinitro-2-methylphenol	0.1280	0.1308	0.0940 0.1327	0.1222	0.1246	Ave		0.1220				12.0		15.0			
N-Nitrosodiphenylamine	0.5605	0.5504	0.5886 0.5758	0.5718	0.5960	Ave		0.5739				3.0		15.0			
1,2-Diphenylhydrazine	0.9895	0.9907	1.0469 0.9699	1.1010	1.0350	Ave		1.0222				4.7		15.0			
4-Bromophenyl phenyl ether	0.2363	0.2436	0.2289 0.2483	0.2448	0.2364	Ave		0.2397				3.0		15.0			
Hexachlorobenzene	0.2011 0.2535	0.2237 0.2581	0.2408 0.2586	0.2632	0.2513	Ave		0.2438				8.8		15.0			
Atrazine	0.1868	0.1889	0.2001 0.1876	0.2125	0.2121	Ave		0.1980				6.1		15.0			
Pentachlorophenol	0.1332	0.1394	0.1076 0.1461	0.1314	0.1328	Ave		0.1317				9.9		15.0			
Pentachloronitrobenzene	0.1001	0.0952	0.0994 0.0983	0.1013	0.1043	Ave		0.0998				3.0		15.0			
n-Octadecane	0.6747	0.6439	0.7751 0.6305	0.8298	0.7661	Ave		0.7200				11.0		15.0			
Phenanthrene	1.0309	1.0192	1.1002 1.0061	1.1680	1.0789	Ave		1.0672				5.7		15.0			
Anthracene	1.0527	1.0361	1.1769 1.0098	1.1630	1.0829	Ave		1.0869				6.3		15.0			
Carbazole	0.8408	0.8062	0.9331 0.7922	0.9649	0.8923	Ave		0.8716				8.0		15.0			
Di-n-butyl phthalate	1.0417	1.0187	1.0957 0.9919	1.1843	1.1053	Ave		1.0729				6.5		15.0			
Fluoranthene	0.8938	0.8673	0.9690 0.8617	1.0320	0.9412	Ave		0.9275				7.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211764

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:08 Calibration End Date: 03/11/2014 08:06 Calibration ID: 36235

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Benzidine	0.2303	0.2592	0.2940 0.2604	0.3303	0.2990	Ave		0.2789				13.0		15.0			
Pyrene	1.6272	1.6020	1.6928 1.5873	1.6960	1.7003	Ave		1.6509				3.1		15.0			
Butyl benzyl phthalate	0.6112	0.6111	0.5859 0.6017	0.6198	0.6365	Ave		0.6110				2.8		15.0			
2,3,7,8-TCDD (Screen)	0.1444					Ave		0.1444						15.0			
Carbamazepine	0.3709	0.3874	0.2247 0.4373	0.2690	0.3257	Lin2	-0.984	0.3999							0.9910		0.9900
3,3'-Dichlorobenzidine	0.3617	0.3686	0.3049 0.4006	0.3405	0.3737	Ave		0.3583				9.1		15.0			
Benzo[a]anthracene	1.0923 1.0756	1.0776 1.0913	1.0830 1.1098	1.1289	1.0913	Ave		1.0937				1.6		15.0			
Chrysene	0.9915	0.9819	0.9727 0.9869	1.0271	0.9712	Ave		0.9886				2.1		15.0			
Bis(2-ethylhexyl) phthalate	0.8020	0.8013	0.7230 0.7776	0.8050	0.8155	Ave		0.7874				4.3		15.0			
Di-n-octyl phthalate	1.6922	1.6908	1.4074 1.6724	1.7058	1.7332	Ave		1.6503				7.3		15.0			
Benzo[b]fluoranthene	0.8016 1.2412	0.8919 1.1698	1.0545 1.2763	1.2090	1.1569	Lin2	-0.220	1.1934							0.9960		0.9900
Benzo[k]fluoranthene	0.9042 1.2501	1.1432 1.2960	1.2016 1.2318	1.2824	1.2356	Ave		1.1931				11.0		15.0			
Benzo[a]pyrene	0.6215 1.0596	0.7620 1.0795	0.9255 1.1142	1.0434	0.9981	Lin2	-0.231	1.0483							0.9970		0.9900
Indeno[1,2,3-cd]pyrene	0.5471 0.8626	0.5945 0.9112	0.5809 0.9783	0.6376	0.6733	QuaF		0.7407	0.0020						0.9990		0.9900
Dibenz(a,h)anthracene	0.4151 0.8867	0.5165 0.9178	0.6353 0.9528	0.7423	0.7791	Lin1	-0.438	0.9162							0.9960		0.9900
Benzo[g,h,i]perylene	0.9254	0.9566	0.7111 0.9880	0.7595	0.8023	Ave		0.8571				13.0		15.0			
2-Fluorophenol	1.5165	1.4651	1.5849 1.4042	1.6408	1.5594	Ave		1.5285				5.6		15.0			
Phenol-d5	1.7808	1.7101	2.1020 1.5737	2.0475	1.8689	Ave		1.8472				11.0		15.0			
Nitrobenzene-d5	0.4140 0.4435	0.4198 0.4166	0.4679 0.3947	0.4740	0.4433	Ave		0.4342				6.4		15.0			
2-Fluorobiphenyl	1.3832 1.2834	1.4112 1.2678	1.4879 1.2786	1.4791	1.3726	Ave		1.3705				6.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211764

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:08 Calibration End Date: 03/11/2014 08:06 Calibration ID: 36235

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2,4,6-Tribromophenol	0.1714	0.1780	0.1584 0.1759	0.1666	0.1604	Ave		0.1684				4.8		15.0			
Terphenyl-d14	0.9963 1.1677	0.9557 1.1842	1.1775 1.1154	1.1567	1.1801	QuaF		1.2377	-0.001						1.0000		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211764

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:08 Calibration End Date: 03/11/2014 08:06 Calibration ID: 36235

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-211764/9	x9286.D
Level 2	STD1 460-211764/8	x9285.D
Level 3	STD5 460-211764/7	x9284.D
Level 4	STD10 460-211764/6	x9283.D
Level 5	STD20 460-211764/5	x9282.D
Level 6	ICIS 460-211764/2	x9279.D
Level 7	STD80 460-211764/4	x9281.D
Level 8	STD120 460-211764/3	x9280.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	278280	414452	33959 588637	66625	123154	50.0	80.0	5.00 120	10.0	20.0
N-Nitrosodimethylamine	DCB	Ave	394288	596998	48685 840433	96703	178998	50.0	80.0	5.00 120	10.0	20.0
Pyridine	DCB	Ave	638398	955487	81836 1326976	163593	305799	50.0	80.0	5.00 120	10.0	20.0
Aniline	DCB	Ave	893670	1414040	123729 1986988	231225	420573	50.0	80.0	5.00 120	10.0	20.0
Phenol	DCB	Ave	686571	1061921	107124 1396225	206697	347896	50.0	80.0	5.00 120	10.0	20.0
Bis(2-chloroethyl)ether	DCB	Ave	7255 594915	17022 899749	85778 1252306	160804	283402	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
2-Chlorophenol	DCB	Ave	573592	844042	77975 1177285	152291	276604	50.0	80.0	5.00 120	10.0	20.0
Decane	DCB	Qua	698539	937352	116591 1201474	219714	379605	50.0	80.0	5.00 120	10.0	20.0
1,3-Dichlorobenzene	DCB	Ave	616589	896232	86549 1249524	167490	304772	50.0	80.0	5.00 120	10.0	20.0
1,4-Dichlorobenzene	DCB	Ave	586983	870761	85545 1206009	163744	296569	50.0	80.0	5.00 120	10.0	20.0
Benzyl alcohol	DCB	Ave	336562	523584	49888 749899	93406	170626	50.0	80.0	5.00 120	10.0	20.0
1,2-Dichlorobenzene	DCB	Ave	523454	782805	81535 1102532	155085	277275	50.0	80.0	5.00 120	10.0	20.0
2,2'-oxybis[1-chloropropane]	DCB	QuaF	952350	1340141	140878 1739657	267530	480129	50.0	80.0	5.00 120	10.0	20.0
2-Methylphenol	DCB	Ave	497502	767798	71592 1043977	133334	246251	50.0	80.0	5.00 120	10.0	20.0
Acetophenone	DCB	Ave	662272	1024185	100174 1410981	188111	330875	50.0	80.0	5.00 120	10.0	20.0

FORM VI

GC/MS SEMI VOA INITIAL CALIBRATION DATA

INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211764

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:08 Calibration End Date: 03/11/2014 08:06 Calibration ID: 36235

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
N-Nitrosodi-n-propylamine	DCB	Ave	4635 377814	11681 580755	57334 800308	105093	189990	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
3 & 4 Methylphenol	DCB	Ave	 492931	 739440	71492 999367	137791	244889	 50.0	 80.0	5.00 120	10.0	20.0
4-Methylphenol	DCB	Ave	 492624	 735842	71422 995138	136381	244490	 50.0	 80.0	5.00 120	10.0	20.0
Hexachloroethane	DCB	Ave	3059 247794	6976 369769	34108 497975	65861	122108	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Nitrobenzene	NPT	Ave	10881 793377	23867 1158261	119810 1616162	217953	397755	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
n,n'-Dimethylaniline	DCB	Ave	11822 744409	23559 1079216	119109 1585478	204201	387327	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Isophorone	NPT	Ave	 969941	 1528314	142912 2199940	256292	472177	 50.0	 80.0	5.00 120	10.0	20.0
2-Nitrophenol	NPT	Ave	 272160	 412708	35948 573349	70716	129506	 50.0	 80.0	5.00 120	10.0	20.0
2,4-Dimethylphenol	NPT	Ave	 435284	 659534	65385 910157	120444	217336	 50.0	 80.0	5.00 120	10.0	20.0
Bis(2-chloroethoxy)methane	NPT	Ave	 594702	 923133	88147 1286764	164703	295174	 50.0	 80.0	5.00 120	10.0	20.0
2,4-Dichlorophenol	NPT	Ave	 390821	 580981	54700 794705	106962	193703	 50.0	 80.0	5.00 120	10.0	20.0
1,2,4-Trichlorobenzene	NPT	Ave	5744 459546	13689 684201	64608 942559	123547	225128	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Naphthalene	NPT	Ave	 1363065	 2065162	210243 2837264	388950	691578	 50.0	 80.0	5.00 120	10.0	20.0
4-Chloroaniline	NPT	Ave	 535874	 843344	82587 1159285	148070	271636	 50.0	 80.0	5.00 120	10.0	20.0
Hexachlorobutadiene	NPT	Ave	 270297	7796 407933	36708 571246	71418	131292	 50.0	1.00 80.0	5.00 120	10.0	20.0
Caprolactam	NPT	Ave	 117301	 183885	15564 188557	27326	51526	 50.0	 80.0	5.00 120	10.0	20.0
4-Chloro-3-methylphenol	NPT	Ave	 399550	 605397	57040 854222	104375	196141	 50.0	 80.0	5.00 120	10.0	20.0
2-Methylnaphthalene	NPT	Ave	 870834	 1308607	133571 1792486	245536	433857	 50.0	 80.0	5.00 120	10.0	20.0
1-Methylnaphthalene	NPT	Ave	 792162	 1208369	122990 1659123	224992	405252	 50.0	 80.0	5.00 120	10.0	20.0
Hexachlorocyclopentadiene	ANT	Ave	 232211	 386860	25985 565595	55931	111792	 50.0	 80.0	5.00 120	10.0	20.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	 366067	 581639	55134 827590	102102	185181	 50.0	 80.0	5.00 120	10.0	20.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211764

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:08 Calibration End Date: 03/11/2014 08:06 Calibration ID: 36235

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-tertbutyl-4-methylphenol	NPT	Ave	559340	812302	85646 1184325	145771	282534	50.0	80.0	5.00 120	10.0	20.0
2,4,6-Trichlorophenol	ANT	Ave	239274	373222	34219 521053	63811	119147	50.0	80.0	5.00 120	10.0	20.0
2,4,5-Trichlorophenol	ANT	Ave	242583	357980	35887 489641	66167	117630	50.0	80.0	5.00 120	10.0	20.0
Diphenyl	ANT	Ave	978691	1468293	159272 2045280	282227	510323	50.0	80.0	5.00 120	10.0	20.0
2-Chloronaphthalene	ANT	Ave	740518	1106751	117663 1520031	213422	384869	50.0	80.0	5.00 120	10.0	20.0
Diphenyl ether	ANT	Ave	514578	740634	79712 1106393	135288	262868	50.0	80.0	5.00 120	10.0	20.0
2-Nitroaniline	ANT	Ave	267335	408243	38531 573588	71934	131802	50.0	80.0	5.00 120	10.0	20.0
Dimethylnaphthalene, total	ANT	Ave	627834	919878	98460 1340650	168631	321758	50.0	80.0	5.00 120	10.0	20.0
Dimethyl phthalate	ANT	Ave	724421	1067200	117473 1476913	209862	373883	50.0	80.0	5.00 120	10.0	20.0
Coumarin	NPT	Ave	234312	332406	38370 479644	62369	122715	50.0	80.0	5.00 120	10.0	20.0
2,6-Dinitrotoluene	ANT	Ave	179233	5153 272887	26091 359185	47234	88124	50.0	1.00 80.0	5.00 120	10.0	20.0
Acenaphthylene	ANT	Ave	1091370	1620619	172468 2219665	307515	560167	50.0	80.0	5.00 120	10.0	20.0
3-Nitroaniline	ANT	QuaF	192420	289614	28453 395097	52401	99146	50.0	80.0	5.00 120	10.0	20.0
Acenaphthene	ANT	Ave	647487	995446	108547 1369573	192225	334554	50.0	80.0	5.00 120	10.0	20.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	631758	966556	101654 1408145	178049	332577	50.0	80.0	5.00 120	10.0	20.0
2,4-Dinitrophenol	ANT	Lin2	177802	296959	11126 406159	31904	77790	100	160	10.0 240	20.0	40.0
2,4-Dinitrotoluene	ANT	Ave	201511	4962 291829	30161 404556	55801	103253	50.0	1.00 80.0	5.00 120	10.0	20.0
Dibenzofuran	ANT	Ave	866219	1340282	148048 1857463	260804	459528	50.0	80.0	5.00 120	10.0	20.0
4-Nitrophenol	ANT	Ave	278981	430586	36809 570470	72008	141898	100	160	10.0 240	20.0	40.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	183996	288197	24381 387253	46587	90283	50.0	80.0	5.00 120	10.0	20.0
Diethyl phthalate	ANT	Ave	706482	1021634	106527 1281522	193500	354711	50.0	80.0	5.00 120	10.0	20.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211764

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:08 Calibration End Date: 03/11/2014 08:06 Calibration ID: 36235

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Fluorene	ANT	Ave	719716	1089883	117544 1499106	206818	368995	50.0	80.0	5.00 120	10.0	20.0
4-Chlorophenyl phenyl ether	ANT	Ave	346798	534692	58333 738434	103845	184171	50.0	80.0	5.00 120	10.0	20.0
4-Nitroaniline	ANT	Ave	150813	224633	21551 271687	42069	78655	50.0	80.0	5.00 120	10.0	20.0
4,6-Dinitro-2-methylphenol	PHN	Ave	229301	349596	24684 478776	54656	109002	100	160	10.0 240	20.0	40.0
N-Nitrosodiphenylamine	PHN	Ave	502173	735584	77270 1039080	127842	260747	50.0	80.0	5.00 120	10.0	20.0
1,2-Diphenylhydrazine	PHN	Ave	886449	1324123	137433 1750113	246145	452858	50.0	80.0	5.00 120	10.0	20.0
4-Bromophenyl phenyl ether	PHN	Ave	211739	325580	30046 448083	54737	103452	50.0	80.0	5.00 120	10.0	20.0
Hexachlorobenzene	PHN	Ave	2641 227075	6156 345004	31604 466560	58834	109942	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Atrazine	PHN	Ave	167357	252504	26266 338447	47511	92784	50.0	80.0	5.00 120	10.0	20.0
Pentachlorophenol	PHN	Ave	238586	372730	28238 527425	58736	116210	100	160	10.0 240	20.0	40.0
Pentachloronitrobenzene	PHN	Ave	89657	127237	13054 177310	22646	45613	50.0	80.0	5.00 120	10.0	20.0
n-Octadecane	PHN	Ave	604443	860640	101753 1137778	185517	335197	50.0	80.0	5.00 120	10.0	20.0
Phenanthrene	PHN	Ave	923580	1362207	144423 1815402	261113	472033	50.0	80.0	5.00 120	10.0	20.0
Anthracene	PHN	Ave	943100	1384728	154491 1822207	260011	473794	50.0	80.0	5.00 120	10.0	20.0
Carbazole	PHN	Ave	753267	1077478	122492 1429481	215724	390420	50.0	80.0	5.00 120	10.0	20.0
Di-n-butyl phthalate	PHN	Ave	933220	1361469	143833 1789850	264773	483622	50.0	80.0	5.00 120	10.0	20.0
Fluoranthene	PHN	Ave	800733	1159120	127209 1554966	230723	411791	50.0	80.0	5.00 120	10.0	20.0
Benzidine	PHN	Ave	206336	346387	38588 469917	73843	130826	50.0	80.0	5.00 120	10.0	20.0
Pyrene	CRY	Ave	781915	1119616	124716 1507210	231275	405683	50.0	80.0	5.00 120	10.0	20.0
Butyl benzyl phthalate	CRY	Ave	293703	427101	43166 571371	84522	151858	50.0	80.0	5.00 120	10.0	20.0
2,3,7,8-TCDD (Screen)	CRY	Ave	694					0.500				

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211764

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:08 Calibration End Date: 03/11/2014 08:06 Calibration ID: 36235

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Carbamazepine	CRY	Lin2			16557	36679	77720			5.00	10.0	20.0
			178215	270748	415209			50.0	80.0	120		
3,3'-Dichlorobenzidine	CRY	Ave			22464	46437	89165			5.00	10.0	20.0
			173797	257603	380420			50.0	80.0	120		
Benzo[a]anthracene	CRY	Ave	8933	19735	79793	153948	260374	0.500	1.00	5.00	10.0	20.0
			516850	762710	1053796			50.0	80.0	120		
Chrysene	CRY	Ave			71667	140066	231724			5.00	10.0	20.0
			476418	686262	937112			50.0	80.0	120		
Bis(2-ethylhexyl) phthalate	CRY	Ave			53267	109772	194577			5.00	10.0	20.0
			385380	560042	738339			50.0	80.0	120		
Di-n-octyl phthalate	PRY	Ave			64381	146808	268435			5.00	10.0	20.0
			559385	841684	1195188			50.0	80.0	120		
Benzo[b]fluoranthene	PRY	Lin2	4038	10082	48237	104053	179171	0.500	1.00	5.00	10.0	20.0
			410293	582301	912100			50.0	80.0	120		
Benzo[k]fluoranthene	PRY	Ave	4555	12923	54970	110370	191367	0.500	1.00	5.00	10.0	20.0
			413233	645151	880354			50.0	80.0	120		
Benzo[a]pyrene	PRY	Lin2	3131	8614	42336	89801	154586	0.500	1.00	5.00	10.0	20.0
			350257	537380	796301			50.0	80.0	120		
Indeno[1,2,3-cd]pyrene	PRY	QuaF	2756	6720	26572	54876	104273	0.500	1.00	5.00	10.0	20.0
			285156	453577	699159			50.0	80.0	120		
Dibenz(a,h)anthracene	PRY	Lin1	2091	5839	29060	63885	120663	0.500	1.00	5.00	10.0	20.0
			293103	456873	680941			50.0	80.0	120		
Benzo[g,h,i]perylene	PRY	Ave			32528	65365	124252			5.00	10.0	20.0
			305905	476201	706113			50.0	80.0	120		
2-Fluorophenol	DCB	Ave			77648	148200	283974			5.00	10.0	20.0
			604025	895950	1203222			50.0	80.0	120		
Phenol-d5	DCB	Ave			102983	184930	340341			5.00	10.0	20.0
			709260	1045771	1348534			50.0	80.0	120		
Nitrobenzene-d5	NPT	Ave	7641	15711	86524	157316	296414	0.500	1.00	5.00	10.0	20.0
			627106	935284	1248067			50.0	80.0	120		
2-Fluorobiphenyl	ANT	Ave	12711	27364	138334	239478	442105	0.500	1.00	5.00	10.0	20.0
			869136	1311356	1764213			50.0	80.0	120		
2,4,6-Tribromophenol	ANT	Ave			14723	26978	51660			5.00	10.0	20.0
			116050	184122	242670			50.0	80.0	120		
Terphenyl-d14	CRY	QuaF	8148	17503	86755	157728	281566	0.500	1.00	5.00	10.0	20.0
			561084	827612	1059046			50.0	80.0	120		

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211764

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 05:08 Calibration End Date: 03/11/2014 08:06 Calibration ID: 36235

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211764

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 08:30 Calibration End Date: 03/11/2014 10:31 Calibration ID: 36240

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD5 460-211764/15	x9292.D
Level 2	STD10 460-211764/14	x9291.D
Level 3	STD20 460-211764/13	x9290.D
Level 4	STD50 460-211764/10	x9287.D
Level 5	STD80 460-211764/12	x9289.D
Level 6	STD120 460-211764/11	x9288.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzaldehyde	1.3432 1.1733	1.3861	1.3524	1.2602	1.1982	Ave		1.2856				6.9		15.0			
Benzoic acid	0.0673 0.1923	0.0950	0.1374	0.1570	0.1788	Lin1	-0.792	0.1895							0.9950		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211764

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2014 08:30 Calibration End Date: 03/11/2014 10:31 Calibration ID: 36240

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD5 460-211764/15	x9292.D
Level 2	STD10 460-211764/14	x9291.D
Level 3	STD20 460-211764/13	x9290.D
Level 4	STD50 460-211764/10	x9287.D
Level 5	STD80 460-211764/12	x9289.D
Level 6	STD120 460-211764/11	x9288.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Benzaldehyde	DCB	Ave	66841 1404485	140234	274788	648704	983401	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	Lin1	12447 853067	35979	104286	299818	541531	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212257/2 Calibration Date: 03/13/2014 01:37

Instrument ID: CBNAMS11 Calib Start Date: 03/04/2014 01:38

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/04/2014 04:27

Lab File ID: z8774.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5374	0.5668		52700	50000	5.5	20.0
N-Nitrosodimethylamine	Ave	0.7743	0.7588		49000	50000	-2.0	20.0
Pyridine	Ave	1.308	1.301		49700	50000	-0.6	20.0
Aniline	Ave	1.670	1.566		46900	50000	-6.2	20.0
Phenol	Ave	1.599	1.431		44800	50000	-10.5	20.0
Bis(2-chloroethyl)ether	Ave	1.187	1.260		53100	50000	6.2	20.0
2-Chlorophenol	Ave	1.243	1.236		49700	50000	-0.6	20.0
Decane	Ave	1.206	1.346		55800	50000	11.6	20.0
1,3-Dichlorobenzene	Ave	1.460	1.455		49800	50000	-0.3	20.0
1,4-Dichlorobenzene	Ave	1.524	1.513		49600	50000	-0.7	20.0
1,2-Dichlorobenzene	Ave	1.419	1.417		49900	50000	-0.2	20.0
Benzyl alcohol	Ave	0.6788	0.6646		49000	50000	-2.1	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.149	1.207		52500	50000	5.0	20.0
2-Methylphenol	Ave	0.9932	0.9578		48200	50000	-3.6	20.0
Acetophenone	Ave	1.490	1.443		48400	50000	-3.2	20.0
N-Nitrosodi-n-propylamine	Ave	0.7148	0.7219	0.0500	50500	50000	1.0	20.0
3 & 4 Methylphenol	Ave	1.033	0.9488		45900	50000	-8.1	20.0
4-Methylphenol	Ave	1.030	0.9331		45300	50000	-9.4	20.0
Hexachloroethane	Ave	0.5448	0.5643		51800	50000	3.6	20.0
Nitrobenzene	Lin2		0.5559		51000	50000	2.0	20.0
n,n'-Dimethylaniline	Ave	1.802	1.811		50200	50000	0.5	20.0
Isophorone	Ave	0.5093	0.5158		50600	50000	1.3	20.0
2-Nitrophenol	Ave	0.1697	0.1687		49700	50000	-0.6	20.0
2,4-Dimethylphenol	Ave	0.2643	0.2684		50800	50000	1.5	20.0
Bis(2-chloroethoxy)methane	Ave	0.3304	0.3389		51300	50000	2.6	20.0
2,4-Dichlorophenol	Ave	0.2555	0.2611		51100	50000	2.2	20.0
1,2,4-Trichlorobenzene	Ave	0.3133	0.3430		54700	50000	9.5	20.0
Naphthalene	Ave	0.9817	0.9841		50100	50000	0.2	20.0
4-Chloroaniline	Ave	0.3256	0.3181		48900	50000	-2.3	20.0
Hexachlorobutadiene	Ave	0.1961	0.2140		54600	50000	9.1	20.0
Caprolactam	Ave	0.0453	0.0366		40400	50000	-19.2	20.0
4-Chloro-3-methylphenol	Ave	0.2058	0.2186		53100	50000	6.2	20.0
2-Methylnaphthalene	Ave	0.6233	0.6216		49900	50000	-0.3	20.0
1-Methylnaphthalene	Ave	0.5578	0.5579		50000	50000	0.0	20.0
Hexachlorocyclopentadiene	Lin1		0.4552	0.0500	48000	50000	-4.1	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6801	0.6860		50400	50000	0.9	20.0
2-tertbutyl-4-methylphenol	Ave	0.3868	0.3825		49400	50000	-1.1	20.0
2,4,6-Trichlorophenol	Ave	0.3617	0.3609		49900	50000	-0.2	20.0
2,4,5-Trichlorophenol	Ave	0.3543	0.3769		53200	50000	6.4	20.0
Diphenyl	Ave	1.649	1.600		48500	50000	-3.0	20.0
2-Chloronaphthalene	Ave	1.219	1.218		50000	50000	-0.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212257/2 Calibration Date: 03/13/2014 01:37

Instrument ID: CBNAMS11 Calib Start Date: 03/04/2014 01:38

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/04/2014 04:27

Lab File ID: z8774.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl ether	Ave	0.8379	0.8245		49200	50000	-1.6	20.0
2-Nitroaniline	Ave	0.2760	0.2863		51900	50000	3.7	20.0
Dimethylnaphthalene, total	Ave	0.9810	0.9817		50000	50000	0.0	20.0
Coumarin	Ave	0.1228	0.1398		56900	50000	13.9	20.0
Dimethyl phthalate	Ave	0.996	1.031		51800	50000	3.5	20.0
2,6-Dinitrotoluene	Ave	0.2133	0.2360		55300	50000	10.7	20.0
Acenaphthylene	Ave	1.630	1.593		48900	50000	-2.3	20.0
3-Nitroaniline	Ave	0.2129	0.2206		51800	50000	3.6	20.0
Acenaphthene	Ave	1.069	0.998		46700	50000	-6.6	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.105	1.118		50600	50000	1.2	20.0
2,4-Dinitrophenol	Qua		0.0910	0.0500	87300	100000	-12.7	20.0
Dibenzofuran	Ave	1.453	1.462		50300	50000	0.7	20.0
2,4-Dinitrotoluene	Lin2		0.2896		54300	50000	8.5	20.0
4-Nitrophenol	Lin1		0.1392	0.0500	93300	100000	-6.7	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2442	0.2689		55100	50000	10.1	20.0
Diethyl phthalate	Ave	0.8977	0.9265		51600	50000	3.2	20.0
Fluorene	Ave	1.113	1.097		49200	50000	-1.5	20.0
4-Chlorophenyl phenyl ether	Ave	0.5703	0.5932		52000	50000	4.0	20.0
4-Nitroaniline	Lin2		0.1431		46300	50000	-7.4	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1128		87200	100000	-12.8	20.0
N-Nitrosodiphenylamine	Ave	0.5847	0.5672		48500	50000	-3.0	20.0
1,2-Diphenylhydrazine	Ave	0.9610	0.9407		48900	50000	-2.1	20.0
4-Bromophenyl phenyl ether	Ave	0.2758	0.2711		49100	50000	-1.7	20.0
Hexachlorobenzene	Ave	0.2578	0.2865		55600	50000	11.1	20.0
Atrazine	Ave	0.1801	0.1794		49800	50000	-0.4	20.0
Pentachloronitrobenzene	Ave	0.1038	0.1081		52000	50000	4.1	
Pentachlorophenol	Lin2		0.1415		96800	100000	-3.2	20.0
n-Octadecane	Ave	0.5659	0.5795		51200	50000	2.4	20.0
Phenanthrene	Ave	1.071	1.016		47400	50000	-5.2	20.0
Anthracene	Ave	1.069	1.024		47900	50000	-4.2	20.0
Carbazole	Ave	0.7470	0.7005		46900	50000	-6.2	20.0
Di-n-butyl phthalate	Ave	0.9306	0.9197		49400	50000	-1.2	20.0
Fluoranthene	Ave	0.8458	0.8636		51100	50000	2.1	20.0
Benzidine	QuaF		0.1208		33500	50000	-33.0*	20.0
Pyrene	Ave	1.451	1.428		49200	50000	-1.6	20.0
Butyl benzyl phthalate	Ave	0.4768	0.4481		47000	50000	-6.0	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1060	0.1544		728	500	45.6*	20.0
Carbamazepine	Lin1		0.2582		39000	50000	-22.0*	20.0
3,3'-Dichlorobenzidine	Lin2		0.3039		42600	50000	-14.9	20.0
Benzo[a]anthracene	Ave	1.036	1.036		50000	50000	0.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212257/2 Calibration Date: 03/13/2014 01:37

Instrument ID: CBNAMS11 Calib Start Date: 03/04/2014 01:38

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/04/2014 04:27

Lab File ID: z8774.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chrysene	Ave	0.9306	0.9038		48600	50000	-2.9	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.6137	0.5379		43800	50000	-12.3	20.0
Di-n-octyl phthalate	Ave	1.277	1.155		45200	50000	-9.5	20.0
Benzo[b]fluoranthene	Ave	1.116	1.212		54300	50000	8.6	20.0
Benzo[k]fluoranthene	Ave	1.181	1.227		51900	50000	3.9	20.0
Benzo[a]pyrene	Lin2		1.086		51300	50000	2.7	20.0
Indeno[1,2,3-cd]pyrene	Lin2		1.017		54400	50000	8.9	20.0
Dibenz(a,h)anthracene	Lin2		1.050		54900	50000	9.8	20.0
Benzo[g,h,i]perylene	Ave	0.9527	1.032		54200	50000	8.3	20.0
2-Fluorophenol	Ave	1.281	1.337		52200	50000	4.4	20.0
Phenol-d5	Ave	1.465	1.371		46800	50000	-6.4	20.0
Nitrobenzene-d5	Ave	0.3512	0.3745		53300	50000	6.7	20.0
2-Fluorobiphenyl	Ave	1.434	1.469		51200	50000	2.4	20.0
2,4,6-Tribromophenol	Ave	0.1310	0.1594		60800	50000	21.7*	20.0
Terphenyl-d14	Ave	1.030	1.115		54100	50000	8.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212257/3 Calibration Date: 03/13/2014 02:05

Instrument ID: CBNAMS11 Calib Start Date: 03/04/2014 04:50

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/04/2014 06:43

Lab File ID: z8775.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	0.998	1.013		50700	50000	1.4	20.0
Benzoic acid	Lin1		0.0553		31400	50000	-37.3*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-211927/2 Calibration Date: 03/11/2014 16:23

Instrument ID: CBNAMS12 Calib Start Date: 03/05/2014 18:19

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/05/2014 21:10

Lab File ID: L1147859.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4566	0.4397		48100	50000	-3.7	20.0
N-Nitrosodimethylamine	Ave	0.5898	0.5635		47800	50000	-4.5	20.0
Pyridine	Ave	1.019	1.110		54500	50000	9.0	20.0
Aniline	Ave	1.663	1.623		48800	50000	-2.4	20.0
Phenol	Ave	1.461	1.432		49000	50000	-2.0	20.0
Bis(2-chloroethyl)ether	Ave	1.061	1.051		49500	50000	-0.9	20.0
2-Chlorophenol	Ave	1.268	1.256		49500	50000	-1.0	20.0
Decane	Ave	1.916	1.878		49000	50000	-2.0	20.0
1,3-Dichlorobenzene	Ave	1.497	1.473		49200	50000	-1.6	20.0
1,4-Dichlorobenzene	Ave	1.516	1.493		49200	50000	-1.5	20.0
Benzyl alcohol	Ave	0.6944	0.6515		46900	50000	-6.2	20.0
1,2-Dichlorobenzene	Ave	1.411	1.399		49600	50000	-0.8	20.0
2-Methylphenol	Ave	1.011	0.9801		48500	50000	-3.0	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.184	2.087		47800	50000	-4.5	20.0
Acetophenone	Ave	1.506	1.459		48400	50000	-3.2	20.0
N-Nitrosodi-n-propylamine	Lin2		0.6950	0.0500	46500	50000	-6.9	20.0
3 & 4 Methylphenol	Ave	1.010	0.9703		48000	50000	-3.9	20.0
4-Methylphenol	Ave	0.998	0.9687		48500	50000	-2.9	20.0
Hexachloroethane	Ave	0.5690	0.5884		51700	50000	3.4	20.0
Nitrobenzene	Ave	0.4329	0.4432		51200	50000	2.4	20.0
n,n'-Dimethylaniline	Ave	1.791	1.803		50300	50000	0.6	20.0
Isophorone	Ave	0.4874	0.4696		48200	50000	-3.7	20.0
2-Nitrophenol	Ave	0.1765	0.1805		51100	50000	2.3	20.0
2,4-Dimethylphenol	Ave	0.2684	0.2625		48900	50000	-2.2	20.0
Bis(2-chloroethoxy)methane	Ave	0.3275	0.3230		49300	50000	-1.4	20.0
2,4-Dichlorophenol	Ave	0.2533	0.2547		50300	50000	0.5	20.0
1,2,4-Trichlorobenzene	Ave	0.3151	0.3243		51500	50000	2.9	20.0
Naphthalene	Ave	0.9391	0.9200		49000	50000	-2.0	20.0
4-Chloroaniline	Ave	0.3619	0.3712		51300	50000	2.6	20.0
Hexachlorobutadiene	Ave	0.1929	0.1959		50800	50000	1.5	20.0
Caprolactam	Lin2		0.0314		27700	50000	-44.5*	20.0
4-Chloro-3-methylphenol	Ave	0.2171	0.2194		50500	50000	1.1	20.0
2-Methylnaphthalene	Ave	0.6105	0.6100		50000	50000	-0.0	20.0
1-Methylnaphthalene	Ave	0.5636	0.5649		50100	50000	0.2	20.0
Hexachlorocyclopentadiene	Qua		0.2220	0.0500	51300	50000	2.6	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6024	0.6064		50300	50000	0.7	20.0
2-tertbutyl-4-methylphenol	Ave	0.3814	0.3886		50900	50000	1.9	20.0
2,4,6-Trichlorophenol	Ave	0.3515	0.3603		51200	50000	2.5	20.0
2,4,5-Trichlorophenol	Ave	0.3559	0.3645		51200	50000	2.4	20.0
Diphenyl	Ave	1.479	1.448		48900	50000	-2.1	20.0
2-Chloronaphthalene	Ave	1.157	1.139		49300	50000	-1.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-211927/2 Calibration Date: 03/11/2014 16:23

Instrument ID: CBNAMS12 Calib Start Date: 03/05/2014 18:19

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/05/2014 21:10

Lab File ID: L1147859.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl ether	Ave	0.7600	0.7554		49700	50000	-0.6	20.0
2-Nitroaniline	Ave	0.2962	0.3064		51700	50000	3.5	20.0
Dimethylnaphthalene, total	Ave	0.9191	0.9162		49800	50000	-0.3	20.0
Dimethyl phthalate	Ave	1.133	1.123		49600	50000	-0.9	20.0
Coumarin	Ave	0.1702	0.1802		52900	50000	5.9	20.0
2,6-Dinitrotoluene	Ave	0.2599	0.2638		50800	50000	1.5	20.0
Acenaphthylene	Ave	1.699	1.676		49300	50000	-1.3	20.0
3-Nitroaniline	Ave	0.2759	0.2965		53700	50000	7.4	20.0
Acenaphthene	Ave	1.040	1.014		48800	50000	-2.5	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9349	0.9801		52400	50000	4.8	20.0
2,4-Dinitrophenol	Qua		0.1048	0.0500	104000	100000	3.6	20.0
4-Nitrophenol	Lin2		0.1530	0.0500	97000	100000	-3.0	20.0
Dibenzofuran	Ave	1.483	1.471		49600	50000	-0.8	20.0
2,4-Dinitrotoluene	Ave	0.3151	0.3321		52700	50000	5.4	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2580	0.2859		55400	50000	10.8	20.0
Diethyl phthalate	Ave	1.118	1.105		49400	50000	-1.2	20.0
Fluorene	Ave	1.187	1.183		49800	50000	-0.4	20.0
4-Chlorophenyl phenyl ether	Ave	0.5677	0.5679		50000	50000	0.0	20.0
4-Nitroaniline	Ave	0.2266	0.2673		59000	50000	17.9	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1157		105000	100000	4.7	20.0
N-Nitrosodiphenylamine	Ave	0.5245	0.5131		48900	50000	-2.2	20.0
1,2-Diphenylhydrazine	Ave	0.7379	0.7265		49200	50000	-1.5	20.0
4-Bromophenyl phenyl ether	Ave	0.2259	0.2229		49300	50000	-1.4	20.0
Hexachlorobenzene	Ave	0.2595	0.2574		49600	50000	-0.8	20.0
Atrazine	Ave	0.1800	0.1754		48700	50000	-2.6	20.0
Pentachlorophenol	Lin2		0.1210		102000	100000	1.8	20.0
Pentachloronitrobenzene	Ave	0.0960	0.1001		52200	50000	4.3	
n-Octadecane	Ave	0.5807	0.5538		47700	50000	-4.6	20.0
Phenanthrene	Ave	1.045	1.037		49600	50000	-0.7	20.0
Anthracene	Ave	1.066	1.068		50100	50000	0.2	20.0
Carbazole	Ave	0.8670	0.9169		52900	50000	5.7	20.0
Di-n-butyl phthalate	Ave	1.157	1.149		49700	50000	-0.7	20.0
Fluoranthene	Ave	0.9928	1.054		53100	50000	6.2	20.0
Benzidine	Ave	0.3667	0.5684		77500	50000	55.0*	20.0
Pyrene	Ave	1.155	0.9489		41100	50000	-17.8	20.0
Butyl benzyl phthalate	Ave	0.5095	0.4697		46100	50000	-7.8	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1247	0.1336		535	500	7.1	20.0
Carbamazepine	Lin2		0.5397		62300	50000	24.6*	20.0
3,3'-Dichlorobenzidine	Ave	0.3881	0.4445		57300	50000	14.5	20.0
Benzo[a]anthracene	Ave	1.073	1.003		46800	50000	-6.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-211927/2 Calibration Date: 03/11/2014 16:23

Instrument ID: CBNAMS12 Calib Start Date: 03/05/2014 18:19

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/05/2014 21:10

Lab File ID: L1147859.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chrysene	Ave	0.9522	0.9408		49400	50000	-1.2	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7233	0.6955		48100	50000	-3.8	20.0
Di-n-octyl phthalate	Ave	1.143	1.112		48600	50000	-2.7	20.0
Benzo[b]fluoranthene	Ave	0.9665	1.002		51800	50000	3.7	20.0
Benzo[k]fluoranthene	Ave	1.032	0.9856		47800	50000	-4.5	20.0
Benzo[a]pyrene	Ave	0.9403	0.9610		51100	50000	2.2	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.124	1.144		50900	50000	1.8	20.0
Dibenz(a,h)anthracene	Ave	1.075	1.081		50300	50000	0.5	20.0
Benzo[g,h,i]perylene	Ave	1.139	1.107		48600	50000	-2.8	20.0
2-Fluorophenol	Ave	1.130	1.128		49900	50000	-0.2	20.0
Phenol-d5	Ave	1.319	1.309		49600	50000	-0.8	20.0
Nitrobenzene-d5	Ave	0.3087	0.3193		51700	50000	3.4	20.0
2-Fluorobiphenyl	Ave	1.305	1.325		50700	50000	1.5	20.0
2,4,6-Tribromophenol	Ave	0.1923	0.2204		57300	50000	14.6	20.0
Terphenyl-d14	Ave	0.8508	0.7192		42300	50000	-15.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211927/3 Calibration Date: 03/11/2014 16:48

Instrument ID: CBNAMS12 Calib Start Date: 03/05/2014 21:35

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/05/2014 23:36

Lab File ID: L1147860.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	0.8989	0.9063		50400	50000	0.8	20.0
Benzoic acid	Lin		0.0573		39300	50000	-21.5*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212260/2 Calibration Date: 03/13/2014 03:24

Instrument ID: CBNAMS12 Calib Start Date: 03/05/2014 18:19

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/05/2014 21:10

Lab File ID: L1147912.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4566	0.4445		48700	50000	-2.6	20.0
N-Nitrosodimethylamine	Ave	0.5898	0.5629		47700	50000	-4.6	20.0
Pyridine	Ave	1.019	1.089		53500	50000	6.9	20.0
Aniline	Ave	1.663	1.677		50400	50000	0.9	20.0
Phenol	Ave	1.461	1.459		49900	50000	-0.2	20.0
Bis(2-chloroethyl)ether	Ave	1.061	1.106		52100	50000	4.3	20.0
2-Chlorophenol	Ave	1.268	1.246		49100	50000	-1.8	20.0
Decane	Ave	1.916	1.989		51900	50000	3.8	20.0
1,3-Dichlorobenzene	Ave	1.497	1.488		49700	50000	-0.6	20.0
1,4-Dichlorobenzene	Ave	1.516	1.487		49000	50000	-1.9	20.0
Benzyl alcohol	Ave	0.6944	0.6640		47800	50000	-4.4	20.0
1,2-Dichlorobenzene	Ave	1.411	1.394		49400	50000	-1.2	20.0
2-Methylphenol	Ave	1.011	1.010		50000	50000	-0.0	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.184	2.342		53600	50000	7.2	20.0
Acetophenone	Ave	1.506	1.528		50700	50000	1.4	20.0
N-Nitrosodi-n-propylamine	Lin2		0.7786	0.0500	52100	50000	4.3	20.0
3 & 4 Methylphenol	Ave	1.010	1.012		50100	50000	0.3	20.0
4-Methylphenol	Ave	0.998	0.9846		49300	50000	-1.4	20.0
Hexachloroethane	Ave	0.5690	0.6034		53000	50000	6.1	20.0
n,n'-Dimethylaniline	Ave	1.791	1.915		53500	50000	6.9	20.0
Nitrobenzene	Ave	0.4329	0.4583		52900	50000	5.9	20.0
Isophorone	Ave	0.4874	0.4882		50100	50000	0.2	20.0
2-Nitrophenol	Ave	0.1765	0.1713		48500	50000	-2.9	20.0
2,4-Dimethylphenol	Ave	0.2684	0.2700		50300	50000	0.6	20.0
Bis(2-chloroethoxy)methane	Ave	0.3275	0.3385		51700	50000	3.4	20.0
2,4-Dichlorophenol	Ave	0.2533	0.2454		48400	50000	-3.1	20.0
1,2,4-Trichlorobenzene	Ave	0.3151	0.3130		49700	50000	-0.7	20.0
Naphthalene	Ave	0.9391	0.9222		49100	50000	-1.8	20.0
4-Chloroaniline	Ave	0.3619	0.3601		49800	50000	-0.5	20.0
Hexachlorobutadiene	Ave	0.1929	0.1856		48100	50000	-3.8	20.0
Caprolactam	Lin2		0.0483		41400	50000	-17.2	20.0
4-Chloro-3-methylphenol	Ave	0.2171	0.2144		49400	50000	-1.2	20.0
2-Methylnaphthalene	Ave	0.6105	0.6044		49500	50000	-1.0	20.0
1-Methylnaphthalene	Ave	0.5636	0.5467		48500	50000	-3.0	20.0
Hexachlorocyclopentadiene	Qua		0.2046	0.0500	48100	50000	-3.9	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6024	0.5967		49500	50000	-0.9	20.0
2-tertbutyl-4-methylphenol	Ave	0.3814	0.3878		50800	50000	1.7	20.0
2,4,6-Trichlorophenol	Ave	0.3515	0.3335		47400	50000	-5.1	20.0
2,4,5-Trichlorophenol	Ave	0.3559	0.3425		48100	50000	-3.8	20.0
Diphenyl	Ave	1.479	1.508		51000	50000	1.9	20.0
2-Chloronaphthalene	Ave	1.157	1.164		50300	50000	0.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212260/2 Calibration Date: 03/13/2014 03:24

Instrument ID: CBNAMS12 Calib Start Date: 03/05/2014 18:19

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/05/2014 21:10

Lab File ID: L1147912.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl ether	Ave	0.7600	0.7738		50900	50000	1.8	20.0
2-Nitroaniline	Ave	0.2962	0.3187		53800	50000	7.6	20.0
Dimethylnaphthalene, total	Ave	0.9191	0.9338		50800	50000	1.6	20.0
Dimethyl phthalate	Ave	1.133	1.098		48500	50000	-3.1	20.0
Coumarin	Ave	0.1702	0.1557		45700	50000	-8.5	20.0
2,6-Dinitrotoluene	Ave	0.2599	0.2596		49900	50000	-0.1	20.0
Acenaphthylene	Ave	1.699	1.702		50100	50000	0.2	20.0
3-Nitroaniline	Ave	0.2759	0.2793		50600	50000	1.2	20.0
Acenaphthene	Ave	1.040	1.038		49900	50000	-0.1	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9349	0.9650		51600	50000	3.2	20.0
2,4-Dinitrophenol	Qua		0.0587	0.0500	67600	100000	-32.4*	20.0
4-Nitrophenol	Lin2		0.1275	0.0500	82000	100000	-18.0	20.0
Dibenzofuran	Ave	1.483	1.438		48500	50000	-3.1	20.0
2,4-Dinitrotoluene	Ave	0.3151	0.3114		49400	50000	-1.2	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2580	0.2319		44900	50000	-10.1	20.0
Diethyl phthalate	Ave	1.118	1.066		47700	50000	-4.7	20.0
Fluorene	Ave	1.187	1.125		47400	50000	-5.2	20.0
4-Chlorophenyl phenyl ether	Ave	0.5677	0.5379		47400	50000	-5.3	20.0
4-Nitroaniline	Ave	0.2266	0.2295		50600	50000	1.3	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.0928		85300	100000	-14.7	20.0
N-Nitrosodiphenylamine	Ave	0.5245	0.5281		50300	50000	0.7	20.0
1,2-Diphenylhydrazine	Ave	0.7379	0.7946		53800	50000	7.7	20.0
4-Bromophenyl phenyl ether	Ave	0.2259	0.2156		47700	50000	-4.6	20.0
Hexachlorobenzene	Ave	0.2595	0.2462		47400	50000	-5.1	20.0
Atrazine	Ave	0.1800	0.1714		47600	50000	-4.8	20.0
Pentachlorophenol	Lin2		0.0943		80600	100000	-19.4	20.0
Pentachloronitrobenzene	Ave	0.0960	0.0976		50900	50000	1.7	
n-Octadecane	Ave	0.5807	0.6259		53900	50000	7.8	20.0
Phenanthrene	Ave	1.045	1.031		49400	50000	-1.3	20.0
Anthracene	Ave	1.066	1.056		49600	50000	-0.9	20.0
Carbazole	Ave	0.8670	0.8816		50800	50000	1.7	20.0
Di-n-butyl phthalate	Ave	1.157	1.170		50600	50000	1.1	20.0
Fluoranthene	Ave	0.9928	0.9849		49600	50000	-0.8	20.0
Benzidine	Ave	0.3667	0.4863		66300	50000	32.6*	20.0
Pyrene	Ave	1.155	1.096		47500	50000	-5.1	20.0
Butyl benzyl phthalate	Ave	0.5095	0.5279		51800	50000	3.6	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1247	0.0960		385	500	-23.0*	20.0
Carbamazepine	Lin2		0.5723		65900	50000	31.9*	20.0
3,3'-Dichlorobenzidine	Ave	0.3881	0.4364		56200	50000	12.4	20.0
Benzo[a]anthracene	Ave	1.073	1.032		48100	50000	-3.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212260/2 Calibration Date: 03/13/2014 03:24

Instrument ID: CBNAMS12 Calib Start Date: 03/05/2014 18:19

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/05/2014 21:10

Lab File ID: L1147912.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chrysene	Ave	0.9522	0.9686		50900	50000	1.7	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7233	0.7454		51500	50000	3.1	20.0
Di-n-octyl phthalate	Ave	1.143	1.130		49400	50000	-1.2	20.0
Benzo[b]fluoranthene	Ave	0.9665	0.9330		48300	50000	-3.5	20.0
Benzo[k]fluoranthene	Ave	1.032	0.9770		47400	50000	-5.3	20.0
Benzo[a]pyrene	Ave	0.9403	0.9487		50400	50000	0.9	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.124	1.196		53200	50000	6.4	20.0
Dibenz(a,h)anthracene	Ave	1.075	1.152		53600	50000	7.1	20.0
Benzo[g,h,i]perylene	Ave	1.139	1.206		53000	50000	5.9	20.0
2-Fluorophenol	Ave	1.130	1.115		49300	50000	-1.4	20.0
Phenol-d5	Ave	1.319	1.333		50500	50000	1.0	20.0
Nitrobenzene-d5	Ave	0.3087	0.3347		54200	50000	8.4	20.0
2-Fluorobiphenyl	Ave	1.305	1.378		52800	50000	5.5	20.0
2,4,6-Tribromophenol	Ave	0.1923	0.1677		43600	50000	-12.8	20.0
Terphenyl-d14	Ave	0.8508	0.7881		46300	50000	-7.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212260/3 Calibration Date: 03/13/2014 04:00

Instrument ID: CBNAMS12 Calib Start Date: 03/05/2014 21:35

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/05/2014 23:36

Lab File ID: L1147913.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	0.8989	0.9126		50800	50000	1.5	20.0
Benzoic acid	Lin		0.0338		28400	50000	-43.1*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212527/2 Calibration Date: 03/14/2014 02:38

Instrument ID: CBNAMS12 Calib Start Date: 03/05/2014 18:19

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/05/2014 21:10

Lab File ID: L1147926.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4566	0.4500		49300	50000	-1.5	20.0
N-Nitrosodimethylamine	Ave	0.5898	0.6080		51500	50000	3.1	20.0
Pyridine	Ave	1.019	1.150		56400	50000	12.8	20.0
Aniline	Ave	1.663	1.754		52800	50000	5.5	20.0
Phenol	Ave	1.461	1.512		51700	50000	3.5	20.0
Bis(2-chloroethyl)ether	Ave	1.061	1.129		53200	50000	6.4	20.0
2-Chlorophenol	Ave	1.268	1.299		51200	50000	2.4	20.0
Decane	Ave	1.916	1.975		51500	50000	3.1	20.0
1,3-Dichlorobenzene	Ave	1.497	1.492		49800	50000	-0.4	20.0
1,4-Dichlorobenzene	Ave	1.516	1.518		50000	50000	0.0	20.0
Benzyl alcohol	Ave	0.6944	0.7116		51200	50000	2.5	20.0
1,2-Dichlorobenzene	Ave	1.411	1.416		50200	50000	0.4	20.0
2-Methylphenol	Ave	1.011	1.058		52300	50000	4.7	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.184	2.341		53600	50000	7.2	20.0
Acetophenone	Ave	1.506	1.548		51400	50000	2.8	20.0
N-Nitrosodi-n-propylamine	Lin2		0.7973	0.0500	53400	50000	6.8	20.0
3 & 4 Methylphenol	Ave	1.010	1.067		52800	50000	5.7	20.0
4-Methylphenol	Ave	0.998	1.042		52200	50000	4.4	20.0
Hexachloroethane	Ave	0.5690	0.5990		52600	50000	5.3	20.0
n,n'-Dimethylaniline	Ave	1.791	1.963		54800	50000	9.6	20.0
Nitrobenzene	Ave	0.4329	0.4591		53000	50000	6.1	20.0
Isophorone	Ave	0.4874	0.4903		50300	50000	0.6	20.0
2-Nitrophenol	Ave	0.1765	0.1746		49400	50000	-1.1	20.0
2,4-Dimethylphenol	Ave	0.2684	0.2690		50100	50000	0.2	20.0
Bis(2-chloroethoxy)methane	Ave	0.3275	0.3367		51400	50000	2.8	20.0
2,4-Dichlorophenol	Ave	0.2533	0.2514		49600	50000	-0.7	20.0
1,2,4-Trichlorobenzene	Ave	0.3151	0.3134		49700	50000	-0.6	20.0
Naphthalene	Ave	0.9391	0.9333		49700	50000	-0.6	20.0
4-Chloroaniline	Ave	0.3619	0.3729		51500	50000	3.0	20.0
Hexachlorobutadiene	Ave	0.1929	0.1820		47200	50000	-5.7	20.0
Caprolactam	Lin2		0.0612		51900	50000	3.7	20.0
4-Chloro-3-methylphenol	Ave	0.2171	0.2273		52400	50000	4.7	20.0
2-Methylnaphthalene	Ave	0.6105	0.6112		50100	50000	0.1	20.0
1-Methylnaphthalene	Ave	0.5636	0.5684		50400	50000	0.9	20.0
Hexachlorocyclopentadiene	Qua		0.2234	0.0500	51600	50000	3.1	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6024	0.5796		48100	50000	-3.8	20.0
2-tertbutyl-4-methylphenol	Ave	0.3814	0.3877		50800	50000	1.7	20.0
2,4,6-Trichlorophenol	Ave	0.3515	0.3406		48500	50000	-3.1	20.0
2,4,5-Trichlorophenol	Ave	0.3559	0.3444		48400	50000	-3.2	20.0
Diphenyl	Ave	1.479	1.476		49900	50000	-0.2	20.0
2-Chloronaphthalene	Ave	1.157	1.133		49000	50000	-2.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212527/2 Calibration Date: 03/14/2014 02:38

Instrument ID: CBNAMS12 Calib Start Date: 03/05/2014 18:19

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/05/2014 21:10

Lab File ID: L1147926.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl ether	Ave	0.7600	0.7602		50000	50000	0.0	20.0
2-Nitroaniline	Ave	0.2962	0.3172		53600	50000	7.1	20.0
Dimethylnaphthalene, total	Ave	0.9191	0.9405		51200	50000	2.3	20.0
Dimethyl phthalate	Ave	1.133	1.106		48800	50000	-2.4	20.0
Coumarin	Ave	0.1702	0.1793		52700	50000	5.3	20.0
2,6-Dinitrotoluene	Ave	0.2599	0.2647		50900	50000	1.8	20.0
Acenaphthylene	Ave	1.699	1.698		50000	50000	-0.0	20.0
3-Nitroaniline	Ave	0.2759	0.2967		53800	50000	7.5	20.0
Acenaphthene	Ave	1.040	1.032		49600	50000	-0.8	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9349	0.9336		49900	50000	-0.1	20.0
2,4-Dinitrophenol	Qua		0.1040	0.0500	103000	100000	3.0	20.0
4-Nitrophenol	Lin2		0.1478	0.0500	93900	100000	-6.1	20.0
Dibenzofuran	Ave	1.483	1.467		49500	50000	-1.1	20.0
2,4-Dinitrotoluene	Ave	0.3151	0.3329		52800	50000	5.6	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2580	0.2703		52400	50000	4.8	20.0
Diethyl phthalate	Ave	1.118	1.112		49700	50000	-0.5	20.0
Fluorene	Ave	1.187	1.175		49500	50000	-1.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.5677	0.5518		48600	50000	-2.8	20.0
4-Nitroaniline	Ave	0.2266	0.2454		54100	50000	8.3	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1146		104000	100000	3.7	20.0
N-Nitrosodiphenylamine	Ave	0.5245	0.5534		52800	50000	5.5	20.0
1,2-Diphenylhydrazine	Ave	0.7379	0.7880		53400	50000	6.8	20.0
4-Bromophenyl phenyl ether	Ave	0.2259	0.2207		48900	50000	-2.3	20.0
Hexachlorobenzene	Ave	0.2595	0.2473		47700	50000	-4.7	20.0
Atrazine	Ave	0.1800	0.1714		47600	50000	-4.8	20.0
Pentachlorophenol	Lin2		0.1051		89200	100000	-10.8	20.0
Pentachloronitrobenzene	Ave	0.0960	0.0960		50000	50000	0.0	
n-Octadecane	Ave	0.5807	0.6277		54100	50000	8.1	20.0
Phenanthrene	Ave	1.045	1.048		50200	50000	0.3	20.0
Anthracene	Ave	1.066	1.082		50800	50000	1.5	20.0
Carbazole	Ave	0.8670	0.8945		51600	50000	3.2	20.0
Di-n-butyl phthalate	Ave	1.157	1.109		47900	50000	-4.2	20.0
Fluoranthene	Ave	0.9928	0.9409		47400	50000	-5.2	20.0
Benzidine	Ave	0.3667	0.3963		54000	50000	8.1	20.0
Pyrene	Ave	1.155	1.208		52300	50000	4.6	20.0
Butyl benzyl phthalate	Ave	0.5095	0.5153		50600	50000	1.1	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1247	0.1061		425	500	-15.0	20.0
Carbamazepine	Lin2		0.4268		49600	50000	-0.8	20.0
3,3'-Dichlorobenzidine	Ave	0.3881	0.3950		50900	50000	1.8	20.0
Benzo[a]anthracene	Ave	1.073	1.014		47200	50000	-5.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212527/2 Calibration Date: 03/14/2014 02:38

Instrument ID: CBNAMS12 Calib Start Date: 03/05/2014 18:19

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/05/2014 21:10

Lab File ID: L1147926.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chrysene	Ave	0.9522	0.9332		49000	50000	-2.0	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7233	0.7138		49300	50000	-1.3	20.0
Di-n-octyl phthalate	Ave	1.143	1.094		47800	50000	-4.3	20.0
Benzo[b]fluoranthene	Ave	0.9665	0.9946		51500	50000	2.9	20.0
Benzo[k]fluoranthene	Ave	1.032	0.9716		47100	50000	-5.8	20.0
Benzo[a]pyrene	Ave	0.9403	0.9506		50500	50000	1.1	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.124	1.160		51600	50000	3.2	20.0
Dibenz(a,h)anthracene	Ave	1.075	1.077		50100	50000	0.2	20.0
Benzo[g,h,i]perylene	Ave	1.139	1.150		50500	50000	1.0	20.0
2-Fluorophenol	Ave	1.130	1.122		49600	50000	-0.7	20.0
Phenol-d5	Ave	1.319	1.390		52700	50000	5.3	20.0
Nitrobenzene-d5	Ave	0.3087	0.3333		54000	50000	8.0	20.0
2-Fluorobiphenyl	Ave	1.305	1.346		51600	50000	3.1	20.0
2,4,6-Tribromophenol	Ave	0.1923	0.1849		48100	50000	-3.8	20.0
Terphenyl-d14	Ave	0.8508	0.8536		50200	50000	0.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212527/3 Calibration Date: 03/14/2014 03:02

Instrument ID: CBNAMS12 Calib Start Date: 03/05/2014 21:35

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/05/2014 23:36

Lab File ID: L1147927.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	0.8989	0.9152		50900	50000	1.8	20.0
Benzoic acid	Lin		0.0864		52700	50000	5.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-211759/2 Calibration Date: 03/11/2014 03:49

Instrument ID: CBNAMS4 Calib Start Date: 02/27/2014 09:08

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/27/2014 11:45

Lab File ID: U94405.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6927	0.5469		39500	50000	-21.1*	20.0
N-Nitrosodimethylamine	Ave	1.288	1.277		49600	50000	-0.9	20.0
Pyridine	Ave	1.969	1.716		43600	50000	-12.9	20.0
Phenol	Ave	2.201	2.261		51400	50000	2.7	20.0
Aniline	Ave	2.523	2.582		51200	50000	2.3	20.0
Bis(2-chloroethyl)ether	Ave	1.812	1.735		47900	50000	-4.3	20.0
2-Chlorophenol	Ave	1.581	1.584		50100	50000	0.1	20.0
Decane	Ave	2.328	2.056		44200	50000	-11.7	20.0
1,3-Dichlorobenzene	Ave	1.558	1.535		49300	50000	-1.5	20.0
1,4-Dichlorobenzene	Ave	1.553	1.532		49300	50000	-1.3	20.0
Benzyl alcohol	Ave	1.048	1.128		53800	50000	7.6	20.0
1,2-Dichlorobenzene	Ave	1.453	1.474		50700	50000	1.4	20.0
2-Methylphenol	Ave	1.460	1.443		49400	50000	-1.2	20.0
2,2'-oxybis[1-chloropropane]	Ave	3.120	2.911		46600	50000	-6.7	20.0
Acetophenone	Ave	2.032	2.164		53300	50000	6.5	20.0
N-Nitrosodi-n-propylamine	Ave	1.461	1.448	0.0500	49500	50000	-0.9	20.0
3 & 4 Methylphenol	Ave	1.563	1.594		51000	50000	2.0	20.0
4-Methylphenol	Ave	1.555	1.588		51000	50000	2.1	20.0
Hexachloroethane	Ave	0.8204	0.8033		49000	50000	-2.1	20.0
n,n'-Dimethylaniline	Ave	2.360	2.517		53300	50000	6.7	20.0
Nitrobenzene	Ave	0.6664	0.6252		46900	50000	-6.2	20.0
Isophorone	Ave	0.8242	0.8222		49900	50000	-0.2	20.0
2-Nitrophenol	Ave	0.1908	0.2038		53400	50000	6.8	20.0
2,4-Dimethylphenol	Ave	0.3434	0.3484		50700	50000	1.5	20.0
Bis(2-chloroethoxy)methane	Ave	0.4828	0.4348		45000	50000	-9.9	20.0
2,4-Dichlorophenol	Ave	0.2665	0.2575		48300	50000	-3.4	20.0
1,2,4-Trichlorobenzene	Ave	0.3047	0.3204		52600	50000	5.1	20.0
Naphthalene	Ave	1.028	1.056		51300	50000	2.7	20.0
4-Chloroaniline	Ave	0.4389	0.4755		54200	50000	8.3	20.0
Hexachlorobutadiene	Ave	0.1476	0.1440		48800	50000	-2.4	20.0
Caprolactam	Ave	0.1003	0.0780		38900	50000	-22.2*	20.0
4-Chloro-3-methylphenol	Ave	0.3112	0.3140		50400	50000	0.9	20.0
2-Methylnaphthalene	Ave	0.5864	0.6082		51900	50000	3.7	20.0
1-Methylnaphthalene	Ave	0.5068	0.5608		55300	50000	10.7	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.4758	0.4720		49600	50000	-0.8	20.0
Hexachlorocyclopentadiene	Lin2		0.2993	0.0500	39400	50000	-21.1*	20.0
2-tertbutyl-4-methylphenol	Ave	0.3878	0.3832		49400	50000	-1.2	20.0
2,4,6-Trichlorophenol	Ave	0.3503	0.3867		55200	50000	10.4	20.0
2,4,5-Trichlorophenol	Ave	0.3597	0.4166		57900	50000	15.8	20.0
Diphenyl	Ave	1.490	1.334		44700	50000	-10.5	20.0
2-Chloronaphthalene	Ave	1.140	1.054		46300	50000	-7.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-211759/2 Calibration Date: 03/11/2014 03:49

Instrument ID: CBNAMS4 Calib Start Date: 02/27/2014 09:08

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/27/2014 11:45

Lab File ID: U94405.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl ether	Ave	0.7964	0.7778		48800	50000	-2.3	20.0
2-Nitroaniline	Ave	0.6597	0.6406		48600	50000	-2.9	20.0
Dimethylnaphthalene, total	Ave	0.8928	0.9442		52900	50000	5.8	20.0
Dimethyl phthalate	Ave	1.186	1.199		50600	50000	1.1	20.0
Coumarin	Ave	0.1563	0.2121		67900	50000	35.7*	20.0
2,6-Dinitrotoluene	Ave	0.2840	0.3189		56100	50000	12.3	20.0
Acenaphthylene	Ave	1.617	1.568		48500	50000	-3.0	20.0
3-Nitroaniline	Ave	0.3203	0.3578		55900	50000	11.7	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.7345	0.7745		52700	50000	5.4	20.0
Acenaphthene	Ave	1.081	0.9310		43100	50000	-13.9	20.0
2,4-Dinitrophenol	Lin1		0.1807	0.0500	101000	100000	1.5	20.0
4-Nitrophenol	Ave	0.3149	0.3843	0.0500	122000	100000	22.0*	20.0
2,4-Dinitrotoluene	Ave	0.3510	0.4226		60200	50000	20.4*	20.0
Dibenzofuran	Ave	1.507	1.646		54600	50000	9.2	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2402	0.2741		57100	50000	14.1	20.0
Diethyl phthalate	Ave	1.188	1.452		61100	50000	22.3*	20.0
4-Chlorophenyl phenyl ether	Ave	0.4162	0.4843		58200	50000	16.4	20.0
Fluorene	Ave	1.135	1.236		54500	50000	9.0	20.0
4-Nitroaniline	Ave	0.2636	0.3032		57500	50000	15.0	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1286		90100	100000	-9.9	20.0
N-Nitrosodiphenylamine	Ave	0.6840	0.5777		42200	50000	-15.5	20.0
1,2-Diphenylhydrazine	Ave	1.477	1.164		39400	50000	-21.2*	20.0
4-Bromophenyl phenyl ether	Ave	0.2129	0.1987		46700	50000	-6.7	20.0
Hexachlorobenzene	Ave	0.2071	0.2515		60700	50000	21.5*	20.0
Atrazine	Ave	0.1881	0.1730		46000	50000	-8.0	20.0
Pentachlorophenol	Ave	0.1506	0.1492		99100	100000	-0.9	20.0
Pentachloronitrobenzene	Ave	0.1010	0.0927		45900	50000	-8.2	
n-Octadecane	Ave	1.042	0.7047		33800	50000	-32.3*	20.0
Phenanthrene	Ave	1.115	1.007		45200	50000	-9.7	20.0
Anthracene	Ave	1.132	0.9303		41100	50000	-17.8	20.0
Carbazole	Ave	1.020	0.8510		41700	50000	-16.6	20.0
Di-n-butyl phthalate	Ave	1.496	1.321		44100	50000	-11.7	20.0
Fluoranthene	Ave	0.7958	0.7902		49600	50000	-0.7	20.0
Benzidine	Ave	0.4542	0.3757		41400	50000	-17.3	20.0
Pyrene	Ave	1.265	1.474		58300	50000	16.6	20.0
Butyl benzyl phthalate	Ave	0.8938	0.8597		48100	50000	-3.8	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1024	0.1783		870	500	74.1*	20.0
Carbamazepine	Ave	0.4511	0.5300		58700	50000	17.5	20.0
3,3'-Dichlorobenzidine	Ave	0.3983	0.4364		54800	50000	9.6	20.0
Benzo[a]anthracene	Ave	1.004	0.9759		48600	50000	-2.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-211759/2 Calibration Date: 03/11/2014 03:49

Instrument ID: CBNAMS4 Calib Start Date: 02/27/2014 09:08

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/27/2014 11:45

Lab File ID: U94405.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bis(2-ethylhexyl) phthalate	Ave	1.116	1.078		48300	50000	-3.4	20.0
Chrysene	Ave	0.8213	0.8684		52900	50000	5.7	20.0
Di-n-octyl phthalate	Ave	2.122	1.745		41100	50000	-17.7	20.0
Benzo[b]fluoranthene	Ave	1.057	1.015		48000	50000	-3.9	20.0
Benzo[k]fluoranthene	Ave	1.069	0.9648		45100	50000	-9.7	20.0
Benzo[a]pyrene	Ave	0.9471	0.9065		47900	50000	-4.3	20.0
Indeno[1,2,3-cd]pyrene	QuaF		0.9518		45400	50000	-9.2	20.0
Dibenz(a,h)anthracene	QuaF		0.8836		46700	50000	-6.7	20.0
Benzo[g,h,i]perylene	Ave	0.9827	0.9172		46700	50000	-6.7	20.0
2-Fluorophenol	Ave	1.750	1.599		45700	50000	-8.6	20.0
Phenol-d5	Ave	2.114	2.165		51200	50000	2.4	20.0
Nitrobenzene-d5	Ave	0.4927	0.5038		51100	50000	2.3	20.0
2-Fluorobiphenyl	Ave	1.365	1.340		49100	50000	-1.8	20.0
2,4,6-Tribromophenol	Ave	0.1537	0.2077		67600	50000	35.1*	20.0
Terphenyl-d14	Ave	0.9287	1.059		57000	50000	14.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211759/3 Calibration Date: 03/11/2014 04:18

Instrument ID: CBNAMS4 Calib Start Date: 02/27/2014 12:08

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/27/2014 14:00

Lab File ID: U94406.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.670	1.583		47400	50000	-5.2	20.0
Benzoic acid	Lin2		0.1764		45400	50000	-9.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-211922/2 Calibration Date: 03/11/2014 15:59

Instrument ID: CBNAMS4 Calib Start Date: 02/27/2014 09:08

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/27/2014 11:45

Lab File ID: U94429.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6927	0.4983		36000	50000	-28.1*	20.0
N-Nitrosodimethylamine	Ave	1.288	1.183		45900	50000	-8.2	20.0
Pyridine	Ave	1.969	1.706		43300	50000	-13.3	20.0
Aniline	Ave	2.523	2.560		50700	50000	1.5	20.0
Phenol	Ave	2.201	2.440		55400	50000	10.9	20.0
Bis(2-chloroethyl)ether	Ave	1.812	1.829		50500	50000	0.9	20.0
2-Chlorophenol	Ave	1.581	1.679		53100	50000	6.2	20.0
Decane	Ave	2.328	1.970		42300	50000	-15.4	20.0
1,3-Dichlorobenzene	Ave	1.558	1.567		50300	50000	0.6	20.0
1,4-Dichlorobenzene	Ave	1.553	1.529		49200	50000	-1.6	20.0
Benzyl alcohol	Ave	1.048	1.148		54700	50000	9.4	20.0
1,2-Dichlorobenzene	Ave	1.453	1.428		49100	50000	-1.7	20.0
2-Methylphenol	Ave	1.460	1.648		56400	50000	12.9	20.0
2,2'-oxybis[1-chloropropane]	Ave	3.120	3.157		50600	50000	1.2	20.0
Acetophenone	Ave	2.032	2.178		53600	50000	7.2	20.0
3 & 4 Methylphenol	Ave	1.563	1.659		53100	50000	6.2	20.0
4-Methylphenol	Ave	1.555	1.650		53100	50000	6.1	20.0
N-Nitrosodi-n-propylamine	Ave	1.461	1.565	0.0500	53500	50000	7.1	20.0
Hexachloroethane	Ave	0.8204	0.7775		47400	50000	-5.2	20.0
n,n'-Dimethylaniline	Ave	2.360	2.610		55300	50000	10.6	20.0
Nitrobenzene	Ave	0.6664	0.6078		45600	50000	-8.8	20.0
Isophorone	Ave	0.8242	0.8470		51400	50000	2.8	20.0
2-Nitrophenol	Ave	0.1908	0.1938		50800	50000	1.6	20.0
2,4-Dimethylphenol	Ave	0.3434	0.3112		45300	50000	-9.4	20.0
Bis(2-chloroethoxy)methane	Ave	0.4828	0.4605		47700	50000	-4.6	20.0
2,4-Dichlorophenol	Ave	0.2665	0.2457		46100	50000	-7.8	20.0
1,2,4-Trichlorobenzene	Ave	0.3047	0.2944		48300	50000	-3.4	20.0
Naphthalene	Ave	1.028	1.014		49300	50000	-1.4	20.0
4-Chloroaniline	Ave	0.4389	0.4423		50400	50000	0.8	20.0
Hexachlorobutadiene	Ave	0.1476	0.1454		49300	50000	-1.5	20.0
Caprolactam	Ave	0.1003	0.1123		56000	50000	12.0	20.0
4-Chloro-3-methylphenol	Ave	0.3112	0.3462		55600	50000	11.2	20.0
2-Methylnaphthalene	Ave	0.5864	0.6303		53700	50000	7.5	20.0
1-Methylnaphthalene	Ave	0.5068	0.5371		53000	50000	6.0	20.0
Hexachlorocyclopentadiene	Lin2		0.2766	0.0500	36600	50000	-26.8*	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.4758	0.4929		51800	50000	3.6	20.0
2-tertbutyl-4-methylphenol	Ave	0.3878	0.4236		54600	50000	9.2	20.0
2,4,6-Trichlorophenol	Ave	0.3503	0.3751		53500	50000	7.1	20.0
2,4,5-Trichlorophenol	Ave	0.3597	0.4029		56000	50000	12.0	20.0
Diphenyl	Ave	1.490	1.385		46500	50000	-7.1	20.0
2-Chloronaphthalene	Ave	1.140	1.124		49300	50000	-1.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-211922/2 Calibration Date: 03/11/2014 15:59

Instrument ID: CBNAMS4 Calib Start Date: 02/27/2014 09:08

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/27/2014 11:45

Lab File ID: U94429.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl ether	Ave	0.7964	0.7899		49600	50000	-0.8	20.0
2-Nitroaniline	Ave	0.6597	0.6548		49600	50000	-0.7	20.0
Dimethylnaphthalene, total	Ave	0.8928	0.8656		48500	50000	-3.0	20.0
Dimethyl phthalate	Ave	1.186	1.186		50000	50000	0.0	20.0
Coumarin	Ave	0.1563	0.1909		61100	50000	22.2*	20.0
2,6-Dinitrotoluene	Ave	0.2840	0.3289		57900	50000	15.8	20.0
Acenaphthylene	Ave	1.617	1.589		49100	50000	-1.7	20.0
3-Nitroaniline	Ave	0.3203	0.3517		54900	50000	9.8	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.7345	0.7834		53300	50000	6.7	20.0
Acenaphthene	Ave	1.081	0.9239		42700	50000	-14.5	20.0
2,4-Dinitrophenol	Lin1		0.1491	0.0500	85000	100000	-15.0	20.0
4-Nitrophenol	Ave	0.3149	0.3465	0.0500	110000	100000	10.0	20.0
2,4-Dinitrotoluene	Ave	0.3510	0.4040		57500	50000	15.1	20.0
Dibenzofuran	Ave	1.507	1.565		51900	50000	3.8	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2402	0.2632		54800	50000	9.6	20.0
Diethyl phthalate	Ave	1.188	1.229		51700	50000	3.5	20.0
4-Chlorophenyl phenyl ether	Ave	0.4162	0.4477		53800	50000	7.6	20.0
Fluorene	Ave	1.135	1.206		53100	50000	6.3	20.0
4-Nitroaniline	Ave	0.2636	0.2879		54600	50000	9.2	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1205		84700	100000	-15.3	20.0
N-Nitrosodiphenylamine	Ave	0.6840	0.6301		46100	50000	-7.9	20.0
1,2-Diphenylhydrazine	Ave	1.477	1.273		43100	50000	-13.8	20.0
4-Bromophenyl phenyl ether	Ave	0.2129	0.2032		47700	50000	-4.6	20.0
Hexachlorobenzene	Ave	0.2071	0.2823		68100	50000	36.3*	20.0
Atrazine	Ave	0.1881	0.1804		48000	50000	-4.1	20.0
Pentachlorophenol	Ave	0.1506	0.1479		98200	100000	-1.8	20.0
Pentachloronitrobenzene	Ave	0.1010	0.0967		47900	50000	-4.3	
n-Octadecane	Ave	1.042	0.8241		39600	50000	-20.9*	20.0
Phenanthrene	Ave	1.115	1.052		47200	50000	-5.6	20.0
Anthracene	Ave	1.132	0.9698		42900	50000	-14.3	20.0
Carbazole	Ave	1.020	0.9335		45800	50000	-8.5	20.0
Di-n-butyl phthalate	Ave	1.496	1.328		44400	50000	-11.2	20.0
Fluoranthene	Ave	0.7958	0.9154		57500	50000	15.0	20.0
Benzidine	Ave	0.4542	0.3198		35200	50000	-29.6*	20.0
Pyrene	Ave	1.265	1.477		58400	50000	16.8	20.0
Butyl benzyl phthalate	Ave	0.8938	0.8042		45000	50000	-10.0	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1024	0.1488		726	500	45.3*	20.0
Carbamazepine	Ave	0.4511	0.4501		49900	50000	-0.2	20.0
3,3'-Dichlorobenzidine	Ave	0.3983	0.4107		51600	50000	3.1	20.0
Benzo[a]anthracene	Ave	1.004	0.9464		47100	50000	-5.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-211922/2 Calibration Date: 03/11/2014 15:59

Instrument ID: CBNAMS4 Calib Start Date: 02/27/2014 09:08

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/27/2014 11:45

Lab File ID: U94429.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bis(2-ethylhexyl) phthalate	Ave	1.116	1.054		47200	50000	-5.5	20.0
Chrysene	Ave	0.8213	0.7408		45100	50000	-9.8	20.0
Di-n-octyl phthalate	Ave	2.122	1.921		45300	50000	-9.5	20.0
Benzo[b]fluoranthene	Ave	1.057	1.057		50000	50000	-0.0	20.0
Benzo[k]fluoranthene	Ave	1.069	0.995		46600	50000	-6.9	20.0
Benzo[a]pyrene	Ave	0.9471	0.9042		47700	50000	-4.5	20.0
Indeno[1,2,3-cd]pyrene	QuaF		0.9934		47100	50000	-5.9	20.0
Dibenz(a,h)anthracene	QuaF		0.8917		47000	50000	-5.9	20.0
Benzo[g,h,i]perylene	Ave	0.9827	0.9318		47400	50000	-5.2	20.0
2-Fluorophenol	Ave	1.750	1.541		44000	50000	-11.9	20.0
Phenol-d5	Ave	2.114	2.199		52000	50000	4.0	20.0
Nitrobenzene-d5	Ave	0.4927	0.4761		48300	50000	-3.4	20.0
2-Fluorobiphenyl	Ave	1.365	1.382		50600	50000	1.2	20.0
2,4,6-Tribromophenol	Ave	0.1537	0.1990		64700	50000	29.5*	20.0
Terphenyl-d14	Ave	0.9287	1.015		54700	50000	9.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211922/3 Calibration Date: 03/11/2014 16:33

Instrument ID: CBNAMS4 Calib Start Date: 02/27/2014 12:08

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/27/2014 14:00

Lab File ID: U94430.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.670	1.674		50100	50000	0.2	20.0
Benzoic acid	Lin2		0.1597		41400	50000	-17.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212566/2 Calibration Date: 03/14/2014 06:30

Instrument ID: CBNAMS5 Calib Start Date: 03/11/2014 05:08

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/11/2014 08:06

Lab File ID: x9411.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6951	0.6962		50100	50000	0.2	20.0
N-Nitrosodimethylamine	Ave	0.999	0.9639		48200	50000	-3.5	20.0
Pyridine	Ave	1.646	1.606		48800	50000	-2.4	20.0
Aniline	Ave	2.378	2.189		46000	50000	-7.9	20.0
Phenol	Ave	1.913	1.695		44300	50000	-11.4	20.0
Bis(2-chloroethyl)ether	Ave	1.587	1.455		45800	50000	-8.3	20.0
2-Chlorophenol	Ave	1.498	1.397		46600	50000	-6.8	20.0
Decane	Qua		1.731		50300	50000	0.7	20.0
1,3-Dichlorobenzene	Ave	1.628	1.535		47200	50000	-5.7	20.0
1,4-Dichlorobenzene	Ave	1.582	1.479		46700	50000	-6.5	20.0
Benzyl alcohol	Ave	0.9276	0.8012		43200	50000	-13.6	20.0
1,2-Dichlorobenzene	Ave	1.464	1.316		45000	50000	-10.1	20.0
2,2'-oxybis[1-chloropropane]	QuaF		2.241		46600	50000	-6.7	20.0
2-Methylphenol	Ave	1.335	1.195		44700	50000	-10.5	20.0
Acetophenone	Ave	1.821	1.578		43300	50000	-13.4	20.0
N-Nitrosodi-n-propylamine	Ave	1.040	0.9012	0.0500	43300	50000	-13.4	20.0
3 & 4 Methylphenol	Ave	1.324	1.148		43400	50000	-13.3	20.0
4-Methylphenol	Ave	1.319	1.141		43300	50000	-13.5	20.0
Hexachloroethane	Ave	0.6531	0.6063		46400	50000	-7.2	20.0
Nitrobenzene	Ave	0.5894	0.5456		46300	50000	-7.4	20.0
n,n'-Dimethylaniline	Ave	2.134	1.812		42500	50000	-15.1	20.0
Isophorone	Ave	0.7190	0.6332		44000	50000	-11.9	20.0
2-Nitrophenol	Ave	0.1931	0.1873		48500	50000	-3.0	20.0
2,4-Dimethylphenol	Ave	0.3218	0.2910		45200	50000	-9.6	20.0
Bis(2-chloroethoxy)methane	Ave	0.4422	0.4086		46200	50000	-7.6	20.0
2,4-Dichlorophenol	Ave	0.2824	0.2635		46700	50000	-6.7	20.0
1,2,4-Trichlorobenzene	Ave	0.3329	0.3198		48000	50000	-3.9	20.0
Naphthalene	Ave	1.021	0.9603		47000	50000	-5.9	20.0
4-Chloroaniline	Ave	0.4034	0.3667		45500	50000	-9.1	20.0
Hexachlorobutadiene	Ave	0.1960	0.1953		49800	50000	-0.3	20.0
Caprolactam	Ave	0.0780	0.0662		42400	50000	-15.1	20.0
4-Chloro-3-methylphenol	Ave	0.2898	0.2533		43700	50000	-12.6	20.0
2-Methylnaphthalene	Ave	0.6461	0.5884		45500	50000	-8.9	20.0
1-Methylnaphthalene	Ave	0.5954	0.5358		45000	50000	-10.0	20.0
Hexachlorocyclopentadiene	Ave	0.3498	0.3701	0.0500	52900	50000	5.8	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5835	0.5929		50800	50000	1.6	20.0
2-tertbutyl-4-methylphenol	Ave	0.4095	0.3644		44500	50000	-11.0	20.0
2,4,6-Trichlorophenol	Ave	0.3706	0.3662		49400	50000	-1.2	20.0
2,4,5-Trichlorophenol	Ave	0.3698	0.3560		48100	50000	-3.7	20.0
Diphenyl	Ave	1.565	1.515		48400	50000	-3.2	20.0
2-Chloronaphthalene	Ave	1.174	1.144		48700	50000	-2.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212566/2 Calibration Date: 03/14/2014 06:30

Instrument ID: CBNAMS5 Calib Start Date: 03/11/2014 05:08

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/11/2014 08:06

Lab File ID: x9411.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl ether	Ave	0.7978	0.7902		49500	50000	-1.0	20.0
2-Nitroaniline	Ave	0.4122	0.3750		45500	50000	-9.0	20.0
Dimethylnaphthalene, total	Ave	0.9812	0.9507		48400	50000	-3.1	20.0
Dimethyl phthalate	Ave	1.149	1.020		44400	50000	-11.2	20.0
Coumarin	Ave	0.1741	0.1343		38600	50000	-22.9*	20.0
2,6-Dinitrotoluene	Ave	0.2715	0.2459		45300	50000	-9.4	20.0
Acenaphthylene	Ave	1.713	1.590		46400	50000	-7.2	20.0
3-Nitroaniline	QuaF		0.2595		45500	50000	-8.9	20.0
Acenaphthene	Ave	1.051	0.9730		46300	50000	-7.4	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.019	0.9689		47500	50000	-4.9	20.0
2,4-Dinitrophenol	Lin2		0.1135	0.0500	84000	100000	-16.0	20.0
2,4-Dinitrotoluene	Ave	0.3026	0.2732		45100	50000	-9.7	20.0
Dibenzofuran	Ave	1.425	1.312		46000	50000	-7.9	20.0
4-Nitrophenol	Ave	0.2102	0.1869	0.0500	88900	100000	-11.1	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2769	0.2586		46700	50000	-6.6	20.0
Diethyl phthalate	Ave	1.067	0.9493		44500	50000	-11.0	20.0
Fluorene	Ave	1.148	1.021		44500	50000	-11.1	20.0
4-Chlorophenyl phenyl ether	Ave	0.5675	0.5044		44400	50000	-11.1	20.0
4-Nitroaniline	Ave	0.2288	0.1903		41600	50000	-16.8	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1220	0.1273		104000	100000	4.3	20.0
N-Nitrosodiphenylamine	Ave	0.5739	0.5833		50800	50000	1.7	20.0
1,2-Diphenylhydrazine	Ave	1.022	1.030		50400	50000	0.7	20.0
4-Bromophenyl phenyl ether	Ave	0.2397	0.2552		53200	50000	6.4	20.0
Hexachlorobenzene	Ave	0.2438	0.2650		54300	50000	8.7	20.0
Atrazine	Ave	0.1980	0.1843		46600	50000	-6.9	20.0
Pentachloronitrobenzene	Ave	0.0998	0.0987		49500	50000	-1.0	
Pentachlorophenol	Ave	0.1317	0.1264		95900	100000	-4.1	20.0
n-Octadecane	Ave	0.7200	0.7819		54300	50000	8.6	20.0
Phenanthrene	Ave	1.067	1.033		48400	50000	-3.2	20.0
Anthracene	Ave	1.087	1.064		48900	50000	-2.1	20.0
Carbazole	Ave	0.8716	0.7988		45800	50000	-8.4	20.0
Di-n-butyl phthalate	Ave	1.073	1.011		47100	50000	-5.8	20.0
Fluoranthene	Ave	0.9275	0.8767		47300	50000	-5.5	20.0
Benzidine	Ave	0.2789	0.2146		38500	50000	-23.0*	20.0
Pyrene	Ave	1.651	1.523		46100	50000	-7.8	20.0
Butyl benzyl phthalate	Ave	0.6110	0.5751		47100	50000	-5.9	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1444	0.1442		499	500	-0.2	20.0
Carbamazepine	Lin2		0.3695		48700	50000	-2.7	20.0
3,3'-Dichlorobenzidine	Ave	0.3583	0.3719		51900	50000	3.8	20.0
Benzo[a]anthracene	Ave	1.094	1.082		49500	50000	-1.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCVIS 460-212566/2 Calibration Date: 03/14/2014 06:30

Instrument ID: CBNAMS5 Calib Start Date: 03/11/2014 05:08

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/11/2014 08:06

Lab File ID: x9411.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chrysene	Ave	0.9886	0.9865		49900	50000	-0.2	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7874	0.7403		47000	50000	-6.0	20.0
Di-n-octyl phthalate	Ave	1.650	1.498		45400	50000	-9.2	20.0
Benzo[b]fluoranthene	Lin2		1.164		49000	50000	-2.1	20.0
Benzo[k]fluoranthene	Ave	1.193	1.225		51400	50000	2.7	20.0
Benzo[a]pyrene	Lin2		1.056		50600	50000	1.2	20.0
Indeno[1,2,3-cd]pyrene	QuaF		0.9426		55300	50000	10.6	20.0
Dibenz(a,h)anthracene	Lin1		0.9806		54000	50000	8.0	20.0
Benzo[g,h,i]perylene	Ave	0.8571	1.011		59000	50000	18.0	20.0
2-Fluorophenol	Ave	1.528	1.491		48800	50000	-2.4	20.0
Phenol-d5	Ave	1.847	1.675		45400	50000	-9.3	20.0
Nitrobenzene-d5	Ave	0.4342	0.4254		49000	50000	-2.0	20.0
2-Fluorobiphenyl	Ave	1.370	1.358		49600	50000	-0.9	20.0
2,4,6-Tribromophenol	Ave	0.1684	0.1633		48500	50000	-3.0	20.0
Terphenyl-d14	QuaF		1.141		47900	50000	-4.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212566/3 Calibration Date: 03/14/2014 06:58

Instrument ID: CBNAMS5 Calib Start Date: 03/11/2014 08:30

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 03/11/2014 10:31

Lab File ID: x9412.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.286	1.240		48200	50000	-3.5	20.0
Benzoic acid	Lin1		0.1389		40800	50000	-18.4	20.0

Report Date: 04-Mar-2014 14:57:38 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS11\20140304-10400.b\z8437.D
Lims ID: DFTPP Lab Sample ID:
Client ID:
Sample Type: DFTPP
Inject. Date: 04-Mar-2014 01:20:30 ALS Bottle#: 1 Worklist Smp#: 55
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010400-055
Misc. Info.: 25 ppm bna 4890
Operator ID: Instrument ID: CBNAMS11

Method: \\EDICHROM\ChromData\CBNAMS11\20140304-10400.b\8270_11R.m
Limit Group: SV 8270 ICAL
Last Update: 04-Mar-2014 14:57:38 Calib Date: 04-Mar-2014 06:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS11\20140304-10400.b\z8451.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: asfawa Date: 04-Mar-2014 01:39:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	4.993	4.993	0.0	85	17524	NR	7
89 Benzidine_T	184	6.828	6.828	0.0	98	114062	NR	7
120 DFTPP								
114 4,4'-DDD	235	7.486	7.486	0.0	12	1113	NR	7
116 4,4'-DDT	235	7.810	7.810	0.0	97	51300	NR	7

QC Flag Legend

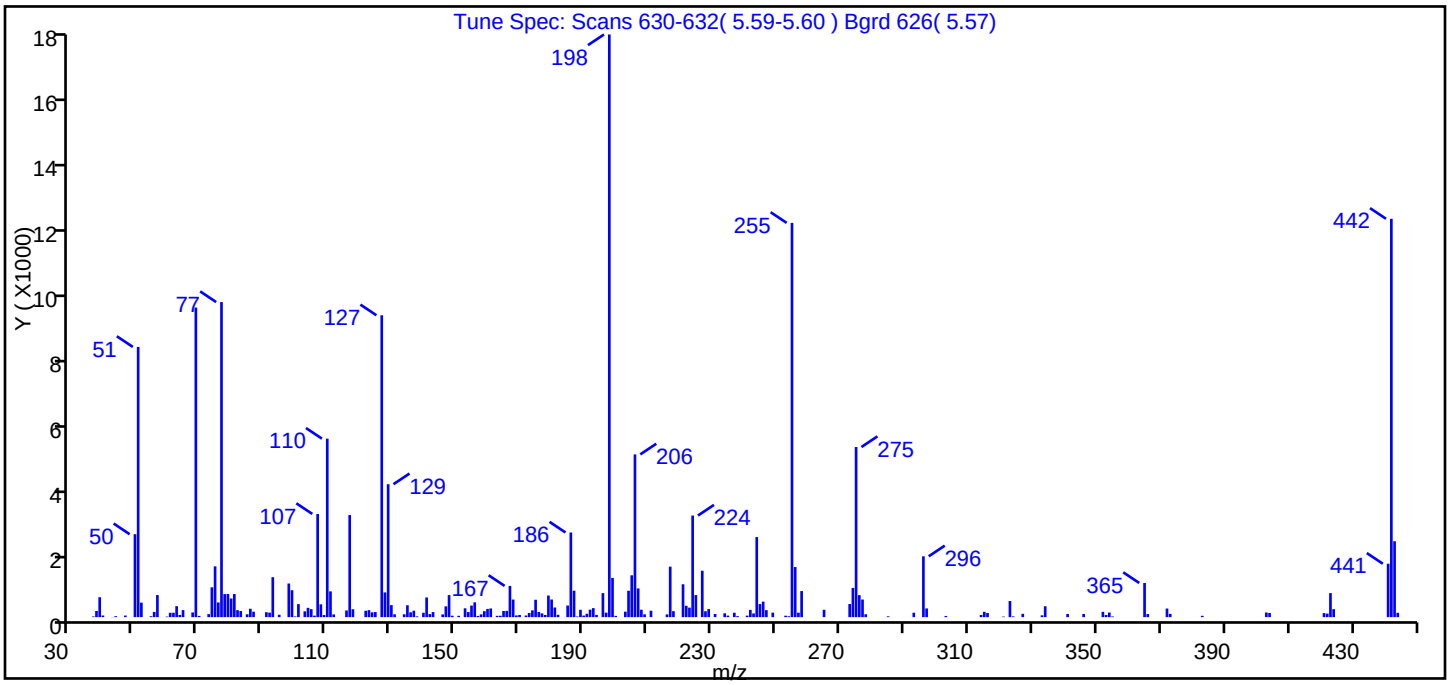
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS11\20140304-10400.b\z8437.D
Injection Date: 04-Mar-2014 01:20:30 Instrument ID: CBNAMS11
Lims ID: DFTPP Lab Sample ID:
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 55
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R Limit Group: SV 8270 ICAL
Tune Method: DFTPP Method 8270

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	46.40
68	Less than 2.00% of mass 69	0.80 (1.50)
69	Present	53.10
70	Less than 2.00% of mass 69	0.20 (0.40)
127	40.00 - 60.00% of mass 198	51.80
197	Less than 1.00% of mass 198	0.80
199	5.00 - 9.00% of mass 198	6.70
275	10.00 - 30.00% of mass 198	29.20
365	Greater than 1.00% of mass 198	5.90
441	Present, but less than mass 443%	9.20 (70.40)
442	Greater than 40.00% of mass 198	68.40
443	17.00 - 23.00% of mass 442	13.00 (19.10)

Data File: \\EDICHROM\ChromData\CBNAMS11\20140304-10400.b\z8437.D\8270_11R.rslt\spectra.d
Injection Date: 04-Mar-2014 01:20:30
Spectrum: Tune Spec: Scans 630-632(5.59-5.60) Bgrd 626(5.57)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 203

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	21	110.00	5487	177.00	115	247.00	215
38.00	189	111.00	792	178.00	67	249.00	139
39.00	613	112.00	84	179.00	665	253.00	44
40.00	50	116.00	205	180.00	542	254.00	27
43.00	4	117.00	3138	181.00	296	255.00	12120
44.00	30	118.00	243	182.00	72	256.00	1540
47.00	49	122.00	196	185.00	357	257.00	137
50.00	2550	123.00	216	186.00	2602	258.00	802
51.00	8307	124.00	148	187.00	813	265.00	226
52.00	446	125.00	156	188.00	19	273.00	403
55.00	28	127.00	9280	189.00	226	274.00	898
56.00	160	128.00	760	190.00	48	275.00	5230
57.00	680	129.00	4087	191.00	103	276.00	676
60.00	17	130.00	370	192.00	230	277.00	542
61.00	134	131.00	87	193.00	277	278.00	89
62.00	135	134.00	88	194.00	69	285.00	25
63.00	338	135.00	365	196.00	739	293.00	136
64.00	68	136.00	148	197.00	138	296.00	1870
65.00	216	137.00	198	198.00	17912	297.00	268
68.00	144	138.00	24	199.00	1205	303.00	37
69.00	9517	140.00	135	200.00	39	314.00	66
70.00	38	141.00	605	203.00	168	315.00	163
73.00	93	142.00	94	204.00	810	316.00	128
74.00	917	143.00	156	205.00	1286	321.00	17
75.00	1562	146.00	84	206.00	5003	323.00	495
76.00	451	147.00	332	207.00	883	324.00	23
77.00	9686	148.00	678	208.00	228	327.00	102
78.00	708	149.00	43	209.00	88	333.00	55
79.00	712	151.00	41	211.00	198	334.00	335
80.00	573	153.00	272	216.00	84	341.00	98
81.00	710	154.00	156	217.00	1552	346.00	98
82.00	214	155.00	355	218.00	184	352.00	163
83.00	188	156.00	456	221.00	1011	353.00	65

Report Date: 04-Mar-2014 14:57:38 Chrom Revision: 2.1 15-Jan-2014 14:06:26
Data File: \\EDICHROM\ChromData\CBNAMS11\20140304-10400.b\z8437.D\8270_11R.rslt\spectra.d
Injection Date: 04-Mar-2014 01:20:30
Spectrum: Tune Spec: Scans 630-632(5.59-5.60) Bgrd 626(5.57)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 203

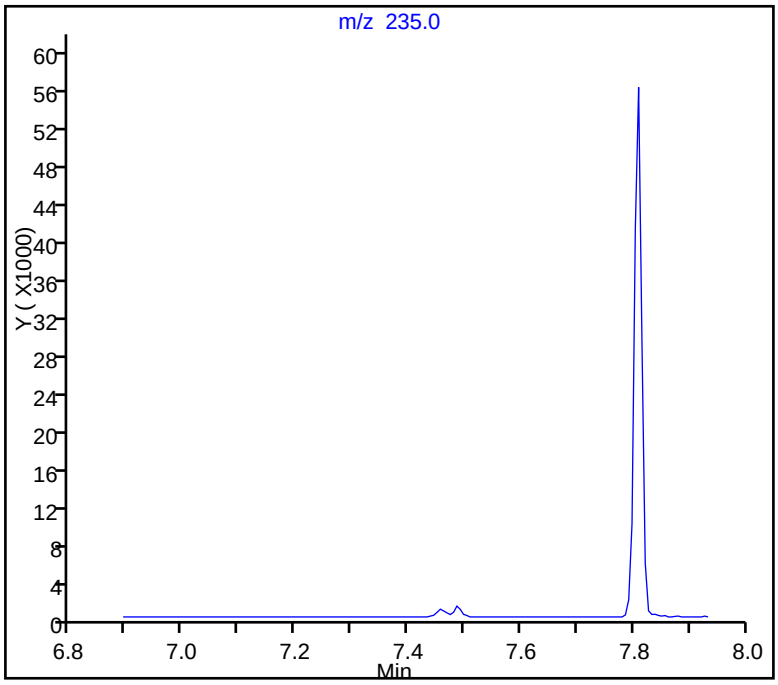
m/z	Y	m/z	Y	m/z	Y	m/z	Y
85.00	88	157.00	37	222.00	350	354.00	141
86.00	258	158.00	86	223.00	292	355.00	21
87.00	168	159.00	184	224.00	3123	365.00	1050
91.00	152	160.00	253	225.00	679	366.00	96
92.00	139	161.00	267	227.00	1426	372.00	264
93.00	1228	163.00	40	228.00	182	373.00	101
95.00	74	164.00	43	229.00	247	383.00	41
98.00	1034	165.00	189	231.00	98	403.00	143
99.00	828	166.00	193	234.00	118	404.00	128
100.00	21	167.00	960	235.00	47	421.00	124
101.00	401	168.00	541	237.00	136	422.00	108
103.00	179	169.00	52	238.00	30	423.00	739
104.00	286	170.00	67	241.00	46	424.00	246
105.00	245	172.00	50	242.00	223	441.00	1642
106.00	46	173.00	129	243.00	114	442.00	12246
107.00	3172	174.00	209	244.00	2461	443.00	2334
108.00	394	175.00	535	245.00	402	444.00	133
109.00	63	176.00	159	246.00	477		

Breakdown Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS11\20140304-10400.b\z8437.D
Injection Date: 04-Mar-2014 01:20:30 Instrument ID: CBNAMS11
Lims ID: DFTPP Lab Sample ID:
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 55
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R Limit Group: SV 8270 ICAL

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 51300
114 4,4'-DDD, Area = 1113
115 4,4'-DDE, Area = 0

%Breakdown: 2.12%, Max Limit: 20.00%
Passed

Report Date: 04-Mar-2014 14:57:38 Chrom Revision: 2.1 15-Jan-2014 14:06:26

Peak Tailing Report

TestAmerica Edison

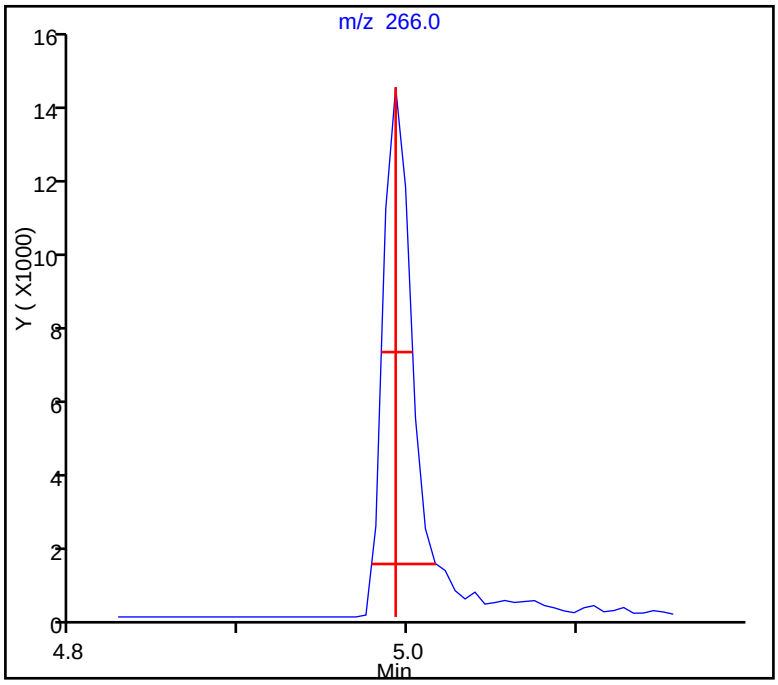
Data File: \\EDICHROM\ChromData\CBNAMS11\20140304-10400.b\z8437.D
Injection Date: 04-Mar-2014 01:20:30 Instrument ID: CBNAMS11
Lims ID: DFTPP Lab Sample ID:
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 55
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R Limit Group: SV 8270 ICAL

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.024 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 1.7, Max. Tailing < 3.00
Passed



Report Date: 04-Mar-2014 14:57:38 Chrom Revision: 2.1 15-Jan-2014 14:06:26

Peak Tailing Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS11\20140304-10400.b\z8437.D

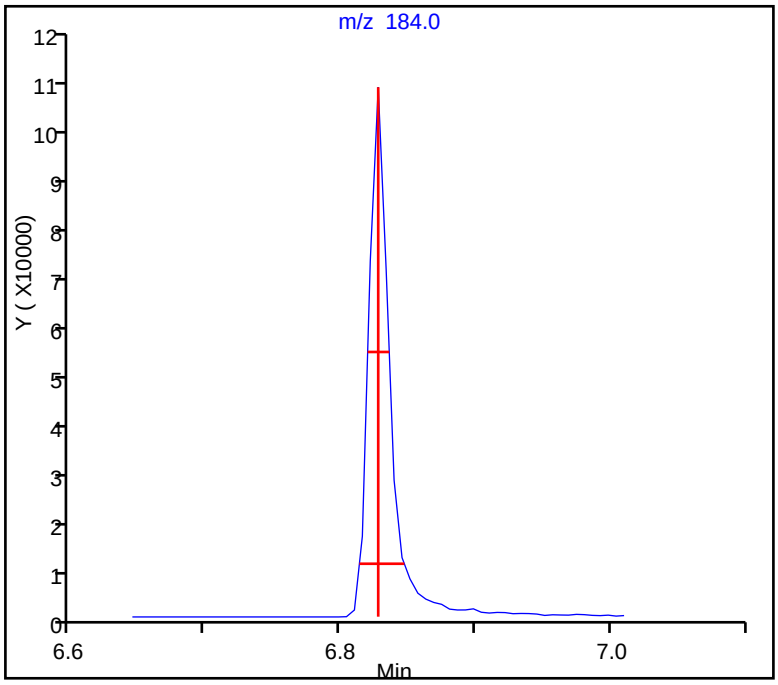
Injection Date:	04-Mar-2014 01:20:30	Instrument ID:	CBNAMS11		
Lims ID:	DFTPP	Lab Sample ID:			
Client ID:					
Operator ID:		ALS Bottle#:	1	Worklist Smp#:	55
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R	Limit Group:	SV 8270 ICAL		

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.019 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 1.4, Max. Tailing < 3.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8773.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 13-Mar-2014 01:17:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010789-001
Misc. Info.: 25 ppm bna 4890
Operator ID: Instrument ID: CBNAMS11

Method: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\8270_11R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 13:07:26 Calib Date: 04-Mar-2014 06:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS11\20140304-10400.b\z8451.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: asfawa Date: 13-Mar-2014 01:40:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	4.799	4.799	0.0	88	11630	NR	7
89 Benzidine_T	184	6.634	6.634	0.0	98	76982	NR	7
120 DFTPP								
115 4,4'-DDE	246	6.869	6.869	0.0	11	670	NR	7
114 4,4'-DDD	235	7.292	7.292	0.0	3	960	NR	7
116 4,4'-DDT	235	7.616	7.616	0.0	96	39358	NR	7

QC Flag Legend

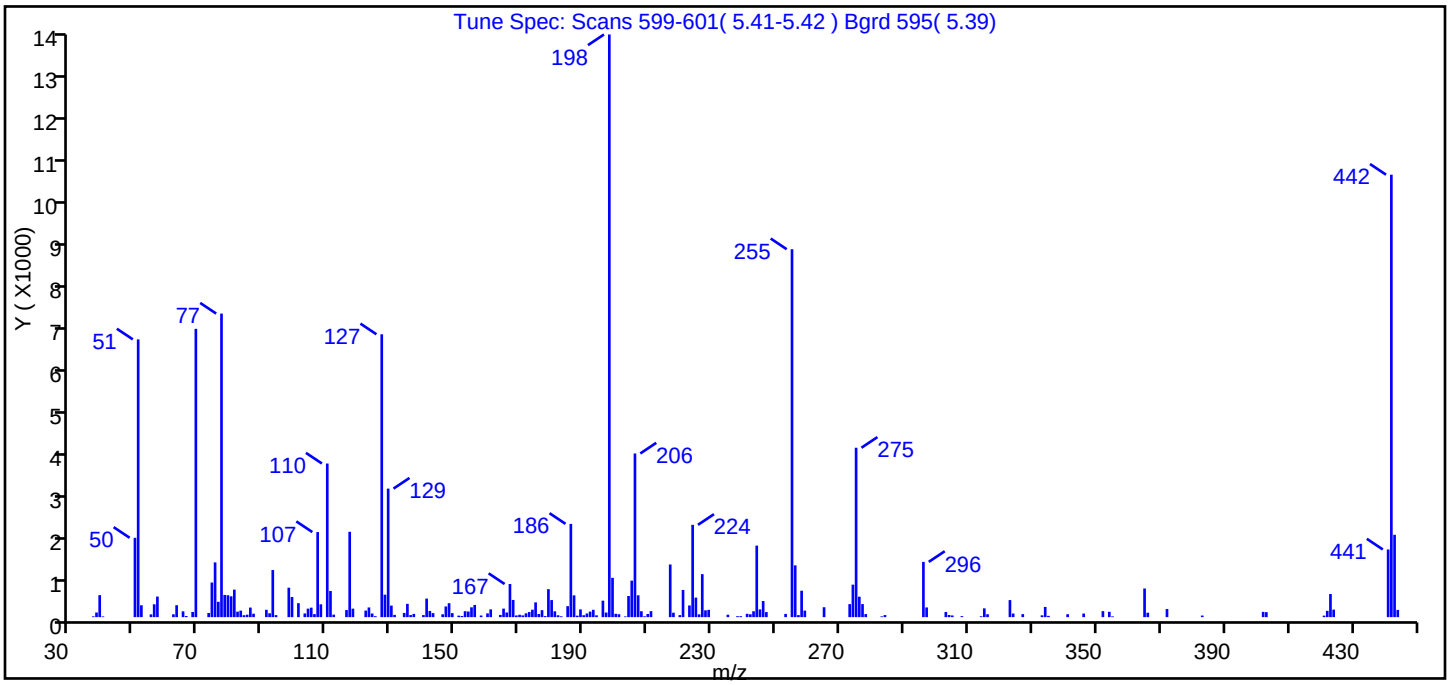
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8773.D
Injection Date: 13-Mar-2014 01:17:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R Limit Group: SV 8270 ICAL
Tune Method: DFTPP Method 8270

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	47.70
68	Less than 2.00% of mass 69	0.90 (1.80)
69	Present	49.50
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	48.50
197	Less than 1.00% of mass 198	0.80
199	5.00 - 9.00% of mass 198	6.70
275	10.00 - 30.00% of mass 198	29.10
365	Greater than 1.00% of mass 198	4.90
441	Present, but less than mass 443	11.60 (82.20)
442	Greater than 40.00% of mass 198	75.90
443	17.00 - 23.00% of mass 442	14.10 (18.60)

Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8773.D\8270_11R.rslt\spectra.d
Injection Date: 13-Mar-2014 01:17:30
Spectrum: Tune Spec: Scans 599-601(5.41-5.42) Bgrd 595(5.39)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 195

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	19	118.00	203	182.00	45	255.00	8797
38.00	111	122.00	157	183.00	20	256.00	1238
39.00	526	123.00	232	185.00	263	257.00	49
40.00	17	124.00	87	186.00	2230	258.00	632
50.00	1897	125.00	23	187.00	521	259.00	156
51.00	6641	127.00	6763	188.00	36	265.00	237
52.00	284	128.00	537	189.00	185	273.00	311
55.00	66	129.00	3073	190.00	46	274.00	777
56.00	307	130.00	276	191.00	87	275.00	4050
57.00	492	131.00	54	192.00	132	276.00	489
62.00	68	134.00	101	193.00	176	277.00	312
63.00	285	135.00	318	194.00	44	278.00	73
65.00	139	136.00	50	196.00	394	283.00	18
66.00	27	137.00	77	197.00	110	284.00	50
68.00	123	140.00	49	198.00	13931	296.00	1321
69.00	6893	141.00	444	199.00	940	297.00	232
73.00	99	142.00	148	200.00	80	303.00	124
74.00	828	143.00	96	201.00	70	304.00	51
75.00	1309	146.00	68	203.00	17	305.00	40
76.00	367	147.00	256	204.00	506	308.00	24
77.00	7258	148.00	333	205.00	873	314.00	20
78.00	531	149.00	96	206.00	3913	315.00	210
79.00	524	151.00	36	207.00	522	316.00	69
80.00	498	152.00	28	208.00	141	323.00	408
81.00	658	153.00	142	209.00	20	324.00	86
82.00	131	154.00	135	210.00	75	327.00	72
83.00	156	155.00	235	211.00	143	333.00	43
84.00	46	156.00	292	217.00	1259	334.00	244
85.00	59	158.00	39	218.00	106	335.00	31
86.00	229	160.00	90	220.00	48	341.00	70
87.00	82	161.00	186	221.00	650	346.00	86
91.00	176	164.00	53	223.00	279	352.00	144
92.00	92	165.00	204	224.00	2207	354.00	128

Report Date: 13-Mar-2014 13:07:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8773.D\8270_11R.rslt\spectra.d
Injection Date: 13-Mar-2014 01:17:30
Spectrum: Tune Spec: Scans 599-601(5.41-5.42) Bgrd 595(5.39)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 195

m/z	Y	m/z	Y	m/z	Y	m/z	Y
93.00	1126	166.00	111	225.00	467	355.00	18
94.00	48	167.00	792	226.00	67	365.00	685
98.00	704	168.00	411	227.00	1028	366.00	106
99.00	482	169.00	40	228.00	163	372.00	194
101.00	334	170.00	57	229.00	174	383.00	38
103.00	88	171.00	42	235.00	58	402.00	126
104.00	203	172.00	91	238.00	23	403.00	120
105.00	227	173.00	122	239.00	23	421.00	36
106.00	72	174.00	178	241.00	80	422.00	151
107.00	2034	175.00	353	242.00	68	423.00	553
108.00	307	176.00	75	243.00	141	424.00	180
110.00	3673	177.00	167	244.00	1710	441.00	1618
111.00	626	178.00	25	245.00	185	442.00	10579
112.00	59	179.00	669	246.00	386	443.00	1969
116.00	170	180.00	408	247.00	121	444.00	173
117.00	2041	181.00	139	253.00	77		

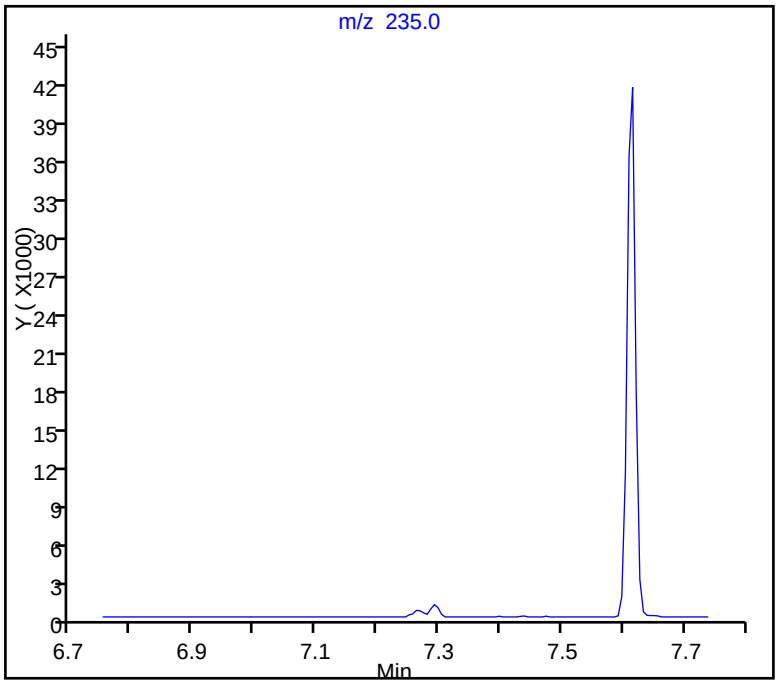
Report Date: 13-Mar-2014 13:07:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Breakdown Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8773.D
Injection Date: 13-Mar-2014 01:17:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R Limit Group: SV 8270 ICAL

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 39358
114 4,4'-DDD, Area = 960
115 4,4'-DDE, Area = 670

%Breakdown: 3.98%, Max Limit: 20.00%
Passed

Report Date: 13-Mar-2014 13:07:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Peak Tailing Report

TestAmerica Edison

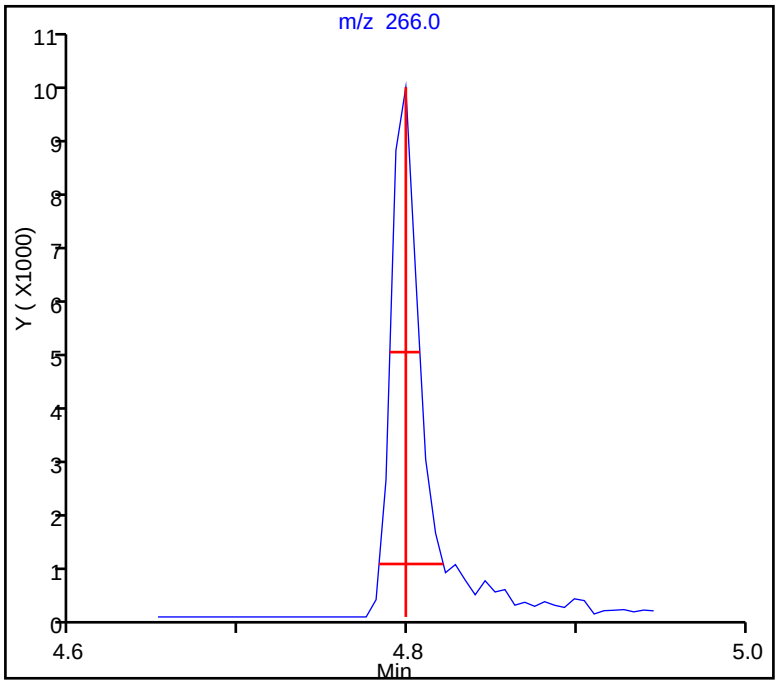
Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8773.D
Injection Date: 13-Mar-2014 01:17:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R Limit Group: SV 8270 ICAL

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.022 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.4, Max. Tailing < 3.00
Passed



Report Date: 13-Mar-2014 13:07:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Peak Tailing Report

TestAmerica Edison

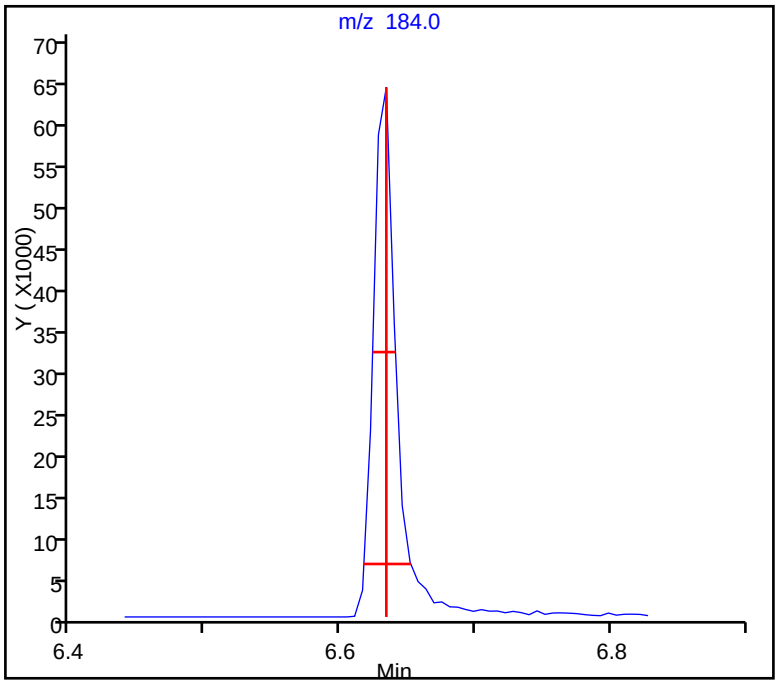
Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8773.D
Injection Date: 13-Mar-2014 01:17:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R Limit Group: SV 8270 ICAL

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.018 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.1, Max. Tailing < 3.00
Passed



Report Date: 10-Mar-2014 14:34:38 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147700.D
Lims ID: DFTPP Lab Sample ID:
Client ID:
Sample Type: DFTPP
Inject. Date: 05-Mar-2014 17:04:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010493-001
Misc. Info.: DFTPP
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 10-Mar-2014 14:34:37 Calib Date: 05-Mar-2014 23:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147714.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: ranav Date: 05-Mar-2014 17:18:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	4.122	4.122	0.0	89	41048	NR	7
89 Benzidine_T	184	5.928	5.928	0.0	99	171749	NR	7
120 DFTPP								
114 4,4'-DDD	235	6.551	6.551	0.0	50	6323	NR	7
116 4,4'-DDT	235	6.904	6.904	0.0	96	86931	NR	7

QC Flag Legend

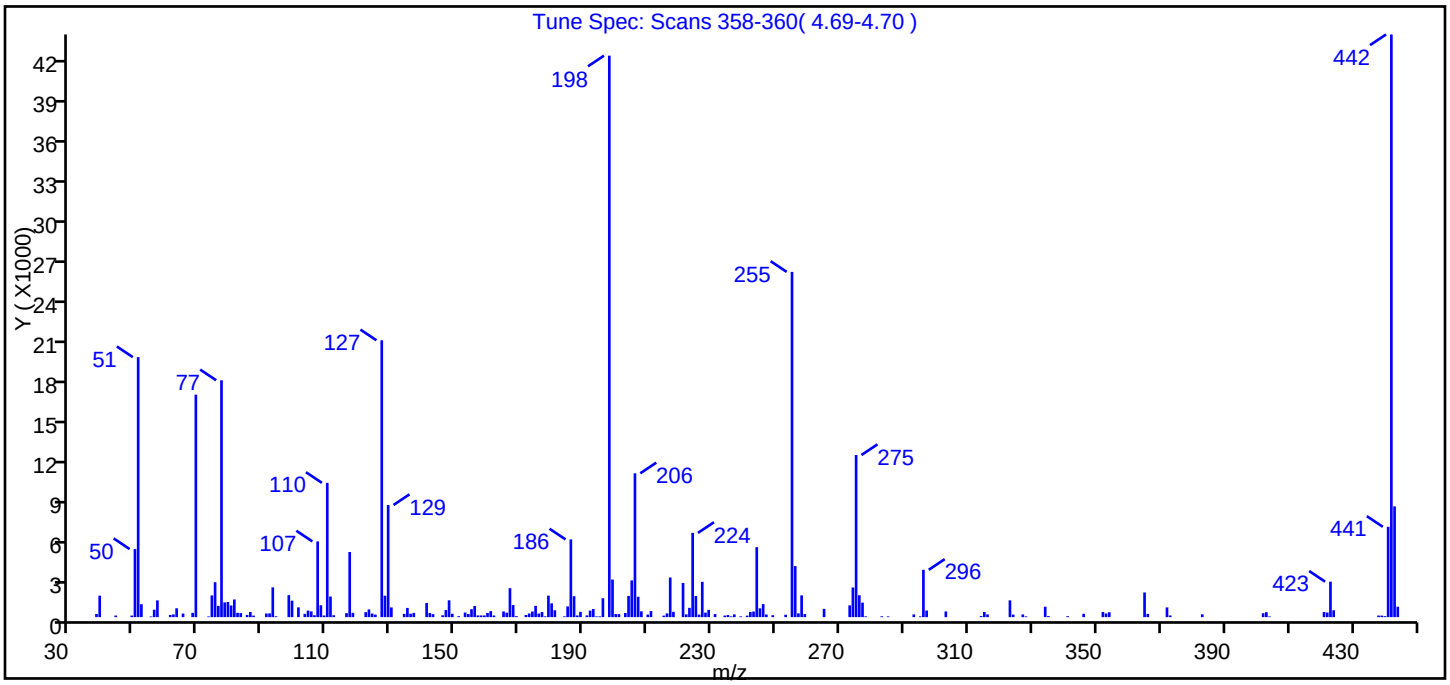
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147700.D
Injection Date: 05-Mar-2014 17:04:30 Instrument ID: CBNAMS12
Lims ID: DFTPP Lab Sample ID:
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270 ICAL
Tune Method: DFTPP Method 8270

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	46.30
68	Less than 2.00% of mass 69	0.80 (1.90)
69	Present	39.60
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	49.30
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.70
275	10.00 - 30.00% of mass 198	28.90
365	Greater than 1.00% of mass 198	4.40
441	Present, but less than mass 443%	16.10 (81.50)
442	Greater than 40.00% of mass 198	103.80
443	17.00 - 23.00% of mass 442	19.70 (19.00)

Report Date: 10-Mar-2014 14:34:38 Chrom Revision: 2.1 15-Jan-2014 14:06:26

Data File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147700.D\8270_12R.rslt\spectra.d
Injection Date: 05-Mar-2014 17:04:30
Spectrum: Tune Spec: Scans 358-360(4.69-4.70)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 199

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	238	122.00	370	189.00	392	258.00	1620
39.00	1601	123.00	573	191.00	127	259.00	230
44.00	120	124.00	267	192.00	487	265.00	616
49.00	118	125.00	188	193.00	604	273.00	876
50.00	5065	127.00	20600	194.00	52	274.00	2208
51.00	19344	128.00	1596	195.00	57	275.00	12062
52.00	964	129.00	8344	196.00	1409	276.00	1627
55.00	50	130.00	721	198.00	41776	277.00	1077
56.00	555	134.00	246	199.00	2797	278.00	58
57.00	1245	135.00	686	200.00	228	283.00	65
61.00	166	136.00	254	201.00	227	285.00	56
62.00	201	137.00	317	203.00	314	293.00	202
63.00	660	141.00	1053	204.00	1579	295.00	55
65.00	268	142.00	306	205.00	2733	296.00	3521
68.00	321	143.00	219	206.00	10702	297.00	492
69.00	16552	146.00	138	207.00	1515	303.00	423
73.00	52	147.00	533	208.00	433	314.00	78
74.00	1618	148.00	1253	210.00	190	315.00	383
75.00	2599	149.00	253	211.00	449	316.00	203
76.00	839	151.00	71	215.00	114	323.00	1249
77.00	17624	153.00	344	216.00	278	324.00	192
78.00	1096	154.00	231	217.00	2949	327.00	201
79.00	1131	155.00	593	218.00	397	328.00	57
80.00	867	156.00	829	221.00	2546	334.00	773
81.00	1315	157.00	129	222.00	206	335.00	77
82.00	323	158.00	127	223.00	692	341.00	72
83.00	301	159.00	125	224.00	6269	346.00	247
85.00	166	160.00	316	225.00	1576	352.00	384
86.00	381	161.00	451	226.00	191	353.00	272
87.00	115	162.00	121	227.00	2628	354.00	363
91.00	272	165.00	424	228.00	335	365.00	1835
92.00	283	166.00	331	229.00	543	366.00	241
93.00	2215	167.00	2154	231.00	227	372.00	724

Report Date: 10-Mar-2014 14:34:38 Chrom Revision: 2.1 15-Jan-2014 14:06:26
Data File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147700.D\8270_12R.rslt\spectra.d
Injection Date: 05-Mar-2014 17:04:30
Spectrum: Tune Spec: Scans 358-360(4.69-4.70)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 199

m/z	Y	m/z	Y	m/z	Y	m/z	Y
94.00	61	168.00	897	234.00	115	373.00	124
98.00	1638	169.00	73	235.00	155	383.00	211
99.00	1224	172.00	161	236.00	55	402.00	292
101.00	727	173.00	270	237.00	200	403.00	370
103.00	251	174.00	418	239.00	58	404.00	50
104.00	489	175.00	841	241.00	113	421.00	384
105.00	426	176.00	266	242.00	389	422.00	341
106.00	140	177.00	379	243.00	417	423.00	2639
107.00	5636	178.00	57	244.00	5206	424.00	512
108.00	887	179.00	1601	245.00	656	438.00	120
109.00	122	180.00	1026	246.00	972	439.00	115
110.00	9992	181.00	511	247.00	197	440.00	75
111.00	1532	184.00	57	249.00	146	441.00	6721
112.00	141	185.00	801	253.00	181	442.00	43352
116.00	300	186.00	5784	255.00	25688	443.00	8242
117.00	4847	187.00	1558	256.00	3800	444.00	776
118.00	323	188.00	125	257.00	279		

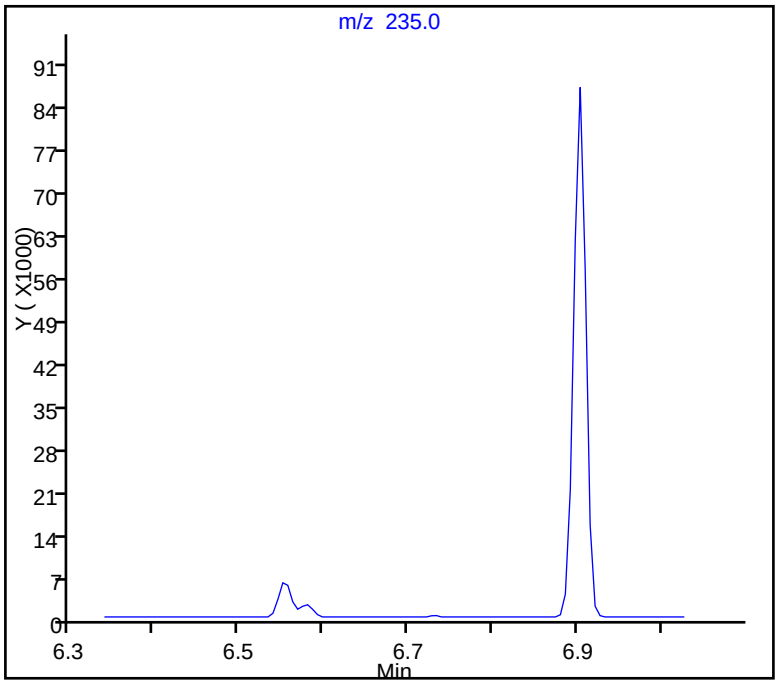
Report Date: 10-Mar-2014 14:34:38 Chrom Revision: 2.1 15-Jan-2014 14:06:26

Breakdown Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147700.D				
Injection Date:	05-Mar-2014 17:04:30	Instrument ID:	CBNAMS12		
Lims ID:	DFTPP	Lab Sample ID:			
Client ID:					
Operator ID:	BNA 12	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 86931
114 4,4'-DDD, Area = 6323
115 4,4'-DDE, Area = 0

%Breakdown: 6.78%, Max Limit: 20.00%
Passed

Report Date: 10-Mar-2014 14:34:38 Chrom Revision: 2.1 15-Jan-2014 14:06:26

Peak Tailing Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147700.D

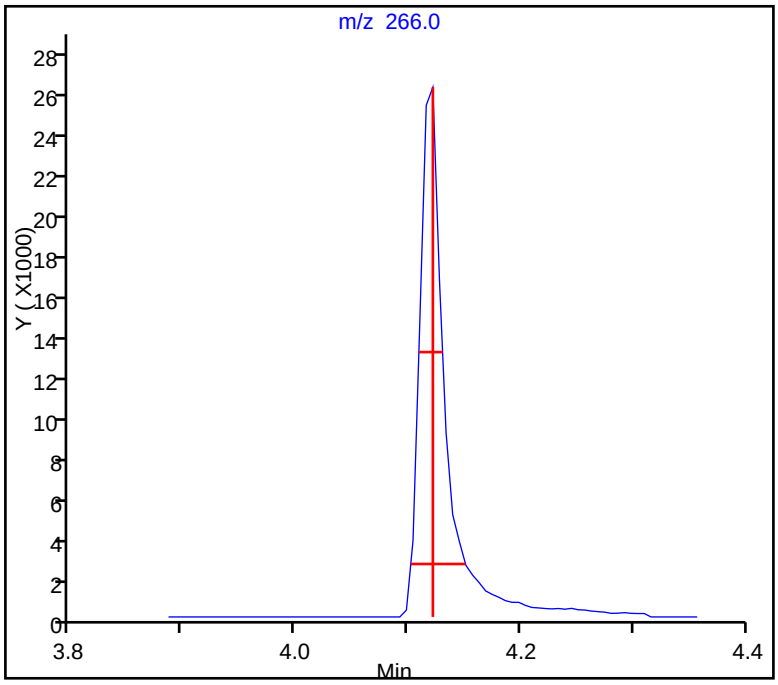
Injection Date:	05-Mar-2014 17:04:30	Instrument ID:	CBNAMS12		
Lims ID:	DFTPP	Lab Sample ID:			
Client ID:					
Operator ID:	BNA 12	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.029 (min.)
Front Width = 0.020 (min.)

Tailing Factor = 1.5, Max. Tailing < 3.00
Passed



Report Date: 10-Mar-2014 14:34:38 Chrom Revision: 2.1 15-Jan-2014 14:06:26

Peak Tailing Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147700.D

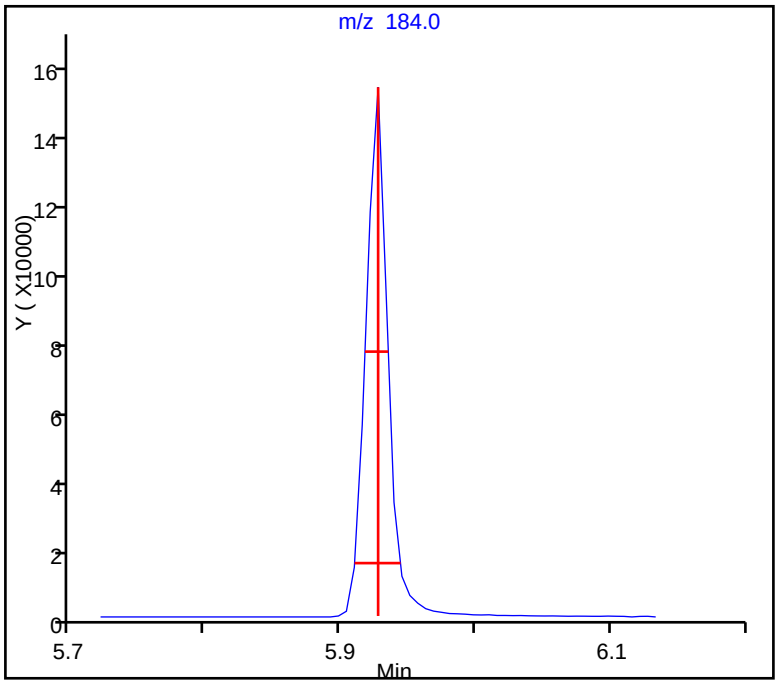
Injection Date:	05-Mar-2014 17:04:30	Instrument ID:	CBNAMS12		
Lims ID:	DFTPP	Lab Sample ID:			
Client ID:					
Operator ID:	BNA 12	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R	Limit Group:	SV 8270 ICAL		

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 0.9, Max. Tailing < 3.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147858.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 11-Mar-2014 16:05:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010722-001
Misc. Info.: DFTPP
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 12-Mar-2014 12:39:16 Calib Date: 05-Mar-2014 23:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147714.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: ranav Date: 11-Mar-2014 16:16:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	4.016	4.016	0.0	82	16977	NR	7
89 Benzidine_T	184	5.822	5.822	0.0	99	166247	NR	7
120 DFTPP								
114 4,4'-DDD	235	6.451	6.451	0.0	1	330	NR	7
116 4,4'-DDT	235	6.798	6.798	0.0	92	50282	NR	7

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

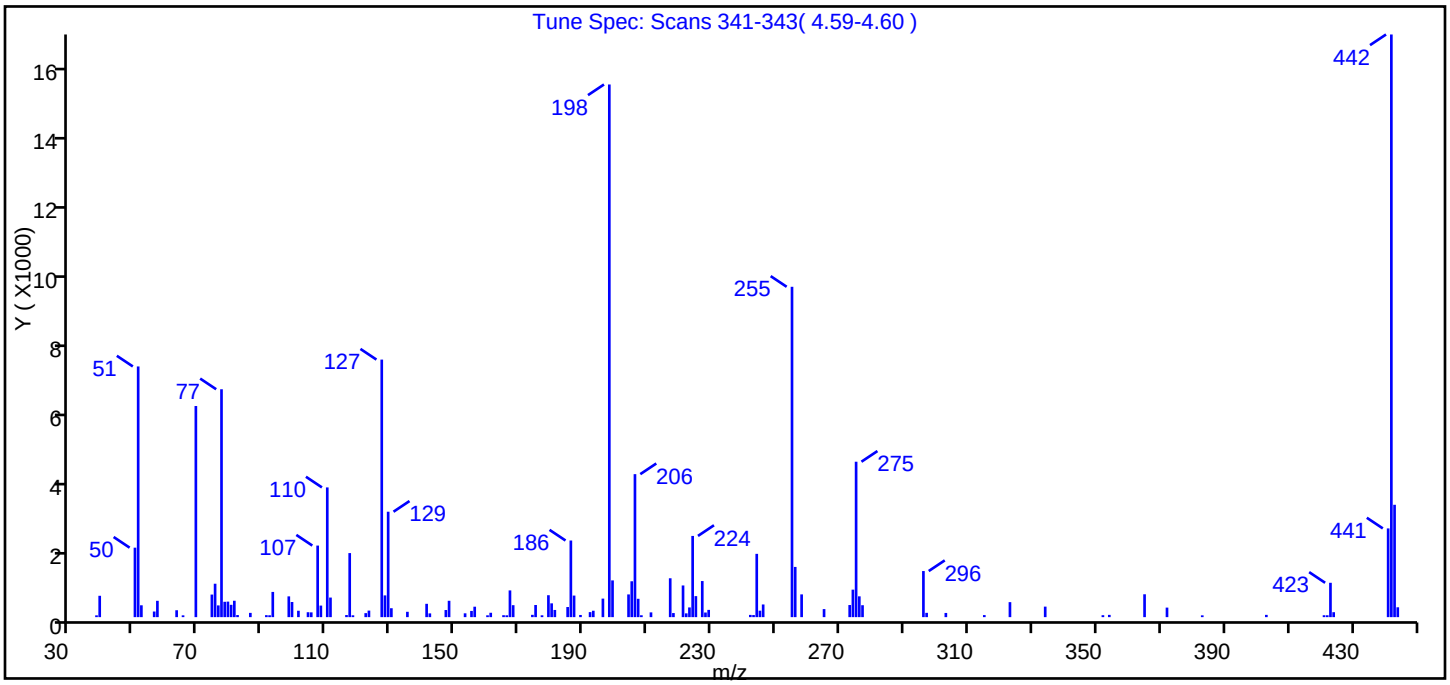
Report Date: 12-Mar-2014 12:39:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147858.D
Injection Date: 11-Mar-2014 16:05:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270 ICAL
Tune Method: DFTPP Method 8270

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	47.10
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	39.60
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	48.40
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.90
275	10.00 - 30.00% of mass 198	29.20
365	Greater than 1.00% of mass 198	4.30
441	Present, but less than mass 443	16.70 (79.00)
442	Greater than 40.00% of mass 198	109.40
443	17.00 - 23.00% of mass 442	21.10 (19.30)

Report Date: 12-Mar-2014 12:39:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147858.D\8270_12R.rslt\spectra.d
Injection Date: 11-Mar-2014 16:05:30
Spectrum: Tune Spec: Scans 341-343(4.59-4.60)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 120

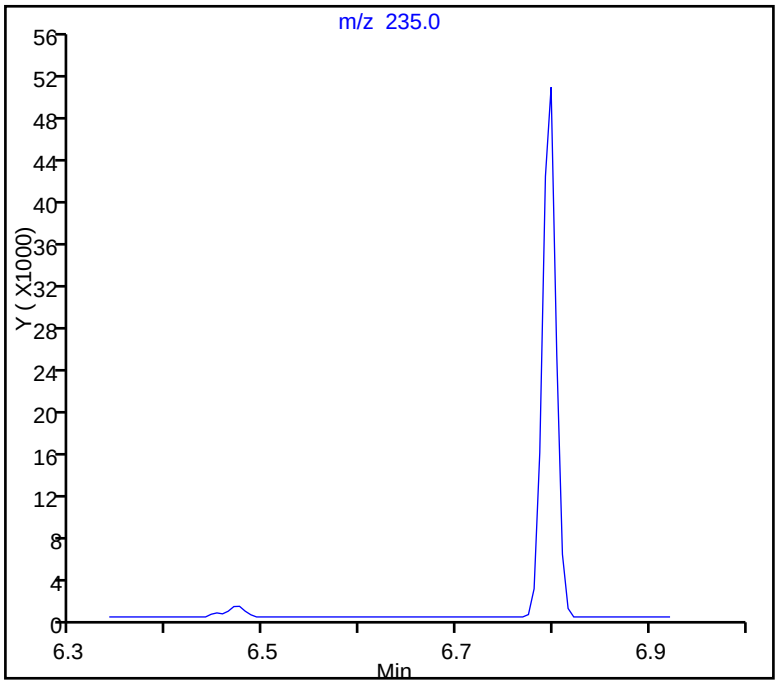
m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	50	110.00	3591	181.00	199	246.00	351
39.00	591	111.00	542	185.00	280	255.00	9144
50.00	1923	116.00	58	186.00	2121	256.00	1390
51.00	6939	117.00	1773	187.00	597	258.00	630
52.00	328	118.00	51	189.00	60	265.00	223
56.00	156	122.00	111	192.00	139	273.00	335
57.00	452	123.00	181	193.00	177	274.00	761
63.00	191	127.00	7129	196.00	513	275.00	4302
65.00	50	128.00	602	198.00	14744	276.00	576
69.00	5844	129.00	2918	199.00	1017	277.00	330
74.00	625	130.00	247	204.00	629	296.00	1276
75.00	925	135.00	148	205.00	993	297.00	119
76.00	325	141.00	369	206.00	3958	303.00	116
77.00	6308	142.00	104	207.00	508	315.00	57
78.00	425	147.00	197	208.00	52	323.00	415
79.00	430	148.00	453	211.00	132	334.00	291
80.00	341	153.00	106	217.00	1076	352.00	54
81.00	454	155.00	172	218.00	113	354.00	63
82.00	58	156.00	289	221.00	877	365.00	633
86.00	118	160.00	51	222.00	105	372.00	264
91.00	55	161.00	121	223.00	269	383.00	50
92.00	52	165.00	54	224.00	2248	403.00	63
93.00	698	166.00	51	225.00	582	421.00	53
98.00	575	167.00	740	227.00	999	422.00	52
99.00	419	168.00	331	228.00	128	423.00	951
101.00	177	174.00	64	229.00	201	424.00	137
104.00	136	175.00	336	242.00	62	441.00	2456
105.00	132	177.00	51	243.00	58	442.00	16128
107.00	1981	179.00	607	244.00	1752	443.00	3110
108.00	320	180.00	382	245.00	179	444.00	273

Breakdown Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147858.D
Injection Date: 11-Mar-2014 16:05:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270 ICAL

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 50282
114 4,4'-DDD, Area = 330
115 4,4'-DDE, Area = 0

%Breakdown: 0.65%, Max Limit: 20.00%
Passed

Report Date: 12-Mar-2014 12:39:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Peak Tailing Report

TestAmerica Edison

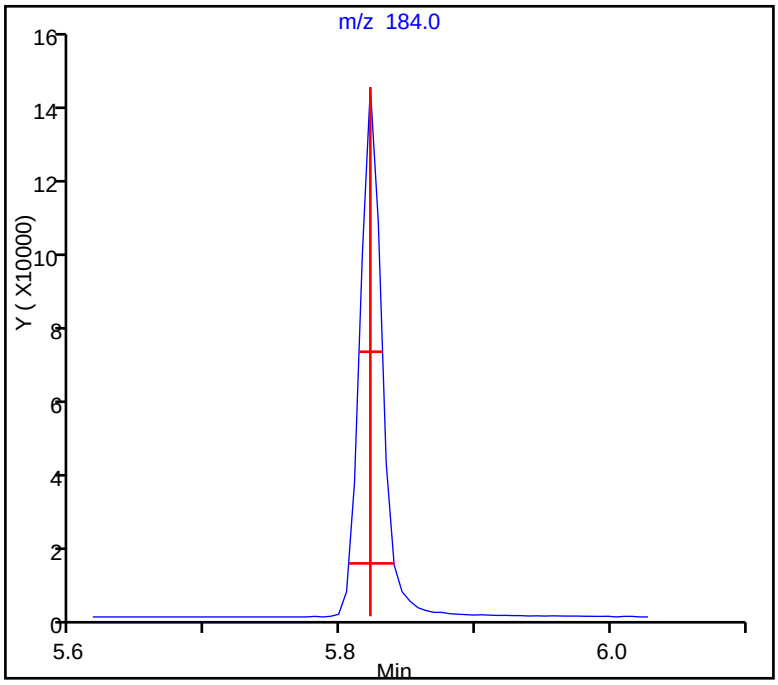
Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147858.D
Injection Date: 11-Mar-2014 16:05:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270 ICAL

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.018 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.1, Max. Tailing < 3.00
Passed



Report Date: 12-Mar-2014 12:39:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Peak Tailing Report

TestAmerica Edison

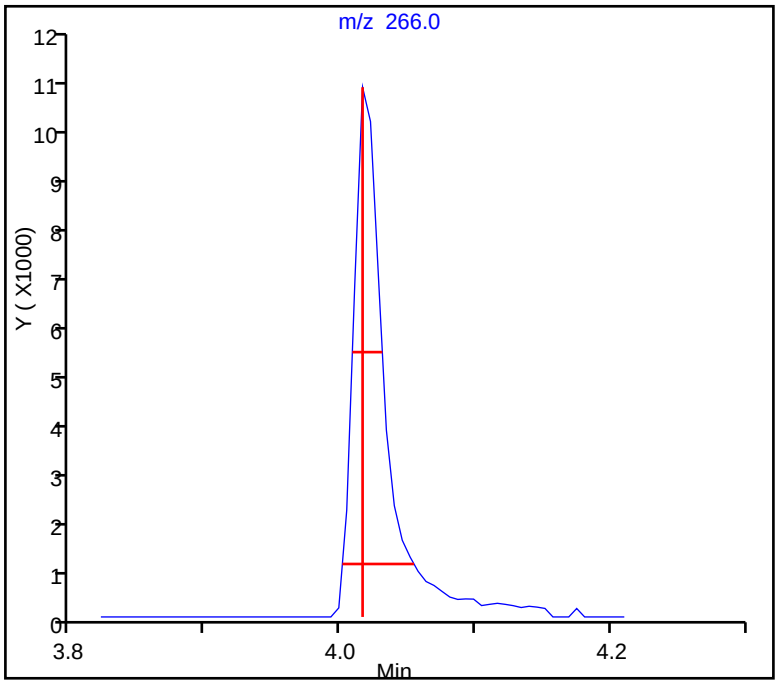
Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147858.D
Injection Date: 11-Mar-2014 16:05:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270 ICAL

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.038 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 2.5, Max. Tailing < 3.00
Passed



Report Date: 14-Mar-2014 12:18:58 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147911.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 13-Mar-2014 02:20:30 ALS Bottle#: 1 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010790-004
Misc. Info.: DFTPP
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 12:18:57 Calib Date: 05-Mar-2014 23:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147714.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: asfawa Date: 13-Mar-2014 03:21:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	4.016	4.016	0.0	81	17810	NR	7
89 Benzidine_T	184	5.816	5.816	0.0	98	147945	NR	7
120 DFTPP								
114 4,4'-DDD	235	6.445	6.445	0.0	1	1771	NR	7
116 4,4'-DDT	235	6.792	6.792	0.0	91	48349	NR	7

QC Flag Legend

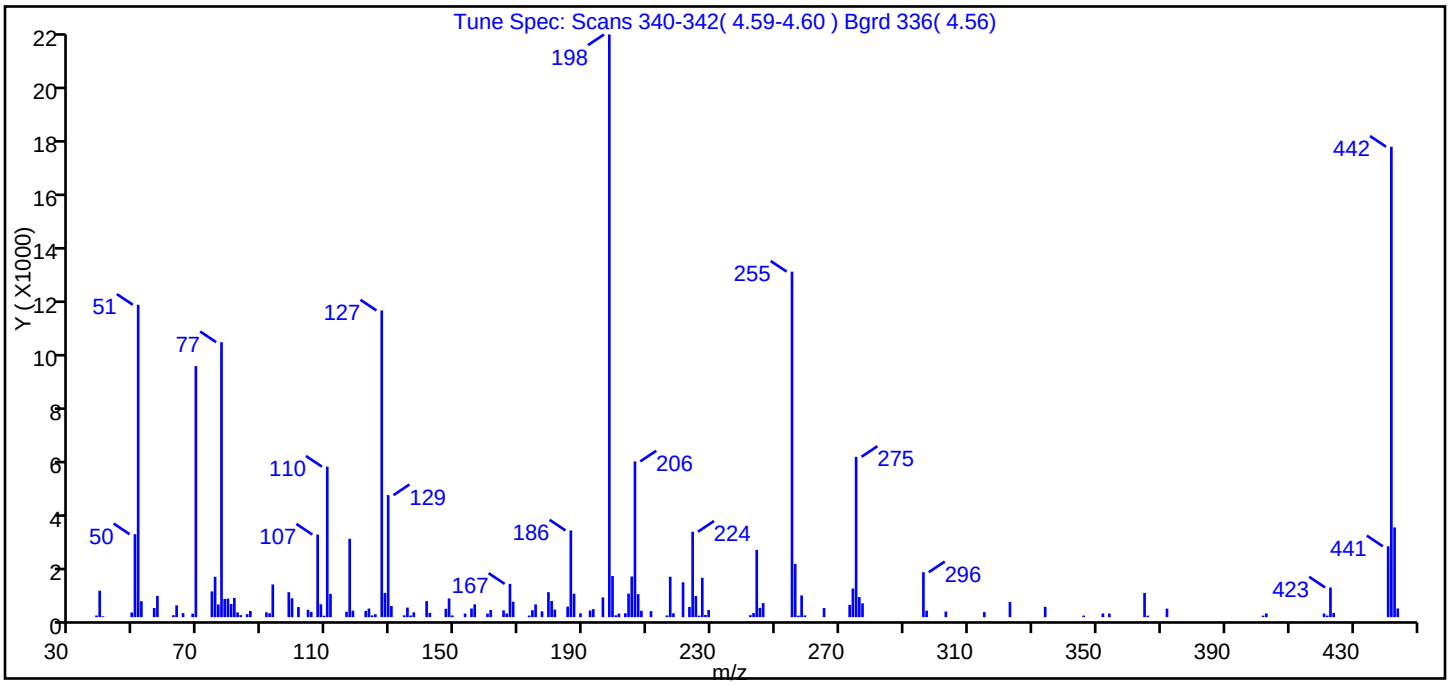
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147911.D
Injection Date: 13-Mar-2014 02:20:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270 ICAL
Tune Method: DFTPP Method 8270

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	53.60
68	Less than 2.00% of mass 69	0.60 (1.40)
69	Present	43.10
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	52.60
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.10
275	10.00 - 30.00% of mass 198	27.50
365	Greater than 1.00% of mass 198	4.10
441	Present, but less than mass 443	12.20 (78.90)
442	Greater than 40.00% of mass 198	80.70
443	17.00 - 23.00% of mass 442	15.40 (19.10)

Report Date: 14-Mar-2014 12:18:58 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147911.D\8270_12R.rslt\spectra.d
Injection Date: 13-Mar-2014 02:20:30
Spectrum: Tune Spec: Scans 340-342(4.59-4.60) Bgrd 336(4.56)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 142

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	59	109.00	51	179.00	901	246.00	507
39.00	954	110.00	5428	180.00	583	255.00	12462
40.00	32	111.00	842	181.00	273	256.00	1921
49.00	169	116.00	194	185.00	380	257.00	56
50.00	2991	117.00	2826	186.00	3126	258.00	784
51.00	11267	118.00	233	187.00	847	259.00	64
52.00	575	122.00	227	189.00	139	265.00	331
56.00	328	123.00	309	192.00	240	273.00	445
57.00	767	124.00	63	193.00	289	274.00	1032
62.00	70	125.00	106	196.00	711	275.00	5782
63.00	424	127.00	11062	198.00	21016	276.00	723
65.00	145	128.00	874	199.00	1483	277.00	498
68.00	126	129.00	4401	200.00	65	296.00	1620
69.00	9055	130.00	400	201.00	127	297.00	235
74.00	930	134.00	65	203.00	140	303.00	203
75.00	1455	135.00	345	204.00	848	315.00	183
76.00	456	136.00	60	205.00	1466	323.00	549
77.00	9918	137.00	175	206.00	5617	334.00	371
78.00	655	141.00	576	207.00	830	346.00	57
79.00	669	142.00	151	208.00	232	352.00	134
80.00	473	147.00	303	211.00	217	354.00	130
81.00	693	148.00	675	216.00	61	365.00	872
82.00	172	149.00	62	217.00	1456	366.00	52
83.00	73	153.00	128	218.00	139	372.00	308
85.00	108	155.00	311	221.00	1258	402.00	56
86.00	223	156.00	462	223.00	369	403.00	134
91.00	174	160.00	129	224.00	3081	421.00	129
92.00	142	161.00	258	225.00	764	422.00	56
93.00	1179	165.00	245	226.00	53	423.00	1071
98.00	899	166.00	132	227.00	1420	424.00	153
99.00	682	167.00	1200	228.00	79	441.00	2555
101.00	364	168.00	558	229.00	254	442.00	16968
104.00	266	173.00	58	242.00	71	443.00	3237

Report Date: 14-Mar-2014 12:18:58 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147911.D\8270_12R.rslt\spectra.d
Injection Date: 13-Mar-2014 02:20:30
Spectrum: Tune Spec: Scans 340-342(4.59-4.60) Bgrd 336(4.56)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 142

m/z	Y	m/z	Y	m/z	Y	m/z	Y
105.00	190	174.00	250	243.00	148	444.00	314
107.00	2978	175.00	461	244.00	2426		
108.00	465	177.00	208	245.00	335		

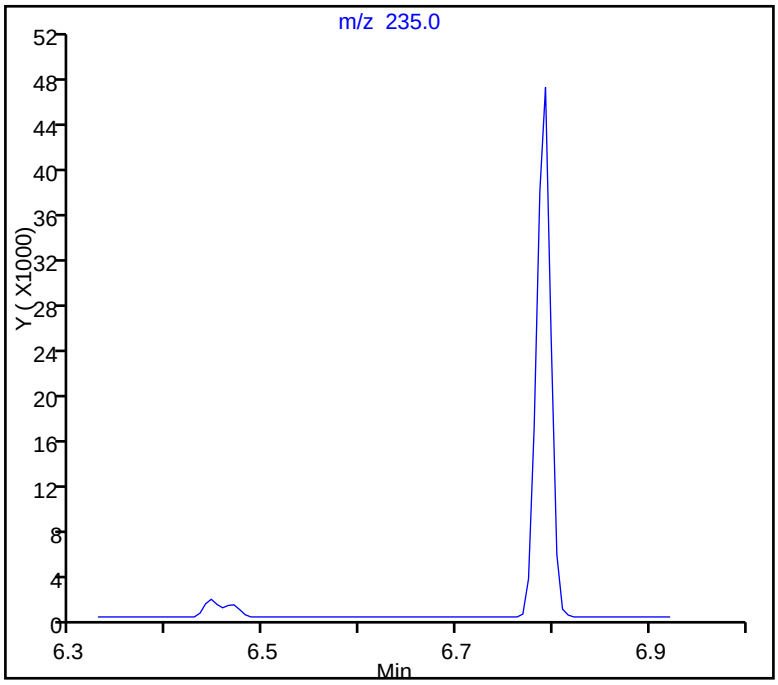
Report Date: 14-Mar-2014 12:18:58 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Breakdown Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147911.D
Injection Date: 13-Mar-2014 02:20:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270 ICAL

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 48349
114 4,4'-DDD, Area = 1771
115 4,4'-DDE, Area = 0

%Breakdown: 3.53%, Max Limit: 20.00%
Passed

Report Date: 14-Mar-2014 12:18:58 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Peak Tailing Report

TestAmerica Edison

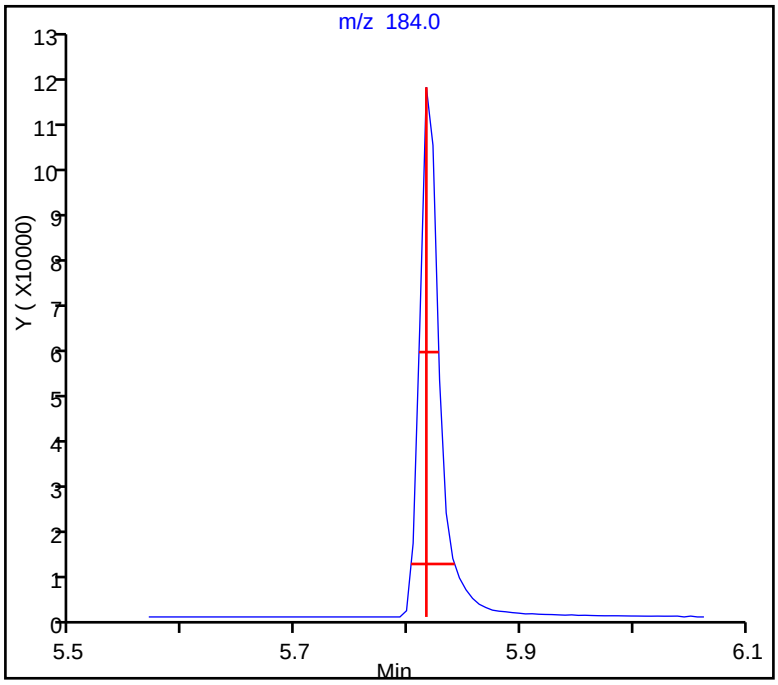
Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147911.D
Injection Date: 13-Mar-2014 02:20:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270 ICAL

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.025 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 1.9, Max. Tailing < 3.00
Passed



Report Date: 14-Mar-2014 12:18:58 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Peak Tailing Report

TestAmerica Edison

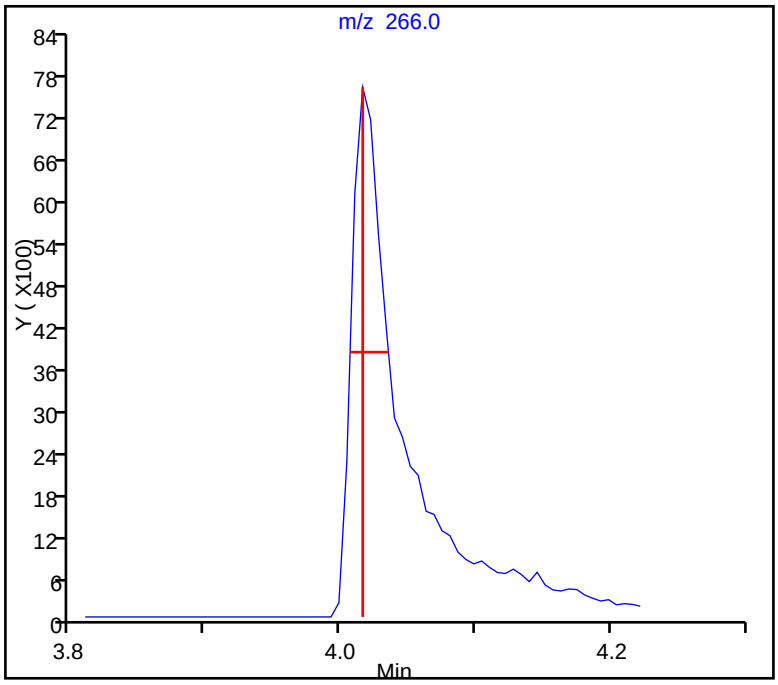
Data File: \\EDICHROM\ChromData\CBNAMS12\20140313-10790.b\L1147911.D
Injection Date: 13-Mar-2014 02:20:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270 ICAL

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.000 (min.)
Front Width = 0.000 (min.)

Tailing Factor = 0.0, Max. Tailing < 3.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147925.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 14-Mar-2014 02:15:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010840-001
Misc. Info.: DFTPP
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 15:06:46 Calib Date: 05-Mar-2014 23:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147714.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: szczecha Date: 14-Mar-2014 15:06:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	3.987	3.987	0.0	85	17696	NR	7
89 Benzidine_T	184	5.792	5.792	0.0	98	107676	NR	7
120 DFTPP								
114 4,4'-DDD	235	6.440	6.440	0.0	1	1450	NR	7
116 4,4'-DDT	235	6.769	6.769	0.0	92	52972	NR	7

QC Flag Legend

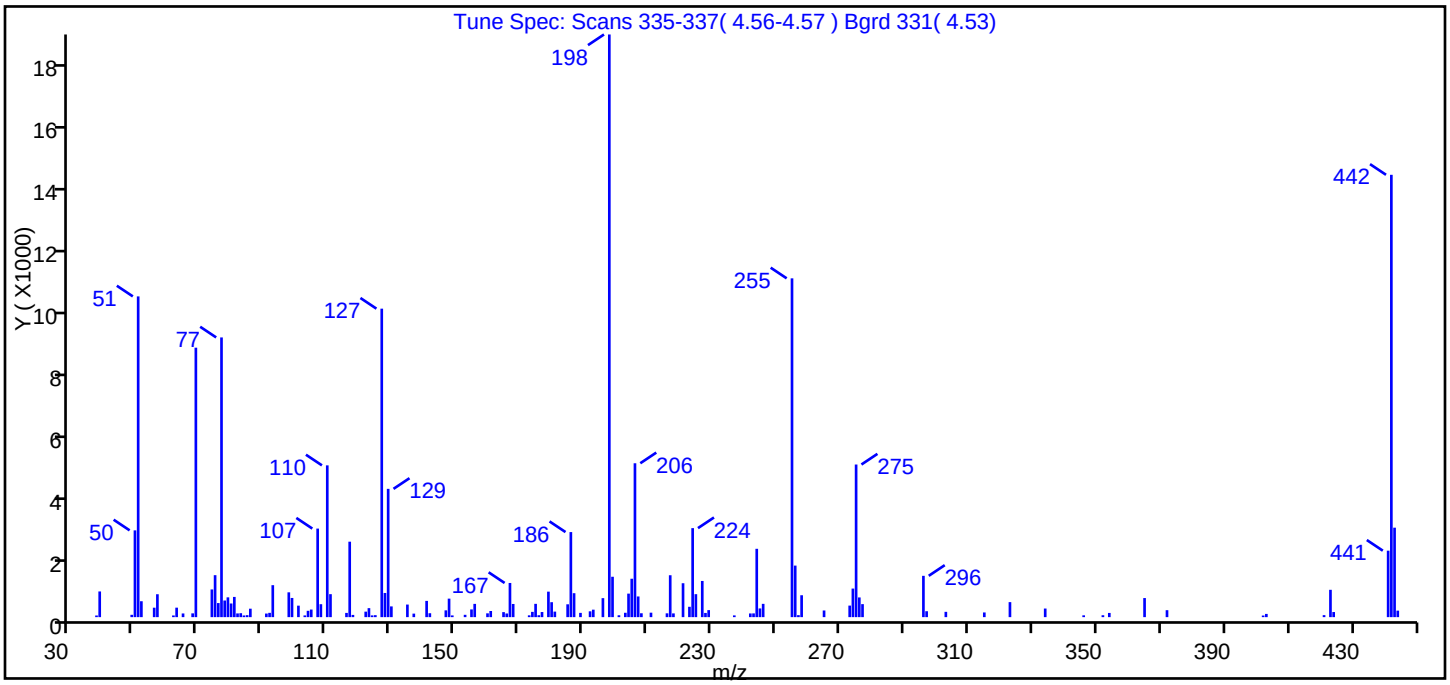
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147925.D
Injection Date: 14-Mar-2014 02:15:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270 ICAL
Tune Method: DFTPP Method 8270

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	55.00
68	Less than 2.00% of mass 69	0.60 (1.40)
69	Present	46.20
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	52.90
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.90
275	10.00 - 30.00% of mass 198	26.20
365	Greater than 1.00% of mass 198	3.30
441	Present, but less than mass 443	11.40 (74.30)
442	Greater than 40.00% of mass 198	75.90
443	17.00 - 23.00% of mass 442	15.40 (20.20)

Report Date: 14-Mar-2014 15:06:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147925.D\8270_12R.rslt\spectra.d
Injection Date: 14-Mar-2014 02:15:30
Spectrum: Tune Spec: Scans 335-337(4.56-4.57) Bgrd 331(4.53)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 137

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	51	107.00	2737	177.00	158	245.00	269
39.00	794	108.00	400	179.00	788	246.00	411
49.00	72	110.00	4691	180.00	462	255.00	10471
50.00	2682	111.00	710	181.00	171	256.00	1593
51.00	9913	116.00	131	185.00	397	257.00	62
52.00	492	117.00	2332	186.00	2629	258.00	677
56.00	292	118.00	69	187.00	740	265.00	206
57.00	708	122.00	170	189.00	132	273.00	357
62.00	52	123.00	278	192.00	180	274.00	883
63.00	293	124.00	54	193.00	231	275.00	4717
65.00	114	125.00	61	196.00	587	276.00	609
68.00	117	127.00	9534	198.00	18008	277.00	402
69.00	8328	128.00	747	199.00	1248	296.00	1277
74.00	856	129.00	3965	201.00	58	297.00	183
75.00	1297	130.00	332	203.00	135	303.00	164
76.00	435	135.00	389	204.00	727	315.00	145
77.00	8645	137.00	109	205.00	1187	323.00	464
78.00	514	141.00	502	206.00	4756	334.00	266
79.00	612	142.00	121	207.00	639	346.00	56
80.00	422	147.00	210	208.00	120	352.00	59
81.00	625	148.00	572	211.00	138	354.00	130
82.00	115	149.00	53	216.00	118	365.00	590
83.00	122	153.00	72	217.00	1295	372.00	215
84.00	52	155.00	239	218.00	116	402.00	50
85.00	61	156.00	410	221.00	1048	403.00	100
86.00	261	160.00	118	223.00	320	421.00	62
91.00	111	161.00	190	224.00	2751	423.00	845
92.00	133	165.00	155	225.00	710	424.00	158
93.00	988	166.00	113	227.00	1118	441.00	2054
98.00	767	167.00	1056	228.00	130	442.00	13671
99.00	593	168.00	407	229.00	217	443.00	2765
101.00	355	173.00	56	237.00	54	444.00	201
103.00	53	174.00	163	242.00	114		

Report Date: 14-Mar-2014 15:06:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147925.D\8270_12R.rslt\spectra.d
Injection Date: 14-Mar-2014 02:15:30
Spectrum: Tune Spec: Scans 335-337(4.56-4.57) Bgrd 331(4.53)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 137

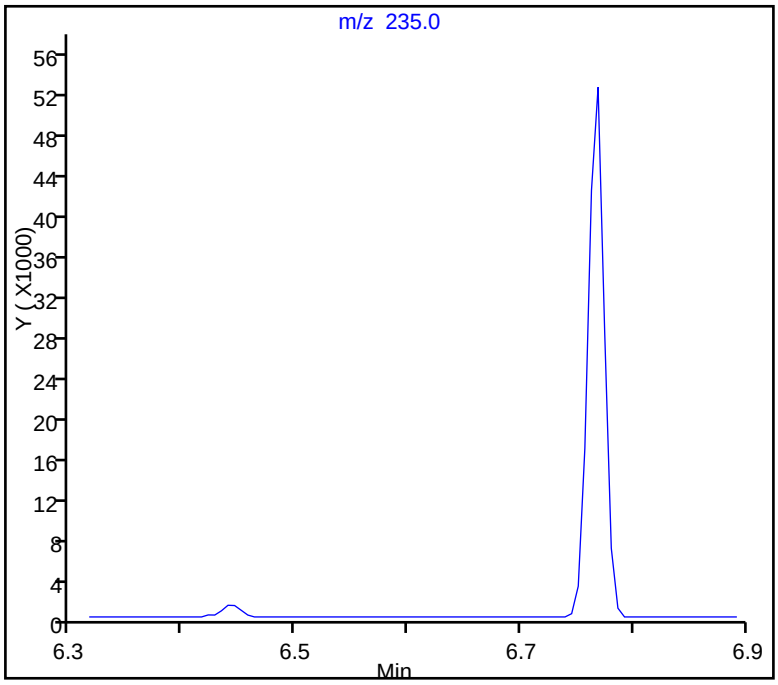
m/z	Y	m/z	Y	m/z	Y	m/z	Y
104.00	196	175.00	411	243.00	116		
105.00	235	176.00	59	244.00	2112		

Breakdown Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147925.D
Injection Date: 14-Mar-2014 02:15:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270 ICAL

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 52972
114 4,4'-DDD, Area = 1450
115 4,4'-DDE, Area = 0

%Breakdown: 2.66%, Max Limit: 20.00%
Passed

Report Date: 14-Mar-2014 15:06:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Peak Tailing Report

TestAmerica Edison

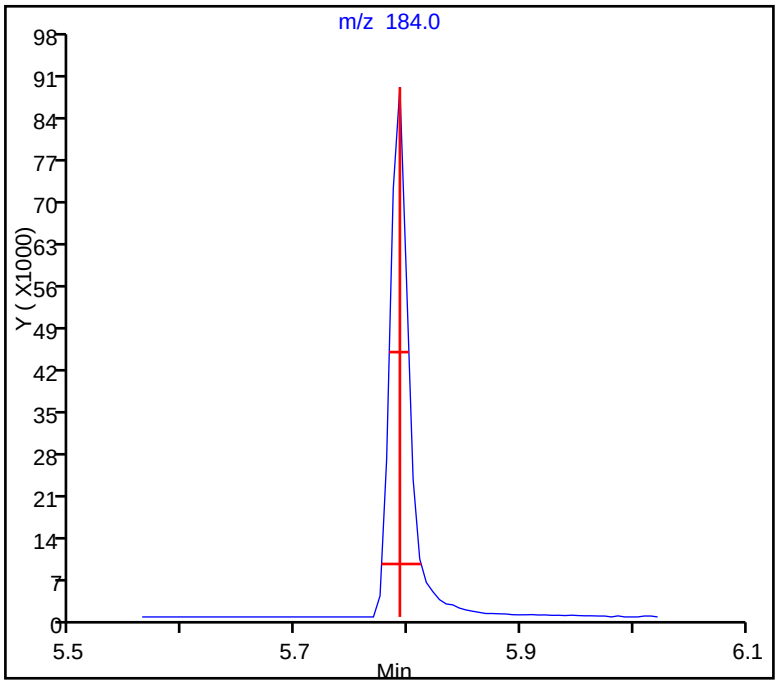
Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147925.D
Injection Date: 14-Mar-2014 02:15:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270 ICAL

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.019 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.2, Max. Tailing < 3.00
Passed



Report Date: 14-Mar-2014 15:06:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Peak Tailing Report

TestAmerica Edison

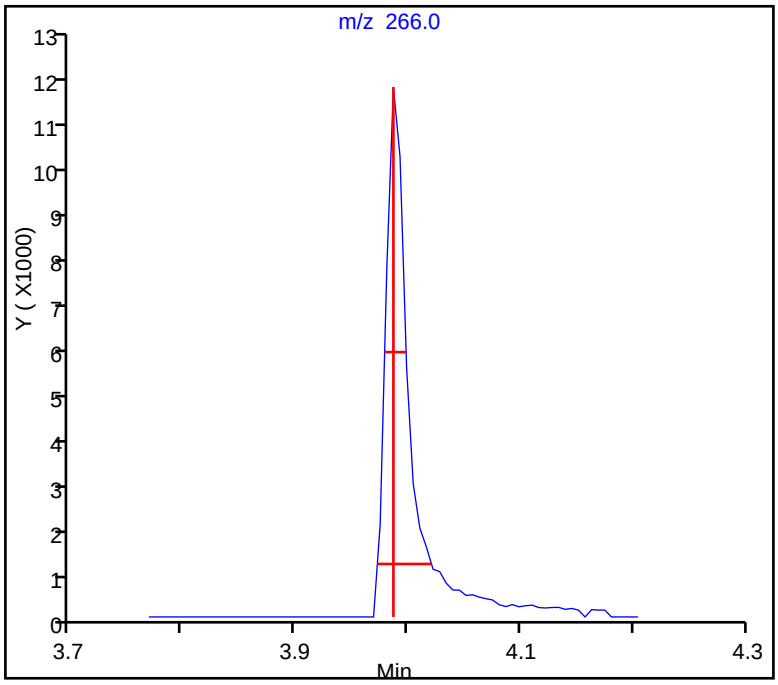
Data File: \\EDICHROM\ChromData\CBNAMS12\20140314-10840.b\L1147925.D
Injection Date: 14-Mar-2014 02:15:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270 ICAL

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.034 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 2.4, Max. Tailing < 3.00
Passed



Report Date: 28-Feb-2014 11:18:16 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94125.D
Lims ID: DFTPP Lab Sample ID:
Client ID:
Sample Type: DFTPP
Inject. Date: 27-Feb-2014 08:41:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010224-001
Misc. Info.: dftpp
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 28-Feb-2014 11:18:16 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK007

First Level Reviewer: szczecha Date: 27-Feb-2014 08:57:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	5.507	5.507	0.0	88	121689	NR	7
89 Benzidine_T	184	7.289	7.289	0.0	99	616528	NR	7
120 DFTPP								
114 4,4'-DDD	235	7.954	7.954	0.0	47	4489	NR	7
116 4,4'-DDT	235	8.267	8.267	0.0	98	242725	NR	7

QC Flag Legend

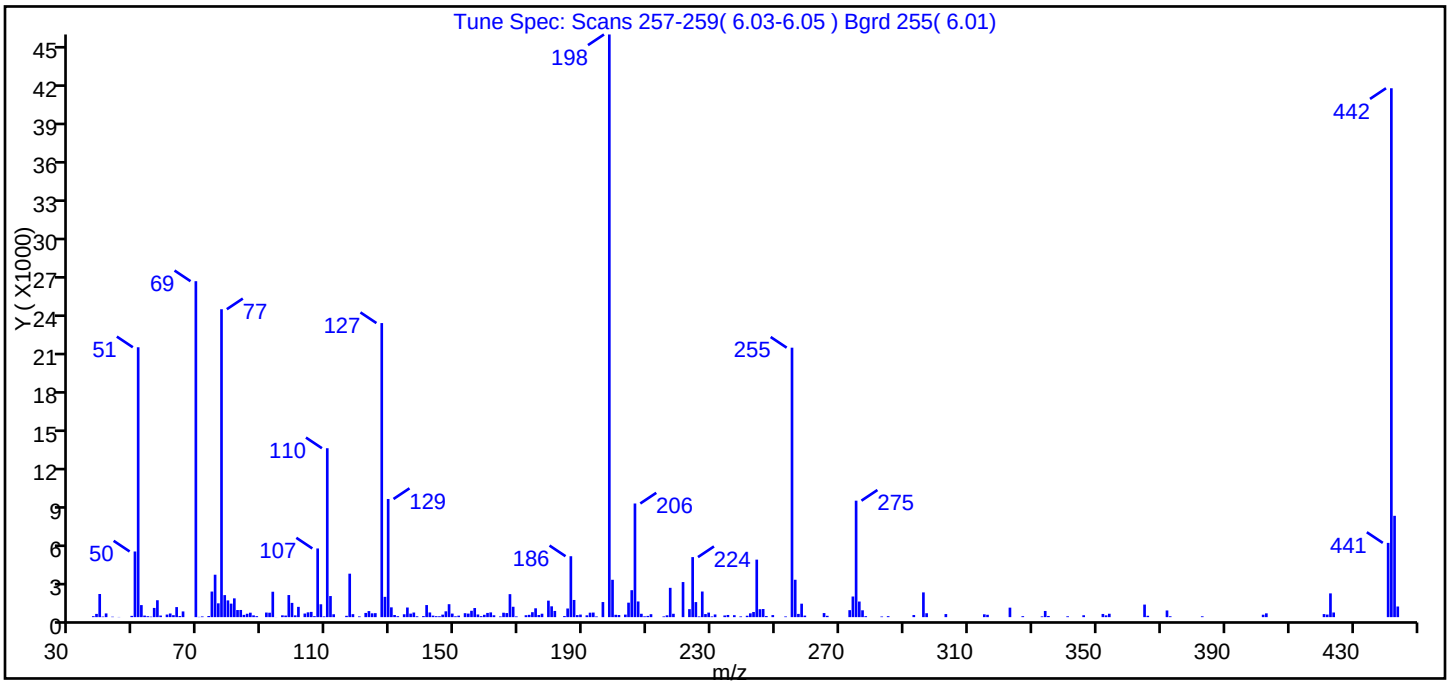
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94125.D
Injection Date: 27-Feb-2014 08:41:30 Instrument ID: CBNAMS4
Lims ID: DFTPP Lab Sample ID:
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_4R Limit Group: SV 8270 ICAL
Tune Method: DFTPP Method 8270

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	46.30
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	57.70
70	Less than 2.00% of mass 69	0.00 (0.10)
127	40.00 - 60.00% of mass 198	50.50
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.40
275	10.00 - 30.00% of mass 198	20.00
365	Greater than 1.00% of mass 198	2.20
441	Present, but less than mass 443%	12.70 (73.30)
442	Greater than 40.00% of mass 198	90.80
443	17.00 - 23.00% of mass 442	17.40 (19.20)

Report Date: 28-Feb-2014 11:18:16 Chrom Revision: 2.1 15-Jan-2014 14:06:26

Data File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94125.D\8270_4R.rslt\spectra.d
Injection Date: 27-Feb-2014 08:41:30
Spectrum: Tune Spec: Scans 257-259(6.03-6.05) Bgrd 255(6.01)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 215

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	75	105.00	406	169.00	55	243.00	399
38.00	251	106.00	76	172.00	147	244.00	4450
39.00	1791	107.00	5314	173.00	178	245.00	613
40.00	46	108.00	996	174.00	383	246.00	629
41.00	288	109.00	58	175.00	685	247.00	84
43.00	34	110.00	13069	176.00	163	249.00	158
45.00	14	111.00	1632	177.00	265	253.00	55
49.00	99	112.00	223	179.00	1276	255.00	20848
50.00	5080	116.00	103	180.00	838	256.00	2892
51.00	20880	117.00	3363	181.00	480	257.00	250
52.00	932	118.00	231	184.00	84	258.00	1042
53.00	120	120.00	58	185.00	669	259.00	119
54.00	72	122.00	325	186.00	4713	265.00	315
55.00	38	123.00	469	187.00	1329	266.00	103
56.00	713	124.00	297	188.00	159	273.00	540
57.00	1308	125.00	308	189.00	197	274.00	1597
58.00	123	127.00	22752	191.00	141	275.00	9011
60.00	200	128.00	1570	192.00	345	276.00	1208
61.00	282	129.00	9142	193.00	354	277.00	529
62.00	153	130.00	758	194.00	53	278.00	75
63.00	778	131.00	165	196.00	1168	283.00	50
64.00	82	132.00	74	198.00	45080	285.00	76
65.00	443	134.00	222	199.00	2891	293.00	163
69.00	25992	135.00	745	200.00	182	296.00	1915
70.00	19	136.00	272	201.00	163	297.00	303
71.00	55	137.00	357	203.00	196	303.00	238
73.00	87	138.00	65	204.00	1120	315.00	220
74.00	1980	140.00	81	205.00	2086	316.00	182
75.00	3283	141.00	935	206.00	8793	323.00	735
76.00	1069	142.00	362	207.00	1213	327.00	75
77.00	23824	143.00	117	208.00	261	333.00	57
78.00	1704	144.00	75	209.00	63	334.00	478
79.00	1296	145.00	70	210.00	97	335.00	90

Report Date: 28-Feb-2014 11:18:16 Chrom Revision: 2.1 15-Jan-2014 14:06:26
Data File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94125.D\8270_4R.rslt\spectra.d
Injection Date: 27-Feb-2014 08:41:30
Spectrum: Tune Spec: Scans 257-259(6.03-6.05) Bgrd 255(6.01)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 215

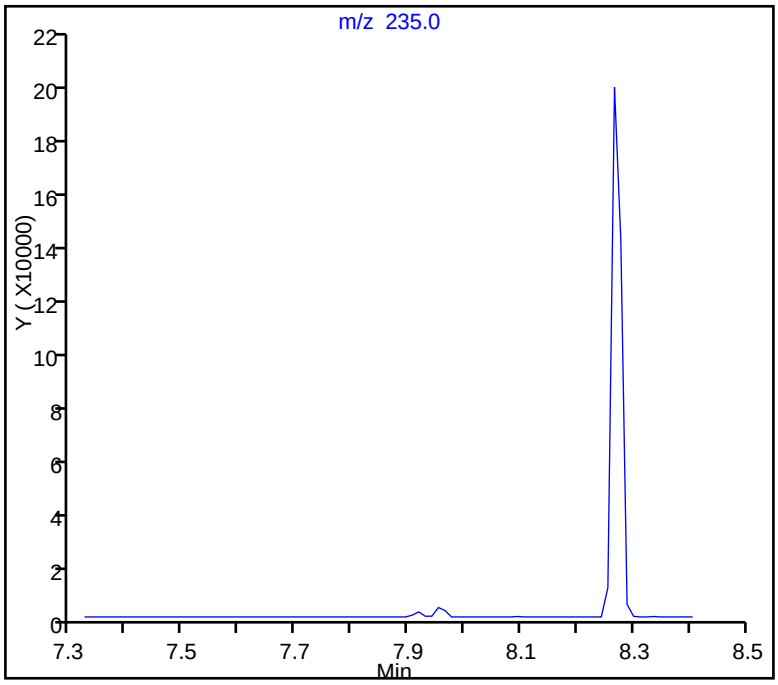
m/z	Y	m/z	Y	m/z	Y	m/z	Y
80.00	1046	146.00	194	211.00	228	341.00	66
81.00	1454	147.00	451	215.00	57	346.00	146
82.00	550	148.00	1002	216.00	141	352.00	247
83.00	555	149.00	276	217.00	2268	353.00	137
84.00	176	150.00	65	218.00	261	354.00	262
85.00	262	151.00	115	221.00	2715	365.00	972
86.00	344	153.00	305	223.00	619	366.00	105
87.00	137	154.00	275	224.00	4645	372.00	517
88.00	76	155.00	493	225.00	1165	373.00	68
91.00	356	156.00	705	226.00	55	383.00	65
92.00	343	157.00	207	227.00	1983	402.00	188
93.00	1966	158.00	77	228.00	239	403.00	295
94.00	5	159.00	182	229.00	351	421.00	237
96.00	139	160.00	326	230.00	55	422.00	200
97.00	121	161.00	367	231.00	207	423.00	1839
98.00	1709	162.00	145	234.00	129	424.00	360
99.00	1103	164.00	53	235.00	168	441.00	5745
100.00	136	165.00	342	237.00	152	442.00	40920
101.00	796	166.00	316	239.00	57	443.00	7839
103.00	278	167.00	1779	241.00	108	444.00	823
104.00	371	168.00	803	242.00	295		

Breakdown Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94125.D
Injection Date: 27-Feb-2014 08:41:30 Instrument ID: CBNAMS4
Lims ID: DFTPP Lab Sample ID:
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_4R Limit Group: SV 8270 ICAL

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 242725
114 4,4'-DDD, Area = 4489
115 4,4'-DDE, Area = 0

%Breakdown: 1.82%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

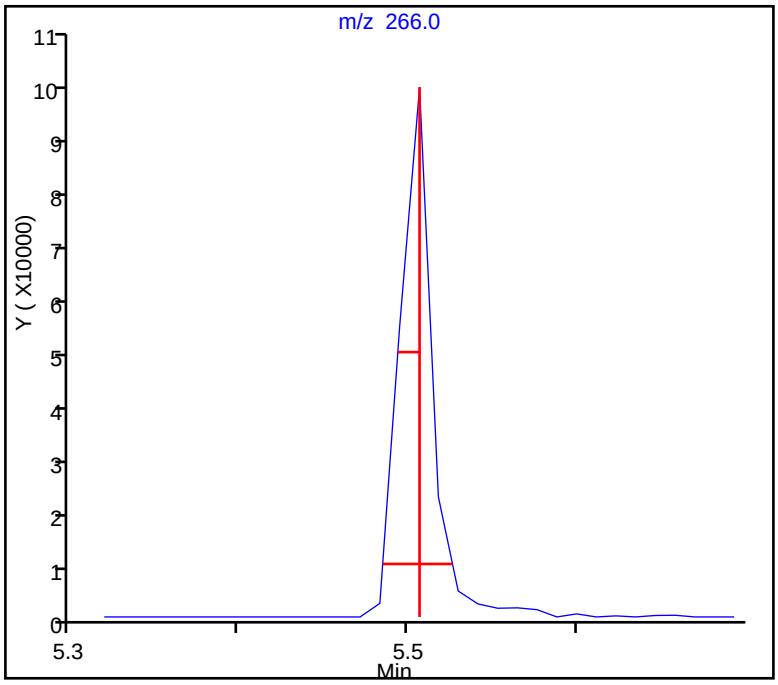
Data File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94125.D
Injection Date: 27-Feb-2014 08:41:30 Instrument ID: CBNAMS4
Lims ID: DFTPP Lab Sample ID:
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_4R Limit Group: SV 8270 ICAL

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.020 (min.)
Front Width = 0.022 (min.)

Tailing Factor = 0.9, Max. Tailing < 3.00
Passed



Report Date: 28-Feb-2014 11:18:16 Chrom Revision: 2.1 15-Jan-2014 14:06:26

Peak Tailing Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94125.D

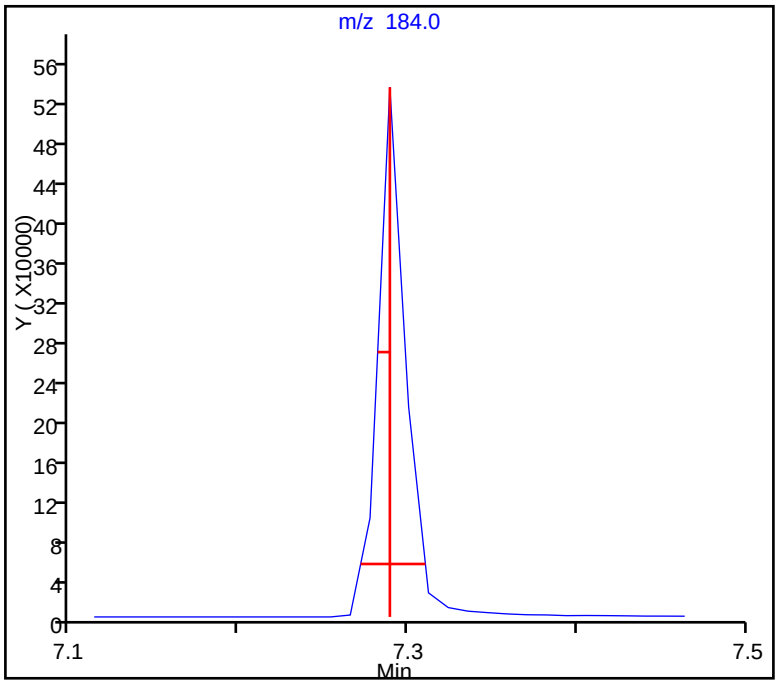
Injection Date:	27-Feb-2014 08:41:30	Instrument ID:	CBNAMS4		
Lims ID:	DFTPP	Lab Sample ID:			
Client ID:					
Operator ID:		ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_4R	Limit Group:	SV 8270 ICAL		

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.2, Max. Tailing < 3.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94404.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 11-Mar-2014 03:27:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-001
Misc. Info.: dftpp
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 12-Mar-2014 19:09:55 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: asfawa Date: 11-Mar-2014 04:35:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	5.226	5.226	0.0	85	77196	NR	7
89 Benzidine_T	184	7.020	7.020	0.0	100	557903	NR	7
120 DFTPP								
115 4,4'-DDE	246	7.242	7.242	0.0	1	631	NR	7
114 4,4'-DDD	235	7.673	7.673	0.0	51	5312	NR	7
116 4,4'-DDT	235	7.998	7.998	0.0	89	230788	NR	7

QC Flag Legend

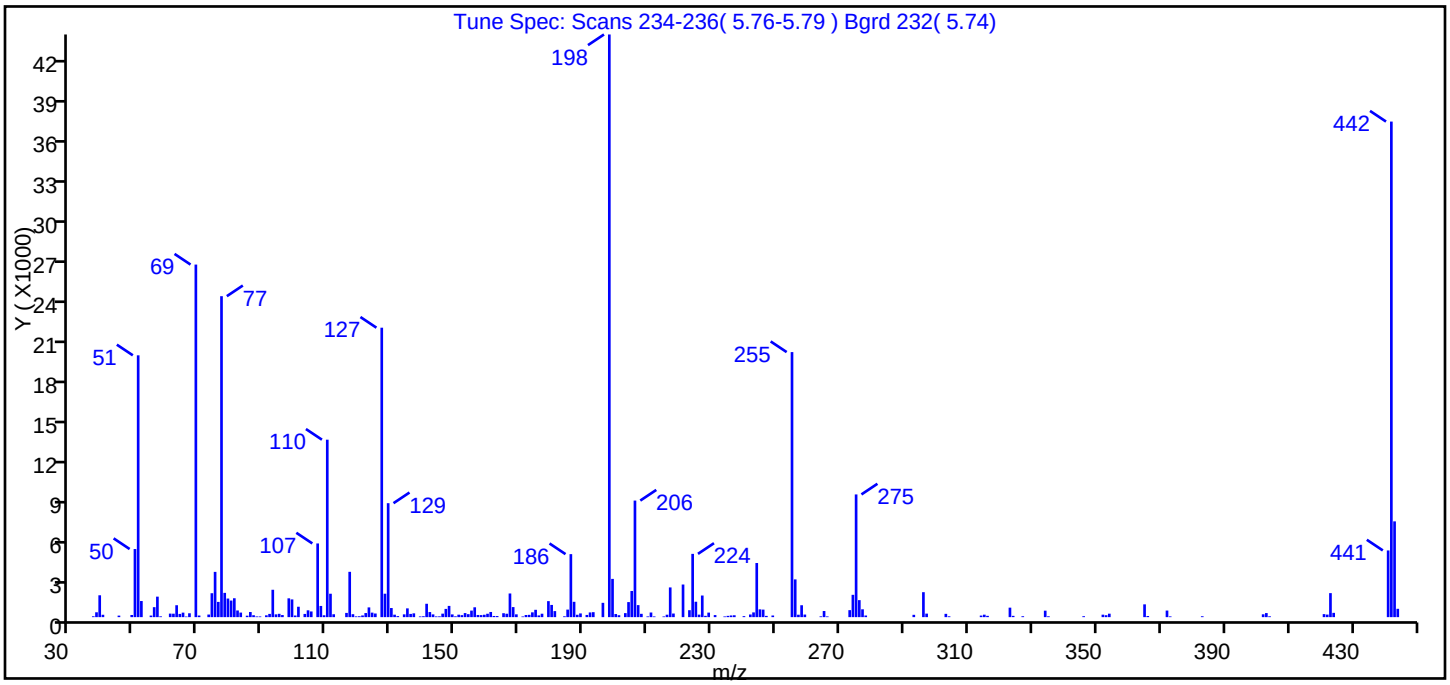
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94404.D
Injection Date: 11-Mar-2014 03:27:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_4R Limit Group: SV 8270 ICAL
Tune Method: DFTPP Method 8270

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	44.90
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	60.50
70	Less than 2.00% of mass 69	0.30 (0.50)
127	40.00 - 60.00% of mass 198	49.70
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.60
275	10.00 - 30.00% of mass 198	21.10
365	Greater than 1.00% of mass 198	2.20
441	Present, but less than mass 443	11.40 (69.60)
442	Greater than 40.00% of mass 198	85.10
443	17.00 - 23.00% of mass 442	16.40 (19.30)

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94404.D\8270_4R.rslt\spectra.d
Injection Date: 11-Mar-2014 03:27:30
Spectrum: Tune Spec: Scans 234-236(5.76-5.79) Bgrd 232(5.74)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 212

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	64	109.00	139	169.00	209	243.00	353
38.00	362	110.00	13203	171.00	50	244.00	4027
39.00	1627	111.00	1742	172.00	159	245.00	579
40.00	177	112.00	216	173.00	171	246.00	560
45.00	114	116.00	315	174.00	357	247.00	94
49.00	160	117.00	3372	175.00	546	249.00	122
50.00	5067	118.00	219	176.00	128	255.00	19720
51.00	19480	119.00	56	177.00	255	256.00	2809
52.00	1199	120.00	66	179.00	1191	257.00	180
55.00	117	121.00	126	180.00	908	258.00	886
56.00	742	122.00	305	181.00	449	259.00	193
57.00	1525	123.00	725	184.00	62	264.00	58
58.00	59	124.00	335	185.00	561	265.00	456
61.00	263	125.00	270	186.00	4688	266.00	53
62.00	257	127.00	21536	187.00	1141	273.00	520
63.00	887	128.00	1743	188.00	177	274.00	1661
64.00	240	129.00	8479	189.00	277	275.00	9130
65.00	336	130.00	678	191.00	164	276.00	1265
66.00	43	131.00	183	192.00	350	277.00	584
67.00	288	132.00	77	193.00	370	278.00	121
69.00	26232	134.00	208	196.00	1065	293.00	173
70.00	120	135.00	653	198.00	43352	296.00	1857
73.00	193	136.00	241	199.00	2846	297.00	262
74.00	1780	137.00	283	200.00	231	303.00	245
75.00	3368	139.00	52	201.00	143	304.00	62
76.00	1134	140.00	67	203.00	299	314.00	117
77.00	23880	141.00	995	204.00	1120	315.00	183
78.00	1806	142.00	379	205.00	1947	316.00	97
79.00	1384	143.00	205	206.00	8673	323.00	706
80.00	1234	144.00	53	207.00	895	324.00	96
81.00	1406	145.00	59	208.00	247	327.00	67
82.00	496	146.00	260	210.00	53	334.00	481
83.00	339	147.00	613	211.00	345	335.00	63

Report Date: 12-Mar-2014 19:09:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94404.D\8270_4R.rslt\spectra.d
Injection Date: 11-Mar-2014 03:27:30
Spectrum: Tune Spec: Scans 234-236(5.76-5.79) Bgrd 232(5.74)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 212

m/z	Y	m/z	Y	m/z	Y	m/z	Y
85.00	108	148.00	836	212.00	52	346.00	69
86.00	381	149.00	203	215.00	51	352.00	184
87.00	143	150.00	60	216.00	181	353.00	144
88.00	51	151.00	183	217.00	2211	354.00	257
89.00	51	152.00	148	218.00	269	365.00	952
91.00	136	153.00	303	221.00	2428	366.00	83
92.00	241	154.00	221	223.00	517	372.00	490
93.00	2037	155.00	488	224.00	4708	373.00	55
94.00	208	156.00	733	225.00	1146	383.00	66
95.00	248	157.00	162	226.00	186	402.00	212
96.00	155	158.00	152	227.00	1609	403.00	304
98.00	1400	159.00	178	228.00	97	404.00	63
99.00	1319	160.00	253	229.00	337	421.00	225
100.00	121	161.00	385	231.00	153	422.00	190
101.00	774	162.00	87	234.00	51	423.00	1787
103.00	239	163.00	81	235.00	96	424.00	319
104.00	508	165.00	292	236.00	125	441.00	4963
105.00	423	166.00	253	237.00	140	442.00	36872
107.00	5483	167.00	1761	240.00	74	443.00	7126
108.00	833	168.00	748	242.00	197	444.00	620

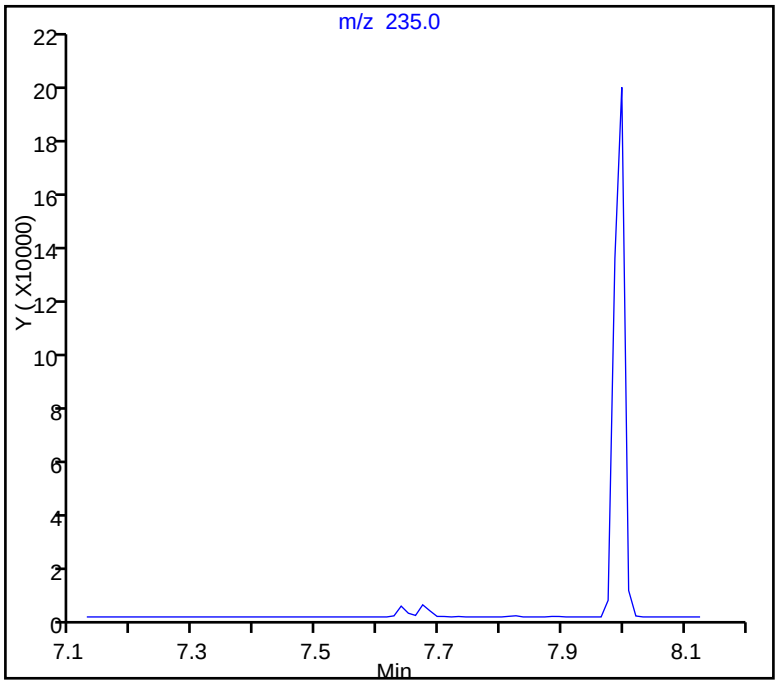
Report Date: 12-Mar-2014 19:09:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Breakdown Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94404.D
Injection Date: 11-Mar-2014 03:27:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_4R Limit Group: SV 8270 ICAL

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 230788
114 4,4'-DDD, Area = 5312
115 4,4'-DDE, Area = 631

%Breakdown: 2.51%, Max Limit: 20.00%
Passed

Report Date: 12-Mar-2014 19:09:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Peak Tailing Report

TestAmerica Edison

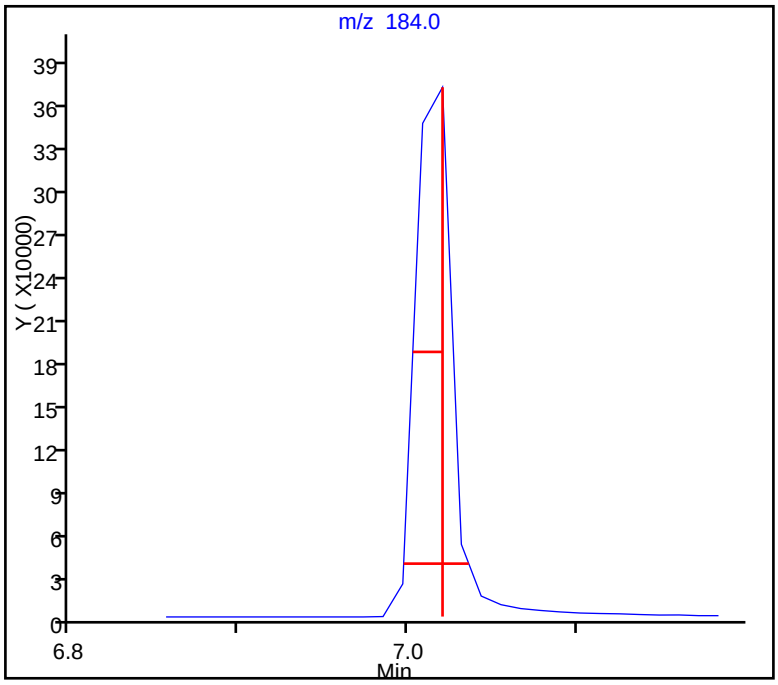
Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94404.D
Injection Date: 11-Mar-2014 03:27:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_4R Limit Group: SV 8270 ICAL

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.016 (min.)
Front Width = 0.023 (min.)

Tailing Factor = 0.7, Max. Tailing < 3.00
Passed



Report Date: 12-Mar-2014 19:09:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Peak Tailing Report

TestAmerica Edison

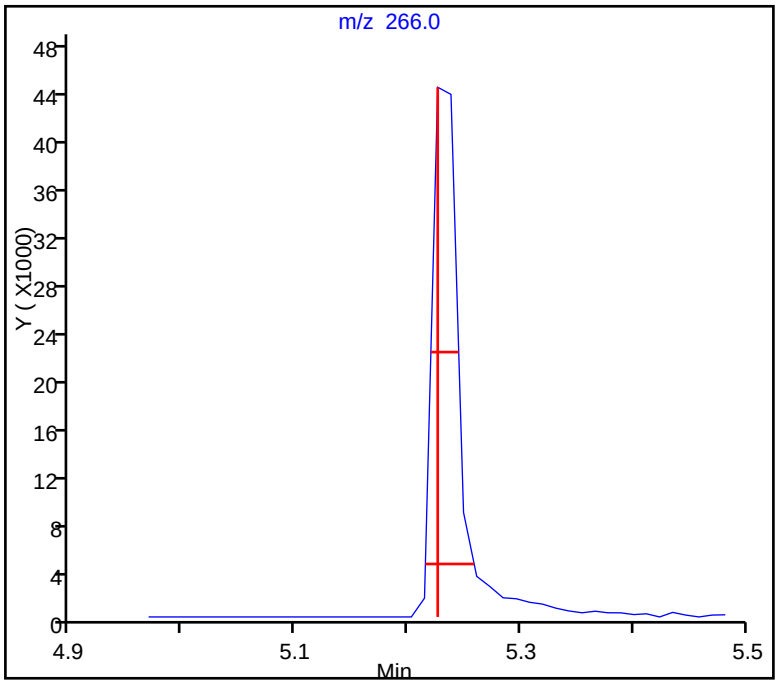
Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94404.D
Injection Date: 11-Mar-2014 03:27:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_4R Limit Group: SV 8270 ICAL

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.032 (min.)
Front Width = 0.011 (min.)

Tailing Factor = 3.0, Max. Tailing < 3.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94428.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 11-Mar-2014 15:40:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010721-001
Misc. Info.: dftpp
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 09:16:35 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: croccom Date: 11-Mar-2014 15:47:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	5.213	5.213	0.0	87	69044	NR	7
89 Benzidine_T	184	6.990	6.990	0.0	99	434872	NR	7
120 DFTPP								
115 4,4'-DDE	246	7.223	7.223	0.0	1	289	NR	7
114 4,4'-DDD	235	7.618	7.618	0.0	70	11915	NR	7
116 4,4'-DDT	235	7.967	7.967	0.0	96	135851	NR	7

QC Flag Legend

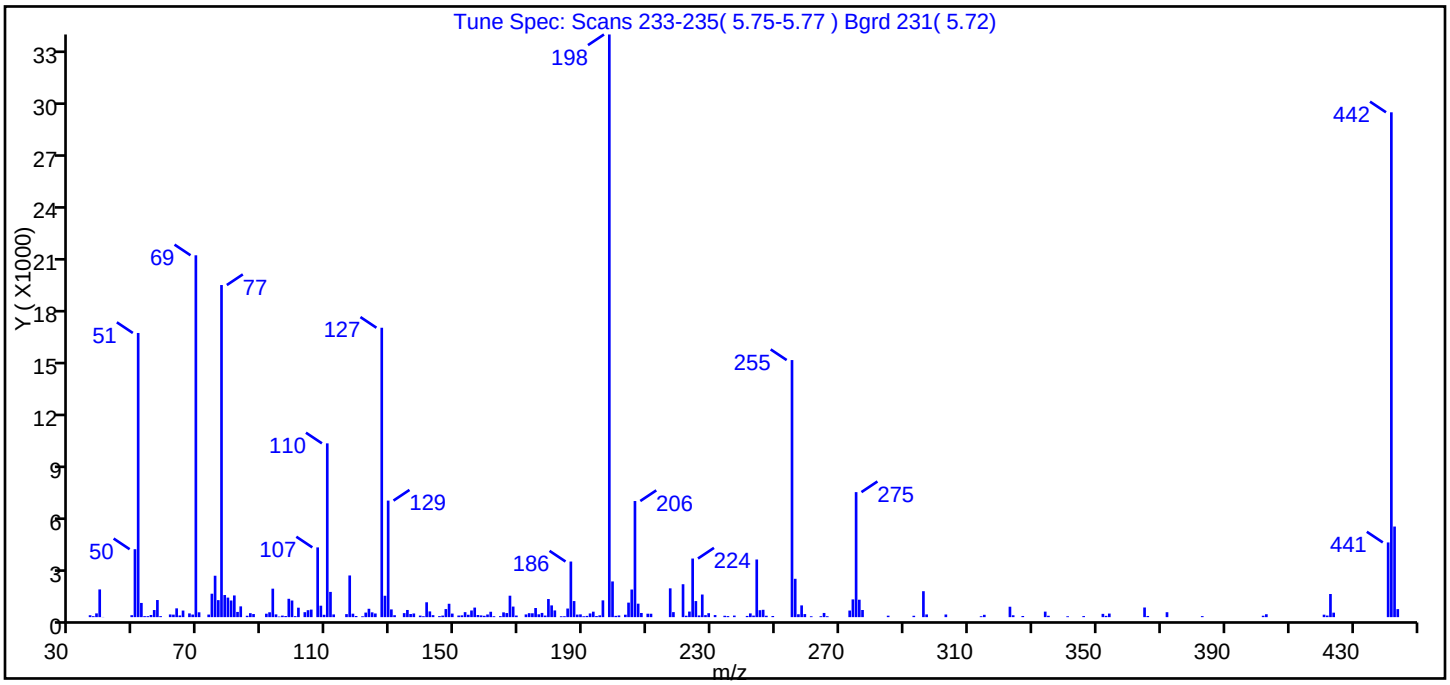
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94428.D
Injection Date: 11-Mar-2014 15:40:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_4R Limit Group: SV 8270 ICAL
Tune Method: DFTPP Method 8270

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	48.80
68	Less than 2.00% of mass 69	0.40 (0.70)
69	Present	62.10
70	Less than 2.00% of mass 69	0.80 (1.30)
127	40.00 - 60.00% of mass 198	49.70
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.10
275	10.00 - 30.00% of mass 198	21.50
365	Greater than 1.00% of mass 198	1.70
441	Present, but less than mass 443	12.80 (82.50)
442	Greater than 40.00% of mass 198	86.60
443	17.00 - 23.00% of mass 442	15.50 (17.90)

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94428.D\8270_4R.rslt\spectra.d
Injection Date: 11-Mar-2014 15:40:30
Spectrum: Tune Spec: Scans 233-235(5.75-5.77) Bgrd 231(5.72)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 208

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	111	107.00	4051	172.00	158	242.00	218
37.00	57	108.00	665	173.00	230	243.00	89
38.00	219	109.00	137	174.00	225	244.00	3349
39.00	1610	110.00	10093	175.00	530	245.00	403
40.00	10	111.00	1466	176.00	165	246.00	427
49.00	112	112.00	158	177.00	246	247.00	81
50.00	3945	116.00	176	178.00	91	249.00	67
51.00	16504	117.00	2421	179.00	1052	255.00	14930
52.00	825	118.00	201	180.00	683	256.00	2227
53.00	58	119.00	66	181.00	390	257.00	168
54.00	57	121.00	50	183.00	51	258.00	683
55.00	125	122.00	264	184.00	53	259.00	178
56.00	412	123.00	486	185.00	500	261.00	50
57.00	994	124.00	279	186.00	3230	264.00	54
58.00	58	125.00	212	187.00	934	265.00	243
61.00	156	127.00	16808	188.00	149	266.00	53
62.00	146	128.00	1242	189.00	160	273.00	383
63.00	511	129.00	6769	190.00	50	274.00	1031
64.00	97	130.00	449	191.00	72	275.00	7261
65.00	383	131.00	112	192.00	215	276.00	1012
67.00	217	134.00	233	193.00	317	277.00	415
68.00	151	135.00	416	194.00	63	285.00	84
69.00	21016	136.00	183	195.00	104	293.00	80
70.00	281	137.00	213	196.00	975	296.00	1507
73.00	150	139.00	90	198.00	33840	297.00	158
74.00	1361	140.00	53	199.00	2074	303.00	154
75.00	2405	141.00	864	200.00	75	314.00	52
76.00	988	142.00	333	201.00	98	315.00	136
77.00	19288	143.00	114	203.00	141	323.00	605
78.00	1284	145.00	60	204.00	843	324.00	108
79.00	1135	146.00	91	205.00	1605	327.00	67
80.00	967	147.00	469	206.00	6744	334.00	321
81.00	1260	148.00	777	207.00	782	335.00	79

Report Date: 13-Mar-2014 09:16:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94428.D\8270_4R.rslt\spectra.d
Injection Date: 11-Mar-2014 15:40:30
Spectrum: Tune Spec: Scans 233-235(5.75-5.77) Bgrd 231(5.72)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 208

m/z	Y	m/z	Y	m/z	Y	m/z	Y
82.00	303	149.00	207	208.00	242	341.00	51
83.00	626	151.00	94	210.00	200	346.00	62
85.00	80	152.00	104	211.00	198	352.00	191
86.00	230	153.00	290	217.00	1673	353.00	74
87.00	180	154.00	138	218.00	292	354.00	208
91.00	200	155.00	388	221.00	1912	365.00	560
92.00	283	156.00	555	222.00	81	366.00	67
93.00	1654	157.00	124	223.00	325	372.00	287
94.00	161	158.00	102	224.00	3404	383.00	60
95.00	33	159.00	78	225.00	933	402.00	82
96.00	89	160.00	154	226.00	98	403.00	169
97.00	64	161.00	313	227.00	1314	421.00	143
98.00	1066	162.00	53	228.00	116	422.00	92
99.00	966	164.00	58	229.00	229	423.00	1344
100.00	58	165.00	278	231.00	120	424.00	260
101.00	549	166.00	237	234.00	80	441.00	4339
103.00	288	167.00	1245	235.00	61	442.00	29320
104.00	404	168.00	614	237.00	91	443.00	5262
105.00	439	169.00	93	241.00	70	444.00	467

Report Date: 13-Mar-2014 09:16:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Breakdown Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94428.D

Injection Date: 11-Mar-2014 15:40:30 Instrument ID: CBNAMS4

Lims ID: dftpp

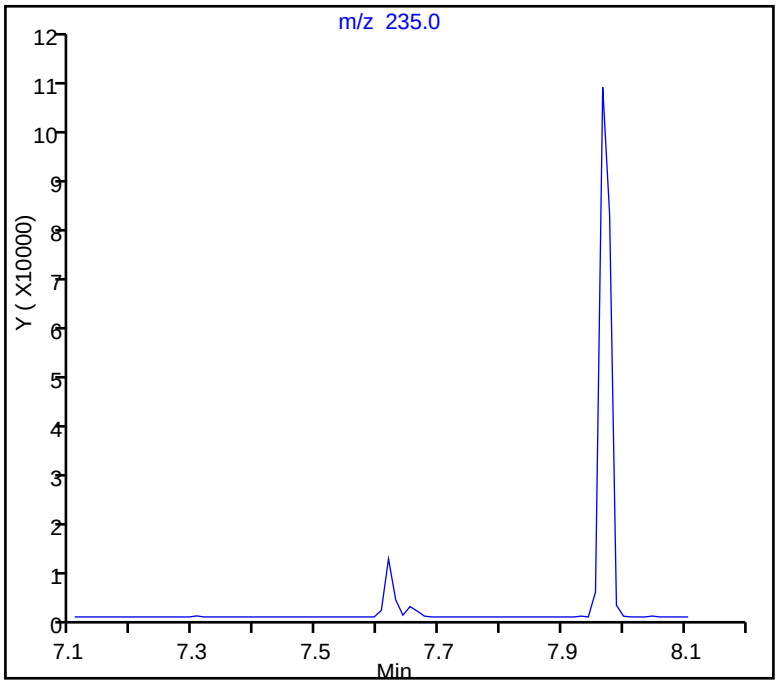
Client ID:

Operator ID: ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 135851
114 4,4'-DDD, Area = 11915
115 4,4'-DDE, Area = 289

%Breakdown: 8.24%, Max Limit: 20.00%
Passed

Report Date: 13-Mar-2014 09:16:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Peak Tailing Report

TestAmerica Edison

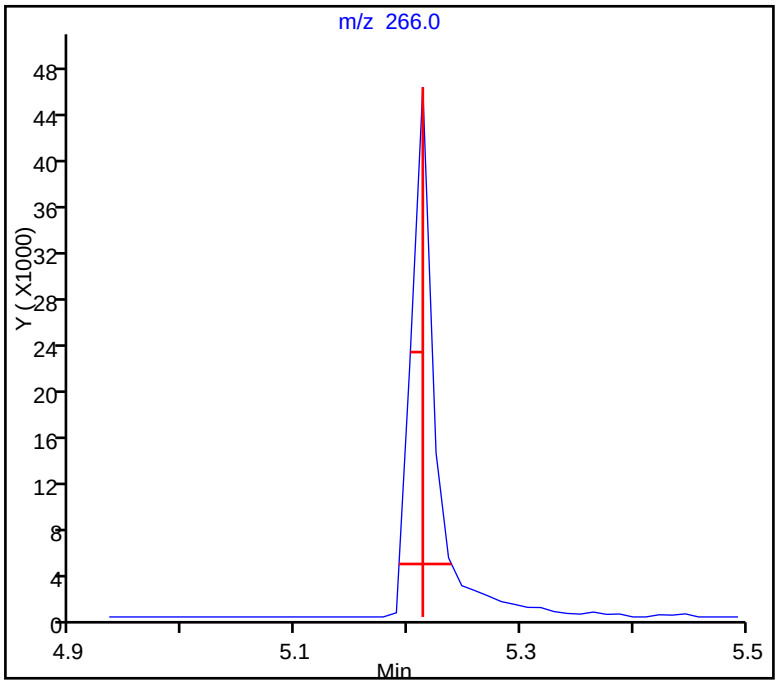
Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94428.D
Injection Date: 11-Mar-2014 15:40:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_4R Limit Group: SV 8270 ICAL

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.026 (min.)
Front Width = 0.021 (min.)

Tailing Factor = 1.2, Max. Tailing < 3.00
Passed



Report Date: 13-Mar-2014 09:16:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Peak Tailing Report

TestAmerica Edison

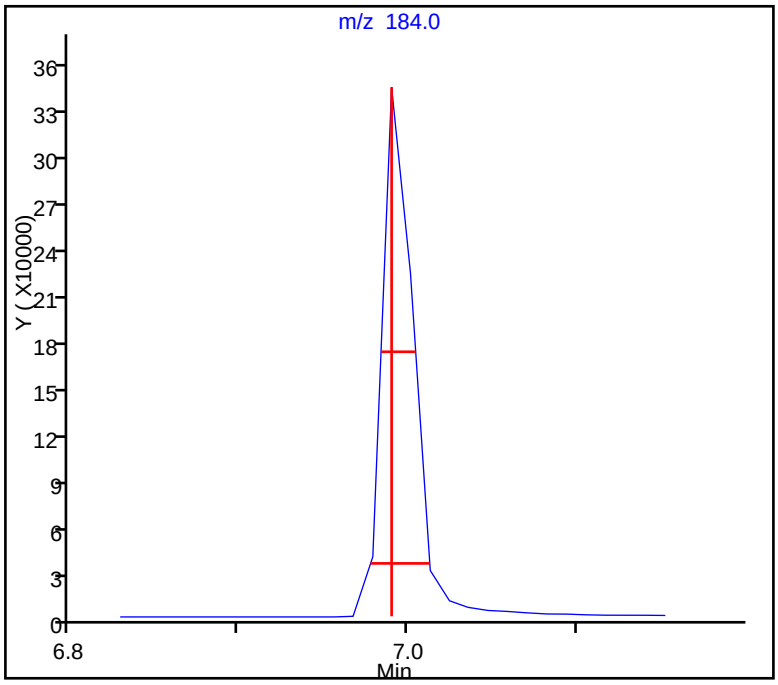
Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94428.D
Injection Date: 11-Mar-2014 15:40:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_4R Limit Group: SV 8270 ICAL

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.023 (min.)
Front Width = 0.012 (min.)

Tailing Factor = 1.8, Max. Tailing < 3.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS5\20140311-10688.b\x9278.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 11-Mar-2014 04:48:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010688-001
Misc. Info.: 25 ppm bna 4890
Operator ID: Instrument ID: CBNAMS5

Method: \\EDICHROM\ChromData\CBNAMS5\20140311-10688.b\8270_5R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 14:32:10 Calib Date: 11-Mar-2014 10:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS5\20140311-10688.b\x9292.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: asfawa Date: 11-Mar-2014 05:06:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	4.734	4.734	0.0	85	42799	NR	7
89 Benzidine_T	184	6.557	6.557	0.0	98	225546	NR	7
120 DFTPP								
114 4,4'-DDD	235	7.222	7.222	0.0	1	1982	NR	7
116 4,4'-DDT	235	7.540	7.540	0.0	93	105545	NR	7

QC Flag Legend

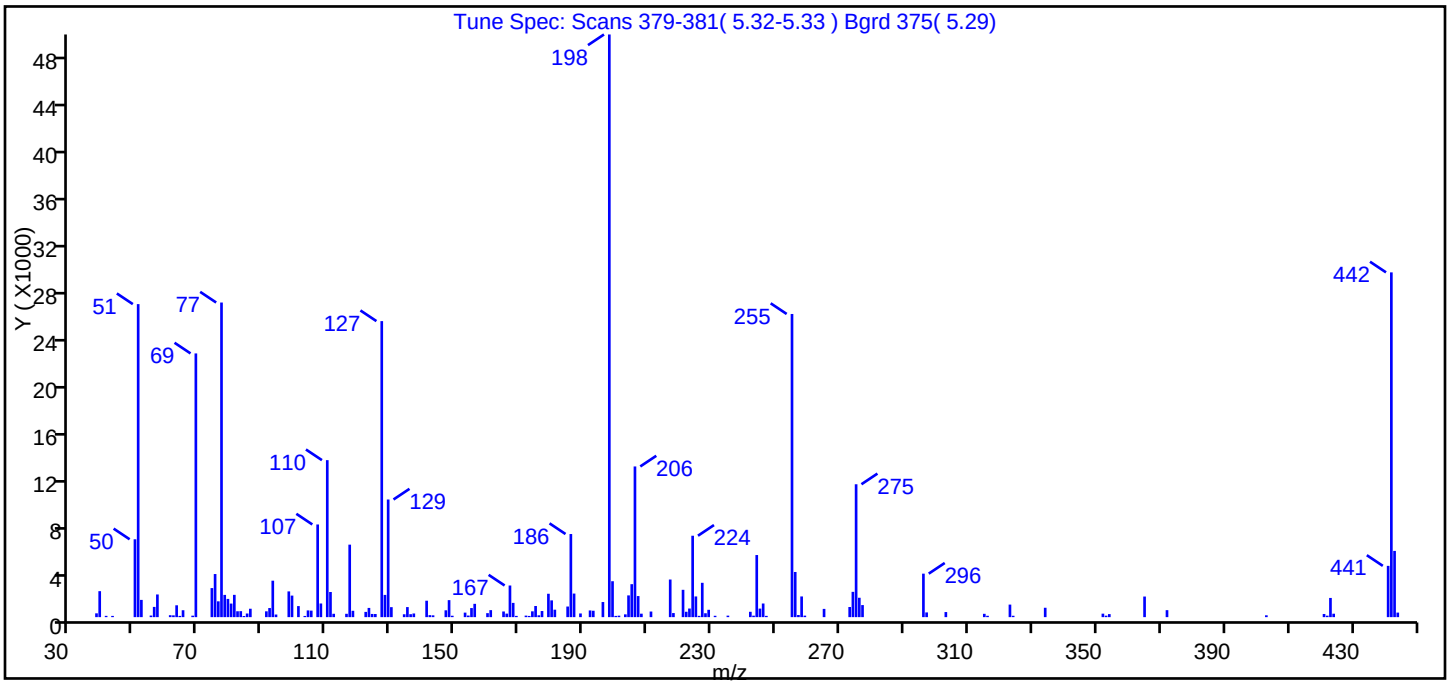
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140311-10688.b\x9278.D
Injection Date: 11-Mar-2014 04:48:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270 ICAL
Tune Method: DFTPP Method 8270

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	53.70
68	Less than 2.00% of mass 69	0.30 (0.60)
69	Present	45.30
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	50.80
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.20
275	10.00 - 30.00% of mass 198	22.80
365	Greater than 1.00% of mass 198	3.50
441	Present, but less than mass 443	8.80 (77.40)
442	Greater than 40.00% of mass 198	59.20
443	17.00 - 23.00% of mass 442	11.40 (19.20)

Report Date: 13-Mar-2014 14:32:10 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Data File: \\EDICHROM\ChromData\CBNAMS5\20140311-10688.b\x9278.D\8270_5R.rslt\spectra.d
Injection Date: 11-Mar-2014 04:48:30
Spectrum: Tune Spec: Scans 379-381(5.32-5.33) Bgrd 375(5.29)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 156

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	325	105.00	556	173.00	103	242.00	456
39.00	2213	107.00	7894	174.00	496	243.00	125
41.00	110	108.00	1163	175.00	949	244.00	5290
43.00	106	110.00	13373	176.00	156	245.00	728
50.00	6632	111.00	2141	177.00	521	246.00	1162
51.00	26664	112.00	286	179.00	1992	247.00	109
52.00	1469	116.00	285	180.00	1429	255.00	25824
55.00	135	117.00	6175	181.00	635	256.00	3847
56.00	872	118.00	541	185.00	904	257.00	183
57.00	1932	122.00	447	186.00	7080	258.00	1763
61.00	165	123.00	785	187.00	2008	259.00	128
62.00	153	124.00	272	189.00	314	265.00	703
63.00	1010	125.00	267	192.00	570	273.00	864
64.00	106	127.00	25216	193.00	545	274.00	2155
65.00	589	128.00	1894	196.00	1287	275.00	11319
68.00	125	129.00	10021	198.00	49632	276.00	1651
69.00	22464	130.00	851	199.00	3060	277.00	1027
74.00	2475	134.00	245	200.00	106	296.00	3705
75.00	3672	135.00	857	201.00	125	297.00	402
76.00	1347	136.00	252	203.00	238	303.00	434
77.00	26800	137.00	312	204.00	1853	315.00	283
78.00	1895	141.00	1399	205.00	2809	316.00	116
79.00	1553	142.00	171	206.00	12836	323.00	1069
80.00	1156	143.00	154	207.00	1796	324.00	117
81.00	1899	147.00	583	208.00	295	334.00	799
82.00	501	148.00	1449	211.00	478	352.00	297
83.00	510	149.00	119	217.00	3205	353.00	125
84.00	94	153.00	385	218.00	348	354.00	258
85.00	310	154.00	135	221.00	2328	365.00	1755
86.00	716	155.00	773	222.00	458	372.00	595
91.00	497	156.00	1134	223.00	734	403.00	157
92.00	775	160.00	340	224.00	6935	421.00	269
93.00	3105	161.00	597	225.00	1763	422.00	125

Report Date: 13-Mar-2014 14:32:10 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CBNAMS5\20140311-10688.b\x9278.D\8270_5R.rslt\spectra.d
Injection Date: 11-Mar-2014 04:48:30
Spectrum: Tune Spec: Scans 379-381(5.32-5.33) Bgrd 375(5.29)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 156

m/z	Y	m/z	Y	m/z	Y	m/z	Y
94.00	223	165.00	483	226.00	110	423.00	1636
98.00	2193	166.00	300	227.00	2925	424.00	292
99.00	1835	167.00	2695	228.00	332	441.00	4368
101.00	942	168.00	1214	229.00	626	442.00	29368
103.00	102	169.00	107	231.00	116	443.00	5641
104.00	574	172.00	130	235.00	128	444.00	387

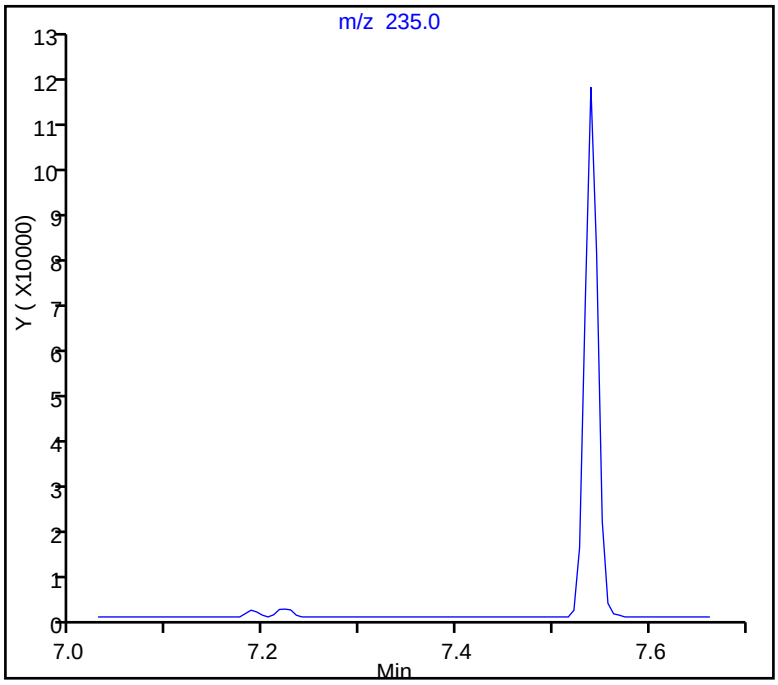
Report Date: 13-Mar-2014 14:32:10 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Breakdown Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140311-10688.b\x9278.D
Injection Date: 11-Mar-2014 04:48:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270 ICAL

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 105545
114 4,4'-DDD, Area = 1982
115 4,4'-DDE, Area = 0

%Breakdown: 1.84%, Max Limit: 20.00%
Passed

Report Date: 13-Mar-2014 14:32:10 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Peak Tailing Report

TestAmerica Edison

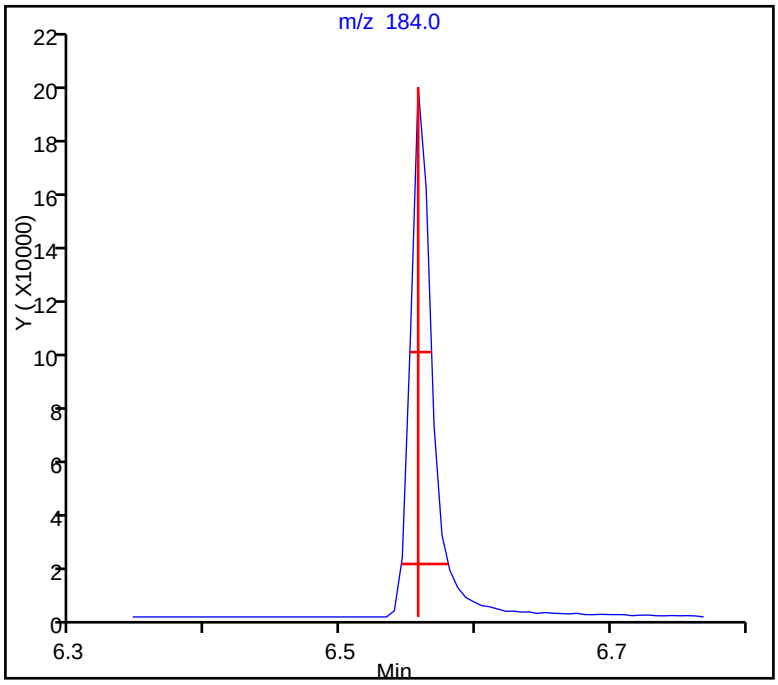
Data File: \\EDICHROM\ChromData\CBNAMS5\20140311-10688.b\x9278.D
Injection Date: 11-Mar-2014 04:48:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270 ICAL

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.022 (min.)
Front Width = 0.013 (min.)

Tailing Factor = 1.8, Max. Tailing < 3.00
Passed



Report Date: 13-Mar-2014 14:32:10 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Peak Tailing Report

TestAmerica Edison

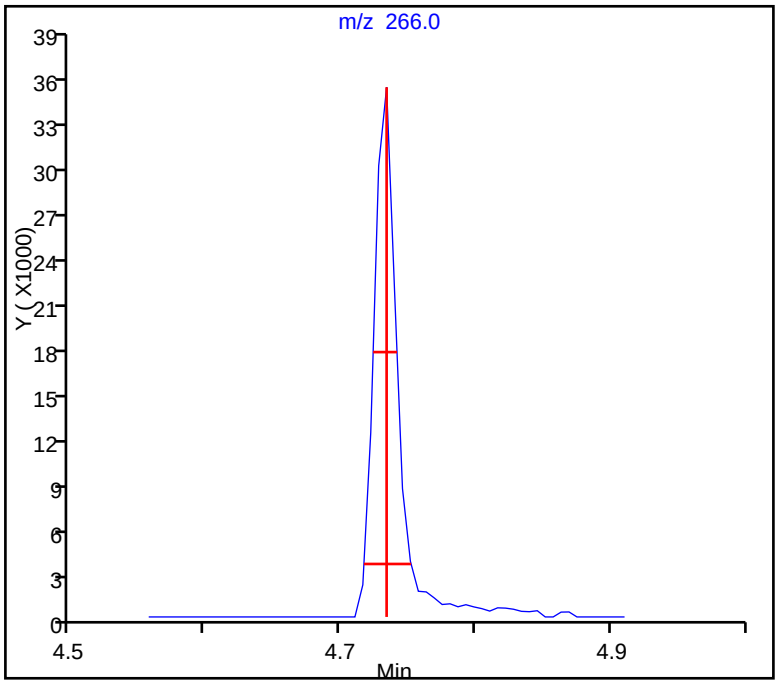
Data File: \\EDICHROM\ChromData\CBNAMS5\20140311-10688.b\x9278.D
Injection Date: 11-Mar-2014 04:48:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270 ICAL

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.018 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.1, Max. Tailing < 3.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9410.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 14-Mar-2014 06:16:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010857-001
Misc. Info.: 25 ppm bna 4890
Operator ID: Instrument ID: CBNAMS5

Method: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\8270_5R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 15:43:50 Calib Date: 11-Mar-2014 10:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS5\20140311-10688.b\x9292.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: asfawa Date: 14-Mar-2014 06:25:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	4.740	4.740	0.0	81	22528	NR	7
89 Benzidine_T	184	6.563	6.563	0.0	99	223578	NR	7
120 DFTPP								
114 4,4'-DDD	235	7.228	7.228	0.0	1	1617	NR	7
116 4,4'-DDT	235	7.545	7.545	0.0	93	91321	NR	7

QC Flag Legend

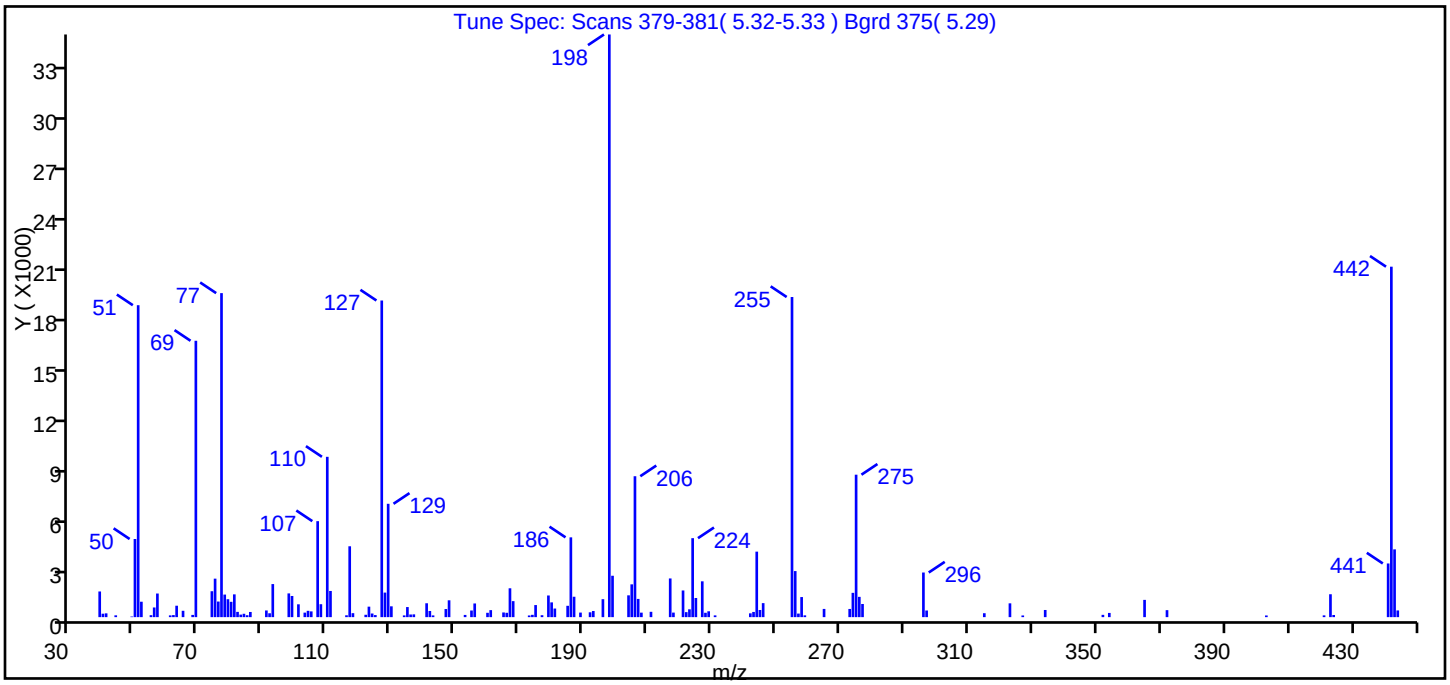
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9410.D
Injection Date: 14-Mar-2014 06:16:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270 ICAL
Tune Method: DFTPP Method 8270

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	53.50
68	Less than 2.00% of mass 69	0.40 (0.80)
69	Present	47.40
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	54.30
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.10
275	10.00 - 30.00% of mass 198	24.40
365	Greater than 1.00% of mass 198	3.00
441	Present, but less than mass 443	9.20 (79.20)
442	Greater than 40.00% of mass 198	60.10
443	17.00 - 23.00% of mass 442	11.60 (19.30)

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9410.D\8270_5R.rslt\spectra.d
Injection Date: 14-Mar-2014 06:16:30
Spectrum: Tune Spec: Scans 379-381(5.32-5.33) Bgrd 375(5.29)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 139

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1530	101.00	765	167.00	1720	242.00	227
40.00	205	103.00	269	168.00	954	243.00	310
41.00	226	104.00	377	173.00	100	244.00	3904
44.00	108	105.00	343	174.00	138	245.00	426
49.00	36	107.00	5721	175.00	720	246.00	835
50.00	4657	108.00	771	177.00	115	255.00	19080
51.00	18592	110.00	9556	179.00	1291	256.00	2745
52.00	919	111.00	1560	180.00	880	257.00	212
55.00	117	116.00	111	181.00	513	258.00	1197
56.00	576	117.00	4224	185.00	676	259.00	107
57.00	1408	118.00	237	186.00	4756	265.00	490
61.00	105	122.00	141	187.00	1216	273.00	488
62.00	123	123.00	625	189.00	272	274.00	1448
63.00	681	124.00	217	192.00	289	275.00	8490
65.00	379	125.00	123	193.00	365	276.00	1209
68.00	133	127.00	18872	196.00	1070	277.00	784
69.00	16472	128.00	1463	198.00	34728	296.00	2660
74.00	1545	129.00	6756	199.00	2467	297.00	396
75.00	2294	130.00	645	204.00	1300	315.00	234
76.00	930	134.00	104	205.00	1955	323.00	823
77.00	19312	135.00	601	206.00	8399	327.00	100
78.00	1345	136.00	158	207.00	1086	334.00	427
79.00	1069	137.00	166	208.00	268	352.00	137
80.00	913	141.00	827	211.00	318	354.00	251
81.00	1358	142.00	367	217.00	2306	365.00	1029
82.00	314	143.00	103	218.00	271	372.00	417
83.00	151	147.00	484	221.00	1590	403.00	100
84.00	201	148.00	1004	222.00	298	421.00	106
85.00	115	153.00	132	223.00	467	423.00	1365
86.00	308	155.00	396	224.00	4707	424.00	128
91.00	398	156.00	815	225.00	1141	441.00	3199
92.00	231	160.00	259	227.00	2135	442.00	20888
93.00	1971	161.00	418	228.00	260	443.00	4040

Report Date: 14-Mar-2014 15:43:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04
Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9410.D\8270_5R.rslt\spectra.d
Injection Date: 14-Mar-2014 06:16:30
Spectrum: Tune Spec: Scans 379-381(5.32-5.33) Bgrd 375(5.29)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 139

m/z	Y	m/z	Y	m/z	Y	m/z	Y
98.00	1415	165.00	279	229.00	349	444.00	400
99.00	1261	166.00	259	231.00	105		

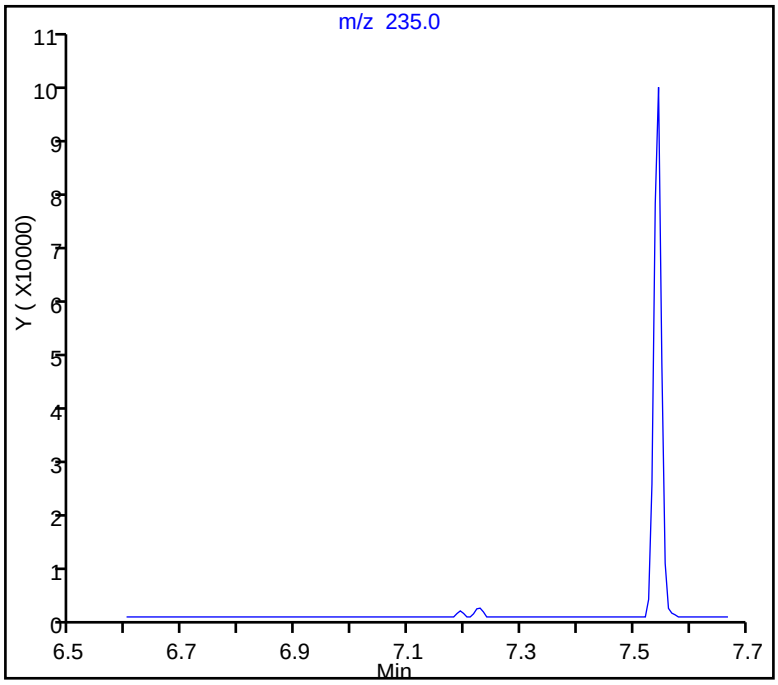
Report Date: 14-Mar-2014 15:43:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Breakdown Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9410.D
Injection Date: 14-Mar-2014 06:16:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270 ICAL

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 91321
114 4,4'-DDD, Area = 1617
115 4,4'-DDE, Area = 0

%Breakdown: 1.74%, Max Limit: 20.00%
Passed

Report Date: 14-Mar-2014 15:43:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Peak Tailing Report

TestAmerica Edison

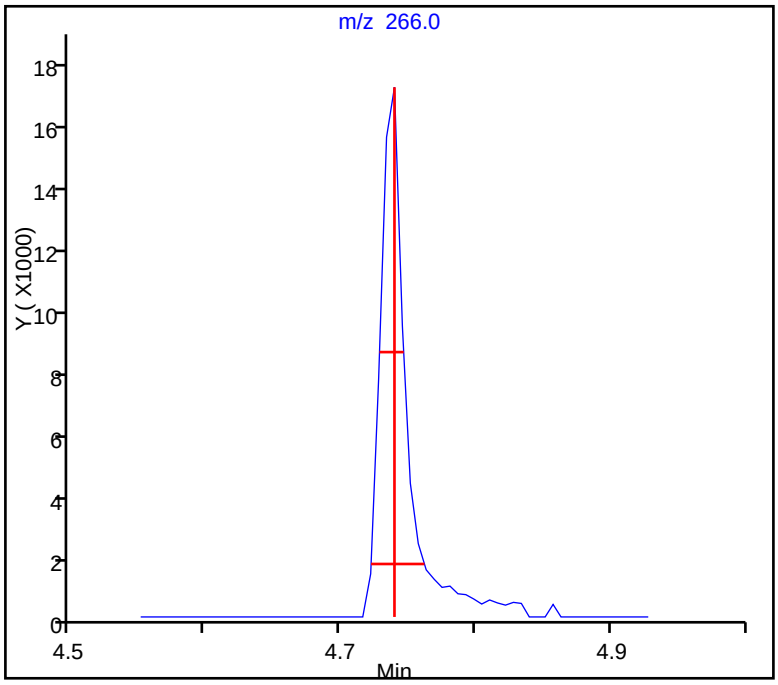
Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9410.D
Injection Date: 14-Mar-2014 06:16:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270 ICAL

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.022 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.3, Max. Tailing < 3.00
Passed



Report Date: 14-Mar-2014 15:43:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

Peak Tailing Report

TestAmerica Edison

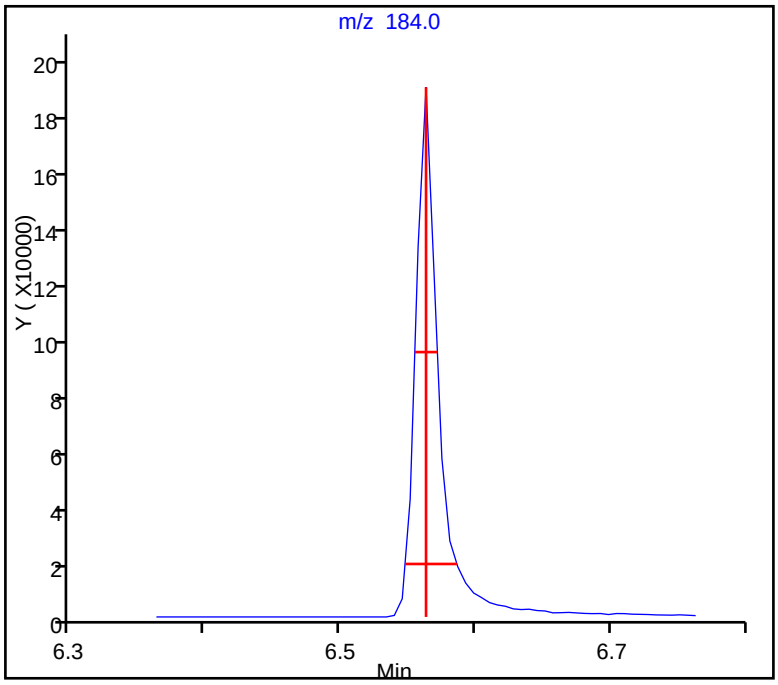
Data File: \\EDICHROM\ChromData\CBNAMS5\20140314-10857.b\x9410.D
Injection Date: 14-Mar-2014 06:16:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270 ICAL

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.023 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.5, Max. Tailing < 3.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-211603/1-A

Matrix: Solid | Lab File ID: U94432.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.00(g) | Date Analyzed: 03/11/2014 17:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211922 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	44	U	330	44
95-57-8	2-Chlorophenol	44	U	330	44
95-48-7	2-Methylphenol	56	U	330	56
106-44-5	4-Methylphenol	65	U	330	65
100-52-7	Benzaldehyde	39	U	330	39
98-86-2	Acetophenone	51	U	330	51
111-44-4	Bis(2-chloroethyl)ether	4.5	U	33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	37	U	330	37
621-64-7	N-Nitrosodi-n-propylamine	5.5	U	33	5.5
98-95-3	Nitrobenzene	4.7	U	33	4.7
67-72-1	Hexachloroethane	3.7	U	33	3.7
78-59-1	Isophorone	40	U	330	40
88-75-5	2-Nitrophenol	37	U	330	37
105-67-9	2,4-Dimethylphenol	82	U	330	82
120-83-2	2,4-Dichlorophenol	48	U	330	48
111-91-1	Bis(2-chloroethoxy)methane	43	U	330	43
91-20-3	Naphthalene	38	U	330	38
106-47-8	4-Chloroaniline	88	U	330	88
87-68-3	Hexachlorobutadiene	8.1	U	67	8.1
105-60-2	Caprolactam	76	U	330	76
59-50-7	4-Chloro-3-methylphenol	50	U	330	50
91-57-6	2-Methylnaphthalene	43	U	330	43
118-74-1	Hexachlorobenzene	4.5	U	33	4.5
77-47-4	Hexachlorocyclopentadiene	39	U	330	39
88-06-2	2,4,6-Trichlorophenol	39	U	330	39
95-95-4	2,4,5-Trichlorophenol	43	U	330	43
92-52-4	Diphenyl	44	U	330	44
91-58-7	2-Chloronaphthalene	37	U	330	37
88-74-4	2-Nitroaniline	140	U	670	140
606-20-2	2,6-Dinitrotoluene	10	U	67	10
131-11-3	Dimethyl phthalate	39	U	330	39
208-96-8	Acenaphthylene	39	U	330	39
99-09-2	3-Nitroaniline	120	U	670	120
83-32-9	Acenaphthene	48	U	330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-211603/1-A

Matrix: Solid | Lab File ID: U94432.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.00(g) | Date Analyzed: 03/11/2014 17:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211922 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	210	U	1000	210
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	39	U	330	39
84-66-2	Diethyl phthalate	39	U	330	39
86-73-7	Fluorene	42	U	330	42
206-44-0	Fluoranthene	44	U	330	44
84-74-2	Di-n-butyl phthalate	41	U	330	41
121-14-2	2,4-Dinitrotoluene	11	U	67	11
7005-72-3	4-Chlorophenyl phenyl ether	39	U	330	39
100-01-6	4-Nitroaniline	100	U	670	100
534-52-1	4,6-Dinitro-2-methylphenol	90	U	1000	90
101-55-3	4-Bromophenyl phenyl ether	33	U	330	33
1912-24-9	Atrazine	51	U	330	51
120-12-7	Anthracene	40	U	330	40
86-74-8	Carbazole	39	U	330	39
85-01-8	Phenanthrene	42	U	330	42
87-86-5	Pentachlorophenol	99	U	1000	99
129-00-0	Pyrene	28	U	330	28
218-01-9	Chrysene	39	U	330	39
207-08-9	Benzo[k]fluoranthene	2.5	U	33	2.5
191-24-2	Benzo[g,h,i]perylene	25	U	330	25
205-99-2	Benzo[b]fluoranthene	2.1	U	33	2.1
50-32-8	Benzo[a]pyrene	2.3	U	33	2.3
56-55-3	Benzo[a]anthracene	2.3	U	33	2.3
86-30-6	N-Nitrosodiphenylamine	33	U	330	33
85-68-7	Butyl benzyl phthalate	30	U	330	30
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	330	110
117-84-0	Di-n-octyl phthalate	21	U	330	21
193-39-5	Indeno[1,2,3-cd]pyrene	6.2	U	33	6.2
53-70-3	Dibenz(a,h)anthracene	4.2	U	33	4.2
91-94-1	3,3'-Dichlorobenzidine	120	U	670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	330	45
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-211603/1-A

Matrix: Solid Lab File ID: U94432.D

Analysis Method: 8270C Date Collected:

Extract. Method: 3541 Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.00(g) Date Analyzed: 03/11/2014 17:22

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 211922 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	111		19-114
4165-62-2	Phenol-d5	86		44-104
367-12-4	2-Fluorophenol	75		39-103
4165-60-0	Nitrobenzene-d5	76		40-106
321-60-8	2-Fluorobiphenyl	84		49-112
1718-51-0	Terphenyl-d14	85		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-211603/1-A

Matrix: Solid Lab File ID: U94432.D

Analysis Method: 8270C Date Collected:

Extract. Method: 3541 Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.00(g) Date Analyzed: 03/11/2014 17:22

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 211922 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 8100

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Aldol condensation product	2.81	8100	J A

Report Date: 13-Mar-2014 09:16:47 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94432.D
Lims ID: MB 460-211603/1-A
Client ID:
Sample Type: MB
Inject. Date: 11-Mar-2014 17:22:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010721-005
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 09:16:46 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: ranav Date: 12-Mar-2014 09:31:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.124	3.108	0.016	91	175646	37.7	
$ 6 Phenol-d5	99	4.034	4.055	-0.021	71	241318	42.9	
* 13 1,4-Dichlorobenzene-d4	152	4.404	4.401	0.003	98	106529	40.0	
$ 25 Nitrobenzene-d5	82	4.962	4.974	-0.012	89	235096	38.2	
* 35 Naphthalene-d8	136	5.684	5.689	-0.005	100	499056	40.0	
$ 48 2-Fluorobiphenyl	172	6.763	6.776	-0.013	98	356948	42.0	
* 61 Acenaphthene-d10	164	7.426	7.432	-0.006	92	248904	40.0	
$ 76 2,4,6-Tribromophenol	330	8.206	8.213	-0.007	96	53079	55.5	
* 83 Phenanthrene-d10	188	8.883	8.889	-0.006	99	493273	40.0	
$ 91 Terphenyl-d14	244	10.455	10.461	-0.006	96	335891	42.4	
* 96 Chrysene-d12	240	11.653	11.649	0.004	96	341367	40.0	
* 103 Perylene-d12	264	13.571	13.580	-0.009	97	262172	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94432.D
Lims ID: MB 460-211603/1-A
Client ID:
Sample Type: MB
Inject. Date: 11-Mar-2014 17:22:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010721-005
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 13-Mar-2014 09:16:46 Calib Date: 27-Feb-2014 14:00:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: ranav Date: 12-Mar-2014 09:31:24

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.808	2217720	121.5	13	0	0		0	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	4.404	730296	40.0

QC Flag Legend

Processing Flags

Report Date: 13-Mar-2014 09:16:47 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94432.D

Injection Date: 11-Mar-2014 17:22:30 Instrument ID: CBNAMS4 Operator ID:

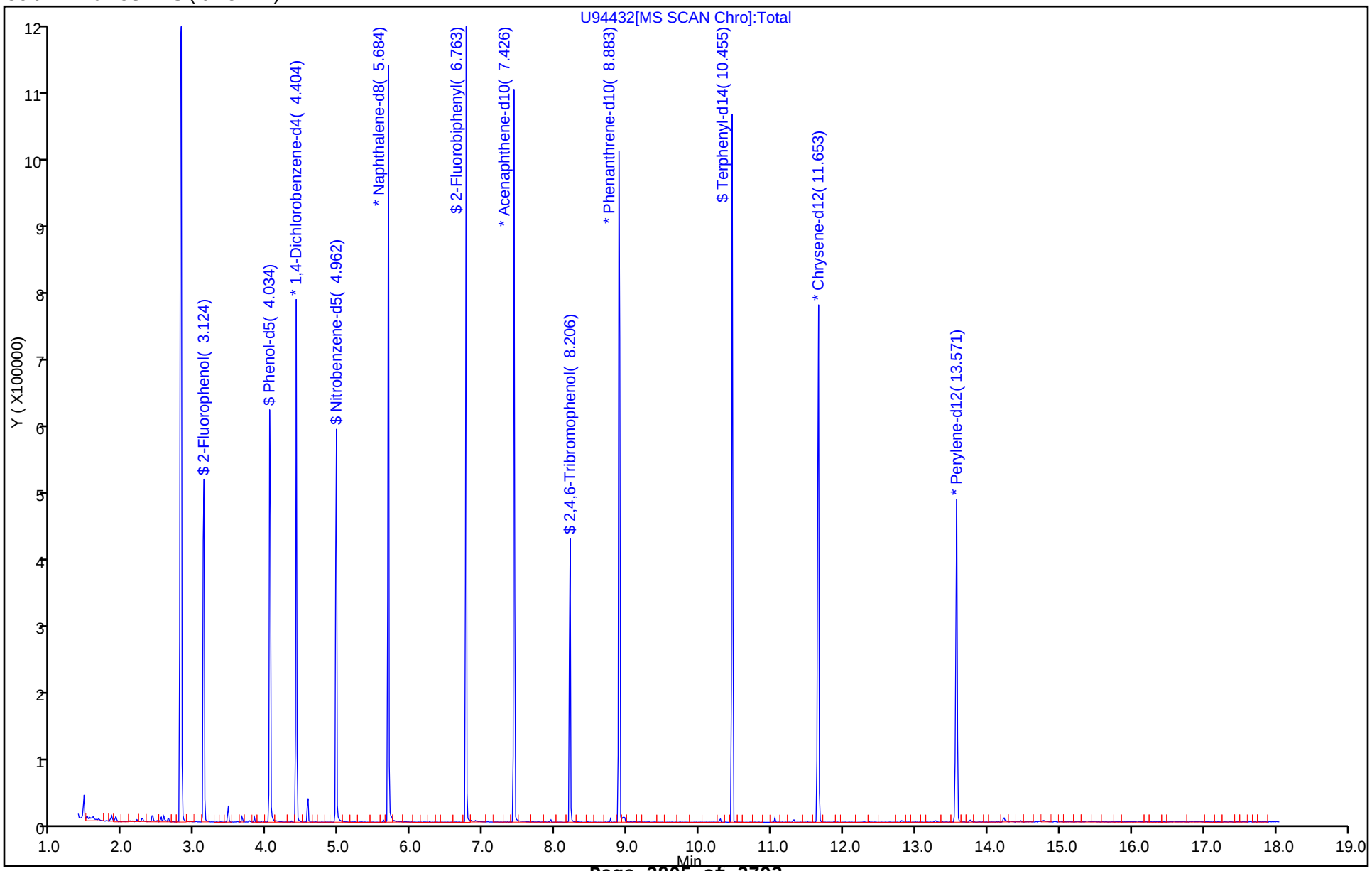
Lims ID: MB 460-211603/1-A Worklist Smp#: 5

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 13-Mar-2014 09:16:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10721.b\U94432.D

Injection Date: 11-Mar-2014 17:22:30 Instrument ID: CBNAMS4

Lims ID: MB 460-211603/1-A

Client ID:

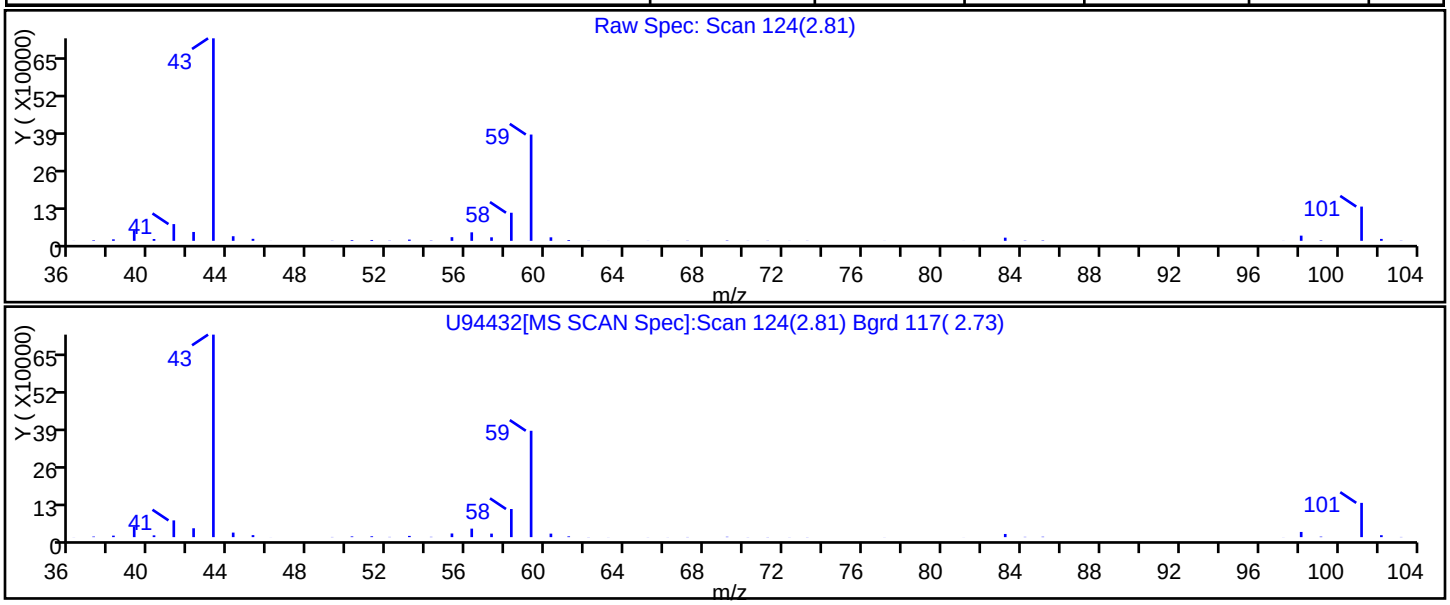
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product		NIST02.L	0		0	0



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-211622/1-A

Matrix: Water | Lab File ID: z8776.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/10/2014 09:35

Sample wt/vol: 1000(mL) | Date Analyzed: 03/13/2014 02:35

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212257 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.81	U	10	0.81
95-57-8	2-Chlorophenol	2.2	U	10	2.2
95-48-7	2-Methylphenol	1.8	U	10	1.8
106-44-5	4-Methylphenol	1.6	U	10	1.6
100-52-7	Benzaldehyde	2.0	U	10	2.0
98-86-2	Acetophenone	2.7	U	10	2.7
111-44-4	Bis(2-chloroethyl)ether	0.28	U	1.0	0.28
108-60-1	2,2'-oxybis[1-chloropropane]	2.0	U	10	2.0
621-64-7	N-Nitrosodi-n-propylamine	0.25	U	1.0	0.25
98-95-3	Nitrobenzene	0.30	U	1.0	0.30
67-72-1	Hexachloroethane	0.25	U	1.0	0.25
78-59-1	Isophorone	2.7	U	10	2.7
88-75-5	2-Nitrophenol	2.4	U	10	2.4
105-67-9	2,4-Dimethylphenol	3.4	U	10	3.4
120-83-2	2,4-Dichlorophenol	2.6	U	10	2.6
111-91-1	Bis(2-chloroethoxy)methane	2.6	U	10	2.6
91-20-3	Naphthalene	2.7	U	10	2.7
106-47-8	4-Chloroaniline	2.0	U	10	2.0
87-68-3	Hexachlorobutadiene	0.57	U	2.0	0.57
105-60-2	Caprolactam	2.5	U	10	2.5
59-50-7	4-Chloro-3-methylphenol	2.5	U	10	2.5
91-57-6	2-Methylnaphthalene	3.0	U	10	3.0
118-74-1	Hexachlorobenzene	0.29	U	1.0	0.29
77-47-4	Hexachlorocyclopentadiene	1.7	U	10	1.7
88-06-2	2,4,6-Trichlorophenol	2.4	U	10	2.4
95-95-4	2,4,5-Trichlorophenol	2.6	U	10	2.6
92-52-4	Diphenyl	2.8	U	10	2.8
91-58-7	2-Chloronaphthalene	2.7	U	10	2.7
88-74-4	2-Nitroaniline	4.9	U	20	4.9
606-20-2	2,6-Dinitrotoluene	0.61	U	2.0	0.61
131-11-3	Dimethyl phthalate	2.8	U	10	2.8
208-96-8	Acenaphthylene	2.7	U	10	2.7
99-09-2	3-Nitroaniline	5.0	U	20	5.0
83-32-9	Acenaphthene	2.7	U	10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-211622/1-A

Matrix: Water | Lab File ID: z8776.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/10/2014 09:35

Sample wt/vol: 1000(mL) | Date Analyzed: 03/13/2014 02:35

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212257 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6.7	U	30	6.7
51-28-5	2,4-Dinitrophenol	5.4	U	30	5.4
132-64-9	Dibenzofuran	2.8	U	10	2.8
84-66-2	Diethyl phthalate	2.9	U	10	2.9
86-73-7	Fluorene	2.8	U	10	2.8
206-44-0	Fluoranthene	3.2	U	10	3.2
84-74-2	Di-n-butyl phthalate	2.9	U	10	2.9
121-14-2	2,4-Dinitrotoluene	0.47	U	2.0	0.47
7005-72-3	4-Chlorophenyl phenyl ether	2.5	U	10	2.5
100-01-6	4-Nitroaniline	5.8	U	20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	4.7	U	30	4.7
101-55-3	4-Bromophenyl phenyl ether	2.5	U	10	2.5
1912-24-9	Atrazine	3.0	U	10	3.0
120-12-7	Anthracene	2.8	U	10	2.8
86-74-8	Carbazole	3.2	U	10	3.2
85-01-8	Phenanthrene	3.1	U	10	3.1
87-86-5	Pentachlorophenol	5.3	U	30	5.3
129-00-0	Pyrene	2.9	U	10	2.9
218-01-9	Chrysene	3.1	U	10	3.1
207-08-9	Benzo[k]fluoranthene	0.26	U	1.0	0.26
191-24-2	Benzo[g,h,i]perylene	2.0	U	10	2.0
205-99-2	Benzo[b]fluoranthene	0.26	U	1.0	0.26
50-32-8	Benzo[a]pyrene	0.14	U	1.0	0.14
56-55-3	Benzo[a]anthracene	0.27	U	1.0	0.27
86-30-6	N-Nitrosodiphenylamine	2.9	U	10	2.9
85-68-7	Butyl benzyl phthalate	2.5	U	10	2.5
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	10	2.0
117-84-0	Di-n-octyl phthalate	1.5	U	10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	0.15	U	1.0	0.15
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	4.9	U	20	4.9
95-94-3	1,2,4,5-Tetrachlorobenzene	2.6	U	10	2.6
58-90-2	2,3,4,6-Tetrachlorophenol	2.5	U	10	2.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-211622/1-A

Matrix: Water Lab File ID: z8776.D

Analysis Method: 8270C Date Collected:

Extract. Method: 3510C Date Extracted: 03/10/2014 09:35

Sample wt/vol: 1000(mL) Date Analyzed: 03/13/2014 02:35

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 212257 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	79		46-122
4165-62-2	Phenol-d5	23		10-48
367-12-4	2-Fluorophenol	38		10-65
4165-60-0	Nitrobenzene-d5	85		56-112
321-60-8	2-Fluorobiphenyl	80		53-108
1718-51-0	Terphenyl-d14	76		50-122

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-211622/1-A

Matrix: Water | Lab File ID: z8776.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/10/2014 09:35

Sample wt/vol: 1000(mL) | Date Analyzed: 03/13/2014 02:35

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212257 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Report Date: 14-Mar-2014 09:17:09 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8776.D
Lims ID: MB 460-211622/1-A
Client ID:
Sample Type: MB
Inject. Date: 13-Mar-2014 02:35:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010789-004
Operator ID: Instrument ID: CBNAMS11

Method: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\8270_11R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 09:17:08 Calib Date: 04-Mar-2014 06:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS11\20140304-10400.b\z8451.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: croccom Date: 13-Mar-2014 09:30:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.485	2.485	0.0	94	162708	18.9	
$ 6 Phenol-d5	99	3.397	3.414	-0.017	70	114802	11.7	
* 13 1,4-Dichlorobenzene-d4	152	3.697	3.697	0.0	97	268458	40.0	
$ 25 Nitrobenzene-d5	82	4.267	4.273	-0.006	89	351095	42.7	
* 35 Naphthalene-d8	136	4.991	4.991	0.0	99	935859	40.0	
23 2-Toluidine	107	4.991	5.031	-0.040	33	5664	NC	
$ 48 2-Fluorobiphenyl	172	6.085	6.091	-0.006	98	620823	39.8	
* 61 Acenaphthene-d10	164	6.737	6.743	-0.006	91	435107	40.0	
$ 76 2,4,6-Tribromophenol	330	7.514	7.520	-0.006	94	56335	39.5	
* 83 Phenanthrene-d10	188	8.184	8.185	-0.001	98	543045	40.0	
$ 91 Terphenyl-d14	244	9.755	9.755	0.0	99	257466	37.9	
* 96 Chrysene-d12	240	10.808	10.808	0.0	99	263610	40.0	
* 103 Perylene-d12	264	12.543	12.543	0.0	99	183735	40.0	

Report Date: 14-Mar-2014 09:17:09 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8776.D

Injection Date: 13-Mar-2014 02:35:30 Instrument ID: CBNAMS11 Operator ID:

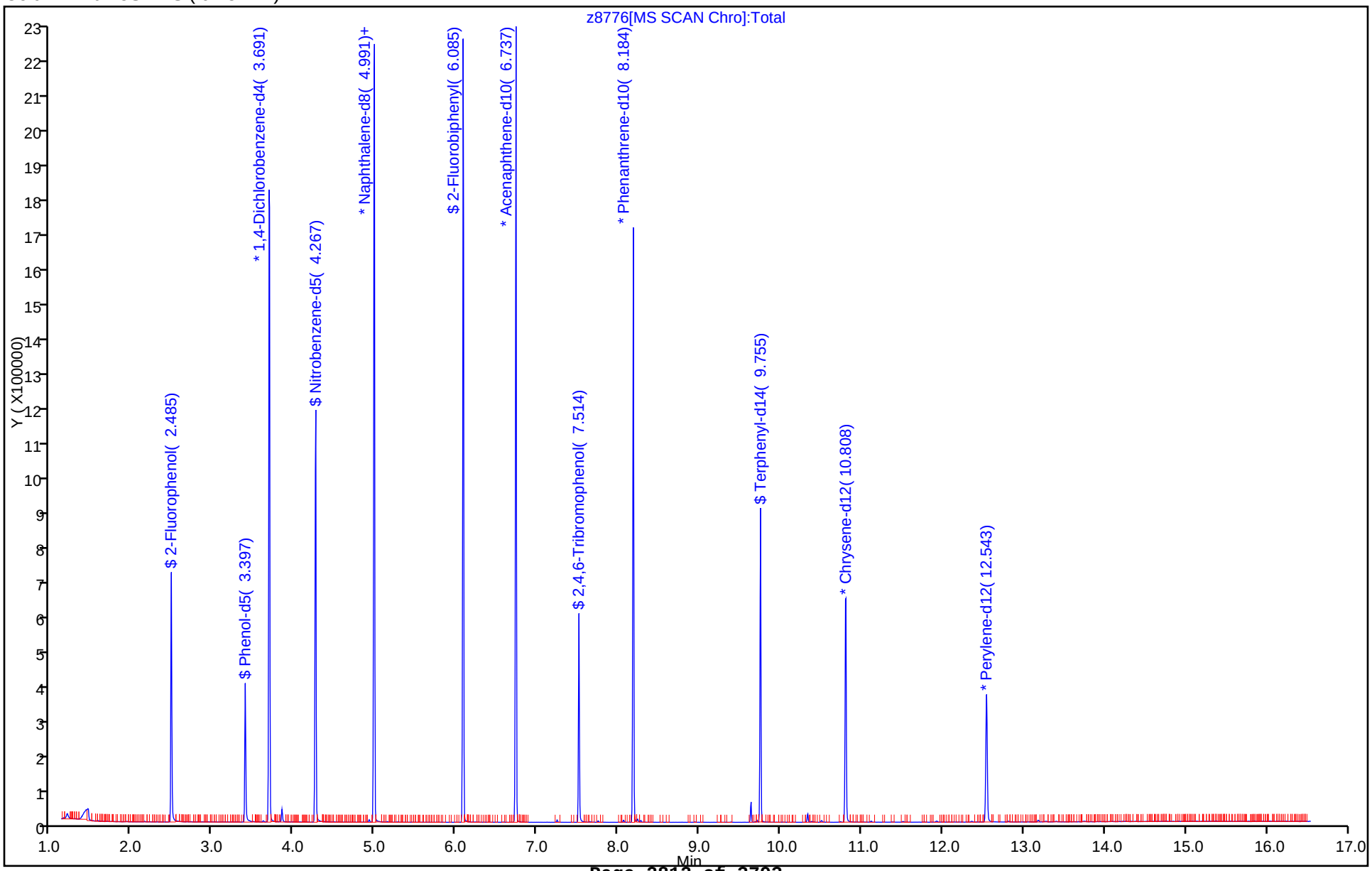
Lims ID: MB 460-211622/1-A Worklist Smp#: 4

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270_11R Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-211728/1-A

Matrix: Solid | Lab File ID: L1147861.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 17:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	44	U	330	44
95-57-8	2-Chlorophenol	43	U	330	43
95-48-7	2-Methylphenol	56	U	330	56
106-44-5	4-Methylphenol	65	U	330	65
100-52-7	Benzaldehyde	39	U	330	39
98-86-2	Acetophenone	51	U	330	51
111-44-4	Bis(2-chloroethyl)ether	4.5	U	33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	37	U	330	37
621-64-7	N-Nitrosodi-n-propylamine	5.5	U	33	5.5
98-95-3	Nitrobenzene	4.7	U	33	4.7
67-72-1	Hexachloroethane	3.7	U	33	3.7
78-59-1	Isophorone	40	U	330	40
88-75-5	2-Nitrophenol	37	U	330	37
105-67-9	2,4-Dimethylphenol	81	U	330	81
120-83-2	2,4-Dichlorophenol	48	U	330	48
111-91-1	Bis(2-chloroethoxy)methane	43	U	330	43
91-20-3	Naphthalene	38	U	330	38
106-47-8	4-Chloroaniline	87	U	330	87
87-68-3	Hexachlorobutadiene	8.1	U	67	8.1
105-60-2	Caprolactam	76	U	330	76
59-50-7	4-Chloro-3-methylphenol	50	U	330	50
91-57-6	2-Methylnaphthalene	42	U	330	42
118-74-1	Hexachlorobenzene	4.5	U	33	4.5
77-47-4	Hexachlorocyclopentadiene	39	U	330	39
88-06-2	2,4,6-Trichlorophenol	39	U	330	39
95-95-4	2,4,5-Trichlorophenol	43	U	330	43
92-52-4	Diphenyl	44	U	330	44
91-58-7	2-Chloronaphthalene	37	U	330	37
88-74-4	2-Nitroaniline	140	U	670	140
606-20-2	2,6-Dinitrotoluene	10	U	67	10
131-11-3	Dimethyl phthalate	39	U	330	39
208-96-8	Acenaphthylene	39	U	330	39
99-09-2	3-Nitroaniline	120	U	670	120
83-32-9	Acenaphthene	48	U	330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-211728/1-A

Matrix: Solid | Lab File ID: L1147861.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 17:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	210	U	1000	210
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	39	U	330	39
84-66-2	Diethyl phthalate	39	U	330	39
86-73-7	Fluorene	42	U	330	42
206-44-0	Fluoranthene	44	U	330	44
84-74-2	Di-n-butyl phthalate	41	U	330	41
121-14-2	2,4-Dinitrotoluene	11	U	67	11
7005-72-3	4-Chlorophenyl phenyl ether	39	U	330	39
100-01-6	4-Nitroaniline	100	U	670	100
534-52-1	4,6-Dinitro-2-methylphenol	90	U	1000	90
101-55-3	4-Bromophenyl phenyl ether	33	U	330	33
1912-24-9	Atrazine	51	U	330	51
120-12-7	Anthracene	40	U	330	40
86-74-8	Carbazole	39	U	330	39
85-01-8	Phenanthrene	42	U	330	42
87-86-5	Pentachlorophenol	99	U	1000	99
129-00-0	Pyrene	28	U	330	28
218-01-9	Chrysene	39	U	330	39
207-08-9	Benzo[k]fluoranthene	2.5	U	33	2.5
191-24-2	Benzo[g,h,i]perylene	24	U	330	24
205-99-2	Benzo[b]fluoranthene	2.1	U	33	2.1
50-32-8	Benzo[a]pyrene	2.3	U	33	2.3
56-55-3	Benzo[a]anthracene	2.3	U	33	2.3
86-30-6	N-Nitrosodiphenylamine	33	U	330	33
85-68-7	Butyl benzyl phthalate	30	U	330	30
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	330	110
117-84-0	Di-n-octyl phthalate	21	U	330	21
193-39-5	Indeno[1,2,3-cd]pyrene	6.1	U	33	6.1
53-70-3	Dibenz(a,h)anthracene	4.2	U	33	4.2
91-94-1	3,3'-Dichlorobenzidine	120	U	670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	330	44
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-211728/1-A

Matrix: Solid | Lab File ID: L1147861.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 17:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	84		19-114
4165-62-2	Phenol-d5	88		44-104
367-12-4	2-Fluorophenol	85		39-103
4165-60-0	Nitrobenzene-d5	95		40-106
321-60-8	2-Fluorobiphenyl	92		49-112
1718-51-0	Terphenyl-d14	111		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-211728/1-A

Matrix: Solid | Lab File ID: L1147861.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 17:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 6640

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Aldol condensation product	2.17	6640	A J

Report Date: 12-Mar-2014 12:43:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147861.D
Lims ID: MB 460-211728/1-A
Client ID:
Sample Type: MB
Inject. Date: 11-Mar-2014 17:13:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010722-004
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 12-Mar-2014 12:42:05 Calib Date: 05-Mar-2014 23:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147714.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: croccom Date: 12-Mar-2014 08:10:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.454	2.431	0.023	95	140396	42.7	
$ 6 Phenol-d5	99	3.366	3.366	0.0	68	168905	44.0	
* 13 1,4-Dichlorobenzene-d4	152	3.713	3.713	0.0	96	116323	40.0	
$ 25 Nitrobenzene-d5	82	4.290	4.296	-0.006	92	159277	47.3	
* 35 Naphthalene-d8	136	5.019	5.019	0.0	99	436124	40.0	
23 2-Toluidine	107	5.019	5.053	-0.034	33	2428	NC	
$ 48 2-Fluorobiphenyl	172	6.125	6.125	0.0	97	313533	45.9	
* 61 Acenaphthene-d10	164	6.778	6.778	0.0	94	209491	40.0	
$ 76 2,4,6-Tribromophenol	330	7.560	7.566	-0.006	93	42163	41.9	
* 83 Phenanthrene-d10	188	8.242	8.242	0.0	98	286485	40.0	
$ 91 Terphenyl-d14	244	9.819	9.825	-0.006	99	221131	55.3	
* 96 Chrysene-d12	240	10.901	10.907	-0.006	99	188014	40.0	
* 103 Perylene-d12	264	12.695	12.695	0.0	98	157850	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147861.D				
Lims ID:	MB 460-211728/1-A				
Client ID:					
Sample Type:	MB				
Inject. Date:	11-Mar-2014 17:13:30	ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0010722-004				
Operator ID:	BNA 12	Instrument ID:	CBNAMS12		
Method:	\\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\8270_12R.m				
Limit Group:	SV 8270 ICAL				
Last Update:	12-Mar-2014 12:42:05	Calib Date:	05-Mar-2014 23:36:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK013				
First Level Reviewer: croccom		Date:	12-Mar-2014 08:10:04		

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
Aldol condensation product								
2.172	1718162	99.8	13	0	0		0	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	3.713	688434	40.0

QC Flag Legend

Processing Flags

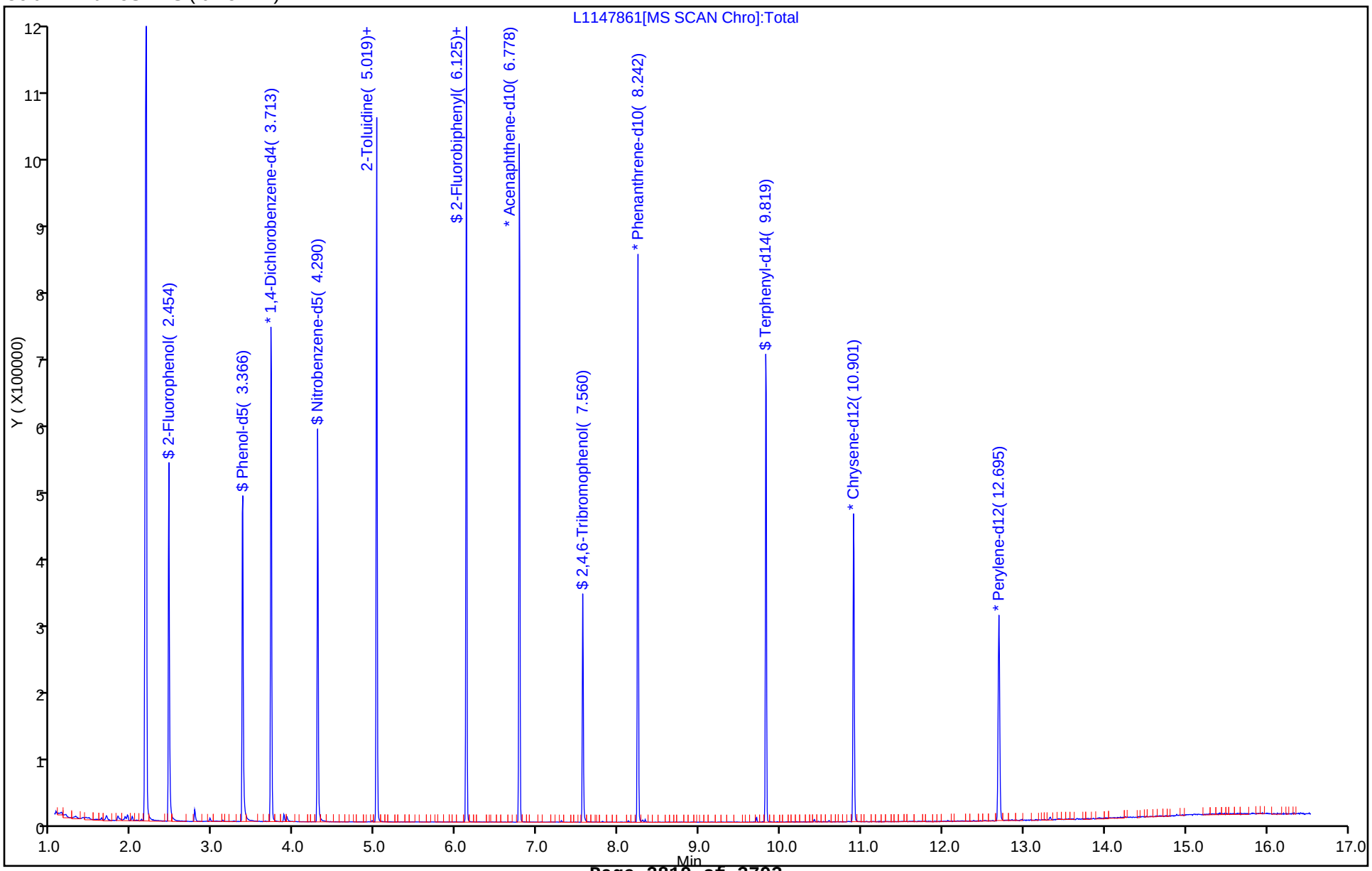
Report Date: 12-Mar-2014 12:43:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147861.D

Injection Date:	11-Mar-2014 17:13:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	MB 460-211728/1-A			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270_12R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 12-Mar-2014 12:43:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147861.D

Injection Date: 11-Mar-2014 17:13:30 Instrument ID: CBNAMS12

Lims ID: MB 460-211728/1-A

Client ID:

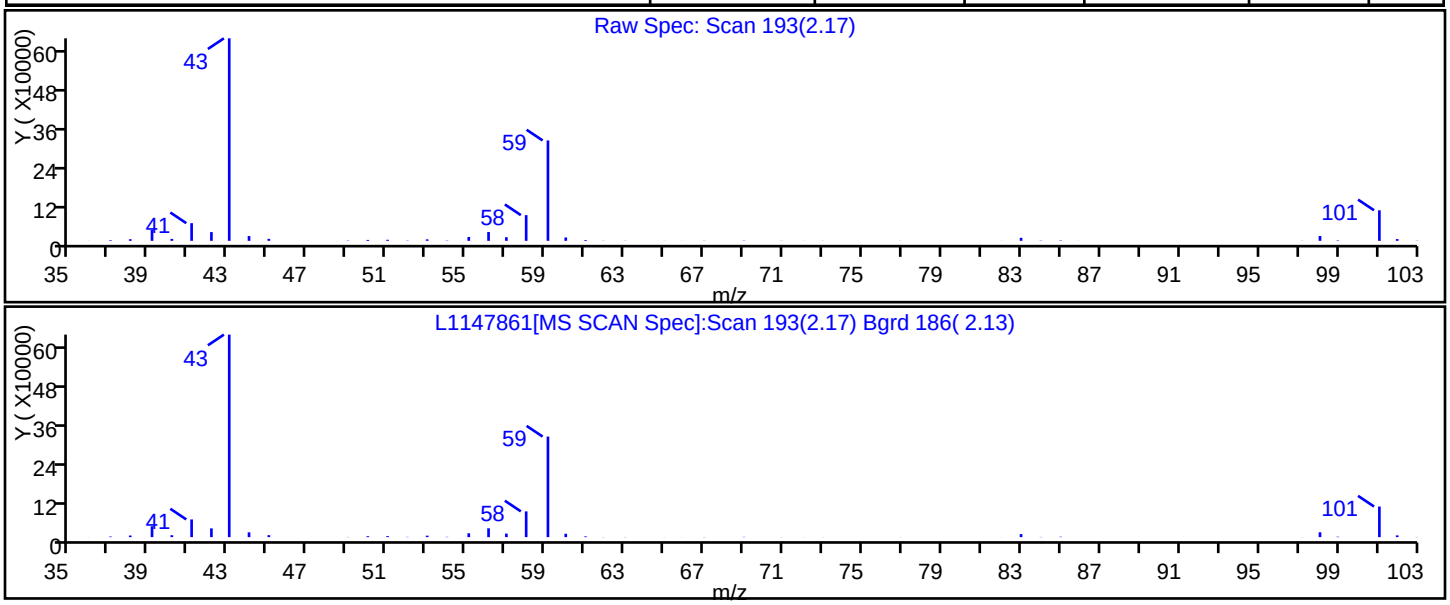
Operator ID: BNA 12 ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product		NIST02.L	0		0	0



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-211603/2-A

Matrix: Solid | Lab File ID: U94408.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.00(g) | Date Analyzed: 03/11/2014 05:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	3760		330	39

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	113		19-114
4165-62-2	Phenol-d5	90		44-104
367-12-4	2-Fluorophenol	86		39-103
4165-60-0	Nitrobenzene-d5	90		40-106
321-60-8	2-Fluorobiphenyl	88		49-112
1718-51-0	Terphenyl-d14	108		41-145

Report Date: 12-Mar-2014 19:09:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94408.D
Lims ID: LCS 460-211603/2-A
Client ID:
Sample Type: LCS
Inject. Date: 11-Mar-2014 05:17:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-005
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 12-Mar-2014 18:26:59 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: croccom Date: 11-Mar-2014 14:45:41

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.149	3.127	0.022	91	205480	43.2	
5 Benzaldehyde	77	3.984	3.977	0.007	85	256298	56.4	
$ 6 Phenol-d5	99	4.053	4.071	-0.018	71	258844	45.0	
* 13 1,4-Dichlorobenzene-d4	152	4.424	4.430	-0.006	98	108788	40.0	
$ 25 Nitrobenzene-d5	82	4.970	4.990	-0.020	93	244198	44.9	
* 35 Naphthalene-d8	136	5.702	5.701	0.001	100	441927	40.0	
$ 48 2-Fluorobiphenyl	172	6.778	6.785	-0.007	97	383922	43.9	
* 61 Acenaphthene-d10	164	7.440	7.451	-0.011	93	256411	40.0	
$ 76 2,4,6-Tribromophenol	330	8.220	8.230	-0.010	85	55817	56.6	
* 83 Phenanthrene-d10	188	8.905	8.917	-0.012	99	455760	40.0	
$ 91 Terphenyl-d14	244	10.484	10.483	0.001	99	342216	54.2	
* 96 Chrysene-d12	240	11.680	11.690	-0.010	99	271719	40.0	
* 103 Perylene-d12	264	13.608	13.619	-0.011	98	223734	40.0	

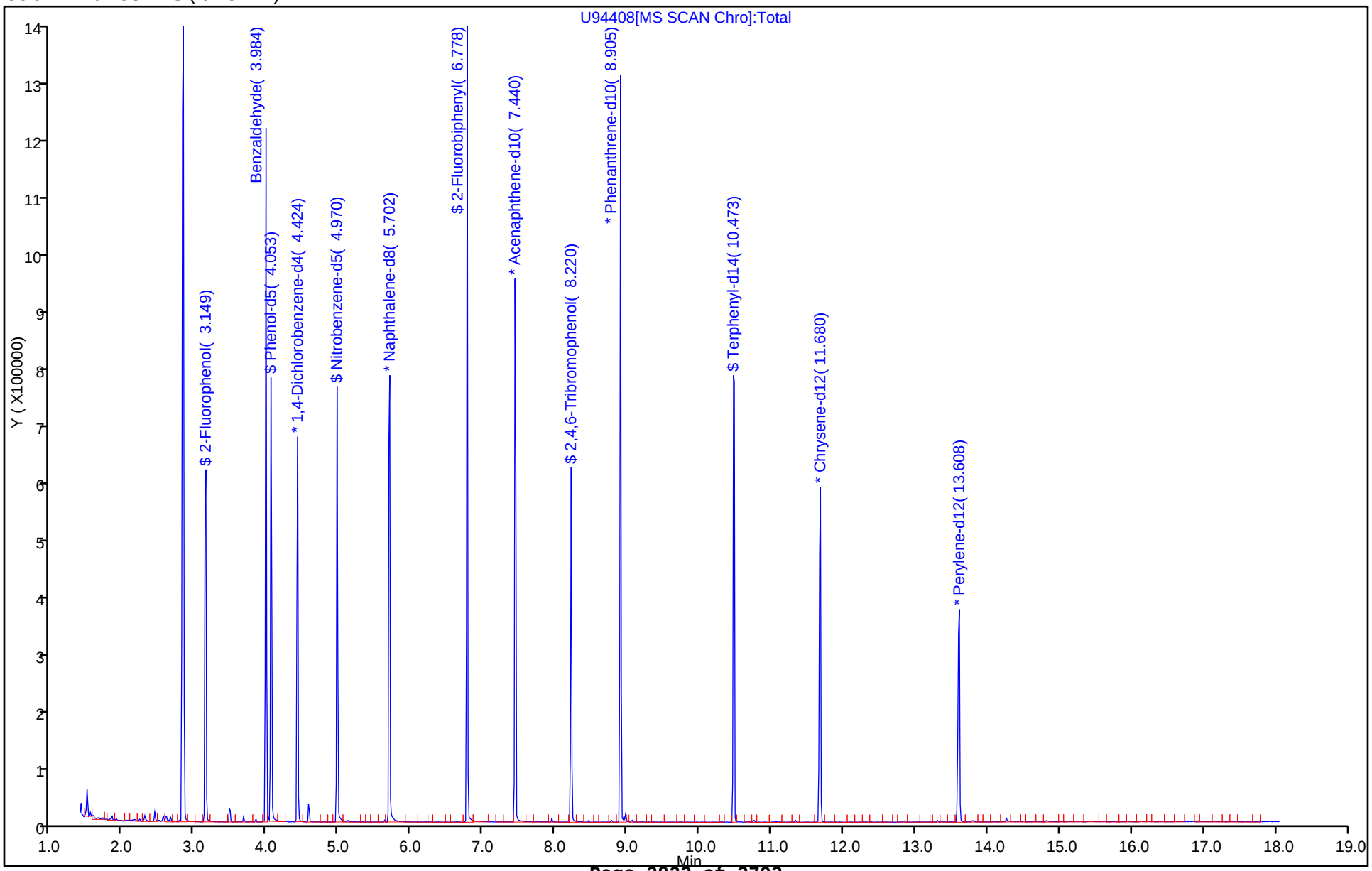
Report Date: 12-Mar-2014 19:09:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94408.D

Injection Date:	11-Mar-2014 05:17:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	LCS 460-211603/2-A			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270_4R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-211603/3-A

Matrix: Solid | Lab File ID: U94409.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.00(g) | Date Analyzed: 03/11/2014 05:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2640		330	44
95-57-8	2-Chlorophenol	2720		330	44
95-48-7	2-Methylphenol	2790		330	56
106-44-5	4-Methylphenol	2760		330	65
98-86-2	Acetophenone	2490		330	51
111-44-4	Bis(2-chloroethyl)ether	2400		33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	2540		330	37
621-64-7	N-Nitrosodi-n-propylamine	2680		33	5.5
98-95-3	Nitrobenzene	2510		33	4.7
67-72-1	Hexachloroethane	2330		33	3.7
78-59-1	Isophorone	2680		330	40
88-75-5	2-Nitrophenol	2780		330	37
105-67-9	2,4-Dimethylphenol	2710		330	82
120-83-2	2,4-Dichlorophenol	2610		330	48
111-91-1	Bis(2-chloroethoxy)methane	2560		330	43
91-20-3	Naphthalene	2620		330	38
106-47-8	4-Chloroaniline	949		330	88
87-68-3	Hexachlorobutadiene	2590		67	8.1
105-60-2	Caprolactam	3240		330	76
59-50-7	4-Chloro-3-methylphenol	2820		330	50
91-57-6	2-Methylnaphthalene	2650		330	43
118-74-1	Hexachlorobenzene	3460		33	4.5
77-47-4	Hexachlorocyclopentadiene	1860		330	39
88-06-2	2,4,6-Trichlorophenol	3000		330	39
95-95-4	2,4,5-Trichlorophenol	3030		330	43
92-52-4	Diphenyl	2450		330	44
91-58-7	2-Chloronaphthalene	2420		330	37
88-74-4	2-Nitroaniline	2620		670	140
606-20-2	2,6-Dinitrotoluene	2980		67	10
131-11-3	Dimethyl phthalate	2910		330	39
208-96-8	Acenaphthylene	2540		330	39
99-09-2	3-Nitroaniline	1540		670	120
83-32-9	Acenaphthene	2450		330	48
100-02-7	4-Nitrophenol	6260		1000	210

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-211603/3-A

Matrix: Solid | Lab File ID: U94409.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.00(g) | Date Analyzed: 03/11/2014 05:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	5460		1000	190
132-64-9	Dibenzofuran	2680		330	39
84-66-2	Diethyl phthalate	2850		330	39
86-73-7	Fluorene	2720		330	42
206-44-0	Fluoranthene	2980		330	44
84-74-2	Di-n-butyl phthalate	2270		330	41
121-14-2	2,4-Dinitrotoluene	3210		67	11
7005-72-3	4-Chlorophenyl phenyl ether	3150		330	39
100-01-6	4-Nitroaniline	3000		670	100
534-52-1	4,6-Dinitro-2-methylphenol	5560		1000	90
101-55-3	4-Bromophenyl phenyl ether	2340		330	33
1912-24-9	Atrazine	2440		330	51
120-12-7	Anthracene	2260		330	40
86-74-8	Carbazole	2450		330	39
85-01-8	Phenanthrene	2440		330	42
87-86-5	Pentachlorophenol	4930		1000	99
129-00-0	Pyrene	2870		330	28
218-01-9	Chrysene	2550		330	39
207-08-9	Benzo[k]fluoranthene	2690		33	2.5
191-24-2	Benzo[g,h,i]perylene	2240		330	25
205-99-2	Benzo[b]fluoranthene	2580		33	2.1
50-32-8	Benzo[a]pyrene	2480		33	2.3
56-55-3	Benzo[a]anthracene	2560		33	2.3
86-30-6	N-Nitrosodiphenylamine	2190		330	33
85-68-7	Butyl benzyl phthalate	2650		330	30
117-81-7	Bis(2-ethylhexyl) phthalate	2550		330	110
117-84-0	Di-n-octyl phthalate	2490		330	21
193-39-5	Indeno[1,2,3-cd]pyrene	2400		33	6.2
53-70-3	Dibenz(a,h)anthracene	2430		33	4.2
91-94-1	3,3'-Dichlorobenzidine	1480		670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2670		330	45
58-90-2	2,3,4,6-Tetrachlorophenol	2900		330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-211603/3-A

Matrix: Solid Lab File ID: U94409.D

Analysis Method: 8270C Date Collected:

Extract. Method: 3541 Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.00(g) Date Analyzed: 03/11/2014 05:39

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	91		19-114
4165-62-2	Phenol-d5	74		44-104
367-12-4	2-Fluorophenol	71		39-103
4165-60-0	Nitrobenzene-d5	72		40-106
321-60-8	2-Fluorobiphenyl	72		49-112
1718-51-0	Terphenyl-d14	79		41-145

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94409.D
Lims ID: LCS 460-211603/3-A
Client ID:
Sample Type: LCS
Inject. Date: 11-Mar-2014 05:39:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010686-006
Operator ID: Instrument ID: CBNAMS4

Method: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\8270_4R.m
Limit Group: SV 8270 ICAL
Last Update: 12-Mar-2014 18:26:59 Calib Date: 27-Feb-2014 14:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94139.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: croccom Date: 12-Mar-2014 11:59:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
1 1,4-Dioxane	88	1.708	1.660	0.048	89	40168	17.3	M
2 N-Nitrosodimethylamine	74	1.952	1.916	0.036	83	155173	36.0	
3 Pyridine	79	1.975	1.939	0.036	84	159713	24.2	
$ 4 2-Fluorophenol	112	3.141	3.127	0.014	88	206803	35.3	
$ 6 Phenol-d5	99	4.068	4.071	-0.003	91	260607	36.8	
7 Phenol	94	4.080	4.083	-0.003	93	291994	39.7	
8 Aniline	93	4.092	4.094	-0.002	90	230340	27.3	
9 Bis(2-chloroethyl)ether	93	4.161	4.163	-0.002	82	218345	36.0	
10 2-Chlorophenol	128	4.218	4.221	-0.003	87	215979	40.8	
11 n-Decane	43	4.265	4.267	-0.002	90	213062	27.4	
12 1,3-Dichlorobenzene	146	4.370	4.371	-0.001	92	191606	36.8	
* 13 1,4-Dichlorobenzene-d4	152	4.417	4.430	-0.013	93	133844	40.0	
124 Benzonitrile	103	4.393	4.430	-0.037	1	420	NC	
14 1,4-Dichlorobenzene	146	4.440	4.442	-0.002	90	195020	37.5	
15 Benzyl alcohol	108	4.567	4.570	-0.003	87	148407	42.3	
16 1,2-Dichlorobenzene	146	4.590	4.594	-0.004	90	182332	37.5	
17 2-Methylphenol	108	4.684	4.688	-0.004	84	204148	41.8	
18 2,2'-oxybis[1-chloropropane]	45	4.696	4.699	-0.003	91	398380	38.2	
20 N-Nitrosodi-n-propylamine	70	4.836	4.838	-0.002	89	196445	40.2	
19 Acetophenone	105	4.825	4.838	-0.013	77	253500	37.3	
21 4-Methylphenol	108	4.836	4.850	-0.014	76	215676	41.4	
22 3 & 4 Methylphenol	108	4.836	4.850	-0.014	77	217264	41.5	
24 Hexachloroethane	117	4.930	4.932	-0.002	85	95829	34.9	
$ 25 Nitrobenzene-d5	82	4.976	4.990	-0.014	92	250537	36.2	
26 Nitrobenzene	77	4.999	5.012	-0.013	87	353522	37.7	
27 n,n'-Dimethylaniline	120	4.999	5.012	-0.013	74	317342	40.2	
125 N-Methylaniline	106	4.999	5.012	-0.013	41	10650	NC	
28 Isophorone	82	5.233	5.245	-0.012	96	465959	40.2	
29 2-Nitrophenol	139	5.314	5.327	-0.013	73	111998	41.7	
30 2,4-Dimethylphenol	122	5.371	5.374	-0.003	89	196143	40.6	
31 Bis(2-chloroethoxy)methane	93	5.453	5.456	-0.003	91	261149	38.5	
32 Benzoic acid	122	5.512	5.528	-0.016	90	107151	39.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
33 2,4-Dichlorophenol	162	5.570	5.574	-0.004	93	146879	39.2	
34 1,2,4-Trichlorobenzene	180	5.641	5.655	-0.014	91	163118	38.1	
* 35 Naphthalene-d8	136	5.699	5.701	-0.002	97	562593	40.0	
36 Naphthalene	128	5.723	5.724	-0.001	99	568922	39.3	
37 4-Chloroaniline	127	5.770	5.782	-0.012	84	87885	14.2	
38 Hexachlorobutadiene	225	5.852	5.852	0.0	87	80669	38.9	
39 Caprolactam	113	6.154	6.154	0.0	87	68454	48.5	M
40 4-Chloro-3-methylphenol	107	6.283	6.283	0.0	92	185362	42.3	
41 2-Methylnaphthalene	142	6.412	6.412	0.0	77	327348	39.7	
42 1-Methylnaphthalene	142	6.517	6.517	0.0	92	305016	42.8	
43 Hexachlorocyclopentadiene	237	6.576	6.587	-0.011	77	69174	27.8	
44 1,2,4,5-Tetrachlorobenzene	216	6.587	6.587	0.0	91	128354	40.1	
45 2-tertbutyl-4-methylphenol	149	6.623	6.622	0.001	81	281308	51.6	
46 2,4,6-Trichlorophenol	196	6.705	6.704	0.001	87	105948	45.0	
47 2,4,5-Trichlorophenol	196	6.740	6.749	-0.009	87	110073	45.5	
$ 48 2-Fluorobiphenyl	172	6.774	6.785	-0.011	97	328822	35.8	
49 1,1'-Biphenyl	154	6.877	6.889	-0.012	97	367733	36.7	
50 2-Chloronaphthalene	162	6.900	6.900	0.0	94	278531	36.3	
53 Phenyl ether	170	6.981	6.983	-0.002	88	229998	42.9	
54 2-Nitroaniline	65	7.004	7.006	-0.002	92	174126	39.3	
55 1,3-Dimethylnaphthalene	156	7.120	7.123	-0.003	89	259611	43.2	
56 Dimethyl phthalate	163	7.190	7.194	-0.004	96	347793	43.6	
57 Coumarin	146	7.214	7.217	-0.003	70	127547	58.0	
58 2,6-Dinitrotoluene	165	7.249	7.252	-0.003	69	85291	44.7	
59 Acenaphthylene	152	7.306	7.310	-0.004	95	414113	38.1	
60 3-Nitroaniline	138	7.412	7.415	-0.003	91	49838	23.1	
* 61 Acenaphthene-d10	164	7.447	7.451	-0.004	91	268973	40.0	
63 3,5-di-tert-butyl-4-hydroxytol	205	7.470	7.474	-0.004	95	216693	43.9	
62 Acenaphthene	154	7.481	7.485	-0.004	95	266774	36.7	
64 2,4-Dinitrophenol	184	7.516	7.520	-0.004	92	96243	81.9	
65 4-Nitrophenol	65	7.586	7.602	-0.016	91	198703	93.8	
67 2,4-Dinitrotoluene	165	7.644	7.649	-0.005	91	113532	48.1	
66 Dibenzofuran	168	7.656	7.661	-0.005	87	407157	40.2	
68 2,3,4,6-Tetrachlorophenol	232	7.773	7.789	-0.015	76	70169	43.4	
69 Diethyl phthalate	149	7.878	7.893	-0.015	95	341287	42.7	
71 4-Chlorophenyl phenyl ether	204	7.983	7.987	-0.004	74	132099	47.2	
70 Fluorene	166	7.983	7.998	-0.015	74	311441	40.8	
72 4-Nitroaniline	138	8.018	8.033	-0.015	95	79814	45.0	
73 4,6-Dinitro-2-methylphenol	198	8.053	8.056	-0.003	74	116809	83.3	
74 N-Nitrosodiphenylamine	169	8.110	8.115	-0.005	66	221162	32.8	
75 1,2-Diphenylhydrazine	77	8.146	8.149	-0.003	97	496391	34.1	
$ 76 2,4,6-Tribromophenol	330	8.228	8.230	-0.002	93	46897	45.4	
77 4-Bromophenyl phenyl ether	248	8.462	8.474	-0.012	61	73592	35.1	
78 Hexachlorobenzene	284	8.542	8.545	-0.003	94	105867	51.8	
79 Atrazine	200	8.634	8.637	-0.003	81	67810	36.6	
121 Pentachlorophenol	266	8.727	8.742	-0.015	85	109874	74.0	
81 Pentachloronitrobenzene	237	8.749	8.753	-0.004	87	37310	37.5	
82 n-Octadecane	57	8.795	8.800	-0.005	95	315896	30.8	
* 83 Phenanthrene-d10	188	8.911	8.917	-0.006	99	394453	40.0	
84 Phenanthrene	178	8.934	8.940	-0.006	98	403285	36.7	
85 Anthracene	178	8.981	8.987	-0.006	97	378417	33.9	
86 Carbazole	167	9.143	9.139	0.004	97	370267	36.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
87 Di-n-butyl phthalate	149	9.469	9.477	-0.008	99	501692	34.0	
88 Fluoranthene	202	10.096	10.099	-0.003	97	350502	44.7	
122 Benzidine	184	10.224	10.228	-0.004	97	42504	9.49	
90 Pyrene	202	10.318	10.333	-0.015	96	326494	43.1	
$ 91 Terphenyl-d14	244	10.481	10.483	-0.002	99	218937	39.3	
92 Butyl benzyl phthalate	149	11.006	11.004	0.002	97	212672	39.7	
93 Carbamazepine	193	11.135	11.144	-0.009	86	120796	44.7	
94 3,3'-Dichlorobenzidine	252	11.634	11.645	-0.011	98	53101	22.2	
95 Benzo[a]anthracene	228	11.669	11.668	0.001	99	231543	38.5	
* 96 Chrysene-d12	240	11.680	11.690	-0.010	94	239853	40.0	
98 Bis(2-ethylhexyl) phthalate	149	11.692	11.701	-0.009	87	255830	38.2	
97 Chrysene	228	11.714	11.724	-0.010	95	188441	38.3	
99 Di-n-octyl phthalate	149	12.549	12.561	-0.012	93	420633	37.3	
100 Benzo[b]fluoranthene	252	13.083	13.095	-0.012	97	217894	38.8	
101 Benzo[k]fluoranthene	252	13.117	13.129	-0.012	98	229135	40.3	
102 Benzo[a]pyrene	252	13.524	13.537	-0.013	94	187103	37.2	
* 103 Perylene-d12	264	13.606	13.619	-0.013	97	212663	40.0	
104 Indeno[1,2,3-cd]pyrene	276	15.137	15.153	-0.016	99	192517	36.0	M
105 Dibenz(a,h)anthracene	278	15.172	15.188	-0.016	96	178118	36.5	
106 Benzo[g,h,i]perylene	276	15.569	15.585	-0.016	92	175916	33.7	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 12-Mar-2014 19:09:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94409.D

Injection Date: 11-Mar-2014 05:39:30 Instrument ID: CBNAMS4 Operator ID:

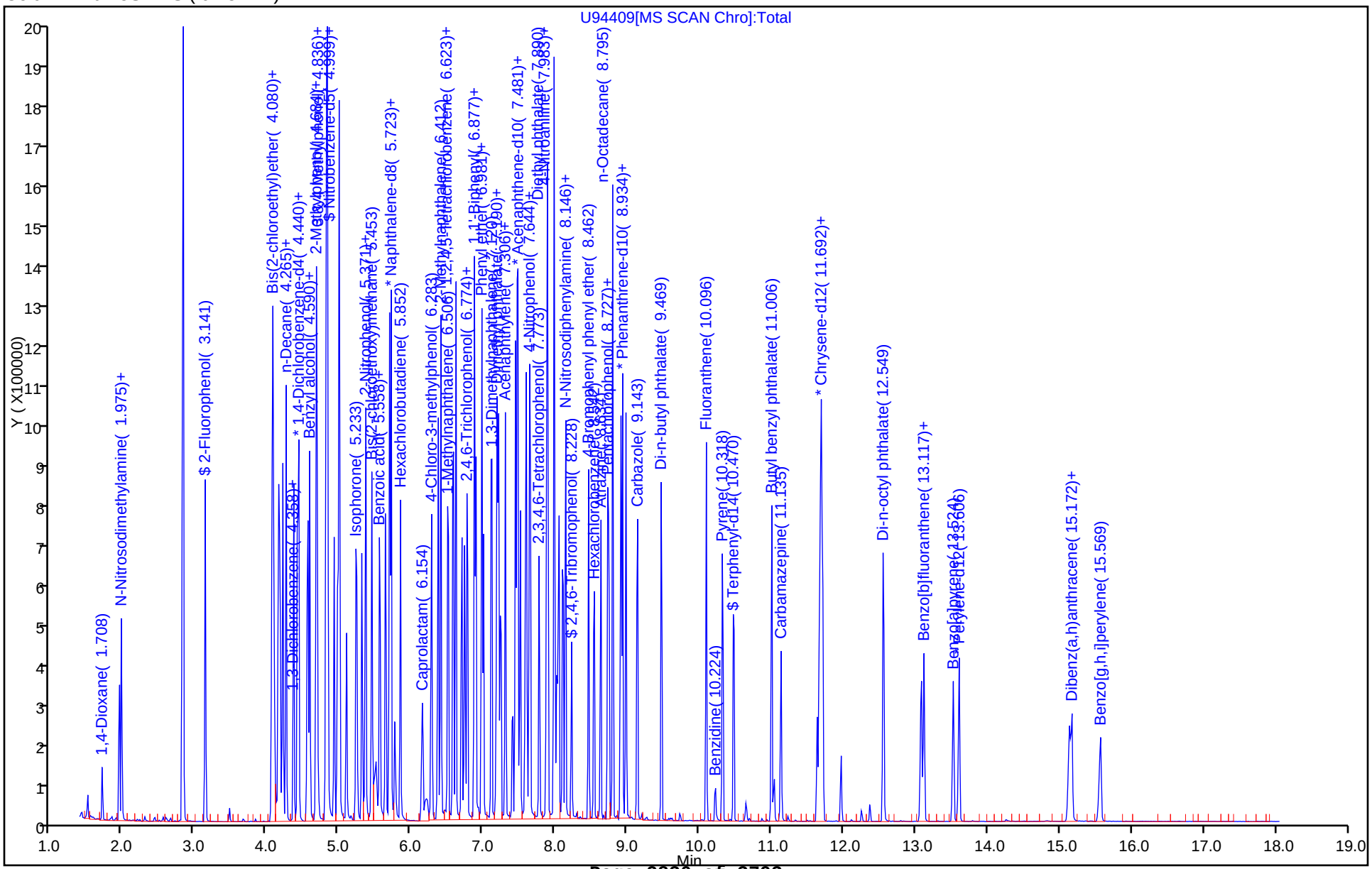
Lims ID: LCS 460-211603/3-A Worklist Smp#: 6

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270_4R Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

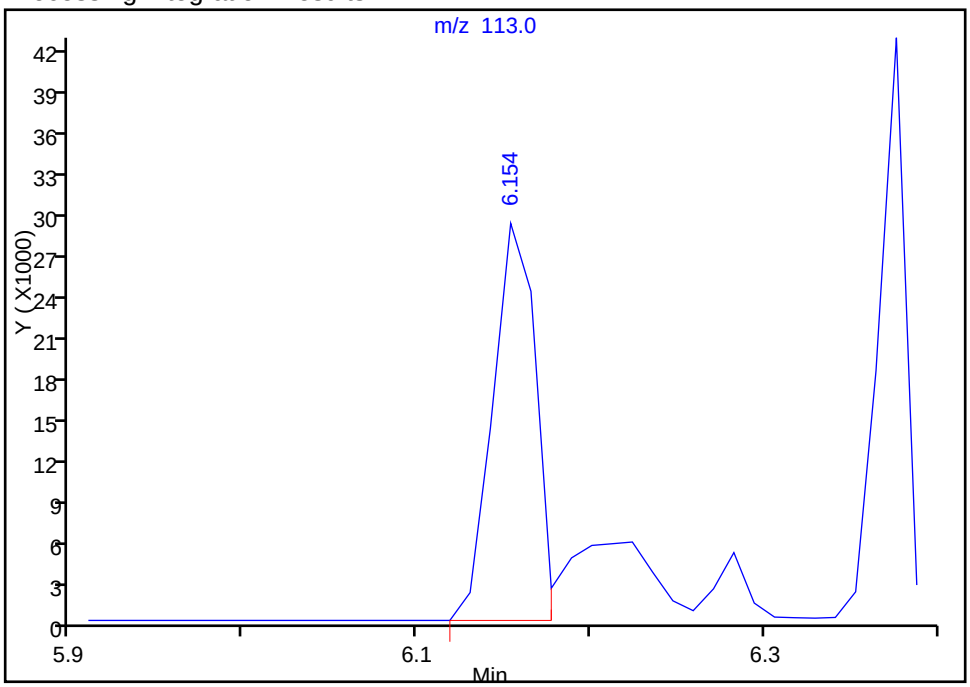
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94409.D
Injection Date: 11-Mar-2014 05:39:30 Instrument ID: CBNAMS4
Lims ID: LCS 460-211603/3-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_4R Limit Group: SV 8270 ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

39 Caprolactam, CAS: 105-60-2

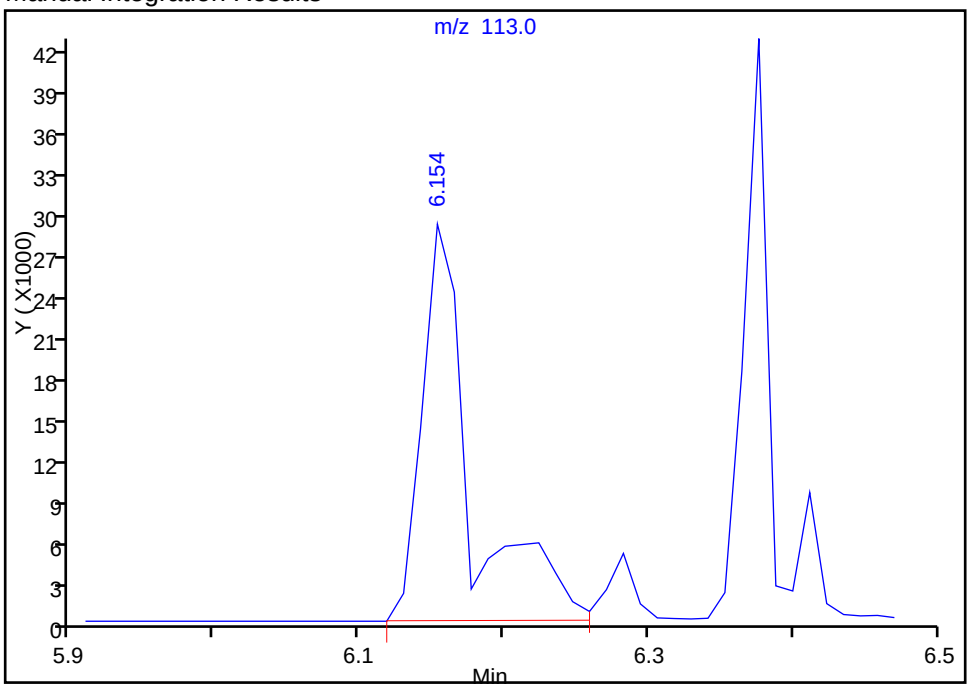
Processing Integration Results

RT: 6.15
Response: 50033
Amount: 35.473775



Manual Integration Results

RT: 6.15
Response: 68454
Amount: 48.534403



Reviewer: croccom, 12-Mar-2014 11:59:03
Audit Action: Manually Integrated
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

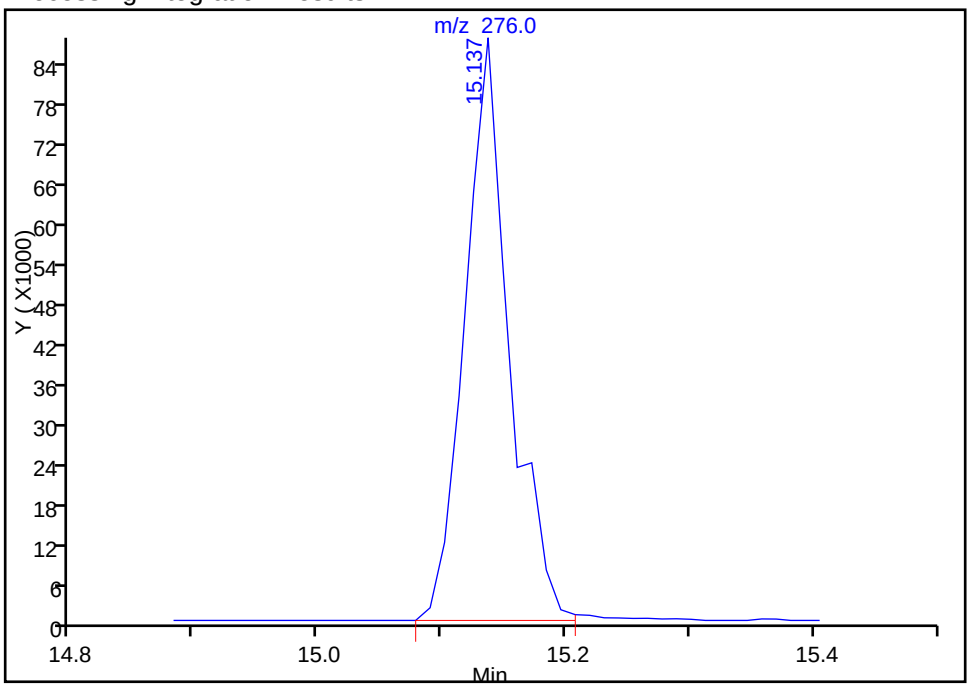
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140311-10686.b\U94409.D
Injection Date: 11-Mar-2014 05:39:30 Instrument ID: CBNAMS4
Lims ID: LCS 460-211603/3-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_4R Limit Group: SV 8270 ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

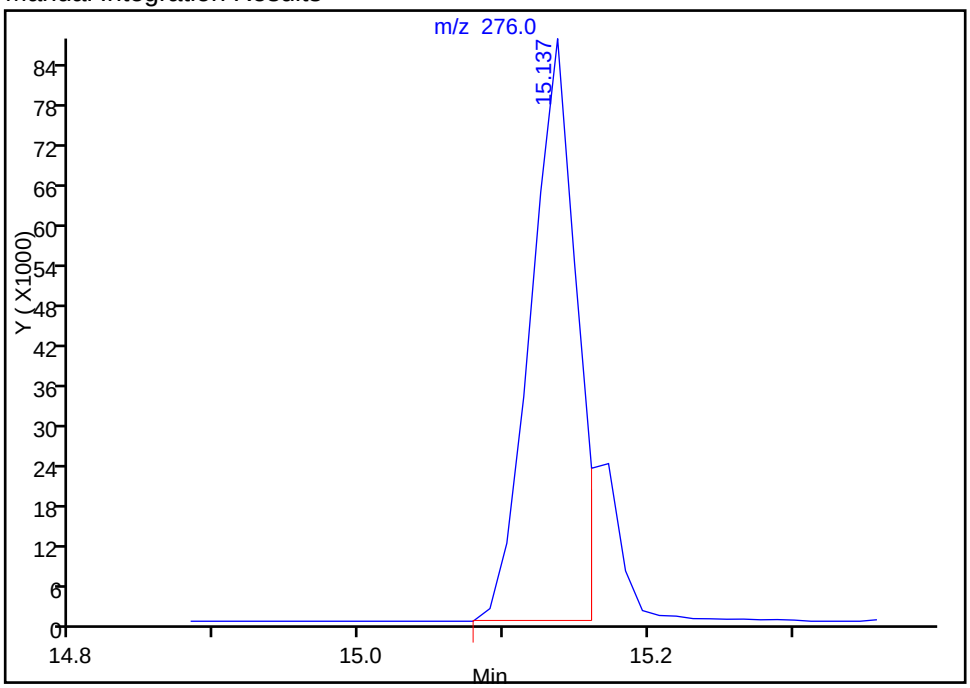
Processing Integration Results

RT: 15.14
Response: 216904
Amount: 39.860852



Manual Integration Results

RT: 15.14
Response: 192517
Amount: 35.985958



Reviewer: croccom, 12-Mar-2014 11:59:03
Audit Action: Manually Integrated
Audit Reason: Shouldering

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-211622/2-A

Matrix: Water | Lab File ID: z8777.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/10/2014 09:35

Sample wt/vol: 1000(mL) | Date Analyzed: 03/13/2014 02:58

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212257 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	20.8		10	0.81
95-57-8	2-Chlorophenol	69.3		10	2.2
95-48-7	2-Methylphenol	55.8		10	1.8
106-44-5	4-Methylphenol	46.2		10	1.6
98-86-2	Acetophenone	84.4		10	2.7
111-44-4	Bis(2-chloroethyl)ether	87.8		1.0	0.28
108-60-1	2,2'-oxybis[1-chloropropane]	89.6		10	2.0
621-64-7	N-Nitrosodi-n-propylamine	90.3		1.0	0.25
98-95-3	Nitrobenzene	83.7		1.0	0.30
67-72-1	Hexachloroethane	86.2		1.0	0.25
78-59-1	Isophorone	89.4		10	2.7
88-75-5	2-Nitrophenol	81.8		10	2.4
105-67-9	2,4-Dimethylphenol	74.4		10	3.4
120-83-2	2,4-Dichlorophenol	80.4		10	2.6
111-91-1	Bis(2-chloroethoxy)methane	88.1		10	2.6
91-20-3	Naphthalene	83.6		10	2.7
106-47-8	4-Chloroaniline	71.5		10	2.0
87-68-3	Hexachlorobutadiene	89.8		2.0	0.57
105-60-2	Caprolactam	14.5		10	2.5
59-50-7	4-Chloro-3-methylphenol	77.5		10	2.5
91-57-6	2-Methylnaphthalene	82.9		10	3.0
118-74-1	Hexachlorobenzene	90.4		1.0	0.29
77-47-4	Hexachlorocyclopentadiene	73.8		10	1.7
88-06-2	2,4,6-Trichlorophenol	86.3		10	2.4
95-95-4	2,4,5-Trichlorophenol	86.1		10	2.6
92-52-4	Diphenyl	81.5		10	2.8
91-58-7	2-Chloronaphthalene	84.2		10	2.7
88-74-4	2-Nitroaniline	94.0		10	4.9
606-20-2	2,6-Dinitrotoluene	98.7		2.0	0.61
131-11-3	Dimethyl phthalate	90.1		10	2.8
208-96-8	Acenaphthylene	85.8		10	2.7
99-09-2	3-Nitroaniline	81.2		10	5.0
83-32-9	Acenaphthene	79.9		10	2.7
100-02-7	4-Nitrophenol	63.2		20	6.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-211622/2-A

Matrix: Water | Lab File ID: z8777.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/10/2014 09:35

Sample wt/vol: 1000(mL) | Date Analyzed: 03/13/2014 02:58

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212257 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	136		20	5.4
132-64-9	Dibenzofuran	85.3		10	2.8
84-66-2	Diethyl phthalate	92.2		10	2.9
86-73-7	Fluorene	82.9		10	2.8
206-44-0	Fluoranthene	86.5		10	3.2
84-74-2	Di-n-butyl phthalate	86.2		10	2.9
121-14-2	2,4-Dinitrotoluene	92.6		2.0	0.47
7005-72-3	4-Chlorophenyl phenyl ether	86.6		10	2.5
100-01-6	4-Nitroaniline	83.0		10	5.8
534-52-1	4,6-Dinitro-2-methylphenol	148		20	4.7
101-55-3	4-Bromophenyl phenyl ether	82.1		10	2.5
1912-24-9	Atrazine	75.6		10	3.0
120-12-7	Anthracene	81.5		10	2.8
86-74-8	Carbazole	83.1		10	3.2
85-01-8	Phenanthrene	79.8		10	3.1
87-86-5	Pentachlorophenol	156		20	5.3
129-00-0	Pyrene	80.0		10	2.9
218-01-9	Chrysene	83.0		10	3.1
207-08-9	Benzo[k]fluoranthene	86.8		1.0	0.26
191-24-2	Benzo[g,h,i]perylene	92.7		10	2.0
205-99-2	Benzo[b]fluoranthene	90.4		1.0	0.26
50-32-8	Benzo[a]pyrene	83.7		1.0	0.14
56-55-3	Benzo[a]anthracene	82.2		1.0	0.27
86-30-6	N-Nitrosodiphenylamine	89.8		10	2.9
85-68-7	Butyl benzyl phthalate	78.7		10	2.5
117-81-7	Bis(2-ethylhexyl) phthalate	75.0		10	2.0
117-84-0	Di-n-octyl phthalate	76.0		10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	89.0		1.0	0.15
53-70-3	Dibenz(a,h)anthracene	88.4		1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	78.9		10	4.9
95-94-3	1,2,4,5-Tetrachlorobenzene	84.4		10	2.6
58-90-2	2,3,4,6-Tetrachlorophenol	89.1		10	2.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-211622/2-A

Matrix: Water | Lab File ID: z8777.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/10/2014 09:35

Sample wt/vol: 1000(mL) | Date Analyzed: 03/13/2014 02:58

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212257 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	96		46-122
4165-62-2	Phenol-d5	20		10-48
367-12-4	2-Fluorophenol	38		10-65
4165-60-0	Nitrobenzene-d5	88		56-112
321-60-8	2-Fluorobiphenyl	82		53-108
1718-51-0	Terphenyl-d14	62		50-122

Report Date: 14-Mar-2014 09:17:11 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8777.D
Lims ID: LCS 460-211622/2-A
Client ID:
Sample Type: LCS
Inject. Date: 13-Mar-2014 02:58:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010789-005
Operator ID: Instrument ID: CBNAMS11

Method: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\8270_11R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 09:17:08 Calib Date: 04-Mar-2014 06:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS11\20140304-10400.b\z8451.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: croccom Date: 13-Mar-2014 09:34:41

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
1 1,4-Dioxane	88	1.191	1.197	-0.006	93	53917	19.8	
2 N-Nitrosodimethylamine	74	1.391	1.403	-0.012	75	72147	18.4	
3 Pyridine	79	1.408	1.420	-0.012	92	91139	13.7	
$ 4 2-Fluorophenol	112	2.479	2.485	-0.006	94	122882	18.9	
8 Aniline	93	3.373	3.373	0.0	99	206981	24.4	
$ 6 Phenol-d5	99	3.402	3.414	-0.012	35	73794	9.93	
7 Phenol	94	3.414	3.426	-0.012	99	84333	10.4	
9 Bis(2-chloroethyl)ether	93	3.438	3.450	-0.012	92	264222	43.9	
124 Benzonitrile	103	3.549	3.508	0.041	19	385	NC	
10 2-Chlorophenol	128	3.502	3.508	-0.006	93	218651	34.6	
11 n-Decane	43	3.555	3.555	0.0	85	273630	44.7	
12 1,3-Dichlorobenzene	146	3.637	3.644	-0.007	92	310220	41.9	
* 13 1,4-Dichlorobenzene-d4	152	3.696	3.697	-0.001	97	203000	40.0	
14 1,4-Dichlorobenzene	146	3.714	3.714	0.0	84	321551	41.6	
16 1,2-Dichlorobenzene	146	3.867	3.867	0.0	92	298054	41.4	
15 Benzyl alcohol	108	3.867	3.873	-0.006	54	101610	29.5	
18 2,2'-oxybis[1-chloropropane]	45	3.990	3.997	-0.007	86	261404	44.8	
17 2-Methylphenol	108	4.020	4.026	-0.006	78	140567	27.9	
125 N-Methylaniline	106	4.120	4.126	-0.006	82	312554	NC	
19 Acetophenone	105	4.126	4.132	-0.006	95	319064	42.2	
20 N-Nitrosodi-n-propylamine	70	4.137	4.144	-0.007	86	163807	45.2	
22 3 & 4 Methylphenol	108	4.185	4.191	-0.007	96	120877	23.1	
21 4-Methylphenol	108	4.185	4.191	-0.007	90	120752	23.1	
24 Hexachloroethane	117	4.208	4.208	0.0	90	119100	43.1	
$ 25 Nitrobenzene-d5	82	4.273	4.273	0.0	90	251265	44.2	
26 Nitrobenzene	77	4.296	4.297	-0.001	87	368379	41.8	
27 n,n'-Dimethylaniline	120	4.296	4.302	-0.006	90	358018	39.1	
28 Isophorone	82	4.537	4.544	-0.007	99	368499	44.7	
29 2-Nitrophenol	139	4.614	4.614	0.0	85	112316	40.9	
30 2,4-Dimethylphenol	122	4.708	4.714	-0.006	89	159174	37.2	
31 Bis(2-chloroethoxy)methane	93	4.773	4.779	-0.006	100	235583	44.1	
32 Benzoic acid	122	4.814	4.873	-0.059	69	6153	8.98	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
33 2,4-Dichlorophenol	162	4.884	4.885	-0.001	94	166148	40.2	
34 1,2,4-Trichlorobenzene	180	4.943	4.944	-0.001	92	230347	45.4	
* 35 Naphthalene-d8	136	4.990	4.991	-0.001	100	647256	40.0	
36 Naphthalene	128	5.014	5.014	0.0	99	664035	41.8	
37 4-Chloroaniline	127	5.090	5.097	-0.006	95	188439	35.8	
38 Hexachlorobutadiene	225	5.155	5.155	0.0	95	142511	44.9	
39 Caprolactam	113	5.443	5.455	-0.012	88	5305	7.24	
40 4-Chloro-3-methylphenol	107	5.626	5.638	-0.012	94	129099	38.8	
41 2-Methylnaphthalene	142	5.708	5.714	-0.006	84	418010	41.4	
42 1-Methylnaphthalene	142	5.808	5.808	0.0	91	380893	42.2	
43 Hexachlorocyclopentadiene	237	5.879	5.879	0.0	89	121318	36.9	
44 1,2,4,5-Tetrachlorobenzene	216	5.884	5.885	-0.001	96	203728	42.2	
45 2-tertbutyl-4-methylphenol	149	5.961	5.967	-0.006	90	310930	49.7	
46 2,4,6-Trichlorophenol	196	6.014	6.020	-0.006	90	110817	43.2	
47 2,4,5-Trichlorophenol	196	6.061	6.067	-0.006	94	108201	43.0	
$ 48 2-Fluorobiphenyl	172	6.090	6.091	-0.001	97	418571	41.1	
49 1,1'-Biphenyl	154	6.184	6.185	-0.001	96	477003	40.7	
50 2-Chloronaphthalene	162	6.190	6.196	-0.006	97	364057	42.1	
53 Phenyl ether	170	6.290	6.291	-0.001	87	275404	46.3	
54 2-Nitroaniline	65	6.314	6.320	-0.006	96	92012	47.0	
55 1,3-Dimethylnaphthalene	156	6.414	6.414	0.0	92	319682	45.9	
57 Coumarin	146	6.508	6.508	0.0	70	105219	53.0	
56 Dimethyl phthalate	163	6.508	6.514	-0.006	96	318413	45.1	
58 2,6-Dinitrotoluene	165	6.561	6.561	0.0	94	74681	49.3	
59 Acenaphthylene	152	6.596	6.602	-0.006	97	496251	42.9	
60 3-Nitroaniline	138	6.726	6.732	-0.006	92	61354	40.6	
* 61 Acenaphthene-d10	164	6.737	6.743	-0.006	92	283871	40.0	
62 Acenaphthene	154	6.773	6.773	0.0	89	303185	40.0	
63 3,5-di-tert-butyl-4-hydroxytol	205	6.790	6.791	-0.001	96	297814	38.0	
64 2,4-Dinitrophenol	184	6.826	6.826	0.0	94	47576	68.2	
66 Dibenzofuran	168	6.943	6.943	0.0	92	439773	42.7	
67 2,4-Dinitrotoluene	165	6.949	6.949	0.0	87	87530	46.3	
65 4-Nitrophenol	65	6.955	6.961	-0.006	88	27665	31.6	
68 2,3,4,6-Tetrachlorophenol	232	7.084	7.085	-0.001	95	77241	44.6	
69 Diethyl phthalate	149	7.202	7.202	0.0	98	293685	46.1	
70 Fluorene	166	7.278	7.279	-0.001	85	327632	41.5	
71 4-Chlorophenyl phenyl ether	204	7.290	7.290	0.0	93	175269	43.3	
72 4-Nitroaniline	138	7.325	7.332	-0.007	80	45275	41.5	
73 4,6-Dinitro-2-methylphenol	198	7.349	7.355	-0.006	77	79357	73.9	
74 N-Nitrosodiphenylamine	169	7.414	7.414	0.0	65	220567	44.9	
75 1,2-Diphenylhydrazine	77	7.443	7.443	0.0	98	336411	41.7	
$ 76 2,4,6-Tribromophenol	330	7.520	7.520	0.0	94	44753	48.1	
77 4-Bromophenyl phenyl ether	248	7.761	7.761	0.0	88	95096	41.0	
78 Hexachlorobenzene	284	7.820	7.820	0.0	96	97896	45.2	
79 Atrazine	200	7.949	7.955	-0.006	92	57245	37.8	
121 Pentachlorophenol	266	8.025	8.032	-0.007	89	94524	78.1	
81 Pentachloronitrobenzene	237	8.031	8.032	-0.001	81	43423	49.8	
82 n-Octadecane	57	8.131	8.132	-0.001	94	191853	40.3	
* 83 Phenanthrene-d10	188	8.184	8.185	-0.001	98	336082	40.0	
84 Phenanthrene	178	8.208	8.214	-0.006	96	359115	39.9	
85 Anthracene	178	8.255	8.261	-0.006	99	365734	40.7	
86 Carbazole	167	8.431	8.432	-0.001	82	260704	41.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
87 Di-n-butyl phthalate	149	8.790	8.796	-0.006	99	337093	43.1	
88 Fluoranthene	202	9.361	9.367	-0.006	98	307190	43.2	
122 Benzidine	184	9.514	9.514	0.0	94	13656	9.60	
90 Pyrene	202	9.578	9.579	-0.001	98	298902	40.0	
$ 91 Terphenyl-d14	244	9.755	9.755	0.0	98	164209	30.9	
92 Butyl benzyl phthalate	149	10.249	10.249	0.0	98	96689	39.4	
93 Carbamazepine	193	10.343	10.343	0.0	90	70656	41.2	
94 3,3'-Dichlorobenzidine	252	10.790	10.790	0.0	82	72355	39.5	
95 Benzo[a]anthracene	228	10.796	10.796	0.0	98	219263	41.1	
* 96 Chrysene-d12	240	10.808	10.808	0.0	99	206114	40.0	
97 Chrysene	228	10.837	10.837	0.0	96	199089	41.5	
98 Bis(2-ethylhexyl) phthalate	149	10.884	10.884	0.0	87	118603	37.5	
99 Di-n-octyl phthalate	149	11.655	11.655	0.0	96	185854	38.0	
100 Benzo[b]fluoranthene	252	12.066	12.067	-0.001	98	193268	45.2	
101 Benzo[k]fluoranthene	252	12.102	12.102	0.0	98	196326	43.4	
102 Benzo[a]pyrene	252	12.472	12.473	0.0	98	169532	41.8	
* 103 Perylene-d12	264	12.543	12.543	0.0	99	153264	40.0	
104 Indeno[1,2,3-cd]pyrene	276	13.902	13.902	0.0	99	159024	44.5	
105 Dibenz(a,h)anthracene	278	13.937	13.937	0.0	98	161889	44.2	
106 Benzo[g,h,i]perylene	276	14.231	14.237	-0.006	94	169186	46.3	

Report Date: 14-Mar-2014 09:17:11 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8777.D

Injection Date: 13-Mar-2014 02:58:30 Instrument ID: CBNAMS11 Operator ID:

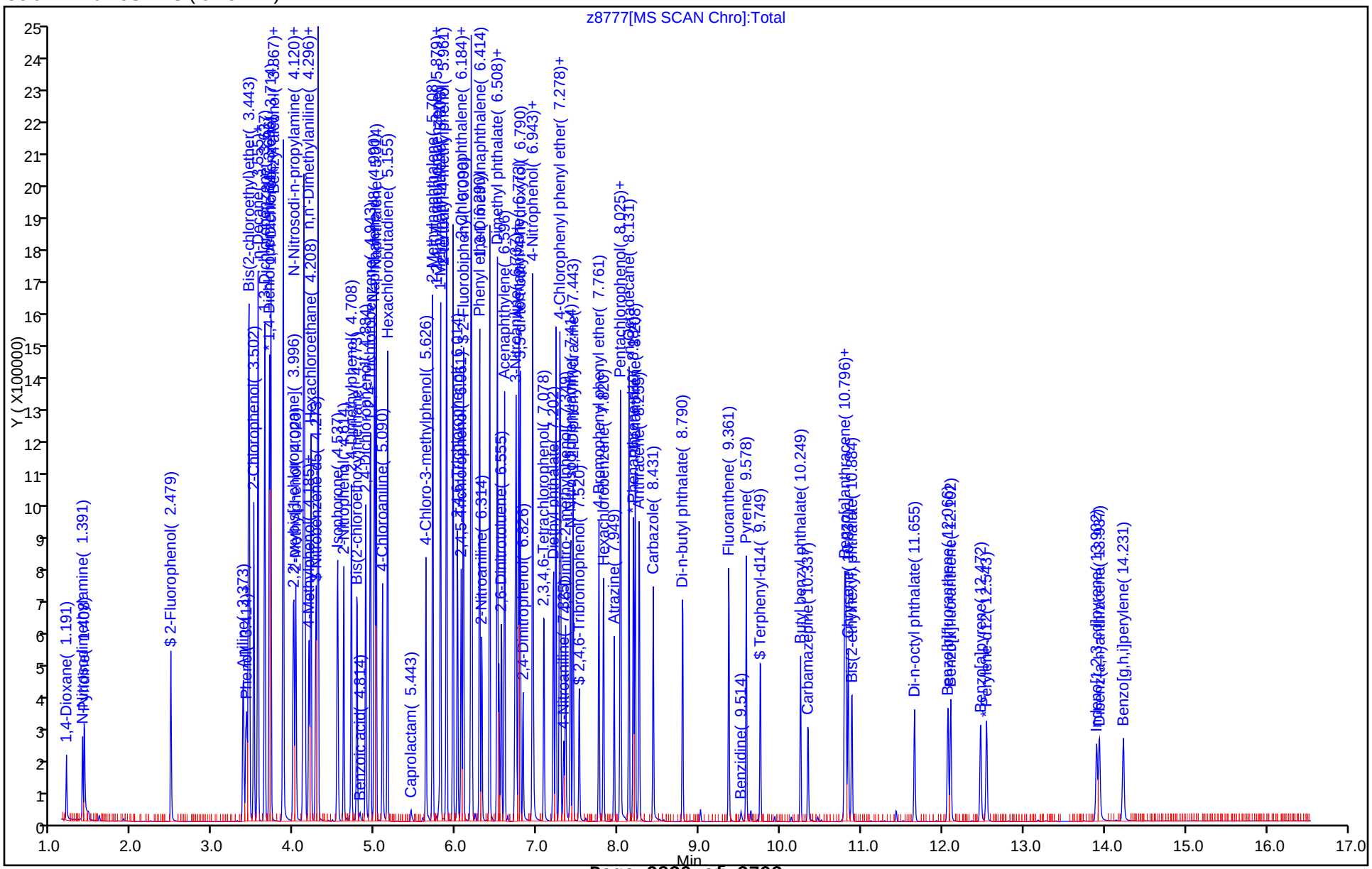
Lims ID: LCS 460-211622/2-A Worklist Smp#: 5

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270_11R Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-211622/4-A

Matrix: Water | Lab File ID: z8779.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/10/2014 09:35

Sample wt/vol: 1000(mL) | Date Analyzed: 03/13/2014 03:44

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212257 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	214		10	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	89		46-122
4165-62-2	Phenol-d5	24		10-48
367-12-4	2-Fluorophenol	41		10-65
4165-60-0	Nitrobenzene-d5	91		56-112
321-60-8	2-Fluorobiphenyl	83		53-108
1718-51-0	Terphenyl-d14	83		50-122

Report Date: 14-Mar-2014 09:17:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8779.D
Lims ID: LCS 460-211622/4-A
Client ID:
Sample Type: LCS
Inject. Date: 13-Mar-2014 03:44:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010789-007
Operator ID: Instrument ID: CBNAMS11

Method: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\8270_11R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 09:17:08 Calib Date: 04-Mar-2014 06:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS11\20140304-10400.b\z8451.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: croccom Date: 13-Mar-2014 09:50:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.485	2.485	0.0	94	180100	20.3	
5 Benzaldehyde	77	3.255	3.249	0.006	95	741125	107.1	
$ 6 Phenol-d5	99	3.396	3.414	-0.018	70	122617	12.1	
* 13 1,4-Dichlorobenzene-d4	152	3.696	3.697	-0.001	97	277261	40.0	
$ 25 Nitrobenzene-d5	82	4.267	4.273	-0.006	90	394808	45.7	
* 35 Naphthalene-d8	136	4.990	4.991	-0.001	99	984267	40.0	
$ 48 2-Fluorobiphenyl	172	6.085	6.091	-0.007	98	685200	41.3	
* 61 Acenaphthene-d10	164	6.737	6.743	-0.006	91	462482	40.0	
$ 76 2,4,6-Tribromophenol	330	7.514	7.520	-0.006	96	67116	44.3	
* 83 Phenanthrene-d10	188	8.184	8.185	-0.001	98	586379	40.0	
$ 91 Terphenyl-d14	244	9.755	9.755	0.0	99	294189	41.4	
* 96 Chrysene-d12	240	10.808	10.808	0.0	99	275693	40.0	
* 103 Perylene-d12	264	12.543	12.543	0.0	99	195170	40.0	

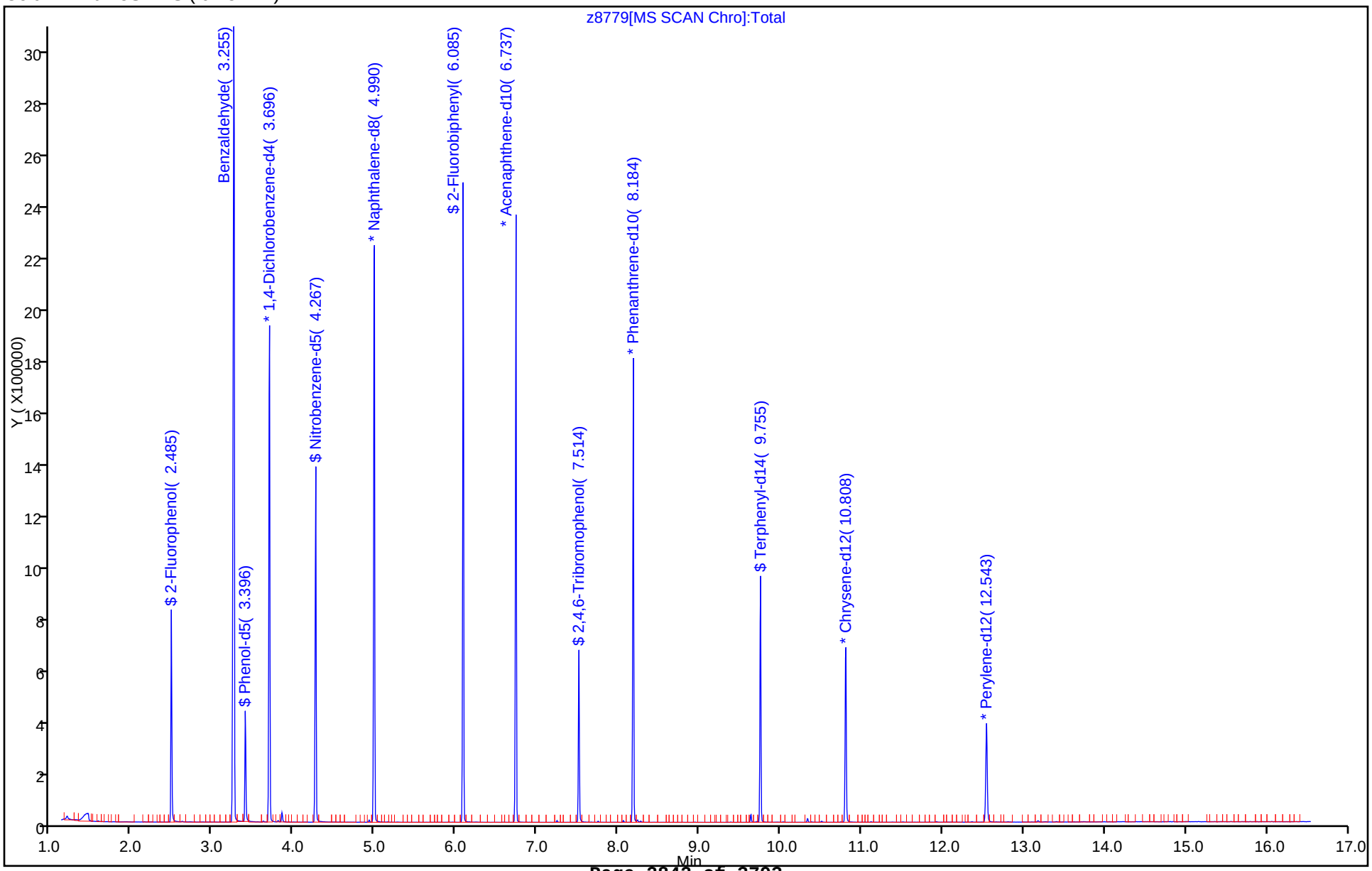
Report Date: 14-Mar-2014 09:17:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8779.D

Injection Date:	13-Mar-2014 03:44:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	LCS 460-211622/4-A			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_11R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-211728/2-A

Matrix: Solid | Lab File ID: L1147862.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/11/2014 17:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2390		330	44
95-57-8	2-Chlorophenol	2460		330	43
95-48-7	2-Methylphenol	2440		330	56
106-44-5	4-Methylphenol	2480		330	65
98-86-2	Acetophenone	2460		330	51
111-44-4	Bis(2-chloroethyl)ether	2610		33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	2570		330	37
621-64-7	N-Nitrosodi-n-propylamine	2660		33	5.5
98-95-3	Nitrobenzene	2760		33	4.7
67-72-1	Hexachloroethane	2560		33	3.7
78-59-1	Isophorone	2650		330	40
88-75-5	2-Nitrophenol	2700		330	37
105-67-9	2,4-Dimethylphenol	2500		330	81
120-83-2	2,4-Dichlorophenol	2590		330	48
111-91-1	Bis(2-chloroethoxy)methane	2650		330	43
91-20-3	Naphthalene	2580		330	38
106-47-8	4-Chloroaniline	1230		330	87
87-68-3	Hexachlorobutadiene	2690		67	8.0
105-60-2	Caprolactam	2280		330	76
59-50-7	4-Chloro-3-methylphenol	2580		330	50
91-57-6	2-Methylnaphthalene	2620		330	42
118-74-1	Hexachlorobenzene	2860		33	4.5
77-47-4	Hexachlorocyclopentadiene	3310		330	39
88-06-2	2,4,6-Trichlorophenol	2710		330	39
95-95-4	2,4,5-Trichlorophenol	2750		330	43
92-52-4	Diphenyl	2750		330	44
91-58-7	2-Chloronaphthalene	2740		330	37
88-74-4	2-Nitroaniline	2700		670	140
606-20-2	2,6-Dinitrotoluene	2740		67	9.9
131-11-3	Dimethyl phthalate	2650		330	39
208-96-8	Acenaphthylene	2730		330	39
99-09-2	3-Nitroaniline	1800		670	120
83-32-9	Acenaphthene	2690		330	48
100-02-7	4-Nitrophenol	4740		1000	210

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-211728/2-A

Matrix: Solid | Lab File ID: L1147862.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/11/2014 17:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	5090		1000	190
132-64-9	Dibenzofuran	2660		330	39
84-66-2	Diethyl phthalate	2560		330	39
86-73-7	Fluorene	2630		330	42
206-44-0	Fluoranthene	2520		330	44
84-74-2	Di-n-butyl phthalate	2610		330	41
121-14-2	2,4-Dinitrotoluene	2660		67	11
7005-72-3	4-Chlorophenyl phenyl ether	2690		330	39
100-01-6	4-Nitroaniline	2470		670	100
534-52-1	4,6-Dinitro-2-methylphenol	5610		1000	90
101-55-3	4-Bromophenyl phenyl ether	2900		330	33
1912-24-9	Atrazine	2200		330	51
120-12-7	Anthracene	2700		330	40
86-74-8	Carbazole	2650		330	39
85-01-8	Phenanthrene	2700		330	42
87-86-5	Pentachlorophenol	5550		1000	98
129-00-0	Pyrene	2980		330	28
218-01-9	Chrysene	2760		330	38
207-08-9	Benzo[k]fluoranthene	2790		33	2.5
191-24-2	Benzo[g,h,i]perylene	2740		330	24
205-99-2	Benzo[b]fluoranthene	2770		33	2.1
50-32-8	Benzo[a]pyrene	2800		33	2.3
56-55-3	Benzo[a]anthracene	2590		33	2.3
86-30-6	N-Nitrosodiphenylamine	2900		330	33
85-68-7	Butyl benzyl phthalate	2760		330	30
117-81-7	Bis(2-ethylhexyl) phthalate	2580		330	110
117-84-0	Di-n-octyl phthalate	2710		330	21
193-39-5	Indeno[1,2,3-cd]pyrene	2820		33	6.1
53-70-3	Dibenz(a,h)anthracene	2870		33	4.2
91-94-1	3,3'-Dichlorobenzidine	1830		670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2790		330	44
58-90-2	2,3,4,6-Tetrachlorophenol	2860		330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-211728/2-A

Matrix: Solid | Lab File ID: L1147862.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.04(g) | Date Analyzed: 03/11/2014 17:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	92		19-114
4165-62-2	Phenol-d5	82		44-104
367-12-4	2-Fluorophenol	80		39-103
4165-60-0	Nitrobenzene-d5	91		40-106
321-60-8	2-Fluorobiphenyl	94		49-112
1718-51-0	Terphenyl-d14	99		41-145

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147862.D
Lims ID: LCS 460-211728/2-A
Client ID:
Sample Type: LCS
Inject. Date: 11-Mar-2014 17:38:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010722-005
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 12-Mar-2014 12:42:05 Calib Date: 05-Mar-2014 23:36:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147714.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: croccom Date: 12-Mar-2014 08:11:48

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.184	1.143	0.041	97	28659	22.3	
	2 N-Nitrosodimethylamine	74	1.384	1.355	0.029	69	62510	37.6	
	3 Pyridine	79	1.413	1.378	0.035	79	87279	30.4	
$	4 2-Fluorophenol	112	2.449	2.431	0.018	92	127286	40.0	
$	6 Phenol-d5	99	3.372	3.366	0.006	87	151962	40.9	
	8 Aniline	93	3.384	3.378	0.006	63	113589	24.2	
	7 Phenol	94	3.384	3.378	0.006	86	147697	35.9	
	9 Bis(2-chloroethyl)ether	93	3.460	3.454	0.006	89	117287	39.3	
	124 Benzonitrile	103	3.466	3.466	0.0	42	267464	NC	
	10 2-Chlorophenol	128	3.507	3.502	0.005	89	132258	37.0	
	11 n-Decane	43	3.572	3.566	0.006	95	173662	32.2	
	12 1,3-Dichlorobenzene	146	3.660	3.654	0.006	96	155272	36.8	
*	13 1,4-Dichlorobenzene-d4	152	3.719	3.713	0.006	95	112679	40.0	
	14 1,4-Dichlorobenzene	146	3.737	3.731	0.006	84	158460	37.1	
	15 Benzyl alcohol	108	3.878	3.872	0.006	88	75114	38.4	
	16 1,2-Dichlorobenzene	146	3.884	3.884	0.0	93	148597	37.4	
	17 2-Methylphenol	108	4.007	4.007	0.0	82	104559	36.7	
	18 2,2'-oxybis[1-chloropropane]	45	4.019	4.019	0.0	91	237569	38.6	
	125 N-Methylaniline	106	4.137	4.131	0.006	89	190630	NC	
	19 Acetophenone	105	4.148	4.143	0.005	92	157231	37.1	
	20 N-Nitrosodi-n-propylamine	70	4.154	4.154	0.0	95	84114	40.0	
	22 3 & 4 Methylphenol	108	4.172	4.172	0.0	53	106488	37.4	
	21 4-Methylphenol	108	4.172	4.172	0.0	58	105006	37.3	
	24 Hexachloroethane	117	4.231	4.231	0.0	91	61784	38.5	
$	25 Nitrobenzene-d5	82	4.295	4.296	-0.001	92	139996	45.3	
	26 Nitrobenzene	77	4.319	4.313	0.006	78	180062	41.6	
	27 n,n'-Dimethylaniline	120	4.319	4.319	0.0	82	220329	43.7	
	28 Isophorone	82	4.566	4.566	0.0	98	194071	39.8	
	29 2-Nitrophenol	139	4.642	4.643	-0.001	90	71832	40.7	
	30 2,4-Dimethylphenol	122	4.713	4.713	0.0	90	100884	37.6	
	31 Bis(2-chloroethoxy)methane	93	4.807	4.807	0.0	97	130425	39.8	
	32 Benzoic acid	122	4.848	4.854	-0.006	66	30073	40.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
33 2,4-Dichlorophenol	162	4.895	4.896	-0.001	94	98613	38.9	
34 1,2,4-Trichlorobenzene	180	4.972	4.972	0.0	90	127535	40.5	
* 35 Naphthalene-d8	136	5.019	5.019	0.0	99	400159	40.0	
36 Naphthalene	128	5.042	5.043	-0.001	98	365054	38.9	
37 4-Chloroaniline	127	5.113	5.119	-0.006	95	66837	18.5	
38 Hexachlorobutadiene	225	5.178	5.178	0.0	93	78061	40.4	
39 Caprolactam	113	5.484	5.472	0.012	86	19762	34.3	
40 4-Chloro-3-methylphenol	107	5.642	5.643	-0.001	91	84296	38.8	
41 2-Methylnaphthalene	142	5.748	5.748	0.0	82	240282	39.3	
42 1-Methylnaphthalene	142	5.842	5.843	-0.001	90	222729	39.5	
43 Hexachlorocyclopentadiene	237	5.913	5.913	0.0	84	48715	49.8	
44 1,2,4,5-Tetrachlorobenzene	216	5.919	5.919	0.0	96	114971	41.9	
45 2-tertbutyl-4-methylphenol	149	5.984	5.984	0.0	89	168610	44.2	
46 2,4,6-Trichlorophenol	196	6.048	6.048	0.0	90	65322	40.8	
47 2,4,5-Trichlorophenol	196	6.089	6.090	-0.001	95	67040	41.3	
$ 48 2-Fluorobiphenyl	172	6.125	6.125	0.0	94	279298	47.0	
49 1,1'-Biphenyl	154	6.225	6.219	0.006	95	278923	41.4	
50 2-Chloronaphthalene	162	6.231	6.231	0.0	96	217024	41.2	
53 Phenyl ether	170	6.331	6.331	0.0	83	156940	45.3	
54 2-Nitroaniline	65	6.354	6.348	0.006	43	54892	40.7	
55 1,3-Dimethylnaphthalene	156	6.454	6.454	0.0	90	191846	45.8	
56 Dimethyl phthalate	163	6.548	6.548	0.0	98	205617	39.8	
57 Coumarin	146	6.554	6.554	0.0	81	75509	44.3	
58 2,6-Dinitrotoluene	165	6.607	6.601	0.006	70	48727	41.1	
59 Acenaphthylene	152	6.642	6.642	0.0	96	317679	41.0	
60 3-Nitroaniline	138	6.766	6.766	0.0	95	34015	27.1	
* 61 Acenaphthene-d10	164	6.784	6.778	0.006	92	182256	40.0	
62 Acenaphthene	154	6.813	6.813	0.0	92	191923	40.5	
63 3,5-di-tert-butyl-4-hydroxytol	205	6.831	6.831	0.0	95	171946	40.4	
64 2,4-Dinitrophenol	184	6.889	6.884	0.005	94	31776	76.6	
65 4-Nitrophenol	65	6.966	6.966	0.0	88	49777	71.2	
66 Dibenzofuran	168	6.989	6.990	-0.001	88	270518	40.0	
67 2,4-Dinitrotoluene	165	7.007	7.007	0.0	76	57541	40.1	
68 2,3,4,6-Tetrachlorophenol	232	7.125	7.125	0.0	93	50574	43.0	
69 Diethyl phthalate	149	7.248	7.248	0.0	97	196250	38.5	
70 Fluorene	166	7.325	7.325	0.0	85	213700	39.5	
71 4-Chlorophenyl phenyl ether	204	7.336	7.337	-0.001	87	104689	40.5	
72 4-Nitroaniline	138	7.372	7.372	0.0	70	38366	37.2	
73 4,6-Dinitro-2-methylphenol	198	7.413	7.413	0.0	83	56691	84.4	
74 N-Nitrosodiphenylamine	169	7.460	7.460	0.0	68	141287	43.6	
75 1,2-Diphenylhydrazine	77	7.495	7.495	0.0	98	196856	43.2	
$ 76 2,4,6-Tribromophenol	330	7.566	7.566	0.0	92	40352	46.1	
77 4-Bromophenyl phenyl ether	248	7.813	7.813	0.0	89	60860	43.6	
78 Hexachlorobenzene	284	7.872	7.872	0.0	93	68910	43.0	
79 Atrazine	200	8.001	8.001	0.0	88	36823	33.1	
121 Pentachlorophenol	266	8.072	8.078	-0.006	85	60542	83.5	
81 Pentachloronitrobenzene	237	8.083	8.084	-0.001	86	28119	47.4	
82 n-Octadecane	57	8.189	8.189	0.0	95	158963	44.3	
* 83 Phenanthrene-d10	188	8.242	8.242	0.0	98	247163	40.0	
84 Phenanthrene	178	8.266	8.266	0.0	96	262342	40.6	
85 Anthracene	178	8.319	8.319	0.0	98	267865	40.7	
86 Carbazole	167	8.483	8.484	-0.001	82	213172	39.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
87 Di-n-butyl phthalate	149	8.854	8.854	0.0	99	281103	39.3	
88 Fluoranthene	202	9.430	9.431	-0.001	98	232456	37.9	
122 Benzidine	184	9.577	9.578	-0.001	77	11032	4.87	
90 Pyrene	202	9.648	9.648	0.0	97	230900	44.8	
$ 91 Terphenyl-d14	244	9.819	9.825	-0.006	98	188372	49.6	
92 Butyl benzyl phthalate	149	10.324	10.325	-0.001	95	94281	41.4	
93 Carbamazepine	193	10.419	10.419	0.0	90	102556	53.3	
94 3,3'-Dichlorobenzidine	252	10.877	10.883	-0.006	99	47707	27.5	
95 Benzo[a]anthracene	228	10.895	10.895	0.0	99	186947	39.0	
* 96 Chrysene-d12	240	10.907	10.907	0.0	98	178623	40.0	
97 Chrysene	228	10.936	10.936	0.0	95	176328	41.5	
98 Bis(2-ethylhexyl) phthalate	149	10.977	10.983	-0.006	85	125350	38.8	
99 Di-n-octyl phthalate	149	11.777	11.783	-0.006	93	210697	40.7	
100 Benzo[b]fluoranthene	252	12.207	12.213	-0.006	98	182578	41.7	
101 Benzo[k]fluoranthene	252	12.242	12.248	-0.006	99	196359	42.0	
102 Benzo[a]pyrene	252	12.624	12.630	-0.006	96	179606	42.2	
* 103 Perylene-d12	264	12.695	12.695	0.0	98	181170	40.0	
104 Indeno[1,2,3-cd]pyrene	276	14.101	14.107	-0.006	98	215905	42.4	M
105 Dibenz(a,h)anthracene	278	14.130	14.130	0.0	94	210472	43.2	
106 Benzo[g,h,i]perylene	276	14.436	14.442	-0.006	92	212506	41.2	

QC Flag Legend

Review Flags
M - Manually Integrated

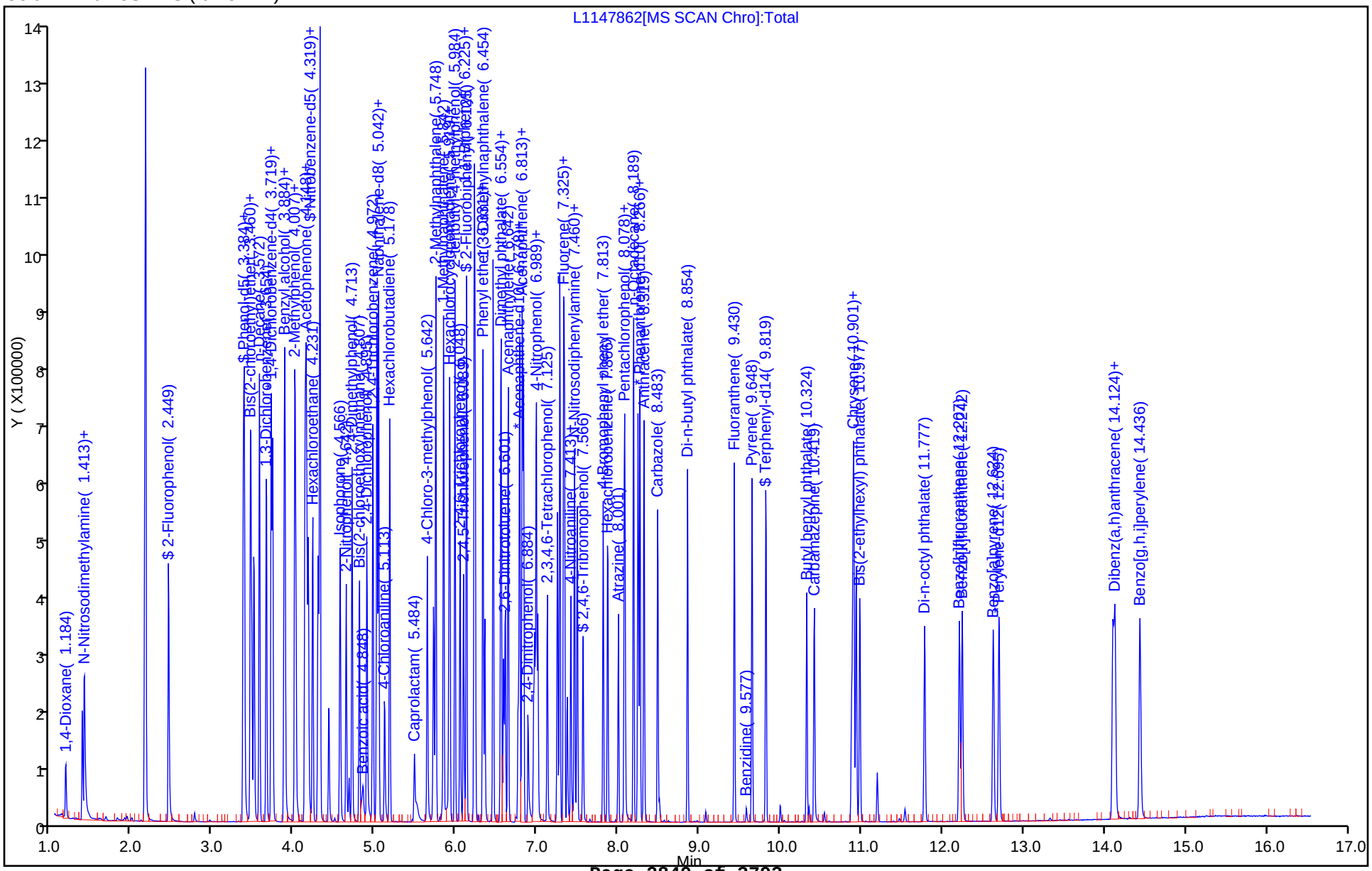
Report Date: 12-Mar-2014 12:43:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147862.D

Injection Date:	11-Mar-2014 17:38:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	LCS 460-211728/2-A			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270_12R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

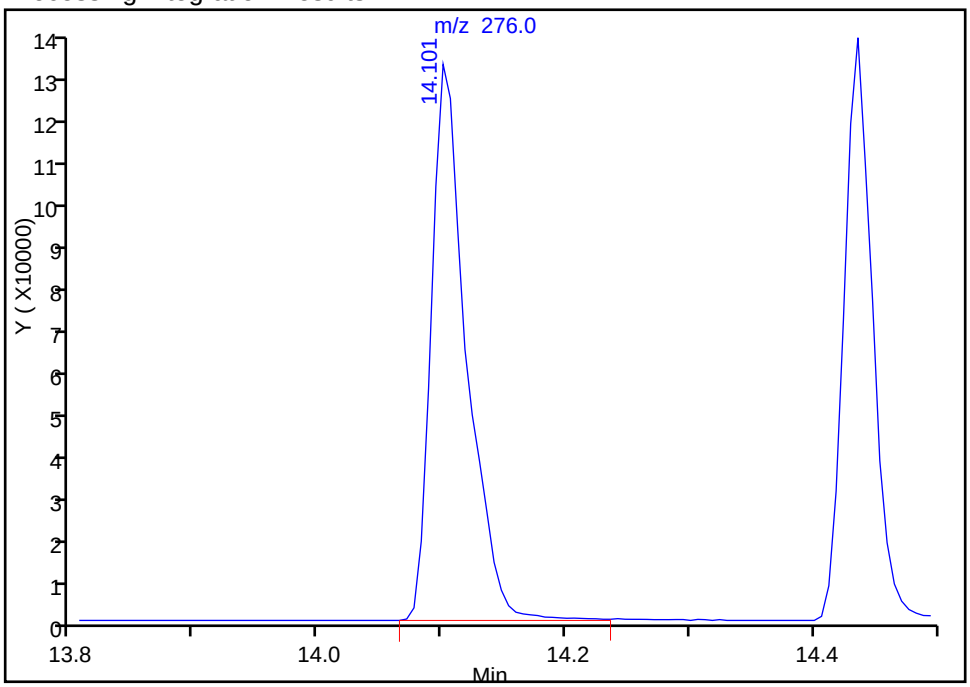
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147862.D
Injection Date: 11-Mar-2014 17:38:30 Instrument ID: CBNAMS12
Lims ID: LCS 460-211728/2-A
Client ID:
Operator ID: BNA 12 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270 ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

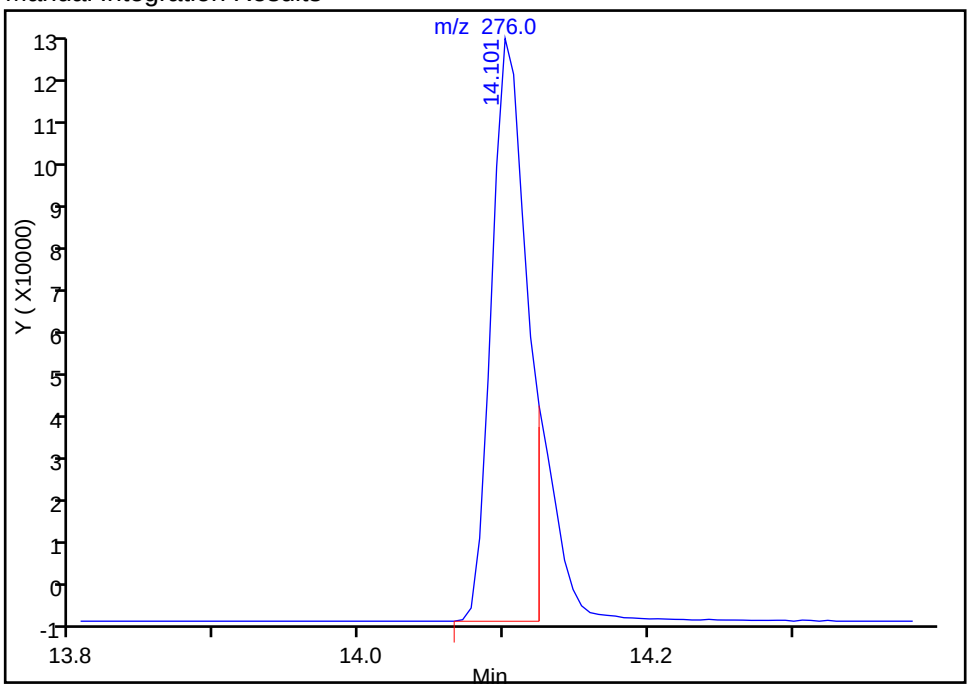
Processing Integration Results

RT: 14.10
Response: 249258
Amount: 48.941629



Manual Integration Results

RT: 14.10
Response: 215905
Amount: 42.392791



Reviewer: croccom, 12-Mar-2014 08:11:48
Audit Action: Manually Integrated
Audit Reason: Shouldering

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-211728/3-A

Matrix: Solid | Lab File ID: L1147863.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 18:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	5340		330	39

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	85		19-114
4165-62-2	Phenol-d5	88		44-104
367-12-4	2-Fluorophenol	85		39-103
4165-60-0	Nitrobenzene-d5	96		40-106
321-60-8	2-Fluorobiphenyl	96		49-112
1718-51-0	Terphenyl-d14	111		41-145

Report Date: 12-Mar-2014 12:43:18 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147863.D
Lims ID: LCS 460-211728/3-A
Client ID:
Sample Type: LCS
Inject. Date: 11-Mar-2014 18:02:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010722-006
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\8270_12R.m
Limit Group: SV 8270 ICAL
Last Update: 12-Mar-2014 12:42:05 Calib Date: 05-Mar-2014 23:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147714.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: croccom Date: 12-Mar-2014 08:12:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.454	2.431	0.023	94	148547	42.7	
5 Benzaldehyde	77	3.272	3.266	0.006	88	222383	80.3	
$ 6 Phenol-d5	99	3.366	3.366	0.0	68	178276	43.9	
* 13 1,4-Dichlorobenzene-d4	152	3.713	3.713	0.0	96	123192	40.0	
$ 25 Nitrobenzene-d5	82	4.290	4.296	-0.006	92	169898	47.8	
* 35 Naphthalene-d8	136	5.019	5.019	0.0	99	460814	40.0	
$ 48 2-Fluorobiphenyl	172	6.125	6.125	0.0	98	333515	48.1	
* 61 Acenaphthene-d10	164	6.778	6.778	0.0	93	212502	40.0	
$ 76 2,4,6-Tribromophenol	330	7.560	7.566	-0.006	93	43372	42.5	
* 83 Phenanthrene-d10	188	8.242	8.242	0.0	98	284723	40.0	
$ 91 Terphenyl-d14	244	9.819	9.825	-0.006	99	205353	55.3	
* 96 Chrysene-d12	240	10.901	10.907	-0.006	99	174562	40.0	
* 103 Perylene-d12	264	12.695	12.695	0.0	98	152267	40.0	

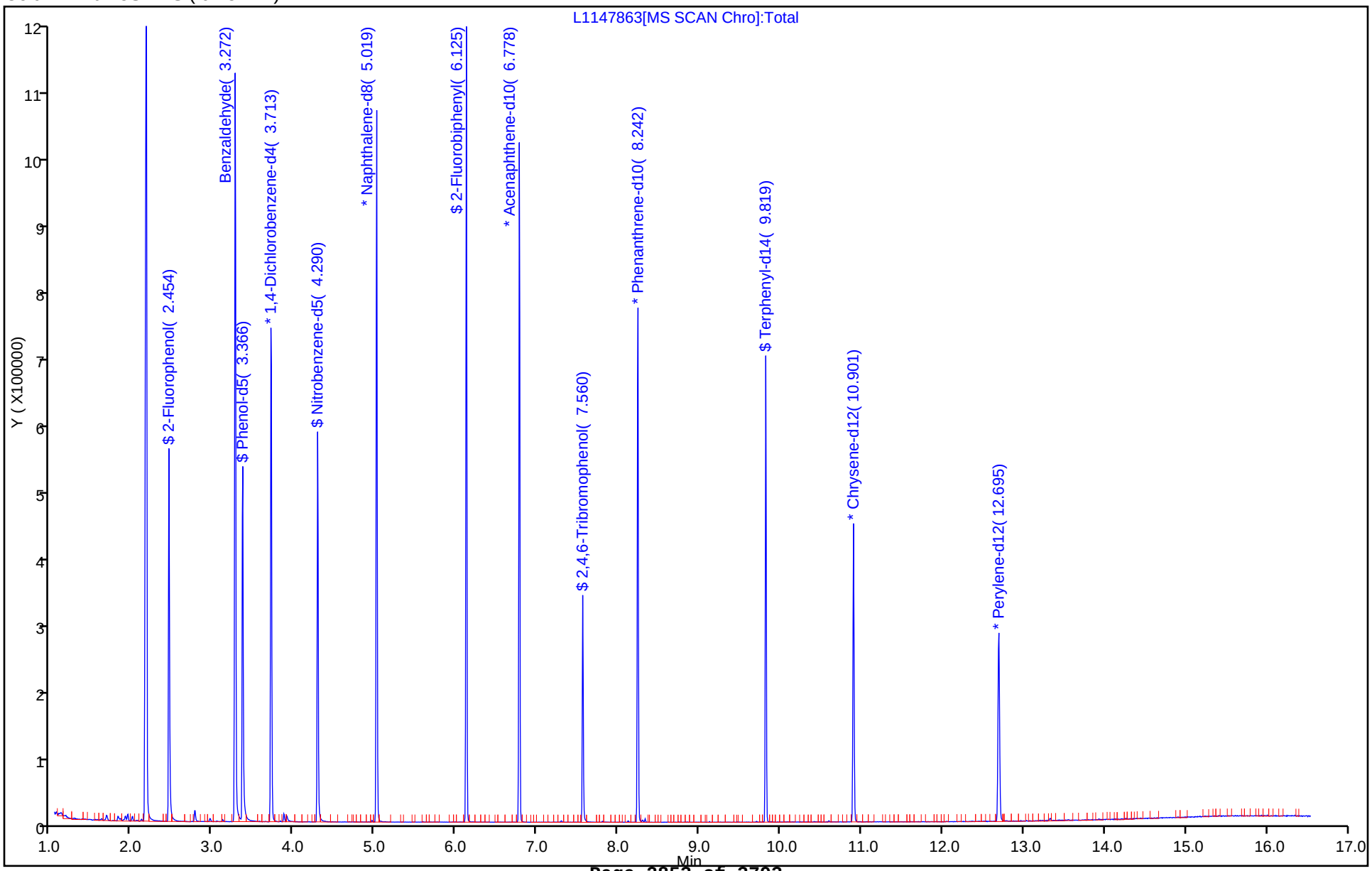
Report Date: 12-Mar-2014 12:43:18 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140311-10722.b\L1147863.D

Injection Date:	11-Mar-2014 18:02:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	LCS 460-211728/3-A			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_12R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-211622/3-A

Matrix: Water | Lab File ID: z8778.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/10/2014 09:35

Sample wt/vol: 1000(mL) | Date Analyzed: 03/13/2014 03:21

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212257 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	20.7		10	0.81
95-57-8	2-Chlorophenol	66.1		10	2.2
95-48-7	2-Methylphenol	53.8		10	1.8
106-44-5	4-Methylphenol	43.6		10	1.6
98-86-2	Acetophenone	80.4		10	2.7
111-44-4	Bis(2-chloroethyl)ether	81.8		1.0	0.28
108-60-1	2,2'-oxybis[1-chloropropane]	85.0		10	2.0
621-64-7	N-Nitrosodi-n-propylamine	86.1		1.0	0.25
98-95-3	Nitrobenzene	80.6		1.0	0.30
67-72-1	Hexachloroethane	82.7		1.0	0.25
78-59-1	Isophorone	82.8		10	2.7
88-75-5	2-Nitrophenol	77.0		10	2.4
105-67-9	2,4-Dimethylphenol	68.9		10	3.4
120-83-2	2,4-Dichlorophenol	74.6		10	2.6
111-91-1	Bis(2-chloroethoxy)methane	81.8		10	2.6
91-20-3	Naphthalene	78.0		10	2.7
106-47-8	4-Chloroaniline	67.8		10	2.0
87-68-3	Hexachlorobutadiene	83.7		2.0	0.57
105-60-2	Caprolactam	14.5		10	2.5
59-50-7	4-Chloro-3-methylphenol	74.1		10	2.5
91-57-6	2-Methylnaphthalene	77.9		10	3.0
118-74-1	Hexachlorobenzene	84.6		1.0	0.29
77-47-4	Hexachlorocyclopentadiene	72.6		10	1.7
88-06-2	2,4,6-Trichlorophenol	80.7		10	2.4
95-95-4	2,4,5-Trichlorophenol	84.0		10	2.6
92-52-4	Diphenyl	77.6		10	2.8
91-58-7	2-Chloronaphthalene	80.4		10	2.7
88-74-4	2-Nitroaniline	88.1		10	4.9
606-20-2	2,6-Dinitrotoluene	94.1		2.0	0.61
131-11-3	Dimethyl phthalate	88.6		10	2.8
208-96-8	Acenaphthylene	81.2		10	2.7
99-09-2	3-Nitroaniline	83.7		10	5.0
83-32-9	Acenaphthene	74.5		10	2.7
100-02-7	4-Nitrophenol	62.3		20	6.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-211622/3-A

Matrix: Water | Lab File ID: z8778.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/10/2014 09:35

Sample wt/vol: 1000(mL) | Date Analyzed: 03/13/2014 03:21

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212257 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	152		20	5.4
132-64-9	Dibenzofuran	81.3		10	2.8
84-66-2	Diethyl phthalate	89.5		10	2.9
86-73-7	Fluorene	79.8		10	2.8
206-44-0	Fluoranthene	84.8		10	3.2
84-74-2	Di-n-butyl phthalate	83.7		10	2.9
121-14-2	2,4-Dinitrotoluene	91.6		2.0	0.47
7005-72-3	4-Chlorophenyl phenyl ether	82.4		10	2.5
100-01-6	4-Nitroaniline	87.0		10	5.8
534-52-1	4,6-Dinitro-2-methylphenol	154		20	4.7
101-55-3	4-Bromophenyl phenyl ether	74.9		10	2.5
1912-24-9	Atrazine	74.0		10	3.0
120-12-7	Anthracene	76.0		10	2.8
86-74-8	Carbazole	81.5		10	3.2
85-01-8	Phenanthrene	76.8		10	3.1
87-86-5	Pentachlorophenol	152		20	5.3
129-00-0	Pyrene	73.4		10	2.9
218-01-9	Chrysene	77.5		10	3.1
207-08-9	Benzo[k]fluoranthene	82.0		1.0	0.26
191-24-2	Benzo[g,h,i]perylene	81.6		10	2.0
205-99-2	Benzo[b]fluoranthene	84.3		1.0	0.26
50-32-8	Benzo[a]pyrene	79.6		1.0	0.14
56-55-3	Benzo[a]anthracene	80.0		1.0	0.27
86-30-6	N-Nitrosodiphenylamine	83.6		10	2.9
85-68-7	Butyl benzyl phthalate	78.1		10	2.5
117-81-7	Bis(2-ethylhexyl) phthalate	72.0		10	2.0
117-84-0	Di-n-octyl phthalate	72.9		10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	81.2		1.0	0.15
53-70-3	Dibenz(a,h)anthracene	83.7		1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	76.3		10	4.9
95-94-3	1,2,4,5-Tetrachlorobenzene	80.1		10	2.6
58-90-2	2,3,4,6-Tetrachlorophenol	88.6		10	2.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-211622/3-A

Matrix: Water | Lab File ID: z8778.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/10/2014 09:35

Sample wt/vol: 1000(mL) | Date Analyzed: 03/13/2014 03:21

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212257 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	93		46-122
4165-62-2	Phenol-d5	20		10-48
367-12-4	2-Fluorophenol	36		10-65
4165-60-0	Nitrobenzene-d5	84		56-112
321-60-8	2-Fluorobiphenyl	77		53-108
1718-51-0	Terphenyl-d14	56		50-122

Report Date: 14-Mar-2014 09:17:12 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8778.D
Lims ID: LCSD 460-211622/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 13-Mar-2014 03:21:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010789-006
Operator ID: Instrument ID: CBNAMS11

Method: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\8270_11R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 09:17:08 Calib Date: 04-Mar-2014 06:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS11\20140304-10400.b\z8451.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: croccom Date: 13-Mar-2014 09:49:45

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.214	1.197	0.017	94	65734	19.5	
	2 N-Nitrosodimethylamine	74	1.408	1.403	0.005	77	85547	17.6	
	3 Pyridine	79	1.432	1.420	0.012	94	112017	13.6	
$	4 2-Fluorophenol	112	2.485	2.485	0.0	94	145222	18.1	
	8 Aniline	93	3.373	3.373	0.0	99	247166	23.6	
$	6 Phenol-d5	99	3.408	3.414	-0.006	34	90076	9.80	
	7 Phenol	94	3.420	3.426	-0.006	99	103797	10.3	
	9 Bis(2-chloroethyl)ether	93	3.444	3.450	-0.006	93	304686	40.9	
	124 Benzonitrile	103	3.450	3.508	-0.058	27	634751	NC	
	10 2-Chlorophenol	128	3.508	3.508	0.0	95	257947	33.1	
	11 n-Decane	43	3.555	3.555	0.0	86	325179	43.0	
	12 1,3-Dichlorobenzene	146	3.638	3.644	-0.006	93	368309	40.2	
*	13 1,4-Dichlorobenzene-d4	152	3.697	3.697	0.0	97	251045	40.0	
	14 1,4-Dichlorobenzene	146	3.714	3.714	0.0	90	373971	39.1	
	16 1,2-Dichlorobenzene	146	3.867	3.867	0.0	92	353110	39.6	
	15 Benzyl alcohol	108	3.867	3.873	-0.006	55	121293	28.5	
	18 2,2'-oxybis[1-chloropropane]	45	3.997	3.997	0.0	86	306513	42.5	
	17 2-Methylphenol	108	4.026	4.026	0.0	80	167536	26.9	
	125 N-Methylaniline	106	4.120	4.126	-0.006	90	373135	NC	
	19 Acetophenone	105	4.126	4.132	-0.006	97	376121	40.2	
	20 N-Nitrosodi-n-propylamine	70	4.138	4.144	-0.006	89	193080	43.0	
	22 3 & 4 Methylphenol	108	4.185	4.191	-0.006	95	142625	22.0	
	21 4-Methylphenol	108	4.185	4.191	-0.006	91	140929	21.8	
	24 Hexachloroethane	117	4.208	4.208	0.0	90	141362	41.3	
$	25 Nitrobenzene-d5	82	4.273	4.273	0.0	89	295485	41.8	
	26 Nitrobenzene	77	4.297	4.297	0.0	87	440894	40.3	
	27 n,n'-Dimethylaniline	120	4.297	4.302	-0.005	86	431716	38.2	
	28 Isophorone	82	4.538	4.544	-0.006	98	423850	41.4	
	29 2-Nitrophenol	139	4.614	4.614	0.0	84	131332	38.5	
	30 2,4-Dimethylphenol	122	4.708	4.714	-0.006	88	183186	34.5	
	31 Bis(2-chloroethoxy)methane	93	4.779	4.779	0.0	100	271726	40.9	
	32 Benzoic acid	122	4.814	4.873	-0.059	76	8510	9.38	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
33 2,4-Dichlorophenol	162	4.885	4.885	0.0	93	191586	37.3	
34 1,2,4-Trichlorobenzene	180	4.944	4.944	0.0	92	270551	42.9	
* 35 Naphthalene-d8	136	4.991	4.991	0.0	100	804454	40.0	
36 Naphthalene	128	5.014	5.014	0.0	99	769941	39.0	
37 4-Chloroaniline	127	5.091	5.097	-0.005	95	221963	33.9	
38 Hexachlorobutadiene	225	5.155	5.155	0.0	95	165075	41.9	
39 Caprolactam	113	5.449	5.455	-0.006	89	6595	7.24	
40 4-Chloro-3-methylphenol	107	5.626	5.638	-0.012	93	153290	37.0	
41 2-Methylnaphthalene	142	5.708	5.714	-0.006	85	488528	39.0	
42 1-Methylnaphthalene	142	5.808	5.808	0.0	90	440914	39.3	
43 Hexachlorocyclopentadiene	237	5.879	5.879	0.0	87	143683	36.3	
44 1,2,4,5-Tetrachlorobenzene	216	5.885	5.885	0.0	96	233196	40.1	
45 2-tertbutyl-4-methylphenol	149	5.961	5.967	-0.006	90	352749	45.3	
46 2,4,6-Trichlorophenol	196	6.014	6.020	-0.006	89	124915	40.3	
47 2,4,5-Trichlorophenol	196	6.061	6.067	-0.006	94	127280	42.0	
$ 48 2-Fluorobiphenyl	172	6.091	6.091	0.0	97	475338	38.7	
49 1,1'-Biphenyl	154	6.185	6.185	0.0	95	547973	38.8	
50 2-Chloronaphthalene	162	6.196	6.196	0.0	98	419078	40.2	
53 Phenyl ether	170	6.291	6.291	0.0	87	310053	43.2	
54 2-Nitroaniline	65	6.314	6.320	-0.006	95	104074	44.1	
55 1,3-Dimethylnaphthalene	156	6.414	6.414	0.0	93	364569	43.4	
57 Coumarin	146	6.508	6.508	0.0	76	130374	52.8	
56 Dimethyl phthalate	163	6.514	6.514	0.0	98	377351	44.3	
58 2,6-Dinitrotoluene	165	6.561	6.561	0.0	94	85859	47.0	
59 Acenaphthylene	152	6.596	6.602	-0.006	97	566380	40.6	
60 3-Nitroaniline	138	6.726	6.732	-0.006	92	76241	41.9	
* 61 Acenaphthene-d10	164	6.743	6.743	0.0	91	342327	40.0	
62 Acenaphthene	154	6.773	6.773	0.0	89	340865	37.3	
63 3,5-di-tert-butyl-4-hydroxytol	205	6.791	6.791	-0.001	96	338973	35.9	
64 2,4-Dinitrophenol	184	6.826	6.826	0.0	95	65901	76.2	
66 Dibenzofuran	168	6.943	6.943	0.0	91	505185	40.6	
67 2,4-Dinitrotoluene	165	6.949	6.949	0.0	87	104402	45.8	
65 4-Nitrophenol	65	6.955	6.961	-0.006	84	32692	31.1	
68 2,3,4,6-Tetrachlorophenol	232	7.085	7.085	0.0	95	92624	44.3	
69 Diethyl phthalate	149	7.202	7.202	0.0	98	343672	44.7	
70 Fluorene	166	7.279	7.279	0.0	86	379991	39.9	
71 4-Chlorophenyl phenyl ether	204	7.290	7.290	0.0	91	201156	41.2	
72 4-Nitroaniline	138	7.332	7.332	0.0	67	57376	43.5	
73 4,6-Dinitro-2-methylphenol	198	7.355	7.355	0.0	83	104692	77.1	
74 N-Nitrosodiphenylamine	169	7.414	7.414	0.0	66	258774	41.8	
75 1,2-Diphenylhydrazine	77	7.443	7.443	0.0	98	393381	38.7	
$ 76 2,4,6-Tribromophenol	330	7.520	7.520	0.0	95	52308	46.7	
77 4-Bromophenyl phenyl ether	248	7.761	7.761	0.0	88	109362	37.4	
78 Hexachlorobenzene	284	7.820	7.820	0.0	96	115524	42.3	
79 Atrazine	200	7.955	7.955	0.0	95	70606	37.0	
121 Pentachlorophenol	266	8.026	8.032	-0.006	88	115843	76.1	
81 Pentachloronitrobenzene	237	8.032	8.032	0.0	83	51288	46.6	
82 n-Octadecane	57	8.132	8.132	0.0	93	218728	36.5	
* 83 Phenanthrene-d10	188	8.190	8.185	0.005	98	423587	40.0	
84 Phenanthrene	178	8.208	8.214	-0.006	97	435924	38.4	
85 Anthracene	178	8.261	8.261	0.0	99	429914	38.0	
86 Carbazole	167	8.432	8.432	0.0	83	322445	40.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
87 Di-n-butyl phthalate	149	8.790	8.796	-0.006	99	412397	41.8	
88 Fluoranthene	202	9.361	9.367	-0.006	98	379766	42.4	
122 Benzidine	184	9.514	9.514	0.0	96	21122	11.7	
90 Pyrene	202	9.579	9.579	0.0	98	361998	36.7	
$ 91 Terphenyl-d14	244	9.749	9.755	-0.006	98	194520	27.8	
92 Butyl benzyl phthalate	149	10.249	10.249	0.0	98	126480	39.0	
93 Carbamazepine	193	10.343	10.343	0.0	89	95688	42.2	
94 3,3'-Dichlorobenzidine	252	10.790	10.790	0.0	89	92089	38.2	
95 Benzo[a]anthracene	228	10.796	10.796	0.0	98	281592	40.0	
* 96 Chrysene-d12	240	10.808	10.808	0.0	99	271727	40.0	
97 Chrysene	228	10.837	10.837	0.0	97	244921	38.7	
98 Bis(2-ethylhexyl) phthalate	149	10.884	10.884	0.0	88	150171	36.0	
99 Di-n-octyl phthalate	149	11.655	11.655	0.0	97	232938	36.4	
100 Benzo[b]fluoranthene	252	12.067	12.067	0.0	98	235555	42.2	
101 Benzo[k]fluoranthene	252	12.102	12.102	0.0	98	242352	41.0	
102 Benzo[a]pyrene	252	12.472	12.473	0.0	97	210512	39.8	
* 103 Perylene-d12	264	12.543	12.543	0.0	99	200255	40.0	
104 Indeno[1,2,3-cd]pyrene	276	13.902	13.902	0.0	98	189409	40.6	
105 Dibenz(a,h)anthracene	278	13.937	13.937	0.0	98	200337	41.9	
106 Benzo[g,h,i]perylene	276	14.231	14.237	-0.006	94	194570	40.8	

Report Date: 14-Mar-2014 09:17:12 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8778.D

Injection Date: 13-Mar-2014 03:21:30 Instrument ID: CBNAMS11 Operator ID:

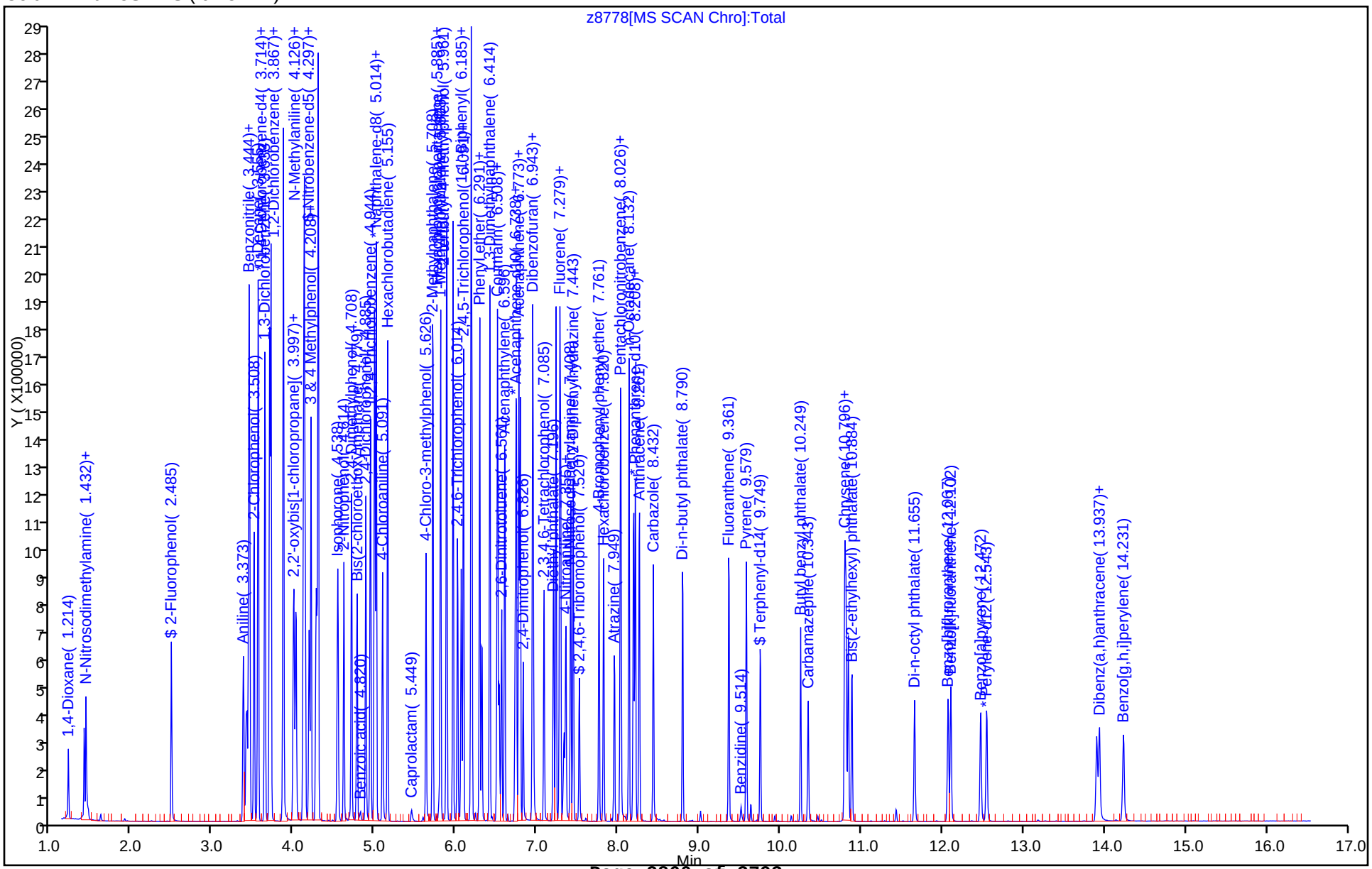
Lims ID: LCSD 460-211622/3-A Worklist Smp#: 6

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270_11R Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-211622/5-A

Matrix: Water Lab File ID: z8780.D

Analysis Method: 8270C Date Collected:

Extract. Method: 3510C Date Extracted: 03/10/2014 09:35

Sample wt/vol: 1000(mL) Date Analyzed: 03/13/2014 04:07

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 212257 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	210		10	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	84		46-122
4165-62-2	Phenol-d5	24		10-48
367-12-4	2-Fluorophenol	40		10-65
4165-60-0	Nitrobenzene-d5	87		56-112
321-60-8	2-Fluorobiphenyl	81		53-108
1718-51-0	Terphenyl-d14	80		50-122

Report Date: 14-Mar-2014 09:17:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8780.D
Lims ID: LCSD 460-211622/5-A
Client ID:
Sample Type: LCSD
Inject. Date: 13-Mar-2014 04:07:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010789-008
Operator ID: Instrument ID: CBNAMS11

Method: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\8270_11R.m
Limit Group: SV 8270 ICAL
Last Update: 14-Mar-2014 09:17:08 Calib Date: 04-Mar-2014 06:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS11\20140304-10400.b\z8451.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: croccom Date: 13-Mar-2014 09:51:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.485	2.485	0.0	95	186827	19.9	
5 Benzaldehyde	77	3.255	3.249	0.006	95	769474	105.2	
$ 6 Phenol-d5	99	3.396	3.414	-0.018	73	126564	11.8	
* 13 1,4-Dichlorobenzene-d4	152	3.696	3.697	-0.001	97	293071	40.0	
$ 25 Nitrobenzene-d5	82	4.267	4.273	-0.006	90	399974	43.5	
* 35 Naphthalene-d8	136	4.990	4.991	-0.001	99	1046525	40.0	
$ 48 2-Fluorobiphenyl	172	6.085	6.091	-0.007	98	696093	40.4	
* 61 Acenaphthene-d10	164	6.737	6.743	-0.006	92	480134	40.0	
$ 76 2,4,6-Tribromophenol	330	7.514	7.520	-0.006	95	65989	42.0	
* 83 Phenanthrene-d10	188	8.184	8.185	-0.001	98	592264	40.0	
$ 91 Terphenyl-d14	244	9.755	9.755	0.0	98	288146	40.0	
* 96 Chrysene-d12	240	10.808	10.808	0.0	99	279475	40.0	
* 103 Perylene-d12	264	12.543	12.543	0.0	99	198053	40.0	

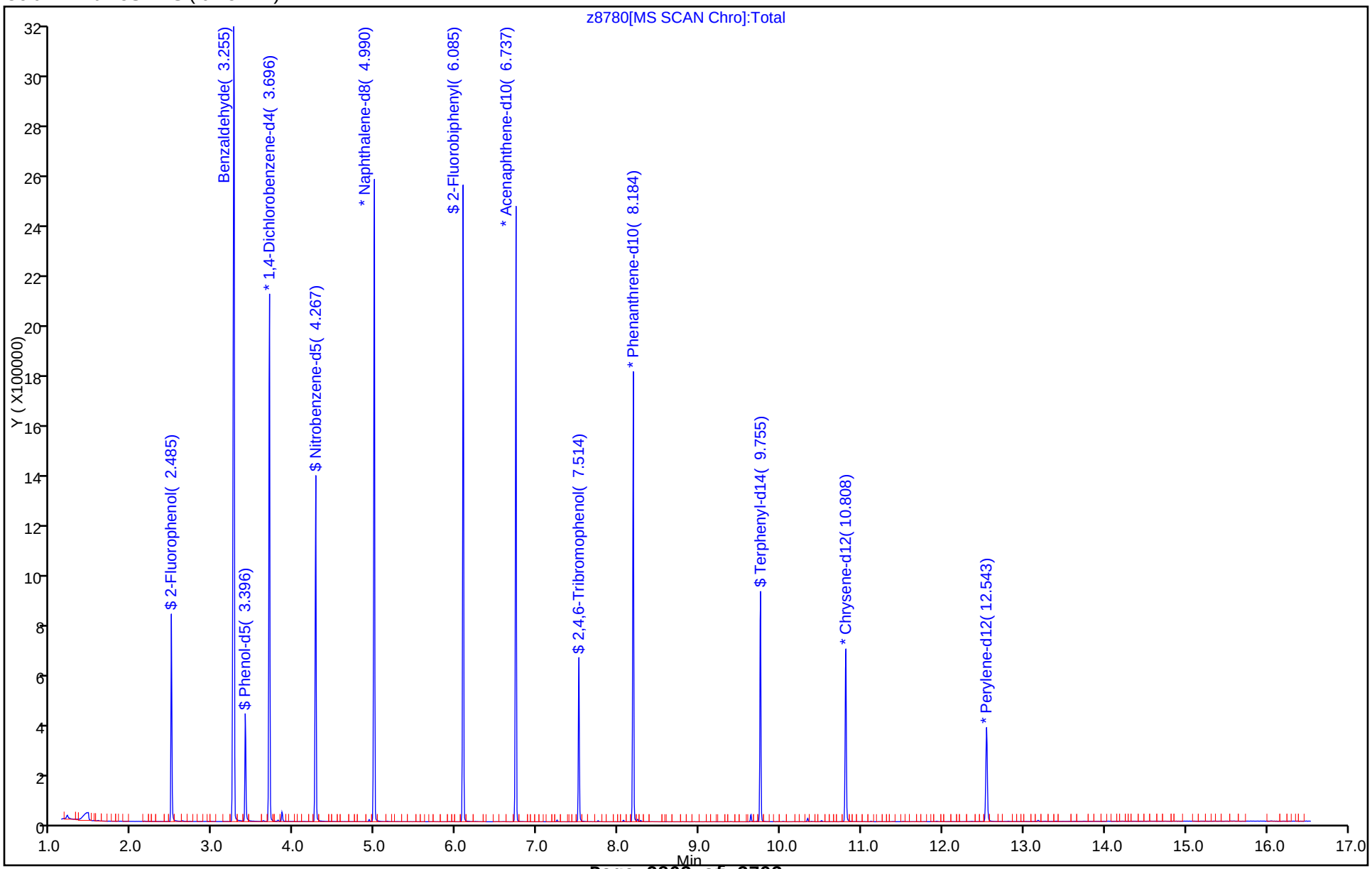
Report Date: 14-Mar-2014 09:17:14 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8780.D

Injection Date:	13-Mar-2014 04:07:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	LCSD 460-211622/5-A			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_11R	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-14SW-VS MS | Lab Sample ID: 460-72174-1 MS

Matrix: Solid | Lab File ID: U94423.D

Analysis Method: 8270C | Date Collected: 03/06/2014 09:15

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 12:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	3250		350	47
95-57-8	2-Chlorophenol	3200		350	46
95-48-7	2-Methylphenol	3300		350	60
106-44-5	4-Methylphenol	3380		350	69
100-52-7	Benzaldehyde	4700		350	41
98-86-2	Acetophenone	3120		350	54
111-44-4	Bis(2-chloroethyl)ether	2860		35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	2970		350	39
621-64-7	N-Nitrosodi-n-propylamine	3200		35	5.9
98-95-3	Nitrobenzene	3000		35	5.0
67-72-1	Hexachloroethane	2570		35	3.9
78-59-1	Isophorone	3280		350	43
88-75-5	2-Nitrophenol	3090		350	39
105-67-9	2,4-Dimethylphenol	3370		350	87
120-83-2	2,4-Dichlorophenol	3180		350	51
111-91-1	Bis(2-chloroethoxy)methane	3070		350	45
91-20-3	Naphthalene	3130		350	41
106-47-8	4-Chloroaniline	1310		350	93
87-68-3	Hexachlorobutadiene	2920		71	8.6
105-60-2	Caprolactam	3830		350	81
59-50-7	4-Chloro-3-methylphenol	3370		350	53
91-57-6	2-Methylnaphthalene	3010		350	45
118-74-1	Hexachlorobenzene	3970		35	4.8
77-47-4	Hexachlorocyclopentadiene	1790		350	41
88-06-2	2,4,6-Trichlorophenol	3710		350	41
95-95-4	2,4,5-Trichlorophenol	3630		350	45
92-52-4	Diphenyl	2880		350	47
91-58-7	2-Chloronaphthalene	3360		350	39
88-74-4	2-Nitroaniline	3560		710	150
606-20-2	2,6-Dinitrotoluene	3810		71	11
131-11-3	Dimethyl phthalate	3960		350	42
208-96-8	Acenaphthylene	3250		350	41
99-09-2	3-Nitroaniline	2920		710	120
83-32-9	Acenaphthene	2890		350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-14SW-VS MS | Lab Sample ID: 460-72174-1 MS

Matrix: Solid | Lab File ID: U94423.D

Analysis Method: 8270C | Date Collected: 03/06/2014 09:15

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 12:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	7790		1100	230
51-28-5	2,4-Dinitrophenol	5100		1100	200
132-64-9	Dibenzofuran	3630		350	41
84-66-2	Diethyl phthalate	4200		350	42
86-73-7	Fluorene	3520		350	45
206-44-0	Fluoranthene	3360		350	47
84-74-2	Di-n-butyl phthalate	3220		350	43
121-14-2	2,4-Dinitrotoluene	4310		71	12
7005-72-3	4-Chlorophenyl phenyl ether	3680		350	41
100-01-6	4-Nitroaniline	3950		710	110
534-52-1	4,6-Dinitro-2-methylphenol	5800		1100	96
101-55-3	4-Bromophenyl phenyl ether	3470		350	35
1912-24-9	Atrazine	3270		350	54
120-12-7	Anthracene	3010		350	43
86-74-8	Carbazole	3170		350	41
85-01-8	Phenanthrene	3160		350	45
87-86-5	Pentachlorophenol	4160		1100	100
129-00-0	Pyrene	3670		350	29
218-01-9	Chrysene	3530		350	41
207-08-9	Benzo[k]fluoranthene	3290		35	2.7
191-24-2	Benzo[g,h,i]perylene	2990		350	26
205-99-2	Benzo[b]fluoranthene	2930		35	2.2
50-32-8	Benzo[a]pyrene	3190		35	2.5
56-55-3	Benzo[a]anthracene	3260		35	2.5
86-30-6	N-Nitrosodiphenylamine	3130		350	35
85-68-7	Butyl benzyl phthalate	3410		350	32
117-81-7	Bis(2-ethylhexyl) phthalate	3210		350	120
117-84-0	Di-n-octyl phthalate	2520		350	22
193-39-5	Indeno[1,2,3-cd]pyrene	3130		35	6.5
53-70-3	Dibenz(a,h)anthracene	3220		35	4.4
91-94-1	3,3'-Dichlorobenzidine	2650		710	120
95-94-3	1,2,4,5-Tetrachlorobenzene	3310		350	47
58-90-2	2,3,4,6-Tetrachlorophenol	3470		350	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-14SW-VS MS Lab Sample ID: 460-72174-1 MS

Matrix: Solid Lab File ID: U94423.D

Analysis Method: 8270C Date Collected: 03/06/2014 09:15

Extract. Method: 3541 Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.03(g) Date Analyzed: 03/11/2014 12:09

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	113		19-114
4165-62-2	Phenol-d5	87		44-104
367-12-4	2-Fluorophenol	80		39-103
4165-60-0	Nitrobenzene-d5	86		40-106
321-60-8	2-Fluorobiphenyl	97		49-112
1718-51-0	Terphenyl-d14	98		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-VD MS | Lab Sample ID: 460-72174-34 MS

Matrix: Solid | Lab File ID: L1147864.D

Analysis Method: 8270C | Date Collected: 03/06/2014 14:40

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.01(g) | Date Analyzed: 03/11/2014 18:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2650		350	47
95-57-8	2-Chlorophenol	2690		350	46
95-48-7	2-Methylphenol	2730		350	60
106-44-5	4-Methylphenol	2810		350	69
100-52-7	Benzaldehyde	5170		350	41
98-86-2	Acetophenone	2770		350	54
111-44-4	Bis(2-chloroethyl)ether	2890		35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	2830		350	39
621-64-7	N-Nitrosodi-n-propylamine	2990		35	5.8
98-95-3	Nitrobenzene	3020		35	5.0
67-72-1	Hexachloroethane	2870		35	3.9
78-59-1	Isophorone	2910		350	42
88-75-5	2-Nitrophenol	2940		350	39
105-67-9	2,4-Dimethylphenol	2750		350	86
120-83-2	2,4-Dichlorophenol	2830		350	51
111-91-1	Bis(2-chloroethoxy)methane	2900		350	45
91-20-3	Naphthalene	2810		350	41
106-47-8	4-Chloroaniline	1280		350	93
87-68-3	Hexachlorobutadiene	2900		71	8.5
105-60-2	Caprolactam	2720		350	81
59-50-7	4-Chloro-3-methylphenol	2810		350	53
91-57-6	2-Methylnaphthalene	2890		350	45
118-74-1	Hexachlorobenzene	3110		35	4.8
77-47-4	Hexachlorocyclopentadiene	3620		350	41
88-06-2	2,4,6-Trichlorophenol	2940		350	41
95-95-4	2,4,5-Trichlorophenol	2960		350	45
92-52-4	Diphenyl	2930		350	47
91-58-7	2-Chloronaphthalene	2930		350	39
88-74-4	2-Nitroaniline	3020		710	150
606-20-2	2,6-Dinitrotoluene	2970		71	11
131-11-3	Dimethyl phthalate	2890		350	42
208-96-8	Acenaphthylene	2970		350	41
99-09-2	3-Nitroaniline	2000		710	120
83-32-9	Acenaphthene	2870		350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-VD MS | Lab Sample ID: 460-72174-34 MS

Matrix: Solid | Lab File ID: L1147864.D

Analysis Method: 8270C | Date Collected: 03/06/2014 14:40

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.01(g) | Date Analyzed: 03/11/2014 18:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5530		1100	230
51-28-5	2,4-Dinitrophenol	5630		1100	200
132-64-9	Dibenzofuran	2870		350	41
84-66-2	Diethyl phthalate	2860		350	42
86-73-7	Fluorene	2840		350	45
206-44-0	Fluoranthene	2760		350	47
84-74-2	Di-n-butyl phthalate	2830		350	43
121-14-2	2,4-Dinitrotoluene	2960		71	12
7005-72-3	4-Chlorophenyl phenyl ether	2890		350	41
100-01-6	4-Nitroaniline	2780		710	110
534-52-1	4,6-Dinitro-2-methylphenol	6070		1100	95
101-55-3	4-Bromophenyl phenyl ether	3010		350	35
1912-24-9	Atrazine	2420		350	54
120-12-7	Anthracene	2930		350	43
86-74-8	Carbazole	2890		350	41
85-01-8	Phenanthrene	2900		350	45
87-86-5	Pentachlorophenol	5950		1100	100
129-00-0	Pyrene	3270		350	29
218-01-9	Chrysene	2960		350	41
207-08-9	Benzo[k]fluoranthene	2970		35	2.7
191-24-2	Benzo[g,h,i]perylene	2940		350	26
205-99-2	Benzo[b]fluoranthene	3130		35	2.2
50-32-8	Benzo[a]pyrene	3010		35	2.5
56-55-3	Benzo[a]anthracene	2830		35	2.4
86-30-6	N-Nitrosodiphenylamine	3060		350	35
85-68-7	Butyl benzyl phthalate	2990		350	32
117-81-7	Bis(2-ethylhexyl) phthalate	2810		350	120
117-84-0	Di-n-octyl phthalate	3040		350	22
193-39-5	Indeno[1,2,3-cd]pyrene	3050		35	6.5
53-70-3	Dibenz(a,h)anthracene	3040		35	4.4
91-94-1	3,3'-Dichlorobenzidine	1780		710	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2990		350	47
58-90-2	2,3,4,6-Tetrachlorophenol	3080		350	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-VD MS Lab Sample ID: 460-72174-34 MS

Matrix: Solid Lab File ID: L1147864.D

Analysis Method: 8270C Date Collected: 03/06/2014 14:40

Extract. Method: 3541 Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.01(g) Date Analyzed: 03/11/2014 18:27

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	103		19-114
4165-62-2	Phenol-d5	90		44-104
367-12-4	2-Fluorophenol	86		39-103
4165-60-0	Nitrobenzene-d5	95		40-106
321-60-8	2-Fluorobiphenyl	98		49-112
1718-51-0	Terphenyl-d14	107		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-14SW-VS MSD | Lab Sample ID: 460-72174-1 MSD

Matrix: Solid | Lab File ID: U94424.D

Analysis Method: 8270C | Date Collected: 03/06/2014 09:15

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.01(g) | Date Analyzed: 03/11/2014 12:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	3250		350	47
95-57-8	2-Chlorophenol	3370		350	46
95-48-7	2-Methylphenol	3170		350	60
106-44-5	4-Methylphenol	3290		350	69
100-52-7	Benzaldehyde	4640		350	41
98-86-2	Acetophenone	3150		350	54
111-44-4	Bis(2-chloroethyl)ether	2730		35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	2880		350	39
621-64-7	N-Nitrosodi-n-propylamine	2980		35	5.9
98-95-3	Nitrobenzene	3040		35	5.0
67-72-1	Hexachloroethane	2480		35	3.9
78-59-1	Isophorone	3250		350	43
88-75-5	2-Nitrophenol	3170		350	39
105-67-9	2,4-Dimethylphenol	2830		350	87
120-83-2	2,4-Dichlorophenol	3020		350	51
111-91-1	Bis(2-chloroethoxy)methane	3000		350	45
91-20-3	Naphthalene	2910		350	41
106-47-8	4-Chloroaniline	1110		350	93
87-68-3	Hexachlorobutadiene	2900		71	8.6
105-60-2	Caprolactam	3740		350	81
59-50-7	4-Chloro-3-methylphenol	3270		350	53
91-57-6	2-Methylnaphthalene	3130		350	45
118-74-1	Hexachlorobenzene	4150		35	4.8
77-47-4	Hexachlorocyclopentadiene	1590		350	41
88-06-2	2,4,6-Trichlorophenol	3710		350	41
95-95-4	2,4,5-Trichlorophenol	3410		350	45
92-52-4	Diphenyl	3100		350	47
91-58-7	2-Chloronaphthalene	3200		350	39
88-74-4	2-Nitroaniline	3390		710	150
606-20-2	2,6-Dinitrotoluene	3580		71	11
131-11-3	Dimethyl phthalate	3670		350	42
208-96-8	Acenaphthylene	3110		350	42
99-09-2	3-Nitroaniline	2590		710	120
83-32-9	Acenaphthene	2870		350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-14SW-VS MSD | Lab Sample ID: 460-72174-1 MSD

Matrix: Solid | Lab File ID: U94424.D

Analysis Method: 8270C | Date Collected: 03/06/2014 09:15

Extract. Method: 3541 | Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.01(g) | Date Analyzed: 03/11/2014 12:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6770		1100	230
51-28-5	2,4-Dinitrophenol	4710		1100	200
132-64-9	Dibenzofuran	3330		350	41
84-66-2	Diethyl phthalate	3760		350	42
86-73-7	Fluorene	3270		350	45
206-44-0	Fluoranthene	3430		350	47
84-74-2	Di-n-butyl phthalate	2830		350	43
121-14-2	2,4-Dinitrotoluene	3890		71	12
7005-72-3	4-Chlorophenyl phenyl ether	3470		350	41
100-01-6	4-Nitroaniline	3640		710	110
534-52-1	4,6-Dinitro-2-methylphenol	5600		1100	96
101-55-3	4-Bromophenyl phenyl ether	3350		350	35
1912-24-9	Atrazine	3130		350	54
120-12-7	Anthracene	3000		350	43
86-74-8	Carbazole	3280		350	42
85-01-8	Phenanthrene	3110		350	45
87-86-5	Pentachlorophenol	4700		1100	100
129-00-0	Pyrene	3540		350	29
218-01-9	Chrysene	3190		350	41
207-08-9	Benzo[k]fluoranthene	2760		35	2.7
191-24-2	Benzo[g,h,i]perylene	2500		350	26
205-99-2	Benzo[b]fluoranthene	2850		35	2.2
50-32-8	Benzo[a]pyrene	3040		35	2.5
56-55-3	Benzo[a]anthracene	3080		35	2.5
86-30-6	N-Nitrosodiphenylamine	3260		350	35
85-68-7	Butyl benzyl phthalate	3210		350	32
117-81-7	Bis(2-ethylhexyl) phthalate	3150		350	120
117-84-0	Di-n-octyl phthalate	2280		350	22
193-39-5	Indeno[1,2,3-cd]pyrene	2790		35	6.5
53-70-3	Dibenz(a,h)anthracene	2810		35	4.4
91-94-1	3,3'-Dichlorobenzidine	2770		710	120
95-94-3	1,2,4,5-Tetrachlorobenzene	3210		350	47
58-90-2	2,3,4,6-Tetrachlorophenol	3200		350	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-14SW-VS MSD Lab Sample ID: 460-72174-1 MSD

Matrix: Solid Lab File ID: U94424.D

Analysis Method: 8270C Date Collected: 03/06/2014 09:15

Extract. Method: 3541 Date Extracted: 03/10/2014 09:03

Sample wt/vol: 15.01(g) Date Analyzed: 03/11/2014 12:32

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211759 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	107		19-114
4165-62-2	Phenol-d5	84		44-104
367-12-4	2-Fluorophenol	83		39-103
4165-60-0	Nitrobenzene-d5	82		40-106
321-60-8	2-Fluorobiphenyl	90		49-112
1718-51-0	Terphenyl-d14	97		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-VD MSD | Lab Sample ID: 460-72174-34 MSD

Matrix: Solid | Lab File ID: L1147865.D

Analysis Method: 8270C | Date Collected: 03/06/2014 14:40

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/11/2014 18:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2540		350	47
95-57-8	2-Chlorophenol	2590		350	46
95-48-7	2-Methylphenol	2610		350	60
106-44-5	4-Methylphenol	2620		350	69
100-52-7	Benzaldehyde	4630		350	41
98-86-2	Acetophenone	2670		350	54
111-44-4	Bis(2-chloroethyl)ether	2810		35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	2720		350	39
621-64-7	N-Nitrosodi-n-propylamine	2870		35	5.9
98-95-3	Nitrobenzene	2970		35	5.0
67-72-1	Hexachloroethane	2790		35	3.9
78-59-1	Isophorone	2840		350	42
88-75-5	2-Nitrophenol	2880		350	39
105-67-9	2,4-Dimethylphenol	2690		350	86
120-83-2	2,4-Dichlorophenol	2720		350	51
111-91-1	Bis(2-chloroethoxy)methane	2810		350	45
91-20-3	Naphthalene	2730		350	41
106-47-8	4-Chloroaniline	1220		350	93
87-68-3	Hexachlorobutadiene	2880		71	8.6
105-60-2	Caprolactam	2520		350	81
59-50-7	4-Chloro-3-methylphenol	2740		350	53
91-57-6	2-Methylnaphthalene	2730		350	45
118-74-1	Hexachlorobenzene	3110		35	4.8
77-47-4	Hexachlorocyclopentadiene	3680		350	41
88-06-2	2,4,6-Trichlorophenol	2920		350	41
95-95-4	2,4,5-Trichlorophenol	2970		350	45
92-52-4	Diphenyl	2900		350	47
91-58-7	2-Chloronaphthalene	2910		350	39
88-74-4	2-Nitroaniline	2870		710	150
606-20-2	2,6-Dinitrotoluene	2870		71	11
131-11-3	Dimethyl phthalate	2830		350	42
208-96-8	Acenaphthylene	2920		350	41
99-09-2	3-Nitroaniline	1880		710	120
83-32-9	Acenaphthene	2830		350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-VD MSD | Lab Sample ID: 460-72174-34 MSD

Matrix: Solid | Lab File ID: L1147865.D

Analysis Method: 8270C | Date Collected: 03/06/2014 14:40

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/11/2014 18:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5320		1100	230
51-28-5	2,4-Dinitrophenol	5560		1100	200
132-64-9	Dibenzofuran	2820		350	41
84-66-2	Diethyl phthalate	2730		350	42
86-73-7	Fluorene	2800		350	45
206-44-0	Fluoranthene	2710		350	47
84-74-2	Di-n-butyl phthalate	2770		350	43
121-14-2	2,4-Dinitrotoluene	2910		71	12
7005-72-3	4-Chlorophenyl phenyl ether	2850		350	41
100-01-6	4-Nitroaniline	2670		710	110
534-52-1	4,6-Dinitro-2-methylphenol	6060		1100	95
101-55-3	4-Bromophenyl phenyl ether	3020		350	35
1912-24-9	Atrazine	2410		350	54
120-12-7	Anthracene	2900		350	43
86-74-8	Carbazole	2820		350	41
85-01-8	Phenanthrene	2870		350	45
87-86-5	Pentachlorophenol	5930		1100	100
129-00-0	Pyrene	3030		350	29
218-01-9	Chrysene	2900		350	41
207-08-9	Benzo[k]fluoranthene	2850		35	2.7
191-24-2	Benzo[g,h,i]perylene	3080		350	26
205-99-2	Benzo[b]fluoranthene	3000		35	2.2
50-32-8	Benzo[a]pyrene	2980		35	2.5
56-55-3	Benzo[a]anthracene	2780		35	2.4
86-30-6	N-Nitrosodiphenylamine	3100		350	35
85-68-7	Butyl benzyl phthalate	2940		350	32
117-81-7	Bis(2-ethylhexyl) phthalate	2780		350	120
117-84-0	Di-n-octyl phthalate	2830		350	22
193-39-5	Indeno[1,2,3-cd]pyrene	3190		35	6.5
53-70-3	Dibenz(a,h)anthracene	3140		35	4.4
91-94-1	3,3'-Dichlorobenzidine	1860		710	120
95-94-3	1,2,4,5-Tetrachlorobenzene	3010		350	47
58-90-2	2,3,4,6-Tetrachlorophenol	3050		350	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-VD MSD | Lab Sample ID: 460-72174-34 MSD

Matrix: Solid | Lab File ID: L1147865.D

Analysis Method: 8270C | Date Collected: 03/06/2014 14:40

Extract. Method: 3541 | Date Extracted: 03/10/2014 20:18

Sample wt/vol: 15.00(g) | Date Analyzed: 03/11/2014 18:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211927 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	83		19-114
4165-62-2	Phenol-d5	74		44-104
367-12-4	2-Fluorophenol	72		39-103
4165-60-0	Nitrobenzene-d5	81		40-106
321-60-8	2-Fluorobiphenyl	85		49-112
1718-51-0	Terphenyl-d14	86		41-145

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CBNAMS11 Start Date: 03/04/2014 01:20

Analysis Batch Number: 210410 End Date: 03/04/2014 14:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-210410/55		03/04/2014 01:20	1	z8437.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-210410/2		03/04/2014 01:38	1	z8438.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-210410/3 IC		03/04/2014 02:11	1	z8439.D	Rtxi-5Sil MS 0.25(mm)
STD80 460-210410/4 IC		03/04/2014 02:34	1	z8440.D	Rtxi-5Sil MS 0.25(mm)
STD20 460-210410/5 IC		03/04/2014 02:56	1	z8441.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-210410/6 IC		03/04/2014 03:19	1	z8442.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-210410/7 IC		03/04/2014 03:42	1	z8443.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-210410/8 IC		03/04/2014 04:04	1	z8444.D	Rtxi-5Sil MS 0.25(mm)
STD 460-210410/9 IC		03/04/2014 04:27	1	z8445.D	Rtxi-5Sil MS 0.25(mm)
STD50 460-210410/10 IC		03/04/2014 04:50	1	z8446.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-210410/11 IC		03/04/2014 05:12	1	z8447.D	Rtxi-5Sil MS 0.25(mm)
STD80 460-210410/12 IC		03/04/2014 05:35	1	z8448.D	Rtxi-5Sil MS 0.25(mm)
STD20 460-210410/13 IC		03/04/2014 05:58	1	z8449.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-210410/14 IC		03/04/2014 06:20	1	z8450.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-210410/15 IC		03/04/2014 06:43	1	z8451.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-210410/16		03/04/2014 07:06	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-210410/17		03/04/2014 07:28	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/04/2014 08:14	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/04/2014 08:37	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/04/2014 09:00	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/04/2014 09:23	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/04/2014 09:45	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/04/2014 10:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/04/2014 10:31	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/04/2014 10:54	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/04/2014 11:17	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/04/2014 11:40	1		Rtxi-5Sil MS 0.25(mm)
MDLV 460-209595/12-A		03/04/2014 12:03	1		Rtxi-5Sil MS 0.25(mm)
MDLV 460-209595/13-A		03/04/2014 12:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/04/2014 12:49	1		Rtxi-5Sil MS 0.25(mm)
		03/04/2014 14:45	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CBNAMS11 Start Date: 03/13/2014 01:17

Analysis Batch Number: 212257 End Date: 03/13/2014 10:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-212257/1		03/13/2014 01:17	1	z8773.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-212257/2		03/13/2014 01:37	1	z8774.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-212257/3		03/13/2014 02:05	1	z8775.D	Rtxi-5Sil MS 0.25(mm)
MB 460-211622/1-A		03/13/2014 02:35	1	z8776.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-211622/2-A		03/13/2014 02:58	1	z8777.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-211622/3-A		03/13/2014 03:21	1	z8778.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-211622/4-A		03/13/2014 03:44	1	z8779.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-211622/5-A		03/13/2014 04:07	1	z8780.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/13/2014 04:30	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/13/2014 04:53	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/13/2014 05:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/13/2014 05:42	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/13/2014 06:05	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/13/2014 06:28	1		Rtxi-5Sil MS 0.25(mm)
460-72174-28	FB-030614	03/13/2014 06:51	1	z8787.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/13/2014 07:36	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/13/2014 08:46	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/13/2014 09:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/13/2014 09:34	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/13/2014 09:57	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/13/2014 10:20	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 03/05/2014 17:04

Analysis Batch Number: 210846 End Date: 03/06/2014 00:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-210846/1		03/05/2014 17:04	1	L1147700.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-210846/2		03/05/2014 18:19	1	L1147701.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-210846/3 IC		03/05/2014 18:44	1	L1147702.D	Rtxi-5Sil MS 0.25(mm)
STD80 460-210846/4 IC		03/05/2014 19:08	1	L1147703.D	Rtxi-5Sil MS 0.25(mm)
STD20 460-210846/5 IC		03/05/2014 19:33	1	L1147704.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-210846/6 IC		03/05/2014 19:57	1	L1147705.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-210846/7 IC		03/05/2014 20:21	1	L1147706.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-210846/8 IC		03/05/2014 20:46	1	L1147707.D	Rtxi-5Sil MS 0.25(mm)
STD 460-210846/9 IC		03/05/2014 21:10	1	L1147708.D	Rtxi-5Sil MS 0.25(mm)
STD50 460-210846/10 IC		03/05/2014 21:35	1	L1147709.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-210846/11 IC		03/05/2014 21:59	1	L1147710.D	Rtxi-5Sil MS 0.25(mm)
STD80 460-210846/12 IC		03/05/2014 22:23	1	L1147711.D	Rtxi-5Sil MS 0.25(mm)
STD20 460-210846/13 IC		03/05/2014 22:48	1	L1147712.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-210846/14 IC		03/05/2014 23:12	1	L1147713.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-210846/15 IC		03/05/2014 23:36	1	L1147714.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-210846/16		03/06/2014 00:00	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-210846/17		03/06/2014 00:25	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 03/11/2014 16:05

Analysis Batch Number: 211927 End Date: 03/12/2014 01:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-211927/1		03/11/2014 16:05	1	L1147858.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-211927/2		03/11/2014 16:23	1	L1147859.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-211927/3		03/11/2014 16:48	1	L1147860.D	Rtxi-5Sil MS 0.25(mm)
MB 460-211728/1-A		03/11/2014 17:13	1	L1147861.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-211728/2-A		03/11/2014 17:38	1	L1147862.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-211728/3-A		03/11/2014 18:02	1	L1147863.D	Rtxi-5Sil MS 0.25(mm)
460-72174-34 MS	PMP-9SW-VD MS	03/11/2014 18:27	1	L1147864.D	Rtxi-5Sil MS 0.25(mm)
460-72174-34 MSD	PMP-9SW-VD MSD	03/11/2014 18:52	1	L1147865.D	Rtxi-5Sil MS 0.25(mm)
460-72174-34	PMP-9SW-VD	03/11/2014 19:16	1	L1147866.D	Rtxi-5Sil MS 0.25(mm)
460-72174-21	PMP-10SW-SD	03/11/2014 19:41	1	L1147867.D	Rtxi-5Sil MS 0.25(mm)
460-72174-23	PMP-13SW-SI	03/11/2014 20:06	1	L1147868.D	Rtxi-5Sil MS 0.25(mm)
460-72174-27	PMP-28SW-SI	03/11/2014 20:31	1	L1147869.D	Rtxi-5Sil MS 0.25(mm)
460-72174-38	PMP-10SW-SI	03/11/2014 20:55	1	L1147870.D	Rtxi-5Sil MS 0.25(mm)
460-72174-24	PMP-13SW-SD	03/11/2014 21:20	1	L1147871.D	Rtxi-5Sil MS 0.25(mm)
460-72174-25	PMP-28SW-VD	03/11/2014 21:44	1	L1147872.D	Rtxi-5Sil MS 0.25(mm)
460-72174-29 DL	PMP-24SW-WT DL	03/11/2014 23:48	10	L1147877.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/12/2014 00:38	10		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/12/2014 01:03	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/12/2014 01:28	10		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/12/2014 01:53	2		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 03/13/2014 02:20

Analysis Batch Number: 212260 End Date: 03/13/2014 08:46

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-212260/4		03/13/2014 02:20	1	L1147911.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-212260/2		03/13/2014 03:24	1	L1147912.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-212260/3		03/13/2014 04:00	1	L1147913.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/13/2014 04:42	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/13/2014 05:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/13/2014 05:31	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/13/2014 05:55	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/13/2014 06:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/13/2014 06:44	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/13/2014 07:09	1		Rtxi-5Sil MS 0.25(mm)
460-72174-22	PMP-13SW-WT	03/13/2014 08:22	5	L1147923.D	Rtxi-5Sil MS 0.25(mm)
460-72174-26	PMP-28SW-WT	03/13/2014 08:46	5	L1147924.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 03/14/2014 02:15

Analysis Batch Number: 212527 End Date: 03/14/2014 13:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-212527/1		03/14/2014 02:15	1	L1147925.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-212527/2		03/14/2014 02:38	1	L1147926.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-212527/3		03/14/2014 03:02	1	L1147927.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 03:27	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 03:51	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 04:15	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 04:39	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 05:04	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 05:28	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 05:52	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 06:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 06:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 07:05	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 07:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 07:54	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 08:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 08:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 09:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 09:31	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 09:56	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 10:20	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 10:45	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 11:10	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 11:34	2		Rtxi-5Sil MS 0.25(mm)
460-72174-31	PMP-7SW-VD	03/14/2014 11:58	1	L1147949.D	Rtxi-5Sil MS 0.25(mm)
460-72174-37	PMP-10SW-WI	03/14/2014 12:22	1	L1147950.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 12:47	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 13:11	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 13:36	5		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CBNAMS4 Start Date: 02/27/2014 08:41

Analysis Batch Number: 209495 End Date: 02/27/2014 17:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-209495/1		02/27/2014 08:41	1	U94125.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-209495/2		02/27/2014 09:08	1	U94126.D	Rtxi-5Sil MS 0.25(mm)
IC 460-209495/3		02/27/2014 09:30	1	U94127.D	Rtxi-5Sil MS 0.25(mm)
IC 460-209495/4		02/27/2014 09:53	1	U94128.D	Rtxi-5Sil MS 0.25(mm)
IC 460-209495/5		02/27/2014 10:15	1	U94129.D	Rtxi-5Sil MS 0.25(mm)
IC 460-209495/6		02/27/2014 10:38	1	U94130.D	Rtxi-5Sil MS 0.25(mm)
IC 460-209495/7		02/27/2014 11:00	1	U94131.D	Rtxi-5Sil MS 0.25(mm)
IC 460-209495/8		02/27/2014 11:23	1	U94132.D	Rtxi-5Sil MS 0.25(mm)
IC 460-209495/9		02/27/2014 11:45	1	U94133.D	Rtxi-5Sil MS 0.25(mm)
IC 460-209495/10		02/27/2014 12:08	1	U94134.D	Rtxi-5Sil MS 0.25(mm)
IC 460-209495/11		02/27/2014 12:30	1	U94135.D	Rtxi-5Sil MS 0.25(mm)
IC 460-209495/12		02/27/2014 12:53	1	U94136.D	Rtxi-5Sil MS 0.25(mm)
IC 460-209495/13		02/27/2014 13:15	1	U94137.D	Rtxi-5Sil MS 0.25(mm)
IC 460-209495/14		02/27/2014 13:38	1	U94138.D	Rtxi-5Sil MS 0.25(mm)
IC 460-209495/15		02/27/2014 14:00	1	U94139.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-209495/16		02/27/2014 14:23	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-209495/17		02/27/2014 14:45	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		02/27/2014 15:59	500		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		02/27/2014 16:22	50		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		02/27/2014 17:07	500		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		02/27/2014 17:29	500		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CBNAMS4 Start Date: 03/11/2014 03:27

Analysis Batch Number: 211759 End Date: 03/11/2014 13:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-211759/1		03/11/2014 03:27	1	U94404.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-211759/2		03/11/2014 03:49	1	U94405.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-211759/3		03/11/2014 04:18	1	U94406.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-211603/2-A		03/11/2014 05:17	1	U94408.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-211603/3-A		03/11/2014 05:39	1	U94409.D	Rtxi-5Sil MS 0.25(mm)
460-72174-3	PMP-23SW-VD	03/11/2014 06:02	1	U94410.D	Rtxi-5Sil MS 0.25(mm)
460-72174-4	PMP-23SW-WT	03/11/2014 06:24	1	U94411.D	Rtxi-5Sil MS 0.25(mm)
460-72174-7	PMP-4SW-VD	03/11/2014 06:47	1	U94412.D	Rtxi-5Sil MS 0.25(mm)
460-72174-9	PMP-22SW-VD	03/11/2014 07:09	1	U94413.D	Rtxi-5Sil MS 0.25(mm)
460-72174-10	PMP-22SW-WT	03/11/2014 07:32	1	U94414.D	Rtxi-5Sil MS 0.25(mm)
460-72174-12	PMP-5SW-SI	03/11/2014 09:08	1	U94415.D	Rtxi-5Sil MS 0.25(mm)
460-72174-13	PMP-6SW-VD	03/11/2014 09:31	1	U94416.D	Rtxi-5Sil MS 0.25(mm)
460-72174-14	PMP-6SW-WT	03/11/2014 09:53	1	U94417.D	Rtxi-5Sil MS 0.25(mm)
460-72174-15	PMP-6SW-SI	03/11/2014 10:16	1	U94418.D	Rtxi-5Sil MS 0.25(mm)
460-72174-16	PMP-2SW-VD	03/11/2014 10:39	1	U94419.D	Rtxi-5Sil MS 0.25(mm)
460-72174-17	PMP-2SW-WT	03/11/2014 11:01	1	U94420.D	Rtxi-5Sil MS 0.25(mm)
460-72174-18	PMP-2SW-SI	03/11/2014 11:24	1	U94421.D	Rtxi-5Sil MS 0.25(mm)
460-72174-1	PMP-14SW-VS	03/11/2014 11:46	1	U94422.D	Rtxi-5Sil MS 0.25(mm)
460-72174-1 MS	PMP-14SW-VS MS	03/11/2014 12:09	1	U94423.D	Rtxi-5Sil MS 0.25(mm)
460-72174-1 MSD	PMP-14SW-VS MSD	03/11/2014 12:32	1	U94424.D	Rtxi-5Sil MS 0.25(mm)
460-72174-11	PMP-5SW-WT	03/11/2014 12:54	1	U94425.D	Rtxi-5Sil MS 0.25(mm)
460-72174-6	PMP-4SW-VS	03/11/2014 13:17	1	U94426.D	Rtxi-5Sil MS 0.25(mm)
460-72174-8	PMP-22SW-VS	03/11/2014 13:40	1	U94427.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CBNAMS4 Start Date: 03/11/2014 15:40

Analysis Batch Number: 211922 End Date: 03/12/2014 03:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-211922/1		03/11/2014 15:40	1	U94428.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-211922/2		03/11/2014 15:59	1	U94429.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-211922/3		03/11/2014 16:33	1	U94430.D	Rtxi-5Sil MS 0.25(mm)
MB 460-211603/1-A		03/11/2014 17:22	1	U94432.D	Rtxi-5Sil MS 0.25(mm)
460-72174-20 DL	PMP-24SW-VD DL	03/12/2014 01:16	20	U94453.D	Rtxi-5Sil MS 0.25(mm)
460-72174-19	PMP-24SW-VS	03/12/2014 02:24	1	U94456.D	Rtxi-5Sil MS 0.25(mm)
460-72174-5	PMP-8SW-VS	03/12/2014 02:46	2	U94457.D	Rtxi-5Sil MS 0.25(mm)
460-72174-2	PMP-23SW-VS	03/12/2014 03:09	2	U94458.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CBNAMS5 Start Date: 03/11/2014 04:48

Analysis Batch Number: 211764 End Date: 03/12/2014 01:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-211764/1		03/11/2014 04:48	1	x9278.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-211764/2		03/11/2014 05:08	1	x9279.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-211764/3 IC		03/11/2014 05:42	1	x9280.D	Rtxi-5Sil MS 0.25(mm)
STD80 460-211764/4 IC		03/11/2014 06:06	1	x9281.D	Rtxi-5Sil MS 0.25(mm)
STD20 460-211764/5 IC		03/11/2014 06:30	1	x9282.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-211764/6 IC		03/11/2014 06:54	1	x9283.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-211764/7 IC		03/11/2014 07:18	1	x9284.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-211764/8 IC		03/11/2014 07:42	1	x9285.D	Rtxi-5Sil MS 0.25(mm)
STD 460-211764/9 IC		03/11/2014 08:06	1	x9286.D	Rtxi-5Sil MS 0.25(mm)
STD50 460-211764/10 IC		03/11/2014 08:30	1	x9287.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-211764/11 IC		03/11/2014 08:54	1	x9288.D	Rtxi-5Sil MS 0.25(mm)
STD80 460-211764/12 IC		03/11/2014 09:18	1	x9289.D	Rtxi-5Sil MS 0.25(mm)
STD20 460-211764/13 IC		03/11/2014 09:43	1	x9290.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-211764/14 IC		03/11/2014 10:07	1	x9291.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-211764/15 IC		03/11/2014 10:31	1	x9292.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-211764/16		03/11/2014 10:55	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-211764/17		03/11/2014 11:19	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/11/2014 14:38	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/11/2014 15:02	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/11/2014 21:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/11/2014 22:14	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/11/2014 22:39	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/11/2014 23:03	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/11/2014 23:27	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/12/2014 00:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/12/2014 01:05	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/12/2014 01:54	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CBNAMS5 Start Date: 03/14/2014 06:16

Analysis Batch Number: 212566 End Date: 03/14/2014 17:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-212566/1		03/14/2014 06:16	1	x9410.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-212566/2		03/14/2014 06:30	1	x9411.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-212566/3		03/14/2014 06:58	1	x9412.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 07:25	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 07:48	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 08:12	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 08:35	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 08:59	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 09:22	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 09:45	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 10:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 10:32	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 10:56	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 11:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 11:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 12:07	5		Rtxi-5Sil MS 0.25(mm)
460-72174-32	PMP-7SW-WI	03/14/2014 12:31	5	x9426.D	Rtxi-5Sil MS 0.25(mm)
460-72174-36	PMP-9SW-SI	03/14/2014 13:18	1	x9428.D	Rtxi-5Sil MS 0.25(mm)
460-72174-30	PMP-24SW-SI	03/14/2014 13:42	5	x9429.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 14:06	10		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 14:30	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 14:53	1		Rtxi-5Sil MS 0.25(mm)
460-72174-33	PMP-7SW-SI	03/14/2014 15:22	5	x9433.D	Rtxi-5Sil MS 0.25(mm)
460-72174-35	PMP-9SW-WT	03/14/2014 15:46	5	x9434.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 16:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 16:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 16:56	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 17:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		03/14/2014 17:43	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211603 Batch Start Date: 03/10/14 09:02 Batch Analyst: Patel, Harsh

Batch Method: 3541 Batch End Date: 03/10/14 16:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_BNA SPIK 00007	OP_BNASurroga 00003	SM_Benzalde 00001
MB 460-211603/1		3541, 8270C		15.00 g	1 mL	104		500 uL	
LCS 460-211603/2		3541, 8270C		15.00 g	1 mL	105		500 uL	50 uL
LCS 460-211603/3		3541, 8270C		15.00 g	1 mL	106	500 uL	500 uL	
460-72174-E-1 MS	PMP-14SW-VS	3541, 8270C	T	15.03 g	1 mL	107	500 uL	500 uL	50 uL
460-72174-E-1 MSD	PMP-14SW-VS	3541, 8270C	T	15.01 g	1 mL	108	500 uL	500 uL	50 uL
460-72174-E-1	PMP-14SW-VS	3541, 8270C	T	15.02 g	1 mL	115		500 uL	
460-72174-E-2	PMP-23SW-VS	3541, 8270C	T	15.02 g	1 mL	116		500 uL	
460-72174-E-3	PMP-23SW-VD	3541, 8270C	T	15.01 g	1 mL	117		500 uL	
460-72174-E-4	PMP-23SW-WT	3541, 8270C	T	15.03 g	1 mL	118		500 uL	
460-72174-E-5	PMP-8SW-VS	3541, 8270C	T	15.02 g	1 mL	119		500 uL	
460-72174-E-6	PMP-4SW-VS	3541, 8270C	T	15.04 g	1 mL	120		500 uL	
460-72174-E-7	PMP-4SW-VD	3541, 8270C	T	15.01 g	1 mL	73		500 uL	
460-72174-E-8	PMP-22SW-VS	3541, 8270C	T	15.02 g	1 mL	74		500 uL	
460-72174-E-9	PMP-22SW-VD	3541, 8270C	T	15.00 g	1 mL	75		500 uL	
460-72174-E-10	PMP-22SW-WT	3541, 8270C	T	15.04 g	1 mL	76		500 uL	
460-72174-E-11	PMP-5SW-WT	3541, 8270C	T	15.01 g	1 mL	77		500 uL	
460-72174-E-12	PMP-5SW-SI	3541, 8270C	T	15.03 g	1 mL	78		500 uL	
460-72174-E-13	PMP-6SW-VD	3541, 8270C	T	15.02 g	1 mL	79		500 uL	
460-72174-E-14	PMP-6SW-WT	3541, 8270C	T	15.04 g	1 mL	80		500 uL	
460-72174-E-15	PMP-6SW-SI	3541, 8270C	T	15.02 g	1 mL	81		500 uL	
460-72174-E-16	PMP-2SW-VD	3541, 8270C	T	15.04 g	1 mL	82		500 uL	
460-72174-E-17	PMP-2SW-WT	3541, 8270C	T	15.01 g	1 mL	83		500 uL	
460-72174-E-18	PMP-2SW-SI	3541, 8270C	T	15.01 g	1 mL	84		500 uL	
460-72174-E-19	PMP-24SW-VS	3541, 8270C	T	15.03 g	1 mL	85		500 uL	
460-72174-E-20	PMP-24SW-VD	3541, 8270C	T	15.02 g	1 mL	86		500 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	AnalysisComment					
MB 460-211603/1		3541, 8270C							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211603 Batch Start Date: 03/10/14 09:02 Batch Analyst: Patel, Harsh

Batch Method: 3541 Batch End Date: 03/10/14 16:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	AnalysisComment					
LCS 460-211603/2		3541, 8270C							
LCS 460-211603/3		3541, 8270C							
460-72174-E-1 MS	PMP-14SW-VS	3541, 8270C	T						
460-72174-E-1 MSD	PMP-14SW-VS	3541, 8270C	T						
460-72174-E-1	PMP-14SW-VS	3541, 8270C	T						
460-72174-E-2	PMP-23SW-VS	3541, 8270C	T	Dark Extract					
460-72174-E-3	PMP-23SW-VD	3541, 8270C	T						
460-72174-E-4	PMP-23SW-WT	3541, 8270C	T						
460-72174-E-5	PMP-8SW-VS	3541, 8270C	T	Dark Extract					
460-72174-E-6	PMP-4SW-VS	3541, 8270C	T						
460-72174-E-7	PMP-4SW-VD	3541, 8270C	T						
460-72174-E-8	PMP-22SW-VS	3541, 8270C	T						
460-72174-E-9	PMP-22SW-VD	3541, 8270C	T						
460-72174-E-10	PMP-22SW-WT	3541, 8270C	T						
460-72174-E-11	PMP-5SW-WT	3541, 8270C	T						
460-72174-E-12	PMP-5SW-SI	3541, 8270C	T						
460-72174-E-13	PMP-6SW-VD	3541, 8270C	T						
460-72174-E-14	PMP-6SW-WT	3541, 8270C	T						
460-72174-E-15	PMP-6SW-SI	3541, 8270C	T						
460-72174-E-16	PMP-2SW-VD	3541, 8270C	T						
460-72174-E-17	PMP-2SW-WT	3541, 8270C	T						
460-72174-E-18	PMP-2SW-SI	3541, 8270C	T						
460-72174-E-19	PMP-24SW-VS	3541, 8270C	T						
460-72174-E-20	PMP-24SW-VD	3541, 8270C	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211603 Batch Start Date: 03/10/14 09:02 Batch Analyst: Patel, Harsh

Batch Method: 3541 Batch End Date: 03/10/14 16:30

Batch Notes	
Balance ID	28
Batch Comment	BNA SOIL
Person's name who did the concentration	hp
Vendor lot number	52653
N-evap #	222299
N-evap temperature	37.0 Degrees C
Na2SO4 Lot Number	331103
Person's name who did the prep	hp
Solvent	MeCl2/Acetone blend
SOP Number	3541
Soxtherm Temperature	150 deg. C
First Start time	8.00am
Uncorrected N-evap Temperature	37.0 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211622 Batch Start Date: 03/10/14 09:34 Batch Analyst: Wu, Huachi

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP_BNA SPIK 00007
MB 460-211622/1		3510C, 8270C		7	1000 mL	2 mL	<2	>12	
LCS 460-211622/2		3510C, 8270C		7	1000 mL	2 mL	<2	>12	1000 uL
LCSD 460-211622/3		3510C, 8270C		7	1000 mL	2 mL	<2	>12	1000 uL
LCS 460-211622/4		3510C, 8270C		7	1000 mL	2 mL	<2	>12	
LCSD 460-211622/5		3510C, 8270C		7	1000 mL	2 mL	<2	>12	
460-72174-H-28	FB-030614	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNASurroga 00003	SM_Benzalde 00001				
MB 460-211622/1		3510C, 8270C		1000 uL					
LCS 460-211622/2		3510C, 8270C		1000 uL					
LCSD 460-211622/3		3510C, 8270C		1000 uL					
LCS 460-211622/4		3510C, 8270C		1000 uL	0.1 mL				
LCSD 460-211622/5		3510C, 8270C		1000 uL	0.1 mL				
460-72174-H-28	FB-030614	3510C, 8270C	T	1000 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211622 Batch Start Date: 03/10/14 09:34 Batch Analyst: Wu, Huachi

Batch Method: 3510C Batch End Date:

Batch Notes	
Acid used for pH adjustment	H2so4
Acid used for pH adjust Lot #	53267
Base used for pH adjustment	Naoh
Base used for pH adjust Lot #	OP852
Batch Comment	8270C
Person's name who did the concentration	Wuh
N-evap temperature	25 Celsius
Na2SO4 Lot Number	331103
Prep Solvent Lot #	64542
Prep Solvent Name	Mecl2
Prep Solvent Volume Used	360ml mL
Person's name who did the prep	Wuh

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211728 Batch Start Date: 03/10/14 20:18 Batch Analyst: Patel, Virkam N

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_BNA SPIK 00007	OP_BNASurroga 00003	SM_Benzalde 00001
MB 460-211728/1		3541, 8270C		15.03 g	1 mL	103		500 uL	
LCS 460-211728/2		3541, 8270C		15.04 g	1 mL	104	500 uL	500 uL	
LCS 460-211728/3		3541, 8270C		15.03 g	1 mL	105		500 uL	50 uL
460-72174-F-34 MS	PMP-9SW-VD	3541, 8270C	T	15.01 g	1 mL	106	500 uL	500 uL	50 uL
460-72174-F-34 MSD	PMP-9SW-VD	3541, 8270C	T	15.00 g	1 mL	107	500 uL	500 uL	50 uL
460-72174-F-34	PMP-9SW-VD	3541, 8270C	T	15.00 g	1 mL	108		500 uL	
460-72174-F-21	PMP-10SW-SD	3541, 8270C	T	15.03 g	1 mL	73		500 uL	
460-72174-F-22	PMP-13SW-WT	3541, 8270C	T	15.01 g	1 mL	74		500 uL	
460-72174-F-23	PMP-13SW-SI	3541, 8270C	T	15.04 g	1 mL	75		500 uL	
460-72174-F-24	PMP-13SW-SD	3541, 8270C	T	15.03 g	1 mL	76		500 uL	
460-72174-F-25	PMP-28SW-VD	3541, 8270C	T	15.01 g	1 mL	77		500 uL	
460-72174-F-26	PMP-28SW-WT	3541, 8270C	T	15.04 g	1 mL	78		500 uL	
460-72174-F-27	PMP-28SW-SI	3541, 8270C	T	15.03 g	1 mL	79		500 uL	
460-72174-F-29	PMP-24SW-WT	3541, 8270C	T	15.03 g	1 mL	80		500 uL	
460-72174-F-30	PMP-24SW-SI	3541, 8270C	T	15.02 g	1 mL	81		500 uL	
460-72174-F-31	PMP-7SW-VD	3541, 8270C	T	15.04 g	1 mL	82		500 uL	
460-72174-F-32	PMP-7SW-WI	3541, 8270C	T	15.03 g	1 mL	83		500 uL	
460-72174-F-33	PMP-7SW-SI	3541, 8270C	T	15.04 g	1 mL	84		500 uL	
460-72174-F-35	PMP-9SW-WT	3541, 8270C	T	15.01 g	1 mL	85		500 uL	
460-72174-F-36	PMP-9SW-SI	3541, 8270C	T	15.01 g	1 mL	86		500 uL	
460-72174-F-37	PMP-10SW-WI	3541, 8270C	T	15.02 g	1 mL	87		500 uL	
460-72174-F-38	PMP-10SW-SI	3541, 8270C	T	15.00 g	1 mL	88		500 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211728 Batch Start Date: 03/10/14 20:18 Batch Analyst: Patel, Virkam N

Batch Method: 3541 Batch End Date:

Batch Notes	
Balance ID	28
Batch Comment	BNA 8270C SOIL
Person's name who did the concentration	VP
Vendor lot number	52653
N-evap #	222299
N-evap temperature	37.0 Degrees C
Na2SO4 Lot Number	320403
Person's name who did the prep	VP
Solvent	MeCl2/Acetone blend
SOP Number	3541
Soxtherm Temperature	150 deg. C
First Start time	20.30 pm
Uncorrected N-evap Temperature	37.0 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8082

Polychlorinated Biphenyls (PCBs) by Gas Chromatography by Method 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCB1	#	DCB2	#
PMP-14SW-VS	460-72174-1	81		107	
PMP-23SW-VS	460-72174-2	0	X	0	X
PMP-23SW-VD	460-72174-3	99		103	
PMP-23SW-WT	460-72174-4	113		119	
PMP-8SW-VS	460-72174-5	124		130	
PMP-4SW-VS	460-72174-6	0	X	0	X
PMP-4SW-VD	460-72174-7	85		110	
PMP-22SW-VS	460-72174-8	111		117	
PMP-22SW-VD	460-72174-9	102		102	
PMP-22SW-WT	460-72174-10	104		105	
PMP-5SW-WT	460-72174-11	0	X	0	X
PMP-5SW-SI	460-72174-12	0	X	0	X
PMP-6SW-VD	460-72174-13	122		118	
PMP-6SW-WT	460-72174-14	0	X	0	X
PMP-6SW-SI	460-72174-15	0	X	0	X
PMP-2SW-VD	460-72174-16	111		110	
PMP-2SW-WT	460-72174-17	0	X	0	X
PMP-2SW-SI	460-72174-18	123		111	
PMP-24SW-VS	460-72174-19	0	X	0	X
PMP-24SW-VD	460-72174-20	0	X	0	X
PMP-10SW-SD	460-72174-21	111		110	
PMP-13SW-WT	460-72174-22	0	X	0	X
PMP-13SW-SI	460-72174-23	101		101	
PMP-13SW-SD	460-72174-24	105		107	
PMP-28SW-VD	460-72174-25	103		102	
PMP-28SW-WT	460-72174-26	0	X	0	X
PMP-28SW-SI	460-72174-27	106		105	
PMP-24SW-WT	460-72174-29	0	X	0	X
PMP-24SW-SI	460-72174-30	0	X	0	X
PMP-7SW-VD	460-72174-31	112		111	
PMP-7SW-WI	460-72174-32	0	X	0	X
PMP-7SW-SI	460-72174-33	0	X	0	X
PMP-9SW-VD	460-72174-34	100		98	
PMP-9SW-WT	460-72174-35	0	X	0	X
PMP-9SW-SI	460-72174-36	98		97	

	QC LIMITS
DCB = DCB Decachlorobiphenyl	45-138

Column to be used to flag recovery values

FORM II 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCB1 #	DCB2 #
PMP-10SW-WI	460-72174-37	120	115
PMP-10SW-SI	460-72174-38	106	106
	MB 460-211556/1-A	131	124
	MB 460-211557/1-A	109	110
	LCS 460-211556/2-A	135	133
	LCS 460-211557/2-A	114	113
PMP-14SW-VS MS	460-72174-1 MS	92	115
PMP-10SW-SD MS	460-72174-21 MS	104	103
PMP-14SW-VS MSD	460-72174-1 MSD	81	102
PMP-10SW-SD MSD	460-72174-21 MSD	100	100

	QC LIMITS
DCB = DCB Decachlorobiphenyl	45-138

Column to be used to flag recovery values

FORM II 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCB1 #	DCB2 #
FB-030614	460-72174-28	63	63
	MB 460-211482/1-A	109	111
	LCS 460-211482/2-A	84	86
	LCSD 460-211482/3-A	86	82

	QC LIMITS
DCB = DCB Decachlorobiphenyl	10-150

Column to be used to flag recovery values

FORM II 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T004432.D

Lab ID: LCS 460-211482/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	5.00	5.81	116	72-144	
Aroclor 1016	5.00	5.81	116	72-144	
Aroclor 1260	5.00	6.08	122	67-149	
Aroclor 1260	5.00	5.89	118	67-149	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: OR214311.D

Lab ID: LCS 460-211556/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	345	103	75-150	
Aroclor 1016	333	367	110	75-150	
Aroclor 1260	333	325	98	72-150	
Aroclor 1260	333	324	97	72-150	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: T004404.D

Lab ID: LCS 460-211557/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	343	103	75-150	
Aroclor 1016	333	361	108	75-150	
Aroclor 1260	333	350	105	72-150	
Aroclor 1260	333	354	106	72-150	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T004433.D

Lab ID: LCSD 460-211482/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	5.00	5.69	114	2	30	72-144	
Aroclor 1016	5.00	5.38	108	8	30	72-144	
Aroclor 1260	5.00	5.80	116	5	30	67-149	
Aroclor 1260	5.00	5.76	115	2	30	67-149	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: OR214312.D

Lab ID: 460-72174-1 MS Client ID: PMP-14SW-VS MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	354	16 U	365	103	75-150	
Aroclor 1016	354	16 U	413	117	75-150	
Aroclor 1260	354	20 U	369	104	72-150	
Aroclor 1260	354	20 U	316	89	72-150	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: T004405.D

Lab ID: 460-72174-21 MS Client ID: PMP-10SW-SD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	408	18 U	504	124	75-150	
Aroclor 1016	408	18 U	524	128	75-150	
Aroclor 1260	408	23 U	397	97	72-150	
Aroclor 1260	408	23 U	402	98	72-150	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: OR214313.D

Lab ID: 460-72174-1 MSD Client ID: PMP-14SW-VS MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	354	355	100	3	30	75-150	
Aroclor 1016	354	401	113	3	30	75-150	
Aroclor 1260	354	344	97	7	30	72-150	
Aroclor 1260	354	295	83	7	30	72-150	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: T004406.D

Lab ID: 460-72174-21 MSD Client ID: PMP-10SW-SD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	409	466	114	8	30	75-150	
Aroclor 1016	409	487	119	7	30	75-150	
Aroclor 1260	409	378	92	6	30	72-150	
Aroclor 1260	409	370	90	7	30	72-150	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: MB 460-211482/1-A

Matrix: Water Date Extracted: 03/09/2014 10:42

Lab File ID:(1) T004431.D Lab File ID:(2) T004431.D

Date Analyzed:(1) 03/11/2014 03:32 Date Analyzed:(2) 03/11/2014 03:32

Instrument ID:(1) CPESTGC11 Instrument ID:(2) CPESTGC11

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-211482/2-A	03/11/2014 03:51	03/11/2014 03:51
	LCSD 460-211482/3-A	03/11/2014 04:10	03/11/2014 04:10
FB-030614	460-72174-28	03/11/2014 05:25	03/11/2014 05:25

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: MB 460-211556/1-A

Matrix: Solid Date Extracted: 03/10/2014 04:49

Lab File ID:(1) OR214310.D Lab File ID:(2) OR214310.D

Date Analyzed:(1) 03/10/2014 23:48 Date Analyzed:(2) 03/10/2014 23:48

Instrument ID:(1) CPESTGC7 Instrument ID:(2) CPESTGC7

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-211556/2-A	03/11/2014 00:04	03/11/2014 00:04
PMP-14SW-VS MS	460-72174-1 MS	03/11/2014 00:20	03/11/2014 00:20
PMP-14SW-VS MSD	460-72174-1 MSD	03/11/2014 00:37	03/11/2014 00:37
PMP-14SW-VS	460-72174-1	03/11/2014 00:54	03/11/2014 00:54
PMP-23SW-VD	460-72174-3	03/11/2014 01:27	03/11/2014 01:27
PMP-23SW-WT	460-72174-4	03/11/2014 01:44	03/11/2014 01:44
PMP-4SW-VD	460-72174-7	03/11/2014 02:33	03/11/2014 02:33
PMP-22SW-VD	460-72174-9	03/11/2014 03:06	03/11/2014 03:06
PMP-22SW-WT	460-72174-10	03/11/2014 03:22	03/11/2014 03:22
PMP-6SW-VD	460-72174-13	03/11/2014 04:11	03/11/2014 04:11
PMP-2SW-VD	460-72174-16	03/11/2014 05:01	03/11/2014 05:01
PMP-2SW-SI	460-72174-18	03/11/2014 05:34	03/11/2014 05:34
PMP-23SW-VS	460-72174-2	03/11/2014 16:14	03/11/2014 16:14
PMP-8SW-VS	460-72174-5	03/11/2014 16:31	03/11/2014 16:31
PMP-4SW-VS	460-72174-6	03/11/2014 16:47	03/11/2014 16:47
PMP-22SW-VS	460-72174-8	03/11/2014 17:03	03/11/2014 17:03
PMP-5SW-WT	460-72174-11	03/11/2014 17:20	03/11/2014 17:20
PMP-5SW-SI	460-72174-12	03/11/2014 17:36	03/11/2014 17:36
PMP-6SW-WT	460-72174-14	03/11/2014 17:53	03/11/2014 17:53
PMP-6SW-SI	460-72174-15	03/11/2014 18:09	03/11/2014 18:09
PMP-2SW-WT	460-72174-17	03/11/2014 18:26	03/11/2014 18:26
PMP-24SW-VS	460-72174-19	03/11/2014 18:42	03/11/2014 18:42
PMP-24SW-VD	460-72174-20	03/11/2014 18:59	03/11/2014 18:59

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: MB 460-211557/1-A

Matrix: Solid Date Extracted: 03/10/2014 04:53

Lab File ID:(1) T004403.D Lab File ID:(2) T004403.D

Date Analyzed:(1) 03/10/2014 18:42 Date Analyzed:(2) 03/10/2014 18:42

Instrument ID:(1) CPESTGC11 Instrument ID:(2) CPESTGC11

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-211557/2-A	03/10/2014 19:01	03/10/2014 19:01
PMP-10SW-SD MS	460-72174-21 MS	03/10/2014 19:20	03/10/2014 19:20
PMP-10SW-SD MSD	460-72174-21 MSD	03/10/2014 19:39	03/10/2014 19:39
PMP-10SW-SD	460-72174-21	03/10/2014 20:55	03/10/2014 20:55
PMP-13SW-SI	460-72174-23	03/10/2014 21:33	03/10/2014 21:33
PMP-13SW-SD	460-72174-24	03/10/2014 21:51	03/10/2014 21:51
PMP-28SW-VD	460-72174-25	03/10/2014 22:10	03/10/2014 22:10
PMP-28SW-SI	460-72174-27	03/10/2014 22:48	03/10/2014 22:48
PMP-9SW-VD	460-72174-34	03/11/2014 00:42	03/11/2014 00:42
PMP-9SW-SI	460-72174-36	03/11/2014 01:19	03/11/2014 01:19
PMP-10SW-SI	460-72174-38	03/11/2014 01:57	03/11/2014 01:57
PMP-28SW-WT	460-72174-26	03/11/2014 08:27	03/11/2014 08:27
PMP-7SW-VD	460-72174-31	03/11/2014 09:24	03/11/2014 09:24
PMP-7SW-SI	460-72174-33	03/11/2014 10:02	03/11/2014 10:02
PMP-9SW-WT	460-72174-35	03/11/2014 10:21	03/11/2014 10:21
PMP-10SW-WI	460-72174-37	03/11/2014 10:40	03/11/2014 10:40
PMP-13SW-WT	460-72174-22	03/11/2014 10:59	03/11/2014 10:59
PMP-24SW-WT	460-72174-29	03/11/2014 11:18	03/11/2014 11:18
PMP-24SW-SI	460-72174-30	03/11/2014 11:37	03/11/2014 11:37
PMP-7SW-WI	460-72174-32	03/11/2014 12:00	03/11/2014 12:00

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-14SW-VS Lab Sample ID: 460-72174-1

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 03/11/2014 00:54 Date Analyzed (2): 03/11/2014 00:54

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	2	3.12	3.06	3.20	169	91	8.8
		3	3.71	3.64	3.78	86.9		
		4	4.20	4.14	4.28	69.2		
		5	4.43	4.37	4.51	40.6		
	2	2	4.05	3.99	4.13	117	84	
		3	4.47	4.40	4.54	81.1		
		4	5.29	5.23	5.37	60.0		
		5	5.35	5.29	5.43	76.8		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-14SW-VS MS Lab Sample ID: 460-72174-1 MS

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 03/11/2014 00:20 Date Analyzed (2): 03/11/2014 00:20

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.34	2.28	2.42	349	413	12.4
		2	2.67	2.61	2.75	390		
		3	3.12	3.06	3.20	440		
		4	3.27	3.21	3.35	428		
		5	3.70	3.64	3.78	457		
	2	1	3.04	2.98	3.12	334	365	
		2	3.51	3.45	3.59	355		
		3	4.05	3.99	4.13	352		
		4	4.81	4.75	4.89	391		
		5	4.96	4.90	5.04	390		
Aroclor 1260	1	1	5.12	5.06	5.20	332	316	15.6
		2	6.27	6.22	6.36	306		
		3	6.75	6.70	6.84	305		
		4	7.24	7.19	7.33	331		
		5	8.61	8.56	8.70	305		
	2	1	6.49	6.44	6.58	345	369	
		2	6.83	6.78	6.92	355		
		3	8.37	8.33	8.47	380		
		4	8.93	8.87	9.01	385		
		5	10.13	10.07	10.21	381		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-14SW-VS MSD Lab Sample ID: 460-72174-1 MSD

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 03/11/2014 00:37 Date Analyzed (2): 03/11/2014 00:37

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.34	2.28	2.42	342	401	12.1
		2	2.67	2.61	2.75	371		
		3	3.12	3.06	3.20	438		
		4	3.27	3.21	3.35	403		
		5	3.70	3.64	3.78	452		
	2	1	3.04	2.98	3.12	333	355	
		2	3.51	3.45	3.59	342		
		3	4.05	3.99	4.13	348		
		4	4.81	4.75	4.89	379		
		5	4.97	4.90	5.04	374		
Aroclor 1260	1	1	5.12	5.06	5.20	327	295	15.1
		2	6.28	6.22	6.36	279		
		3	6.75	6.70	6.84	286		
		4	7.24	7.19	7.33	306		
		5	8.61	8.56	8.70	280		
	2	1	6.49	6.44	6.58	331	344	
		2	6.83	6.78	6.92	336		
		3	8.37	8.33	8.47	360		
		4	8.93	8.87	9.01	347		
		5	10.13	10.07	10.21	344		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-VS Lab Sample ID: 460-72174-2

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 03/11/2014 16:14 Date Analyzed (2): 03/11/2014 16:14

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	1	2.66	2.60	2.74	9560	5300	6.3
		2	3.12	3.06	3.20	7810		
		3	3.70	3.64	3.78	3890		
		4	4.20	4.14	4.28	2840		
		5	4.43	4.37	4.51	2180		
	2	1	3.52	3.44	3.58	9340	4900	
		2	4.06	3.99	4.13	7350		
		3	4.47	4.40	4.54	3230		
		4	5.30	5.23	5.37	2330		
		5	5.36	5.29	5.43	2420		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-VD Lab Sample ID: 460-72174-3

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 03/11/2014 01:27 Date Analyzed (2): 03/11/2014 01:27

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.28	2.42	55.5	94	8.1
		2	2.67	2.60	2.74	135		
		4	3.27	3.20	3.34	102		
		5	3.70	3.64	3.78	85.2		
	2	1	3.04	2.97	3.11	55.7	87	
		2	3.51	3.44	3.58	113		
		3	4.05	3.99	4.13	92.9		
		4	4.22	4.16	4.30	86.6		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-8SW-VS Lab Sample ID: 460-72174-5

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 03/11/2014 16:31 Date Analyzed (2): 03/11/2014 16:31

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	1	2.67	2.60	2.74	4410	4400	0.3
		3	3.70	3.64	3.78	5040		
		4	4.20	4.14	4.28	4550		
		5	4.43	4.37	4.51	3770		
	2	1	3.52	3.44	3.58	4560	4500	
		3	4.46	4.40	4.54	4940		
		4	5.29	5.23	5.37	3870		
		5	5.35	5.29	5.43	4460		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-4SW-VS Lab Sample ID: 460-72174-6

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 03/11/2014 16:47 Date Analyzed (2): 03/11/2014 16:47

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	1	2.67	2.60	2.74	6970	4800	3.0
		2	3.12	3.06	3.20	7070		
		3	3.70	3.64	3.78	4120		
		4	4.20	4.14	4.28	2900		
		5	4.43	4.37	4.51	2700		
	2	1	3.51	3.44	3.58	6140	4600	
		2	4.05	3.99	4.13	6320		
		3	4.46	4.40	4.54	3510		
		5	5.35	5.29	5.43	2480		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-4SW-VD Lab Sample ID: 460-72174-7

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 03/11/2014 02:33 Date Analyzed (2): 03/11/2014 02:33

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.28	2.42	71.7	73	13.6
		2	2.67	2.60	2.74	73.3		
		4	3.27	3.20	3.34	74.3		
		5	3.70	3.64	3.78	71.8		
	2	1	3.04	2.97	3.11	68.2	64	
		2	3.51	3.44	3.58	58.8		
		3	4.05	3.99	4.13	66.3		
		4	4.21	4.16	4.30	62.9		
		5	5.34	5.29	5.43	61.3		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-VS Lab Sample ID: 460-72174-8

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 03/11/2014 17:03 Date Analyzed (2): 03/11/2014 17:03

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	1	2.67	2.60	2.74	3030	2200	5.2
		3	3.70	3.64	3.78	2300		
		4	4.20	4.14	4.28	1810		
		5	4.43	4.37	4.51	1690		
	2	1	3.50	3.44	3.58	2970	2300	
		3	4.46	4.40	4.54	2200		
		5	5.34	5.29	5.43	1800		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-WT Lab Sample ID: 460-72174-11

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 03/11/2014 17:20 Date Analyzed (2): 03/11/2014 17:20

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.28	2.42	38200	43000	9.0
		2	2.67	2.60	2.74	39800		
		3	3.12	3.06	3.20	45000		
		4	3.27	3.20	3.34	47600		
		5	3.70	3.64	3.78	43800		
	2	1	3.04	2.97	3.11	45300	47000	
		2	3.51	3.44	3.58	44100		
		3	4.05	3.99	4.13	46300		
		4	4.22	4.16	4.30	45700		
		5	5.34	5.29	5.43	53200		
Aroclor 1260	1	1	5.12	5.06	5.20	12000	9700	9.1
		2	6.28	6.22	6.36	9700		
		3	6.75	6.70	6.84	9840		
		4	7.24	7.19	7.33	8740		
		5	8.61	8.56	8.70	8330		
	2	2	6.83	6.78	6.92	10000	8900	
		3	8.38	8.33	8.47	8430		
		4	8.93	8.87	9.01	8680		
		5	10.14	10.07	10.21	8440		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-SI Lab Sample ID: 460-72174-12

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 03/11/2014 17:36 Date Analyzed (2): 03/11/2014 17:36

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.28	2.42	20500	19000	13.1
		2	2.67	2.60	2.74	18200		
		3	3.12	3.06	3.20	19000		
		4	3.26	3.20	3.34	19900		
	2	1	3.03	2.97	3.11	25400	22000	
		2	3.50	3.44	3.58	21400		
		3	4.04	3.99	4.13	21500		
		4	4.21	4.16	4.30	20100		
		5	5.34	5.29	5.43	22100		
Aroclor 1260	1	1	5.12	5.06	5.20	4260	4200	8.8
		2	6.28	6.22	6.36	3990		
		3	6.75	6.70	6.84	4330		
		4	7.24	7.19	7.33	4690		
		5	8.61	8.56	8.70	3730		
	2	1	6.49	6.44	6.58	5730	3800	
		2	6.83	6.78	6.92	3490		
		3	8.37	8.33	8.47	3190		
		4	8.93	8.87	9.01	3580		
		5	10.14	10.07	10.21	3260		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-VD Lab Sample ID: 460-72174-13

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 03/11/2014 04:11 Date Analyzed (2): 03/11/2014 04:11

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.28	2.42	190	190	10.0
		2	2.67	2.60	2.74	182		
		3	3.12	3.06	3.20	210		
		4	3.27	3.20	3.34	203		
		5	3.70	3.64	3.78	155		
	2	1	3.04	2.97	3.11	166	170	
		2	3.51	3.44	3.58	176		
		3	4.05	3.99	4.13	172		
		4	4.22	4.16	4.30	181		
		5	5.35	5.29	5.43	156		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-WT Lab Sample ID: 460-72174-14

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 03/11/2014 17:53 Date Analyzed (2): 03/11/2014 17:53

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.28	2.42	27000	31000	0.8
		2	2.67	2.60	2.74	28900		
		3	3.12	3.06	3.20	33000		
		4	3.26	3.20	3.34	33800		
		5	3.70	3.64	3.78	32500		
	2	1	3.04	2.97	3.11	30300	31000	
		2	3.51	3.44	3.58	32200		
		3	4.05	3.99	4.13	32200		
		4	4.22	4.16	4.30	31800		
		5	5.34	5.29	5.43	30000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-SI Lab Sample ID: 460-72174-15

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 03/11/2014 18:09 Date Analyzed (2): 03/11/2014 18:09

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.28	2.42	11000	13000	1.2
		2	2.67	2.60	2.74	11700		
		3	3.12	3.06	3.20	13400		
		4	3.27	3.20	3.34	14300		
		5	3.70	3.64	3.78	13200		
	2	1	3.04	2.97	3.11	12500	13000	
		2	3.51	3.44	3.58	12900		
		3	4.05	3.99	4.13	13200		
		4	4.22	4.16	4.30	13000		
		5	5.35	5.29	5.43	12800		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-VD Lab Sample ID: 460-72174-16

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 03/11/2014 05:01 Date Analyzed (2): 03/11/2014 05:01

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.28	2.42	84.6	70	3.8
		2	2.66	2.60	2.74	55.0		
		4	3.26	3.20	3.34	77.8		
		5	3.70	3.64	3.78	64.3		
	2	1	3.04	2.97	3.11	64.2	68	
		2	3.51	3.44	3.58	51.6		
		3	4.05	3.99	4.13	76.8		
		4	4.22	4.16	4.30	78.7		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-WT Lab Sample ID: 460-72174-17

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 03/11/2014 18:26 Date Analyzed (2): 03/11/2014 18:26

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.28	2.42	23800	34000	3.0
		2	2.67	2.60	2.74	33400		
		3	3.12	3.06	3.20	37400		
		4	3.27	3.20	3.34	37700		
		5	3.70	3.64	3.78	36700		
	2	1	3.04	2.97	3.11	27200	33000	
		2	3.51	3.44	3.58	35700		
		3	4.05	3.99	4.13	34600		
		4	4.22	4.16	4.30	32400		
		5	5.34	5.29	5.43	34000		
Aroclor 1260	1	1	5.12	5.06	5.20	9140	7700	6.2
		2	6.28	6.22	6.36	7560		
		3	6.75	6.70	6.84	7560		
		4	7.24	7.19	7.33	6800		
		5	8.62	8.56	8.70	7670		
	2	2	6.83	6.78	6.92	6990	7300	
		3	8.38	8.33	8.47	6700		
		4	8.93	8.87	9.01	8160		
		5	10.14	10.07	10.21	7290		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-SI Lab Sample ID: 460-72174-18

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 03/11/2014 05:34 Date Analyzed (2): 03/11/2014 05:34

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.28	2.42	338	390	0.0
		2	2.67	2.60	2.74	398		
		3	3.12	3.06	3.20	434		
		4	3.27	3.20	3.34	406		
		5	3.70	3.64	3.78	371		
	2	1	3.03	2.97	3.11	350	390	
		2	3.50	3.44	3.58	385		
		3	4.04	3.99	4.13	392		
		4	4.21	4.16	4.30	402		
		5	5.34	5.29	5.43	419		
Aroclor 1260	1	1	5.12	5.06	5.20	71.8	64	4.2
		2	6.28	6.22	6.36	63.7		
		3	6.75	6.70	6.84	69.0		
		4	7.24	7.19	7.33	56.7		
		5	8.62	8.56	8.70	57.9		
	2	1	6.49	6.44	6.58	81.2	61	
		2	6.83	6.78	6.92	48.7		
		3	8.38	8.33	8.47	57.6		
		4	8.93	8.87	9.01	65.2		
		5	10.14	10.07	10.21	53.4		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-VS Lab Sample ID: 460-72174-19

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 03/11/2014 18:42 Date Analyzed (2): 03/11/2014 18:42

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.28	2.42	47400	45000	4.6
		2	2.67	2.60	2.74	47400		
		3	3.12	3.06	3.20	45700		
		4	3.27	3.20	3.34	45500		
		5	3.70	3.64	3.78	37200		
	2	1	3.04	2.97	3.11	48100	43000	
		2	3.51	3.44	3.58	44100		
		3	4.05	3.99	4.13	37900		
		4	4.22	4.16	4.30	40500		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-VD Lab Sample ID: 460-72174-20

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 03/11/2014 18:59 Date Analyzed (2): 03/11/2014 18:59

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.28	2.42	348000	350000	9.4
		2	2.67	2.60	2.74	390000		
		3	3.12	3.06	3.20	352000		
		4	3.27	3.20	3.34	351000		
		5	3.70	3.64	3.78	320000		
	2	1	3.04	2.97	3.11	340000	320000	
		2	3.51	3.44	3.58	348000		
		3	4.05	3.99	4.13	280000		
		4	4.22	4.16	4.30	314000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SD Lab Sample ID: 460-72174-21

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 03/10/2014 20:55 Date Analyzed (2): 03/10/2014 20:55

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.04	1.97	2.11	166	150	13.3
		2	2.47	2.40	2.54	124		
		3	3.06	3.00	3.14	180		
		4	3.25	3.19	3.33	136		
		5	3.95	3.88	4.02	121		
	2	1	3.06	3.00	3.14	133	130	
		2	3.79	3.72	3.86	116		
		3	4.62	4.56	4.70	156		
		4	4.87	4.81	4.95	119		
		5	6.42	6.35	6.49	111		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SD MS Lab Sample ID: 460-72174-21 MS

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 03/10/2014 19:20 Date Analyzed (2): 03/10/2014 19:20

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.03	1.96	2.10	501	524	3.8
		2	2.47	2.40	2.54	512		
		3	3.06	2.99	3.13	564		
		4	3.25	3.18	3.32	536		
		5	3.95	3.88	4.02	506		
	2	1	3.06	2.99	3.13	543	504	
		2	3.79	3.72	3.86	472		
		3	4.62	4.55	4.69	532		
		4	5.70	5.63	5.77	491		
		5	5.91	5.84	5.98	483		
Aroclor 1260	1	1	5.97	5.90	6.04	402	402	1.2
		2	7.49	7.42	7.56	384		
		3	8.12	8.05	8.19	405		
		4	8.76	8.69	8.83	399		
		5	10.06	9.99	10.13	417		
	2	1	7.96	7.89	8.03	426	397	
		2	8.43	8.35	8.49	384		
		3	10.08	10.01	10.15	395		
		4	10.39	10.32	10.46	389		
		5	11.20	11.13	11.27	391		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SD MSD Lab Sample ID: 460-72174-21 MSD

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 03/10/2014 19:39 Date Analyzed (2): 03/10/2014 19:39

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.04	1.96	2.10	468	487	4.3
		2	2.47	2.40	2.54	475		
		3	3.07	2.99	3.13	516		
		4	3.26	3.18	3.32	502		
		5	3.95	3.88	4.02	471		
	2	1	3.06	2.99	3.13	508	466	
		2	3.79	3.72	3.86	438		
		3	4.63	4.55	4.69	483		
		4	5.70	5.63	5.77	455		
		5	5.91	5.84	5.98	448		
Aroclor 1260	1	1	5.98	5.90	6.04	376	370	2.1
		2	7.49	7.42	7.56	363		
		3	8.13	8.05	8.19	363		
		4	8.76	8.69	8.83	366		
		5	10.06	9.99	10.13	382		
	2	1	7.96	7.89	8.03	405	378	
		2	8.43	8.35	8.49	367		
		3	10.08	10.01	10.15	376		
		4	10.39	10.32	10.46	370		
		5	11.20	11.13	11.27	372		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-WT Lab Sample ID: 460-72174-22

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 03/11/2014 10:59 Date Analyzed (2): 03/11/2014 10:59

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.04	1.97	2.11	139000	140000	4.7
		2	2.47	2.40	2.54	143000		
		3	3.07	3.00	3.14	144000		
		4	3.26	3.19	3.33	148000		
		5	3.96	3.88	4.02	142000		
	2	1	3.06	3.00	3.14	131000	150000	
		2	3.79	3.72	3.86	149000		
		3	4.63	4.56	4.70	161000		
		4	4.88	4.81	4.95	153000		
		5	6.42	6.35	6.49	157000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-SI Lab Sample ID: 460-72174-23

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 03/10/2014 21:33 Date Analyzed (2): 03/10/2014 21:33

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.04	1.97	2.11	173	210	8.8
		2	2.47	2.40	2.54	189		
		3	3.06	3.00	3.14	323		
		4	3.26	3.19	3.33	212		
		5	3.96	3.88	4.02	158		
	2	1	3.06	3.00	3.14	202	230	
		2	3.79	3.72	3.86	178		
		3	4.63	4.56	4.70	334		
		4	4.88	4.81	4.95	263		
		5	6.42	6.35	6.49	174		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-SD Lab Sample ID: 460-72174-24

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 03/10/2014 21:51 Date Analyzed (2): 03/10/2014 21:51

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.04	1.97	2.11	143	140	6.5
		2	2.47	2.40	2.54	131		
		3	3.06	3.00	3.14	162		
		4	3.25	3.19	3.33	118		
		5	3.95	3.88	4.02	125		
	2	1	3.06	3.00	3.14	123	130	
		2	3.79	3.72	3.86	115		
		3	4.63	4.56	4.70	152		
		4	4.87	4.81	4.95	122		
		5	6.42	6.35	6.49	123		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-VD Lab Sample ID: 460-72174-25

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 03/10/2014 22:10 Date Analyzed (2): 03/10/2014 22:10

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.04	1.97	2.11	74.1	78	5.6
		2	2.47	2.40	2.54	56.3		
		3	3.06	3.00	3.14	91.1		
		4	3.25	3.19	3.33	71.1		
		5	3.95	3.88	4.02	94.8		
	2	1	3.06	3.00	3.14	56.5	73	
		2	3.79	3.72	3.86	54.1		
		3	4.62	4.56	4.70	72.2		
		4	4.87	4.81	4.95	73.6		
		5	6.42	6.35	6.49	110		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-WT Lab Sample ID: 460-72174-26

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 03/11/2014 08:27 Date Analyzed (2): 03/11/2014 08:27

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.04	1.97	2.11	16800	31000	5.8
		2	2.47	2.40	2.54	36000		
		3	3.07	3.00	3.14	34900		
		4	3.26	3.19	3.33	30500		
		5	3.95	3.88	4.02	35500		
	2	1	3.07	3.00	3.14	15000	33000	
		2	3.79	3.72	3.86	37400		
		3	4.63	4.56	4.70	38000		
		4	4.88	4.81	4.95	32400		
		5	6.42	6.35	6.49	40000		
Aroclor 1260	1	1	5.97	5.90	6.04	5270	5000	0.2
		2	7.49	7.42	7.56	4910		
		3	8.13	8.05	8.19	5040		
		4	8.76	8.69	8.83	4980		
		5	10.06	9.99	10.13	5000		
	2	2	8.44	8.35	8.49	5430	5000	
		3	10.08	10.01	10.15	4930		
		4	10.39	10.32	10.46	4860		
		5	11.21	11.13	11.27	4910		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-SI Lab Sample ID: 460-72174-27

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 03/10/2014 22:48 Date Analyzed (2): 03/10/2014 22:48

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.04	1.97	2.11	91.6	120	1.7
		2	2.47	2.40	2.54	109		
		3	3.07	3.00	3.14	166		
		4	3.26	3.19	3.33	111		
		5	3.95	3.88	4.02	101		
	2	1	3.07	3.00	3.14	81.8	120	
		2	3.79	3.72	3.86	115		
		3	4.63	4.56	4.70	155		
		4	4.87	4.81	4.95	123		
		5	6.42	6.35	6.49	113		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-WT Lab Sample ID: 460-72174-29

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 03/11/2014 11:18 Date Analyzed (2): 03/11/2014 11:18

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.03	1.97	2.11	1440000	1400000	4.4
		2	2.47	2.40	2.54	1470000		
		3	3.07	3.00	3.14	1400000		
		4	3.26	3.19	3.33	1470000		
		5	3.95	3.88	4.02	1280000		
	2	1	3.06	3.00	3.14	1390000	1500000	
		2	3.79	3.72	3.86	1400000		
		3	4.63	4.56	4.70	1500000		
		4	4.87	4.81	4.95	1600000		
		5	6.42	6.35	6.49	1480000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-SI Lab Sample ID: 460-72174-30

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 03/11/2014 11:37 Date Analyzed (2): 03/11/2014 11:37

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.04	1.97	2.11	927000	960000	6.2
		2	2.47	2.40	2.54	977000		
		3	3.07	3.00	3.14	957000		
		4	3.26	3.19	3.33	980000		
		5	3.95	3.88	4.02	943000		
	2	1	3.06	3.00	3.14	934000	1000000	
		2	3.79	3.72	3.86	1040000		
		3	4.63	4.56	4.70	1040000		
		4	4.88	4.81	4.95	1050000		
		5	6.42	6.35	6.49	1030000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-VD Lab Sample ID: 460-72174-31

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 03/11/2014 09:24 Date Analyzed (2): 03/11/2014 09:24

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.04	1.97	2.11	2360	3600	5.2
		2	2.47	2.40	2.54	3090		
		3	3.07	3.00	3.14	4750		
		4	3.26	3.19	3.33	2880		
		5	3.95	3.88	4.02	4960		
	2	1	3.06	3.00	3.14	2030	3800	
		2	3.79	3.72	3.86	2950		
		3	4.63	4.56	4.70	5150		
		4	4.87	4.81	4.95	3140		
		5	6.42	6.35	6.49	5730		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-WI Lab Sample ID: 460-72174-32

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 03/11/2014 12:00 Date Analyzed (2): 03/11/2014 12:00

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.03	1.97	2.11	206000	210000	9.8
		2	2.47	2.40	2.54	209000		
		3	3.07	3.00	3.14	210000		
		4	3.26	3.19	3.33	214000		
		5	3.95	3.88	4.02	199000		
	2	1	3.07	3.00	3.14	220000	230000	
		2	3.80	3.72	3.86	212000		
		3	4.63	4.56	4.70	237000		
		4	4.88	4.81	4.95	235000		
		5	6.43	6.35	6.49	241000		
Aroclor 1260	1	1	5.97	5.90	6.04	21900	17000	0.6
		2	7.49	7.42	7.56	17000		
		3	8.13	8.05	8.19	16300		
		4	8.77	8.69	8.83	16400		
		5	10.06	9.99	10.13	14800		
	2	2	8.44	8.35	8.49	20100	17000	
		3	10.08	10.01	10.15	17700		
		4	10.40	10.32	10.46	15900		
		5	11.20	11.13	11.27	15800		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-SI Lab Sample ID: 460-72174-33

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 03/11/2014 10:02 Date Analyzed (2): 03/11/2014 10:02

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.03	1.97	2.11	49000	49000	9.4
		2	2.47	2.40	2.54	49100		
		3	3.07	3.00	3.14	49200		
		4	3.26	3.19	3.33	50300		
		5	3.96	3.88	4.02	47700		
	2	1	3.06	3.00	3.14	51300	54000	
		2	3.79	3.72	3.86	53100		
		3	4.63	4.56	4.70	55000		
		4	4.87	4.81	4.95	55500		
		5	6.42	6.35	6.49	54400		
Aroclor 1260	1	1	5.97	5.90	6.04	4810	3800	6.8
		2	7.49	7.42	7.56	3790		
		3	8.13	8.05	8.19	3900		
		4	8.76	8.69	8.83	3220		
		5	10.06	9.99	10.13	3260		
	2	2	8.43	8.35	8.49	4520	4100	
		3	10.08	10.01	10.15	3990		
		4	10.39	10.32	10.46	3500		
		5	11.20	11.13	11.27	4240		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-VD Lab Sample ID: 460-72174-34

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 03/11/2014 00:42 Date Analyzed (2): 03/11/2014 00:42

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.04	1.97	2.11	674	710	12.4
		2	2.47	2.40	2.54	697		
		3	3.07	3.00	3.14	747		
		4	3.25	3.19	3.33	743		
		5	3.95	3.88	4.02	665		
	2	1	3.06	3.00	3.14	757	800	
		2	3.79	3.72	3.86	709		
		3	4.63	4.56	4.70	839		
		4	4.87	4.81	4.95	883		
		5	6.42	6.35	6.49	803		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-WT Lab Sample ID: 460-72174-35

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 03/11/2014 10:21 Date Analyzed (2): 03/11/2014 10:21

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.03	1.97	2.11	98300	100000	6.4
		2	2.47	2.40	2.54	106000		
		3	3.06	3.00	3.14	104000		
		4	3.25	3.19	3.33	108000		
		5	3.95	3.88	4.02	103000		
	2	1	3.06	3.00	3.14	108000	110000	
		2	3.79	3.72	3.86	105000		
		3	4.63	4.56	4.70	115000		
		4	4.87	4.81	4.95	114000		
		5	6.42	6.35	6.49	113000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-SI Lab Sample ID: 460-72174-36

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 03/11/2014 01:19 Date Analyzed (2): 03/11/2014 01:19

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.03	1.97	2.11	864	880	8.7
		2	2.47	2.40	2.54	889		
		3	3.06	3.00	3.14	933		
		4	3.25	3.19	3.33	928		
		5	3.95	3.88	4.02	765		
	2	1	3.06	3.00	3.14	986	960	
		2	3.79	3.72	3.86	829		
		3	4.63	4.56	4.70	1020		
		4	4.87	4.81	4.95	990		
		5	6.42	6.35	6.49	955		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-WI Lab Sample ID: 460-72174-37

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 03/11/2014 10:40 Date Analyzed (2): 03/11/2014 10:40

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.03	1.97	2.11	1630	1900	6.0
		2	2.47	2.40	2.54	2190		
		3	3.06	3.00	3.14	1860		
		4	3.26	3.19	3.33	1240		
		5	3.95	3.88	4.02	2450		
	2	1	3.06	3.00	3.14	608	2000	
		2	3.79	3.72	3.86	2530		
		3	4.62	4.56	4.70	2310		
		4	4.87	4.81	4.95	1450		
		5	6.42	6.35	6.49	3050		
Aroclor 1260	1	1	5.97	5.90	6.04	401	370	1.0
		2	7.49	7.42	7.56	336		
		3	8.12	8.05	8.19	361		
		4	8.76	8.69	8.83	419		
		5	10.06	9.99	10.13	354		
	2	2	8.43	8.35	8.49	414	380	
		3	10.08	10.01	10.15	376		
		4	10.39	10.32	10.46	368		
		5	11.20	11.13	11.27	354		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SI Lab Sample ID: 460-72174-38

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 03/11/2014 01:57 Date Analyzed (2): 03/11/2014 01:57

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.04	1.97	2.11	445	460	7.3
		2	2.47	2.40	2.54	462		
		3	3.06	3.00	3.14	474		
		4	3.26	3.19	3.33	486		
		5	3.95	3.88	4.02	447		
	2	1	3.06	3.00	3.14	485	500	
		2	3.79	3.72	3.86	475		
		3	4.63	4.56	4.70	510		
		4	4.88	4.81	4.95	530		
		5	6.42	6.35	6.49	491		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-211482/2-A

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 03/11/2014 03:51 Date Analyzed (2): 03/11/2014 03:51

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.03	1.96	2.10	5.42	5.81	0.1
		2	2.47	2.40	2.54	5.62		
		3	3.06	2.99	3.13	5.81		
		4	3.25	3.18	3.32	5.92		
		5	3.95	3.88	4.02	6.28		
	2	1	3.06	2.99	3.13	5.33	5.81	
		2	3.79	3.72	3.86	5.95		
		3	4.62	4.55	4.69	5.76		
		4	5.70	5.63	5.77	6.00		
		5	5.91	5.84	5.98	6.02		
Aroclor 1260	1	1	5.97	5.90	6.04	6.04	5.89	3.2
		2	7.49	7.42	7.56	5.62		
		3	8.12	8.05	8.19	5.90		
		4	8.76	8.69	8.83	5.76		
		5	10.06	9.99	10.13	6.13		
	2	1	7.96	7.89	8.03	6.02	6.08	
		2	8.43	8.35	8.49	5.91		
		3	10.08	10.01	10.15	6.19		
		4	10.39	10.32	10.46	6.09		
		5	11.20	11.13	11.27	6.20		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-211482/3-A

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 03/11/2014 04:10 Date Analyzed (2): 03/11/2014 04:10

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.03	1.96	2.10	5.11	5.38	5.5
		2	2.47	2.40	2.54	5.40		
		3	3.06	2.99	3.13	5.31		
		4	3.25	3.18	3.32	5.25		
		5	3.95	3.88	4.02	5.83		
	2	1	3.06	2.99	3.13	5.63	5.69	
		2	3.79	3.72	3.86	5.50		
		3	4.62	4.55	4.69	5.55		
		4	5.70	5.63	5.77	5.84		
		5	5.91	5.84	5.98	5.90		
Aroclor 1260	1	1	5.97	5.90	6.04	5.71	5.76	0.9
		2	7.49	7.42	7.56	5.59		
		3	8.12	8.05	8.19	5.86		
		4	8.76	8.69	8.83	5.58		
		5	10.06	9.99	10.13	6.04		
	2	1	7.96	7.89	8.03	5.80	5.80	
		2	8.43	8.35	8.49	5.61		
		3	10.08	10.01	10.15	5.89		
		4	10.39	10.32	10.46	5.86		
		5	11.20	11.13	11.27	5.87		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-211556/2-A

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 03/11/2014 00:04 Date Analyzed (2): 03/11/2014 00:04

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.34	2.28	2.42	346	367	6.2
		2	2.67	2.61	2.75	372		
		3	3.12	3.06	3.20	378		
		4	3.26	3.21	3.35	357		
		5	3.70	3.64	3.78	379		
	2	1	3.03	2.98	3.12	321	345	
		2	3.50	3.45	3.59	355		
		3	4.04	3.99	4.13	297		
		4	4.80	4.75	4.89	355		
		5	4.96	4.90	5.04	396		
Aroclor 1260	1	1	5.12	5.06	5.20	349	324	0.4
		2	6.28	6.22	6.36	321		
		3	6.75	6.70	6.84	345		
		4	7.24	7.19	7.33	242		
		5	8.62	8.56	8.70	361		
	2	1	6.49	6.44	6.58	343	325	
		2	6.83	6.78	6.92	318		
		3	8.38	8.33	8.47	271		
		4	8.93	8.87	9.01	372		
		5	10.14	10.07	10.21	321		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-211557/2-A

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 03/10/2014 19:01 Date Analyzed (2): 03/10/2014 19:01

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.03	1.96	2.10	366	361	4.9
		2	2.47	2.40	2.54	365		
		3	3.06	2.99	3.13	362		
		4	3.26	3.18	3.32	359		
		5	3.96	3.88	4.02	352		
	2	1	3.06	2.99	3.13	369	343	
		2	3.79	3.72	3.86	327		
		3	4.63	4.55	4.69	336		
		4	5.70	5.63	5.77	349		
		5	5.91	5.84	5.98	336		
Aroclor 1260	1	1	5.97	5.90	6.04	352	354	1.2
		2	7.49	7.42	7.56	338		
		3	8.12	8.05	8.19	356		
		4	8.77	8.69	8.83	350		
		5	10.06	9.99	10.13	375		
	2	1	7.96	7.89	8.03	365	350	
		2	8.43	8.35	8.49	341		
		3	10.08	10.01	10.15	352		
		4	10.39	10.32	10.46	345		
		5	11.20	11.13	11.27	346		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-14SW-VS Lab Sample ID: 460-72174-1

Matrix: Solid Lab File ID: OR214314.D

Analysis Method: 8082 Date Collected: 03/06/2014 09:15

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.00(g) Date Analyzed: 03/11/2014 00:54

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214314.D
Lims ID: 460-72174-F-1-C Lab Sample ID: 460-72174-1
Client ID: PMP-14SW-VS
Sample Type: Client
Inject. Date: 11-Mar-2014 00:54:30 ALS Bottle#: 62 Worklist Smp#: 62
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010655-062
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 15:41:47 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:36:53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.513	2.517	-0.004	422168	49.8	
2	2.050	2.055	-0.005	388787	38.2	
					RPD = 26.46	
3 PCB-1248						M
1	0.0	3.513	-3.513	0	0	
1	4.053	4.055	-0.002	48006	164.8	M
1	4.465	4.473	-0.008	18656	114.3	M
1	5.293	5.298	-0.005	14029	84.6	M
1	5.347	5.355	-0.008	37908	108.3	M
		Average of Peak Amounts =			118.0	
2	0.0	2.673	-2.673	0	0	
2	3.115	3.128	-0.013	108108	238.2	
2	3.705	3.712	-0.007	46038	122.5	M
2	4.198	4.207	-0.009	66700	97.5	M
2	4.428	4.440	-0.012	30264	57.2	M
		Average of Peak Amounts =			128.9	
					RPD = 8.82	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.647	10.655	-0.008	285915	53.4	
2	9.368	9.387	-0.019	335755	40.3	
					RPD = 28.11	
S 7 Polychlorinated biphenyls, Total						
1					118.0	

QC Flag Legend

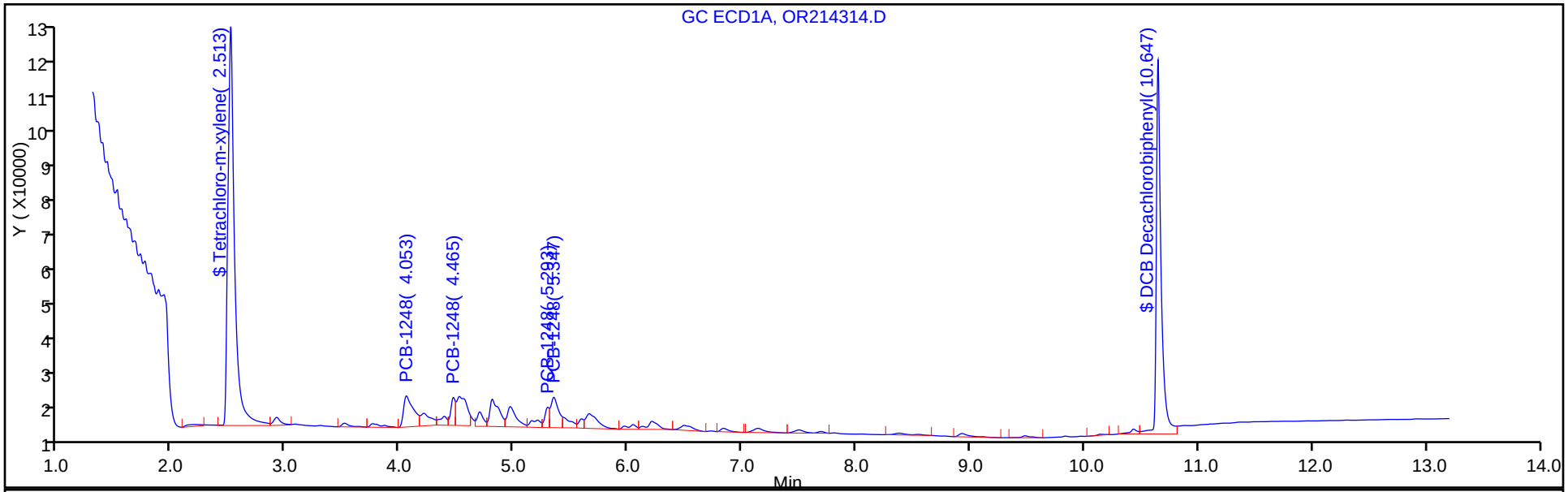
Review Flags
M - Manually Integrated

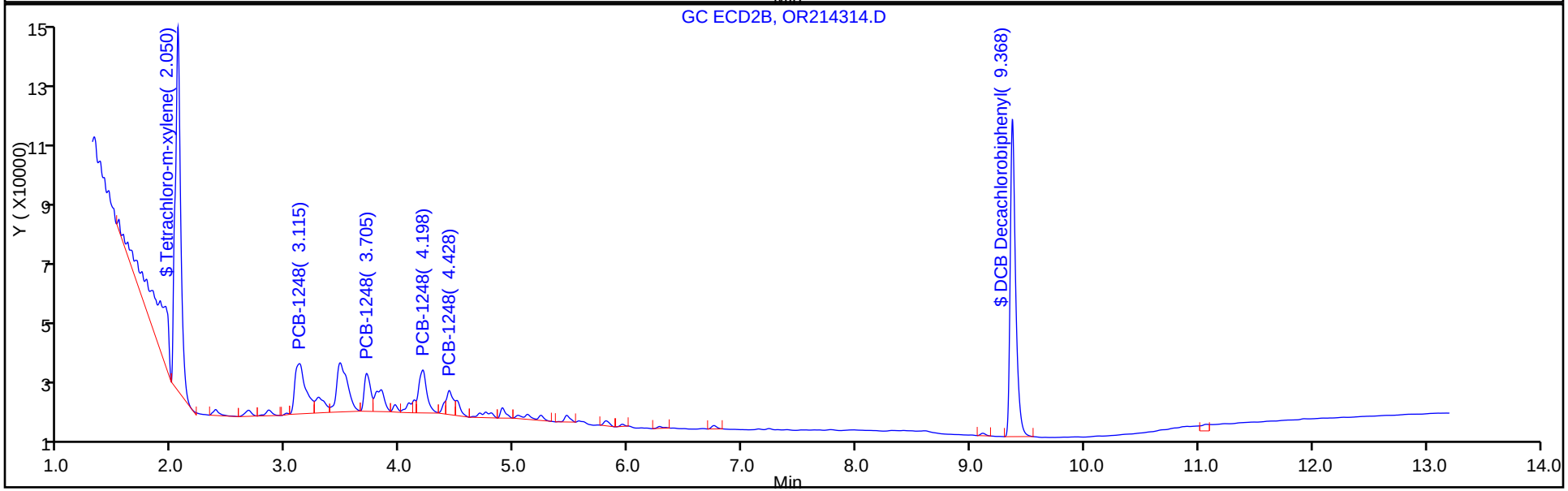
Report Date: 11-Mar-2014 15:42:05 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214314.D

Injection Date:	11-Mar-2014 00:54:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-1-C	Lab Sample ID:	460-72174-1	Worklist Smp#:	62
Client ID:	PMP-14SW-VS				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	62
Method:	8082GC7	Limit Group:	GC 8082 PCB		





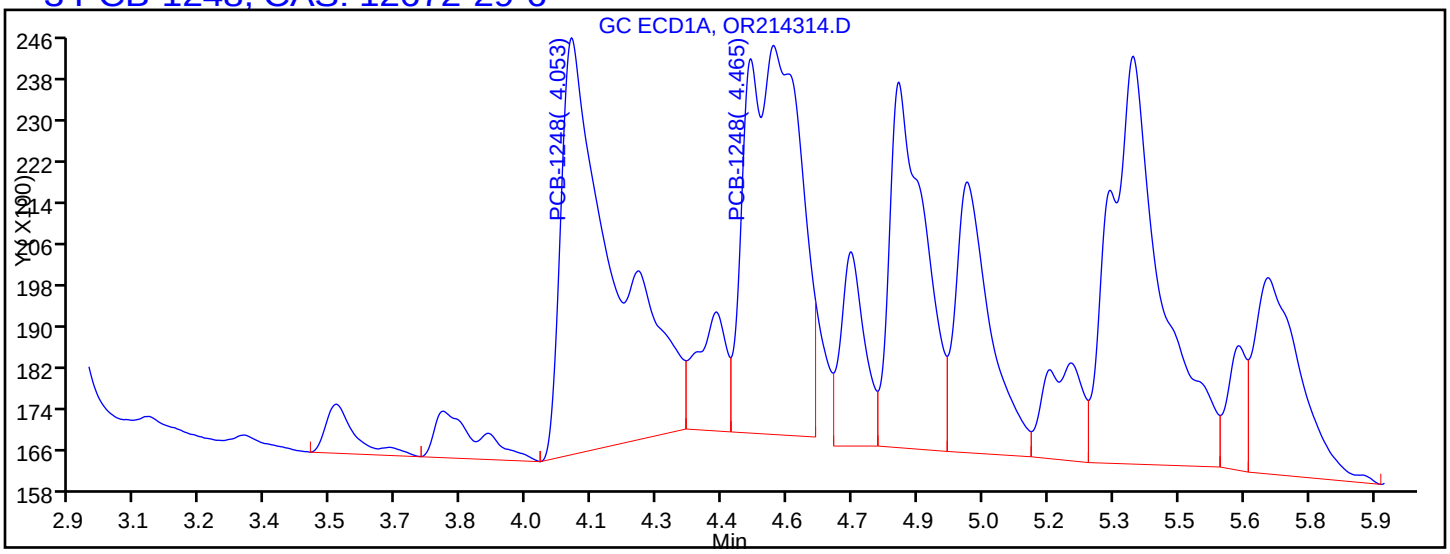
Report Date: 11-Mar-2014 15:42:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214314.D

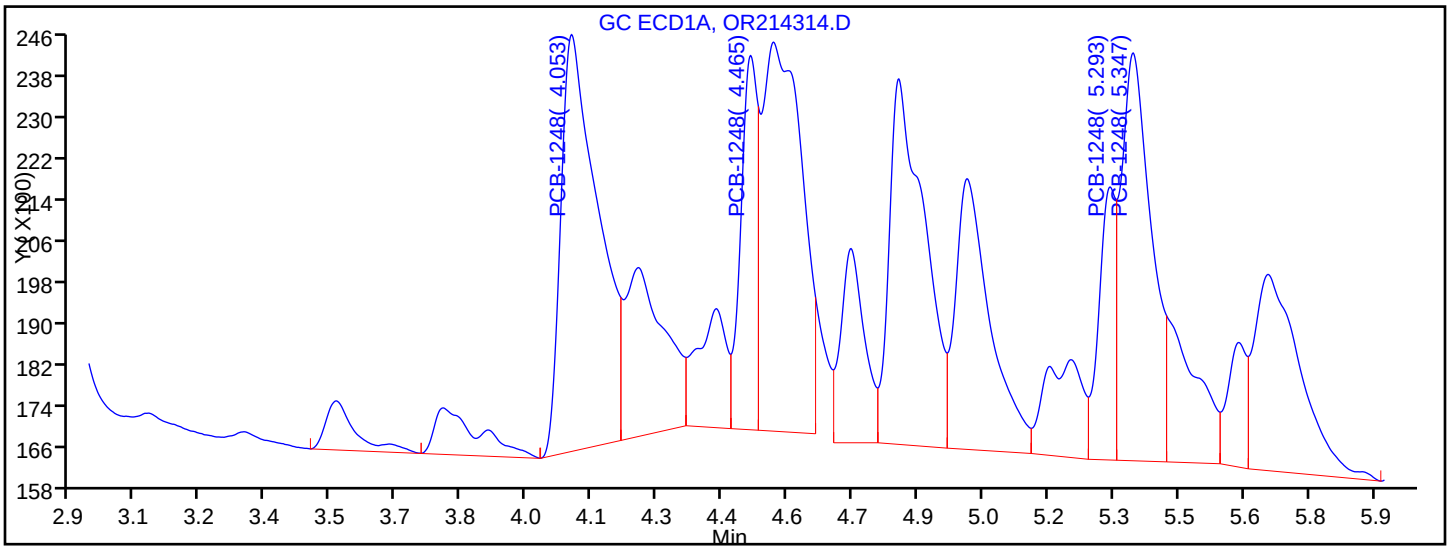
Injection Date:	11-Mar-2014 00:54:30	Instrument ID:	CPESTGC7
Lims ID:	460-72174-F-1-C	Lab Sample ID:	460-72174-1
Client ID:	PMP-14SW-VS		
Operator ID:		ALS Bottle#:	62 Worklist Smp#: 62
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082GC7	Limit Group:	GC 8082 PCB
Column:		Detector	GC ECD1A

3 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 3.512	Response = 4508	
RT = 4.053	Response = 68984	M
RT = 4.465	Response = 66553	M
RT = 5.355	Response = 0	M
RT = 5.347	Response = 65463	M



Manual Integration Results

RT = 0.000	Response = 0	
RT = 4.053	Response = 48006	M
RT = 4.465	Response = 18656	M
RT = 5.293	Response = 14029	M
RT = 5.347	Response = 37908	M

Reviewer: patelji, 11-Mar-2014 12:36:53

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-14SW-VS | Lab Sample ID: 460-72174-1

Matrix: Solid | Lab File ID: OR214314.D

Analysis Method: 8082 | Date Collected: 03/06/2014 09:15

Extraction Method: 3546 | Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.00(g) | Date Analyzed: 03/11/2014 00:54

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	71	16
11104-28-2	Aroclor 1221	16	U	71	16
11141-16-5	Aroclor 1232	16	U	71	16
53469-21-9	Aroclor 1242	16	U	71	16
12672-29-6	Aroclor 1248	91		71	16
11097-69-1	Aroclor 1254	20	U	71	20
11096-82-5	Aroclor 1260	20	U	71	20
37324-23-5	Aroclor 1262	20	U	71	20
11100-14-4	Aroclor 1268	20	U	71	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	81		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214314.D
Lims ID: 460-72174-F-1-C Lab Sample ID: 460-72174-1
Client ID: PMP-14SW-VS
Sample Type: Client
Inject. Date: 11-Mar-2014 00:54:30 ALS Bottle#: 62 Worklist Smp#: 62
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010655-062
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 15:41:47 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:36:53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.513	2.517	-0.004	422168	49.8	
2	2.050	2.055	-0.005	388787	38.2	
					RPD = 26.46	
3 PCB-1248						M
1	0.0	3.513	-3.513	0	0	
1	4.053	4.055	-0.002	48006	164.8	M
1	4.465	4.473	-0.008	18656	114.3	M
1	5.293	5.298	-0.005	14029	84.6	M
1	5.347	5.355	-0.008	37908	108.3	M
		Average of Peak Amounts =			118.0	
2	0.0	2.673	-2.673	0	0	
2	3.115	3.128	-0.013	108108	238.2	
2	3.705	3.712	-0.007	46038	122.5	M
2	4.198	4.207	-0.009	66700	97.5	M
2	4.428	4.440	-0.012	30264	57.2	M
		Average of Peak Amounts =			128.9	
					RPD = 8.82	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.647	10.655	-0.008	285915	53.4	
2	9.368	9.387	-0.019	335755	40.3	
					RPD = 28.11	
S 7 Polychlorinated biphenyls, Total						
1					118.0	

QC Flag Legend

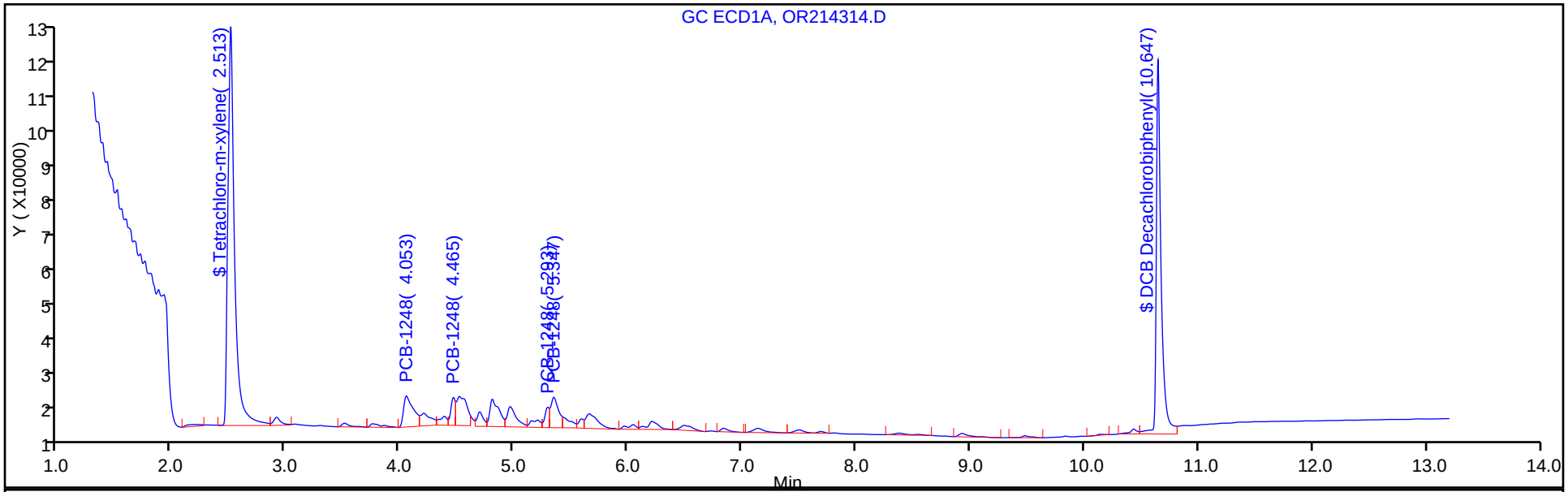
Review Flags
M - Manually Integrated

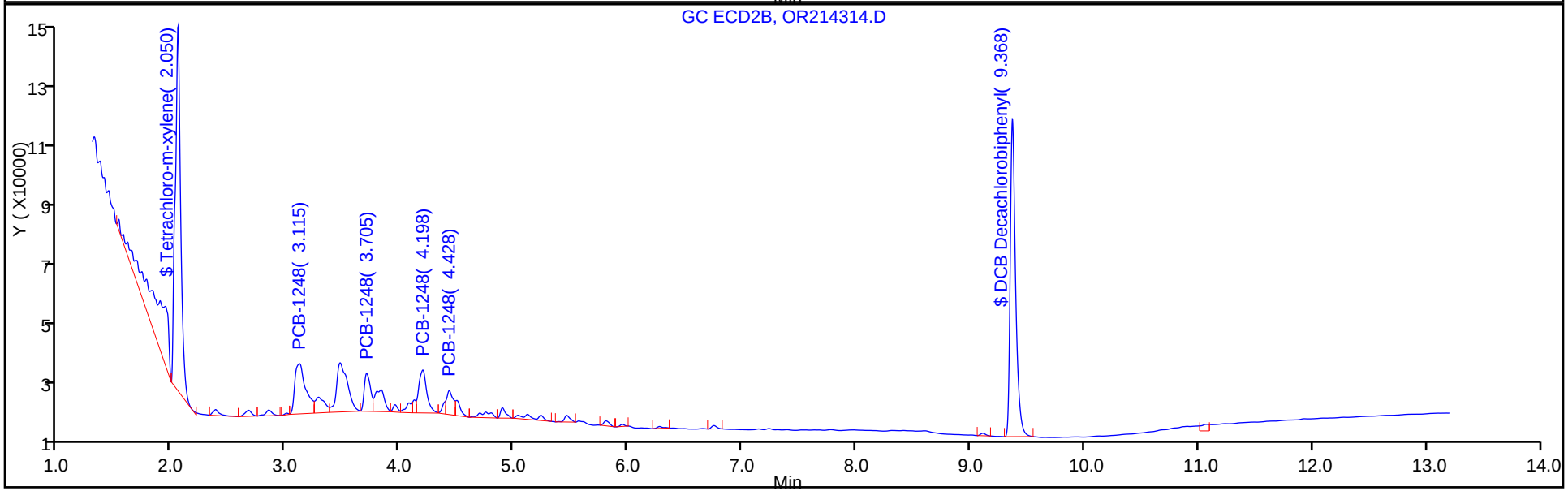
Report Date: 11-Mar-2014 15:42:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214314.D

Injection Date:	11-Mar-2014 00:54:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-1-C	Lab Sample ID:	460-72174-1	Worklist Smp#:	62
Client ID:	PMP-14SW-VS				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	62
Method:	8082GC7	Limit Group:	GC 8082 PCB		





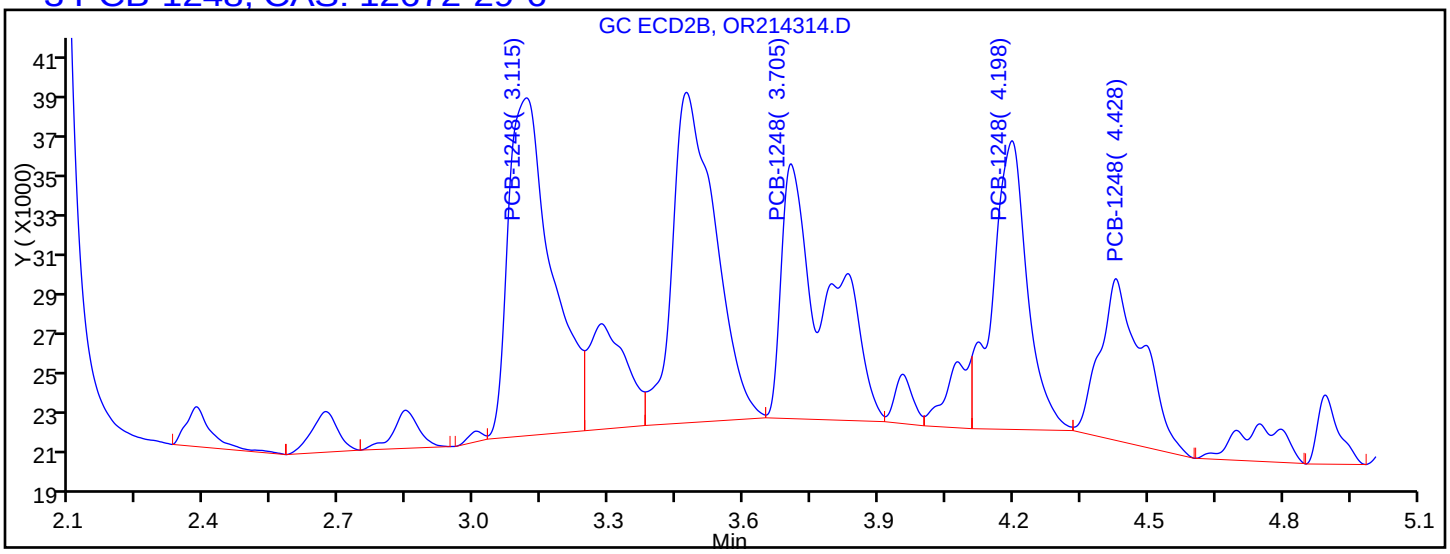
Report Date: 11-Mar-2014 15:42:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214314.D

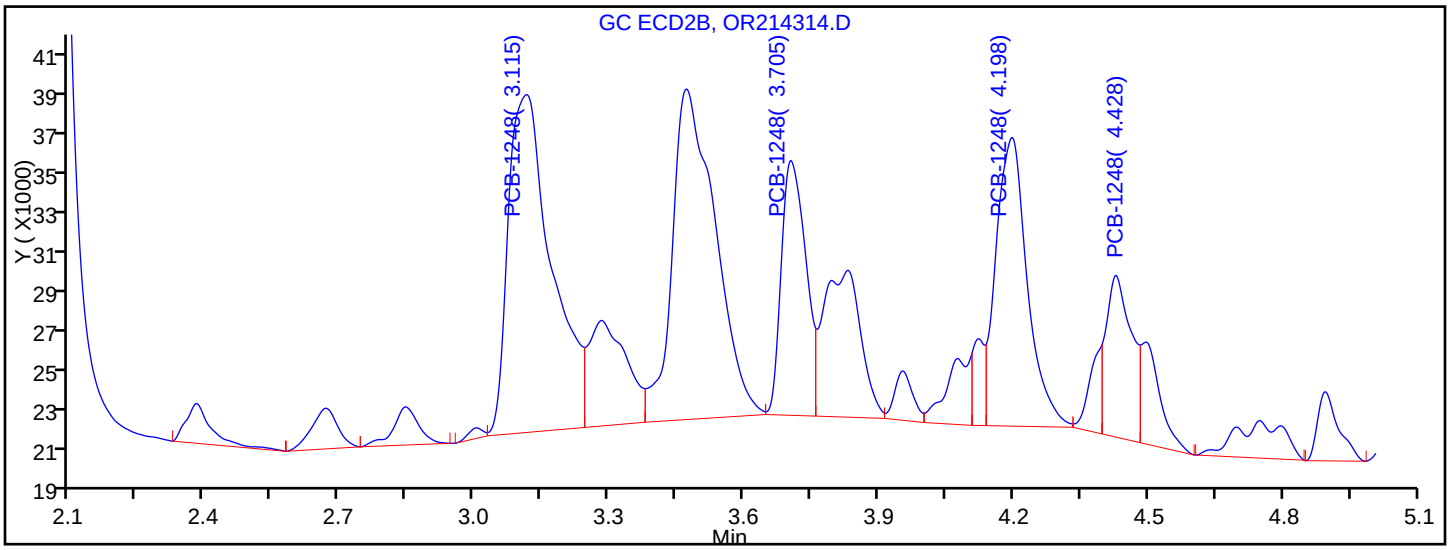
Injection Date:	11-Mar-2014 00:54:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-1-C	Lab Sample ID:	460-72174-1		
Client ID:	PMP-14SW-VS				
Operator ID:		ALS Bottle#:	62	Worklist Smp#:	62
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

3 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 2.668	Response = 7817	
RT = 3.115	Response = 108108	
RT = 3.705	Response = 86500	M
RT = 4.198	Response = 74162	M
RT = 4.428	Response = 52431	M



Manual Integration Results

RT = 0.000	Response = 0	
RT = 3.115	Response = 108108	
RT = 3.705	Response = 46038	M
RT = 4.198	Response = 66700	M
RT = 4.428	Response = 30264	M

Reviewer: patelji, 11-Mar-2014 12:36:53

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-VS Lab Sample ID: 460-72174-2

Matrix: Solid Lab File ID: OR214366.D

Analysis Method: 8082 Date Collected: 03/06/2014 09:35

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.03(g) Date Analyzed: 03/11/2014 16:14

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212118 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214366.D
Lims ID: 460-72174-F-2-A Lab Sample ID: 460-72174-2
Client ID: PMP-23SW-VS
Sample Type: Client
Inject. Date: 11-Mar-2014 16:14:30 ALS Bottle#: 31 Worklist Smp#: 31
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0010709-031
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 12-Mar-2014 11:26:30 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 09:01:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
3 PCB-1248						M
1	3.517	3.513	0.004	195191	1348.2	M
1	4.057	4.055	0.002	308926	1060.3	M
1	4.473	4.473	0.0	76053	466.1	M
1	5.302	5.298	0.004	55775	336.4	M
1	5.357	5.355	0.002	122375	349.6	M
		Average of Peak Amounts =			712.1	
2	2.663	2.673	-0.010	249979	1380.0	
2	3.115	3.128	-0.013	511733	1127.6	M
2	3.700	3.712	-0.012	210779	561.1	M
2	4.195	4.207	-0.012	280471	410.2	M
2	4.425	4.440	-0.015	166276	314.5	M
		Average of Peak Amounts =			758.7	
					RPD = 6.33	

QC Flag Legend

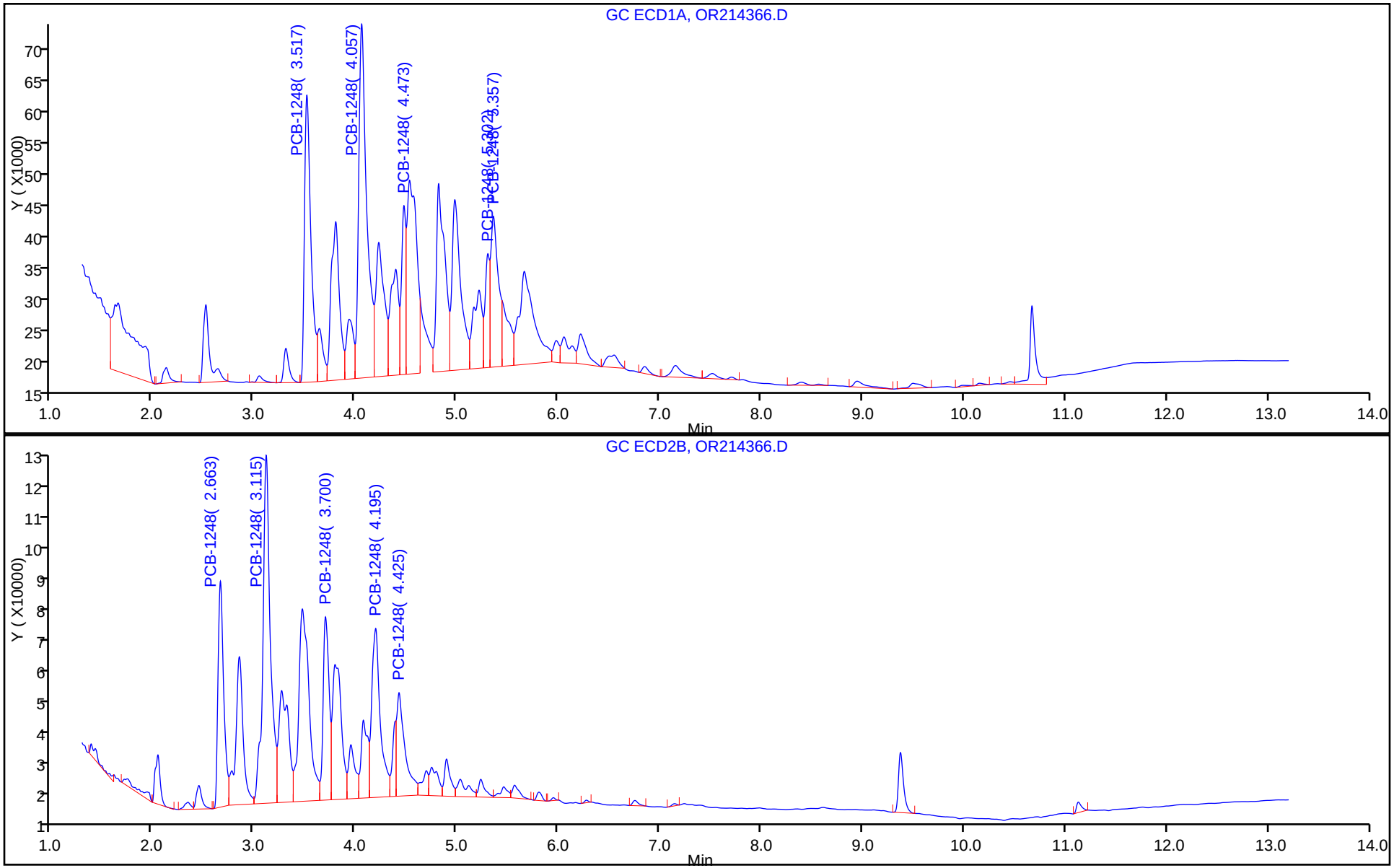
Review Flags
M - Manually Integrated

Report Date: 12-Mar-2014 11:26:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214366.D

Injection Date:	11-Mar-2014 16:14:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-2-A	Lab Sample ID:	460-72174-2	Worklist Smp#:	31
Client ID:	PMP-23SW-VS				
Injection Vol:	1.0 ul	Dil. Factor:	10.0000	ALS Bottle#:	31
Method:	8082GC7	Limit Group:	GC 8082 PCB		



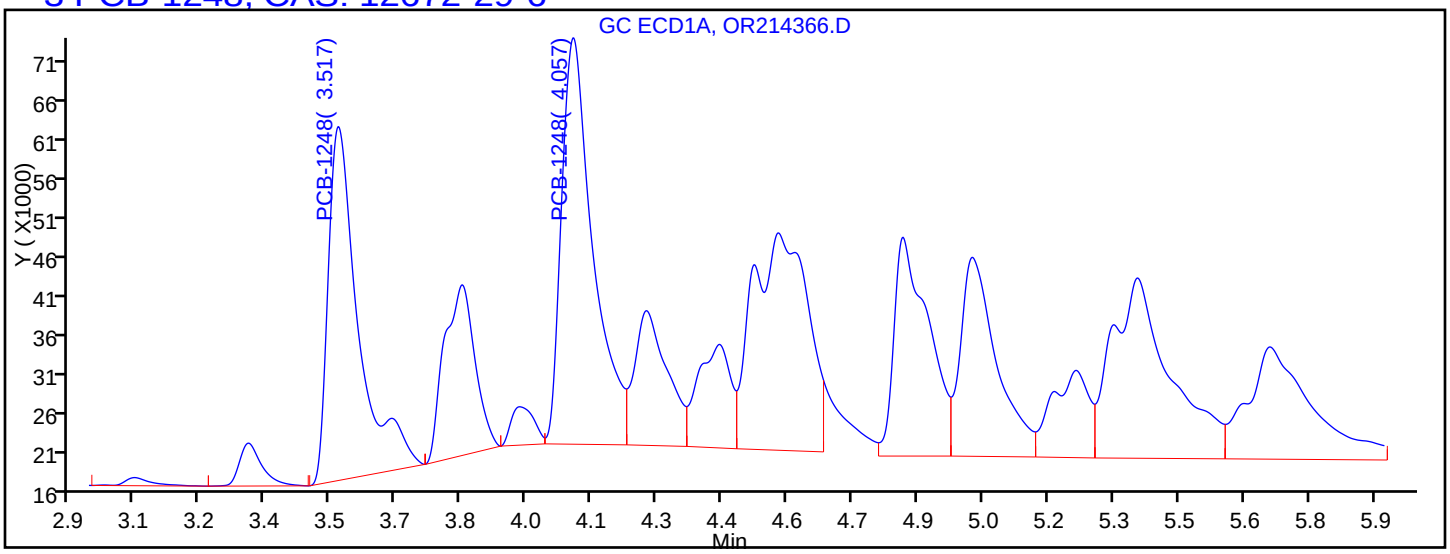
Report Date: 12-Mar-2014 11:26:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214366.D

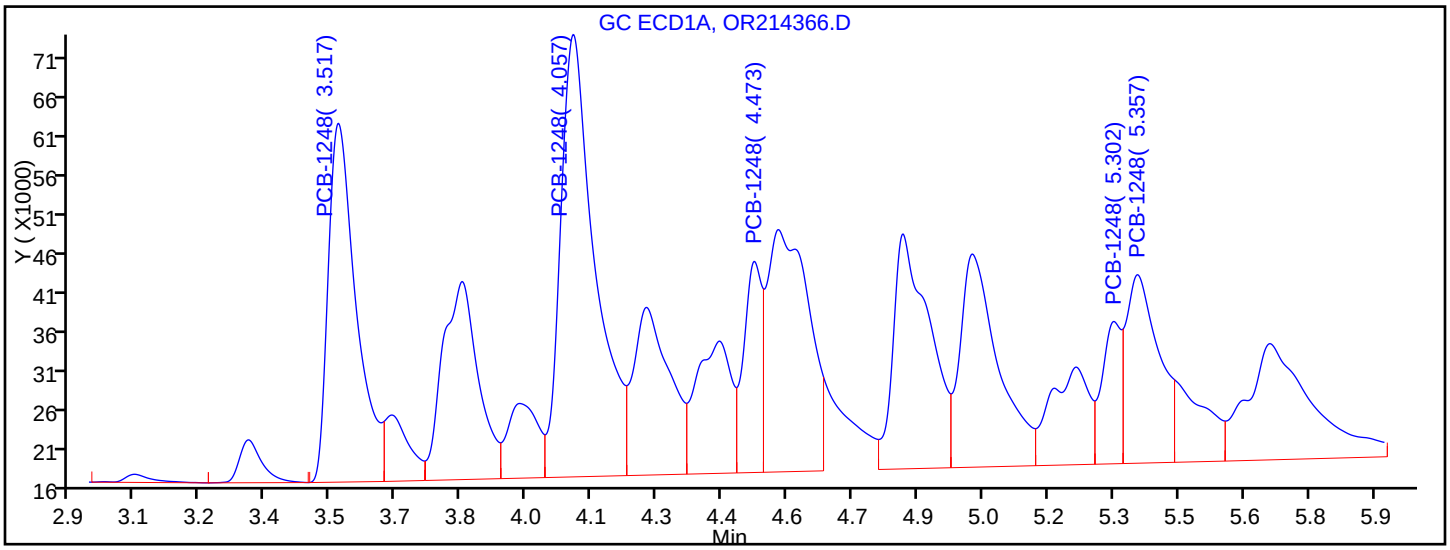
Injection Date:	11-Mar-2014 16:14:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-2-A	Lab Sample ID:	460-72174-2		
Client ID:	PMP-23SW-VS				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD1A		

3 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 3.517	Response = 215188	M
RT = 4.057	Response = 258539	M
RT = 4.513	Response = 239921	M
RT = 5.355	Response = 0	M
RT = 5.357	Response = 212094	M



Manual Integration Results

RT = 3.517	Response = 195191	M
RT = 4.057	Response = 308926	M
RT = 4.473	Response = 76053	M
RT = 5.302	Response = 55775	M
RT = 5.357	Response = 122375	M

Reviewer: patelji, 12-Mar-2014 09:01:35

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-VS | Lab Sample ID: 460-72174-2

Matrix: Solid | Lab File ID: OR214366.D

Analysis Method: 8082 | Date Collected: 03/06/2014 09:35

Extraction Method: 3546 | Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.03(g) | Date Analyzed: 03/11/2014 16:14

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212118 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	160	U	700	160
11104-28-2	Aroclor 1221	160	U	700	160
11141-16-5	Aroclor 1232	160	U	700	160
53469-21-9	Aroclor 1242	160	U	700	160
12672-29-6	Aroclor 1248	5300		700	160
11097-69-1	Aroclor 1254	200	U	700	200
11096-82-5	Aroclor 1260	200	U	700	200
37324-23-5	Aroclor 1262	200	U	700	200
11100-14-4	Aroclor 1268	200	U	700	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214366.D
Lims ID: 460-72174-F-2-A Lab Sample ID: 460-72174-2
Client ID: PMP-23SW-VS
Sample Type: Client
Inject. Date: 11-Mar-2014 16:14:30 ALS Bottle#: 31 Worklist Smp#: 31
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0010709-031
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 12-Mar-2014 11:26:30 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 09:01:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
3 PCB-1248						M
1	3.517	3.513	0.004	195191	1348.2	M
1	4.057	4.055	0.002	308926	1060.3	M
1	4.473	4.473	0.0	76053	466.1	M
1	5.302	5.298	0.004	55775	336.4	M
1	5.357	5.355	0.002	122375	349.6	M
		Average of Peak Amounts =			712.1	
2	2.663	2.673	-0.010	249979	1380.0	
2	3.115	3.128	-0.013	511733	1127.6	M
2	3.700	3.712	-0.012	210779	561.1	M
2	4.195	4.207	-0.012	280471	410.2	M
2	4.425	4.440	-0.015	166276	314.5	M
		Average of Peak Amounts =			758.7	
				RPD =	6.33	

QC Flag Legend

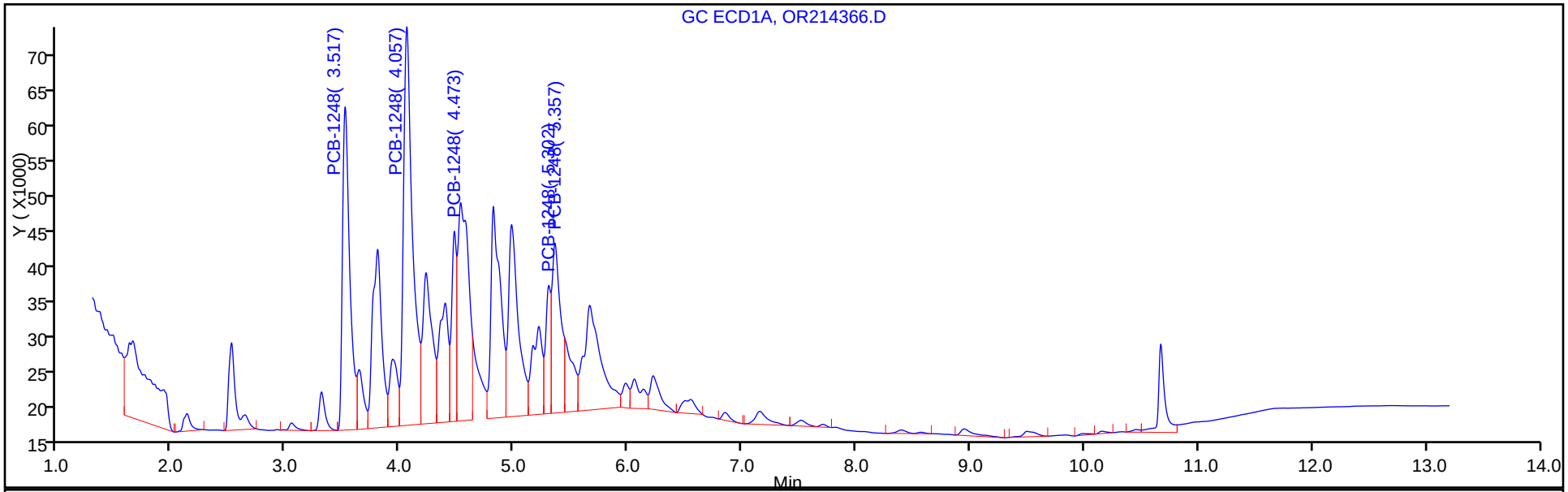
Review Flags
M - Manually Integrated

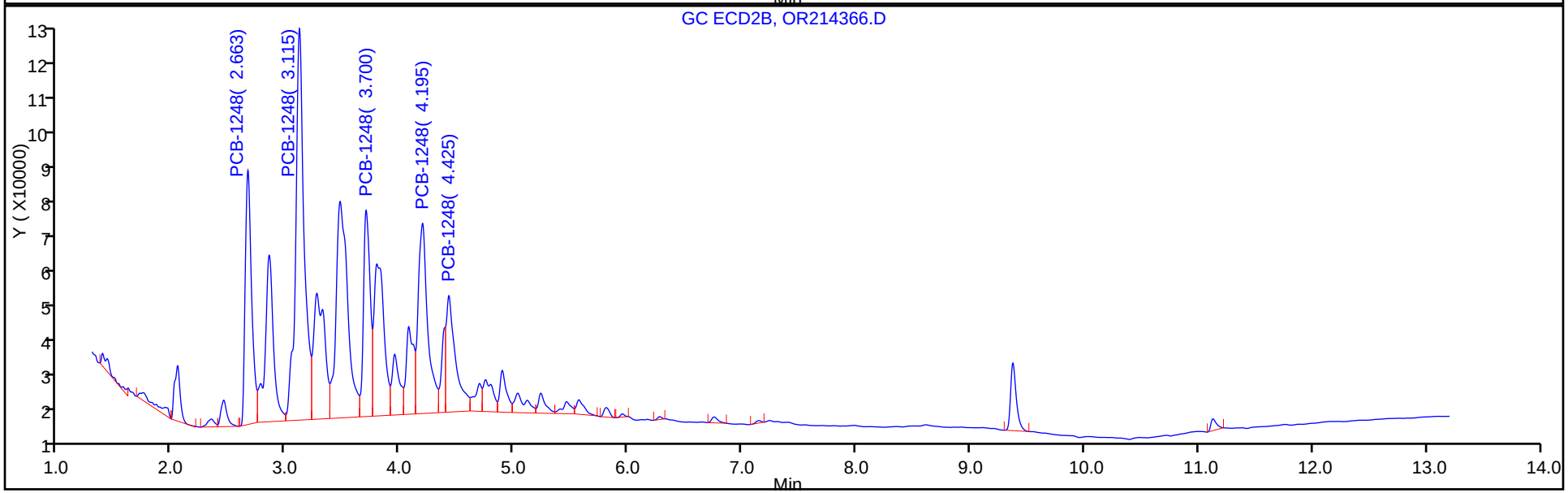
Report Date: 12-Mar-2014 11:26:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214366.D

Injection Date:	11-Mar-2014 16:14:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-2-A	Lab Sample ID:	460-72174-2	Worklist Smp#:	31
Client ID:	PMP-23SW-VS				
Injection Vol:	1.0 ul	Dil. Factor:	10.0000	ALS Bottle#:	31
Method:	8082GC7	Limit Group:	GC 8082 PCB		





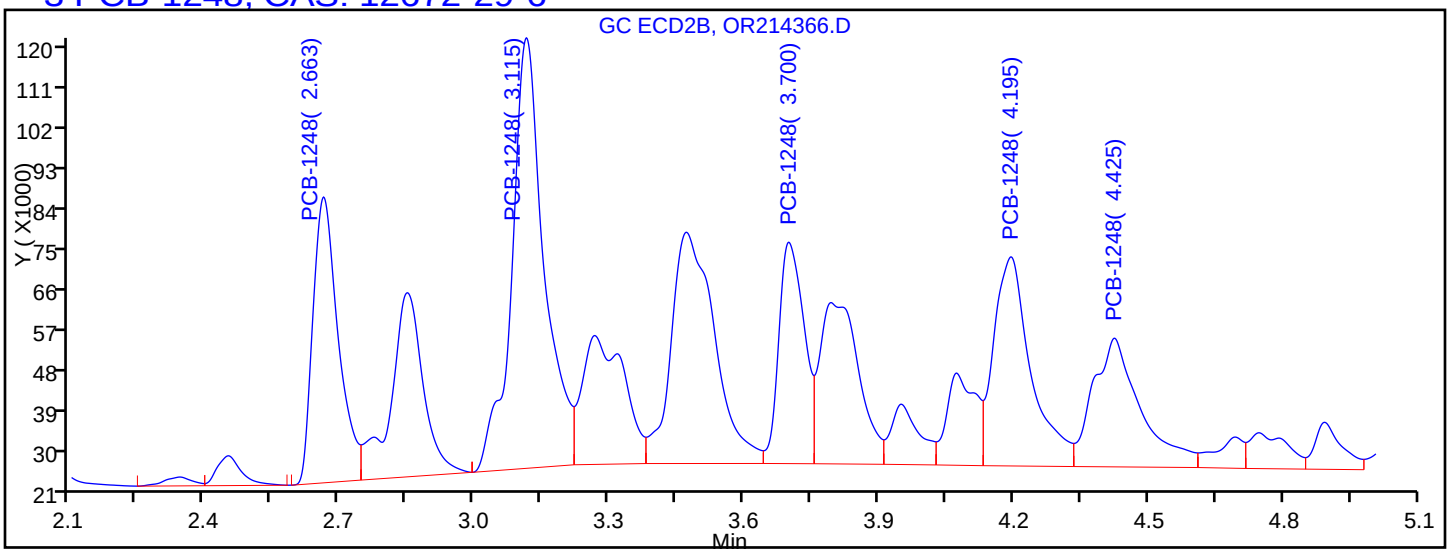
Report Date: 12-Mar-2014 11:26:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214366.D

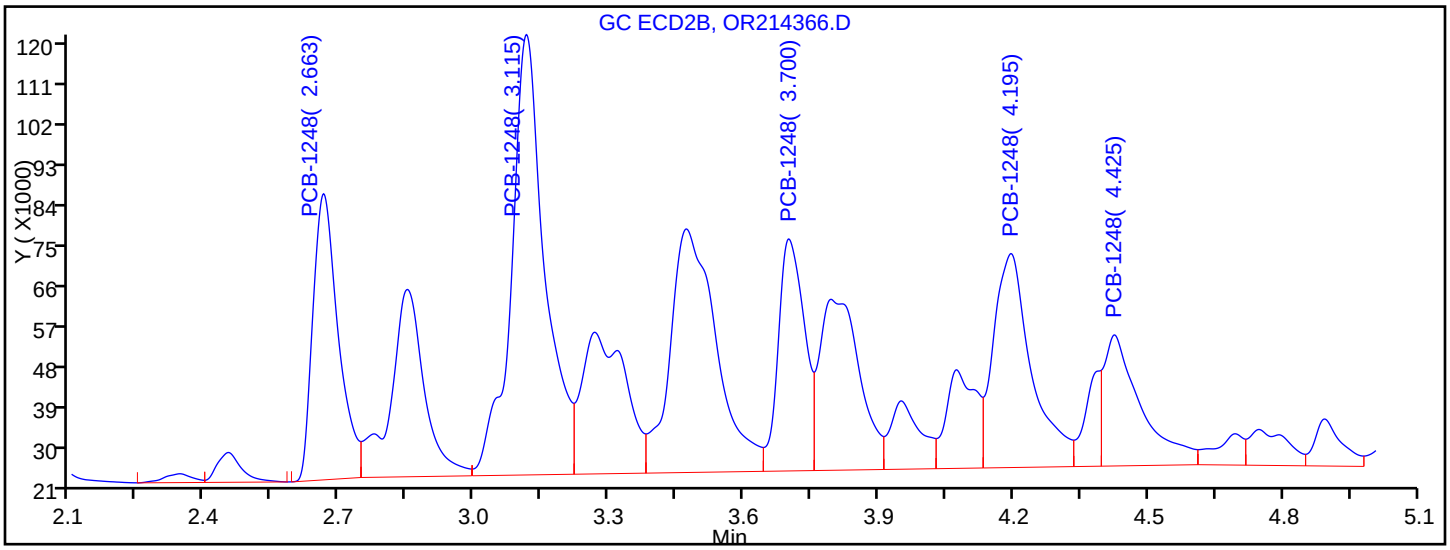
Injection Date:	11-Mar-2014 16:14:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-2-A	Lab Sample ID:	460-72174-2		
Client ID:	PMP-23SW-VS				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

3 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 2.663	Response = 249979	
RT = 3.115	Response = 482289	M
RT = 3.700	Response = 194694	M
RT = 4.195	Response = 268486	M
RT = 4.425	Response = 211005	M



Manual Integration Results

RT = 2.663	Response = 249979	
RT = 3.115	Response = 511733	M
RT = 3.700	Response = 210779	M
RT = 4.195	Response = 280471	M
RT = 4.425	Response = 166276	M

Reviewer: patelji, 12-Mar-2014 09:01:35

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-VD Lab Sample ID: 460-72174-3

Matrix: Solid Lab File ID: OR214316.D

Analysis Method: 8082 Date Collected: 03/06/2014 09:40

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.04(g) Date Analyzed: 03/11/2014 01:27

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214316.D
Lims ID: 460-72174-F-3-A Lab Sample ID: 460-72174-3
Client ID: PMP-23SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 01:27:30 ALS Bottle#: 64 Worklist Smp#: 64
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010655-064
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 15:41:47 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:46:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						
1	3.040	3.042	-0.002	11211	78.5	M
1	3.508	3.513	-0.005	41868	159.5	M
1	4.048	4.055	-0.007	59356	130.8	
1	4.217	4.225	-0.008	26854	122.0	M
1	0.0	5.355	-5.355	0	0	
		Average of Peak Amounts =			122.7	
2	2.348	2.345	0.003	15756	78.1	
2	2.668	2.672	-0.004	59948	189.8	
2	0.0	3.127	-3.127	0	0	
2	3.267	3.272	-0.005	33245	144.3	M
2	3.703	3.712	-0.009	31838	120.1	M
		Average of Peak Amounts =			133.1	
					RPD = 8.10	
$ 5 DCB Decachlorobiphenyl						M
1	10.650	10.655	-0.005	275845	51.6	M
2	9.373	9.387	-0.014	413962	49.7	
					RPD = 3.77	

QC Flag Legend

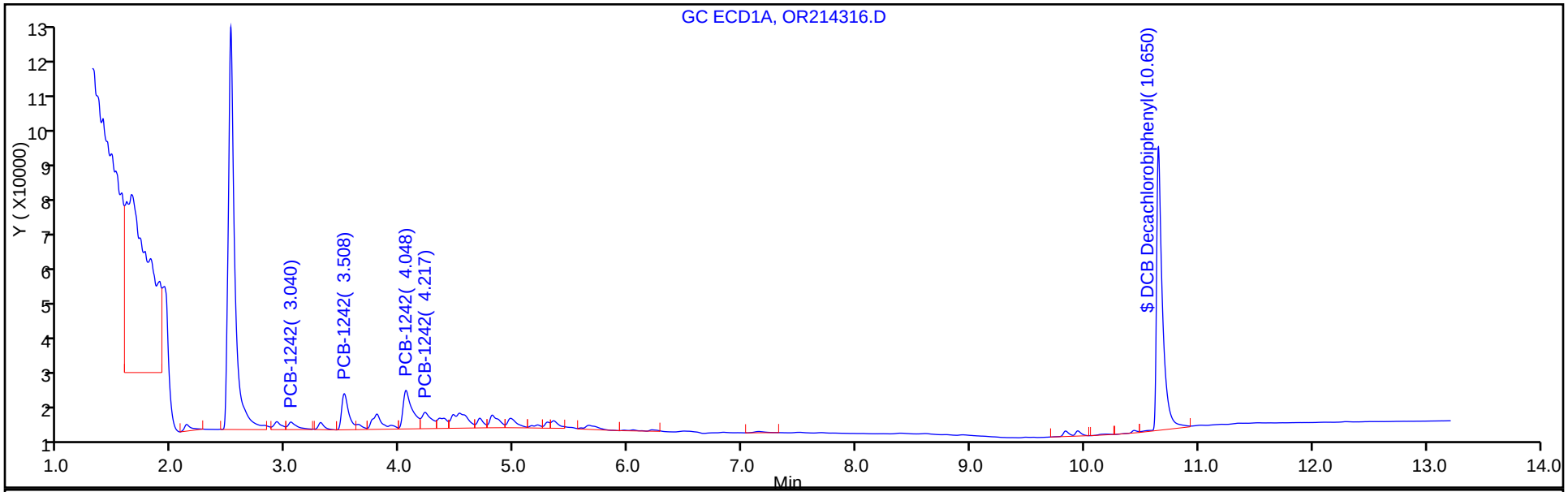
Review Flags
M - Manually Integrated

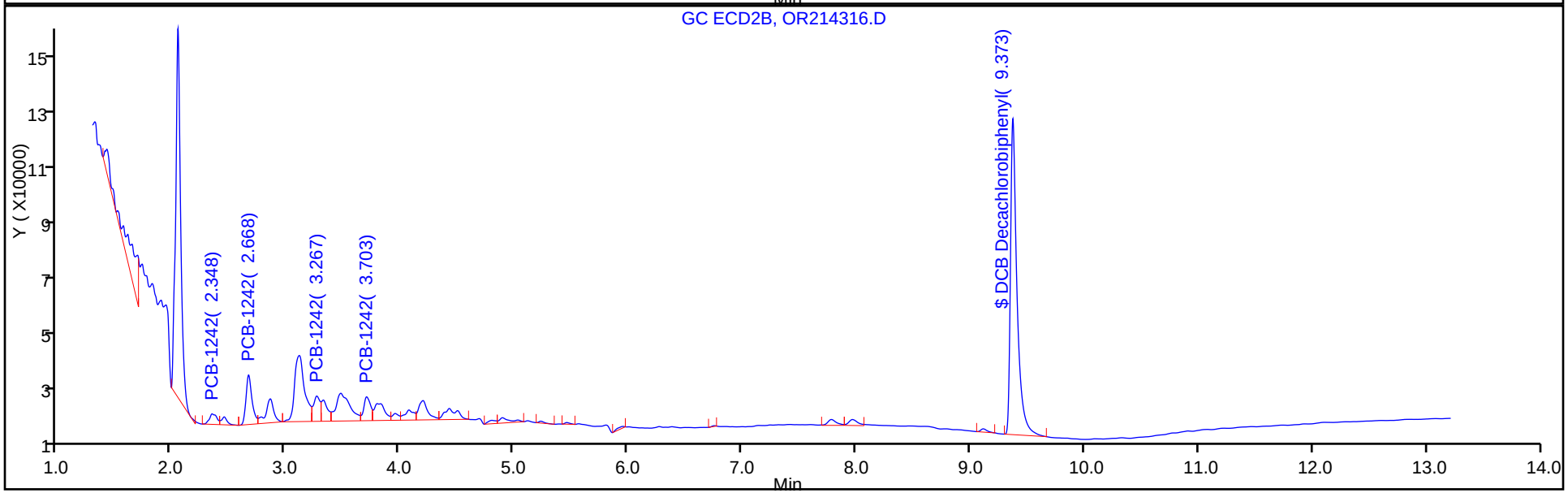
Report Date: 11-Mar-2014 15:42:14 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214316.D

Injection Date:	11-Mar-2014 01:27:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-3-A	Lab Sample ID:	460-72174-3	Worklist Smp#:	64
Client ID:	PMP-23SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	64
Method:	8082GC7	Limit Group:	GC 8082 PCB		





Manual Integration/User Assign Peak Report

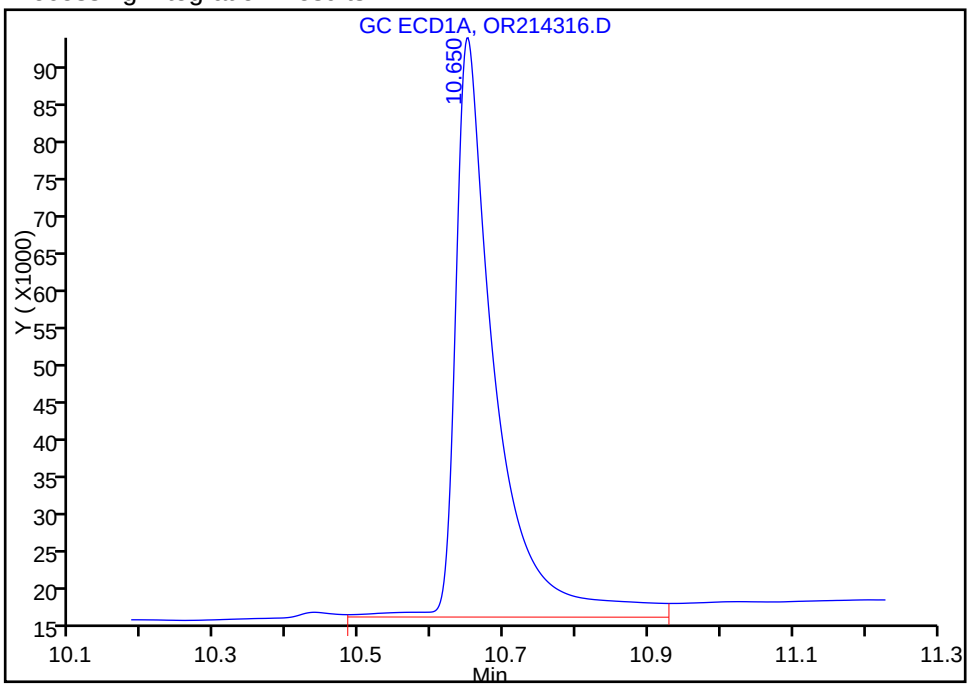
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214316.D				
Injection Date:	11-Mar-2014 01:27:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-3-A	Lab Sample ID:	460-72174-3		
Client ID:	PMP-23SW-VD				
Operator ID:		ALS Bottle#:	64	Worklist Smp#:	64
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD1A		

$ 5 DCB Decachlorobiphenyl, CAS: 2051-24-3

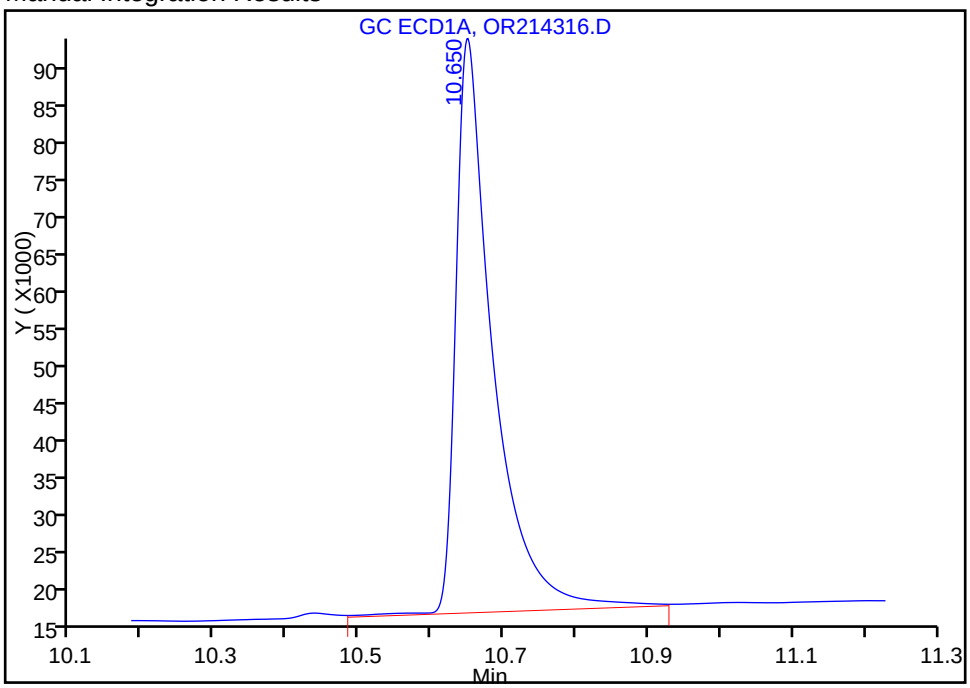
Processing Integration Results

RT: 10.65
Response: 298767
Amount: 55.851419



Manual Integration Results

RT: 10.65
Response: 275845
Amount: 51.566387



Reviewer: patelji, 11-Mar-2014 12:46:56
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-VD Lab Sample ID: 460-72174-3

Matrix: Solid Lab File ID: OR214316.D

Analysis Method: 8082 Date Collected: 03/06/2014 09:40

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.04(g) Date Analyzed: 03/11/2014 01:27

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	71	16
11104-28-2	Aroclor 1221	16	U	71	16
11141-16-5	Aroclor 1232	16	U	71	16
53469-21-9	Aroclor 1242	94		71	16
12672-29-6	Aroclor 1248	16	U	71	16
11097-69-1	Aroclor 1254	20	U	71	20
11096-82-5	Aroclor 1260	20	U	71	20
37324-23-5	Aroclor 1262	20	U	71	20
11100-14-4	Aroclor 1268	20	U	71	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214316.D
Lims ID: 460-72174-F-3-A Lab Sample ID: 460-72174-3
Client ID: PMP-23SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 01:27:30 ALS Bottle#: 64 Worklist Smp#: 64
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010655-064
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 15:41:47 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:46:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						
1	3.040	3.042	-0.002	11211	78.5	M
1	3.508	3.513	-0.005	41868	159.5	M
1	4.048	4.055	-0.007	59356	130.8	
1	4.217	4.225	-0.008	26854	122.0	M
1	0.0	5.355	-5.355	0	0	
		Average of Peak Amounts =			122.7	
2	2.348	2.345	0.003	15756	78.1	
2	2.668	2.672	-0.004	59948	189.8	
2	0.0	3.127	-3.127	0	0	
2	3.267	3.272	-0.005	33245	144.3	M
2	3.703	3.712	-0.009	31838	120.1	M
		Average of Peak Amounts =			133.1	
					RPD = 8.10	
$ 5 DCB Decachlorobiphenyl						M
1	10.650	10.655	-0.005	275845	51.6	M
2	9.373	9.387	-0.014	413962	49.7	
					RPD = 3.77	

QC Flag Legend

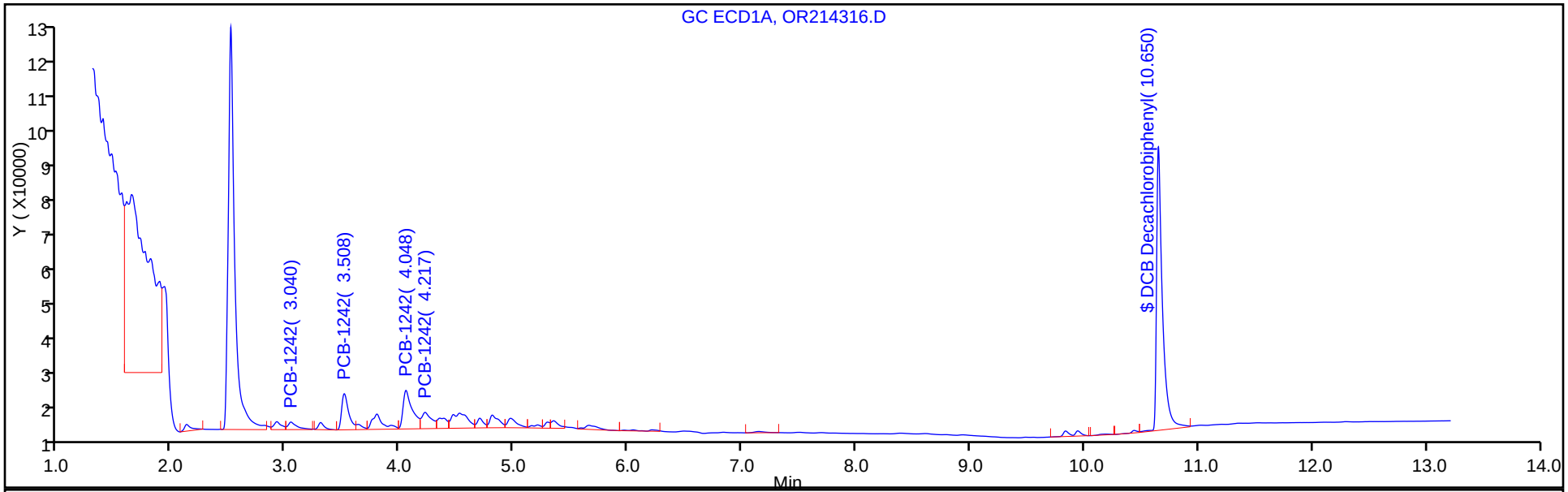
Review Flags
M - Manually Integrated

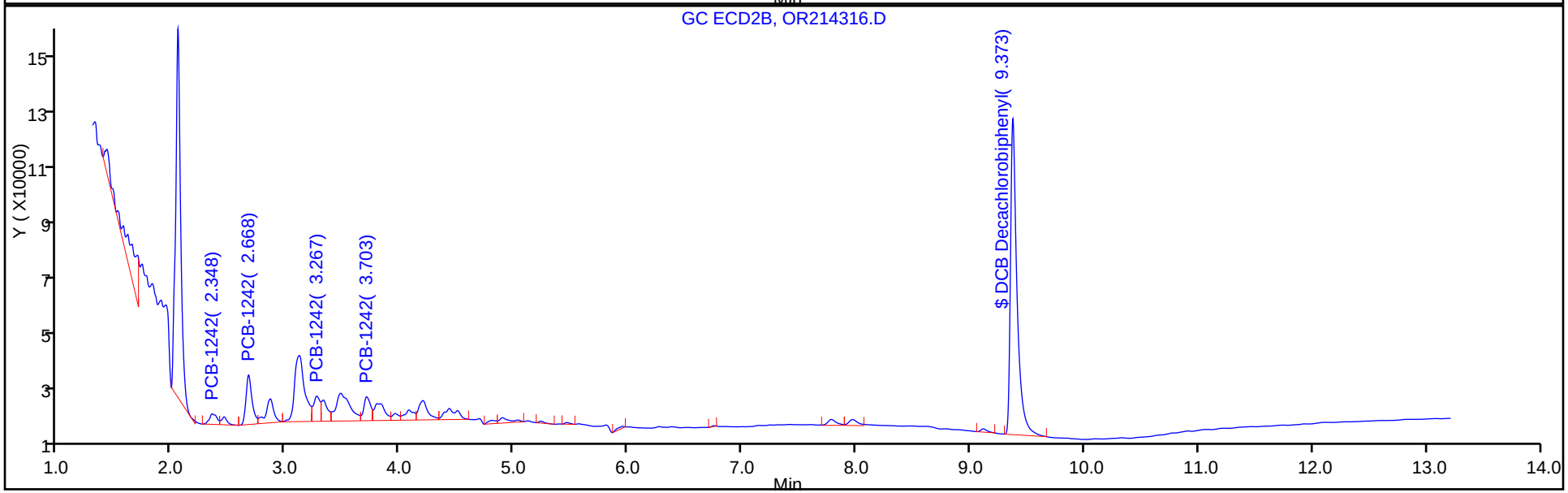
Report Date: 11-Mar-2014 15:42:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214316.D

Injection Date:	11-Mar-2014 01:27:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-3-A	Lab Sample ID:	460-72174-3	Worklist Smp#:	64
Client ID:	PMP-23SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	64
Method:	8082GC7	Limit Group:	GC 8082 PCB		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-WT Lab Sample ID: 460-72174-4

Matrix: Solid Lab File ID: OR214317.D

Analysis Method: 8082 Date Collected: 03/06/2014 09:45

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.01(g) Date Analyzed: 03/11/2014 01:44

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	119		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214317.D
Lims ID: 460-72174-F-4-A Lab Sample ID: 460-72174-4
Client ID: PMP-23SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 01:44:30 ALS Bottle#: 65 Worklist Smp#: 65
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010655-065
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 15:41:47 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:37:35

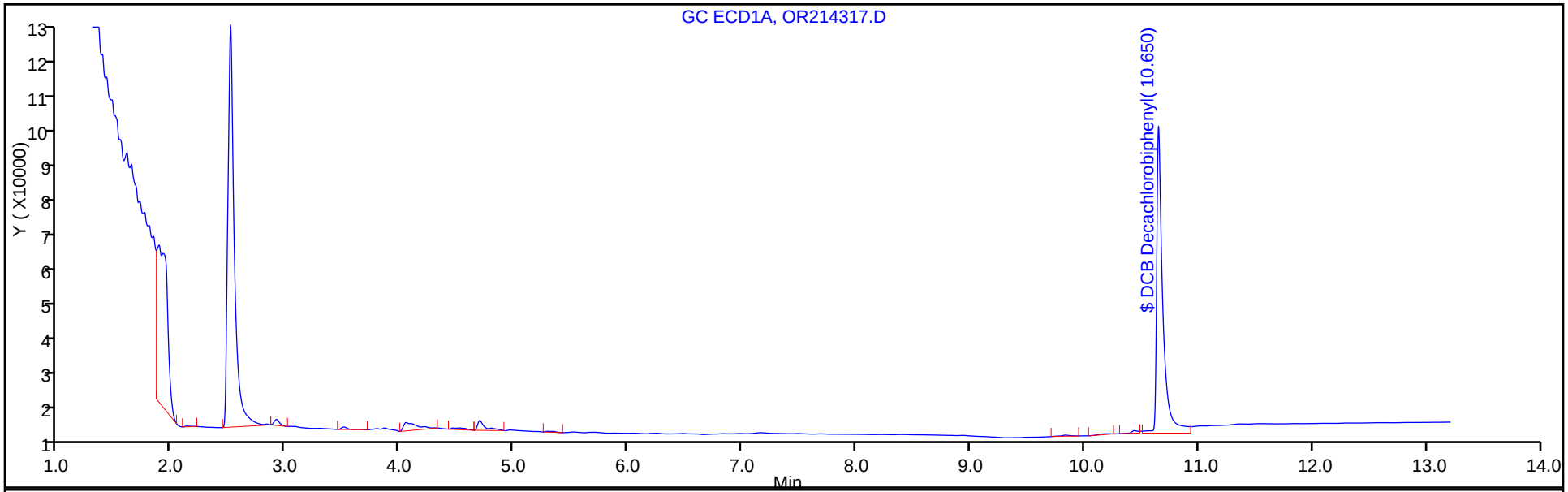
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.650	10.655	-0.005	317377	59.3	
2	9.372	9.387	-0.015	472940	56.7	
					RPD = 4.47	

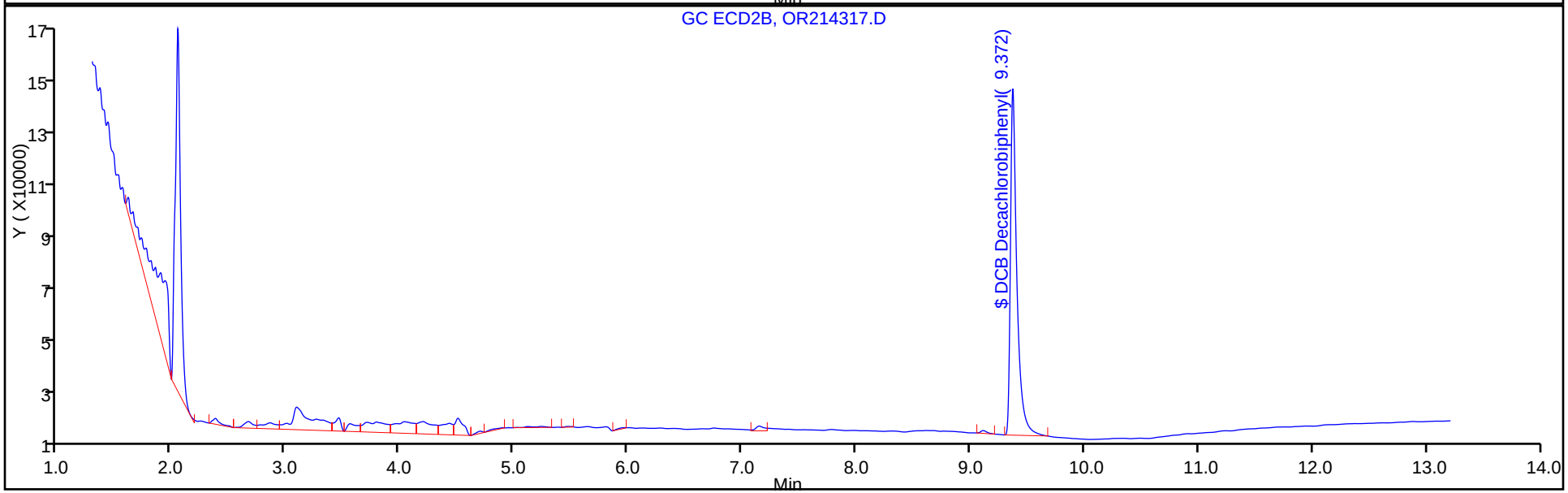
Report Date: 11-Mar-2014 15:42:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214317.D

Injection Date:	11-Mar-2014 01:44:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-4-A	Lab Sample ID:	460-72174-4	Worklist Smp#:	65
Client ID:	PMP-23SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	65
Method:	8082GC7	Limit Group:	GC 8082 PCB		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-WT | Lab Sample ID: 460-72174-4

Matrix: Solid | Lab File ID: OR214317.D

Analysis Method: 8082 | Date Collected: 03/06/2014 09:45

Extraction Method: 3546 | Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.01(g) | Date Analyzed: 03/11/2014 01:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	74	16
11104-28-2	Aroclor 1221	16	U	74	16
11141-16-5	Aroclor 1232	16	U	74	16
53469-21-9	Aroclor 1242	16	U	74	16
12672-29-6	Aroclor 1248	16	U	74	16
11097-69-1	Aroclor 1254	21	U	74	21
11096-82-5	Aroclor 1260	21	U	74	21
37324-23-5	Aroclor 1262	21	U	74	21
11100-14-4	Aroclor 1268	21	U	74	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214317.D
Lims ID: 460-72174-F-4-A Lab Sample ID: 460-72174-4
Client ID: PMP-23SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 01:44:30 ALS Bottle#: 65 Worklist Smp#: 65
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010655-065
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 15:41:47 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:37:35

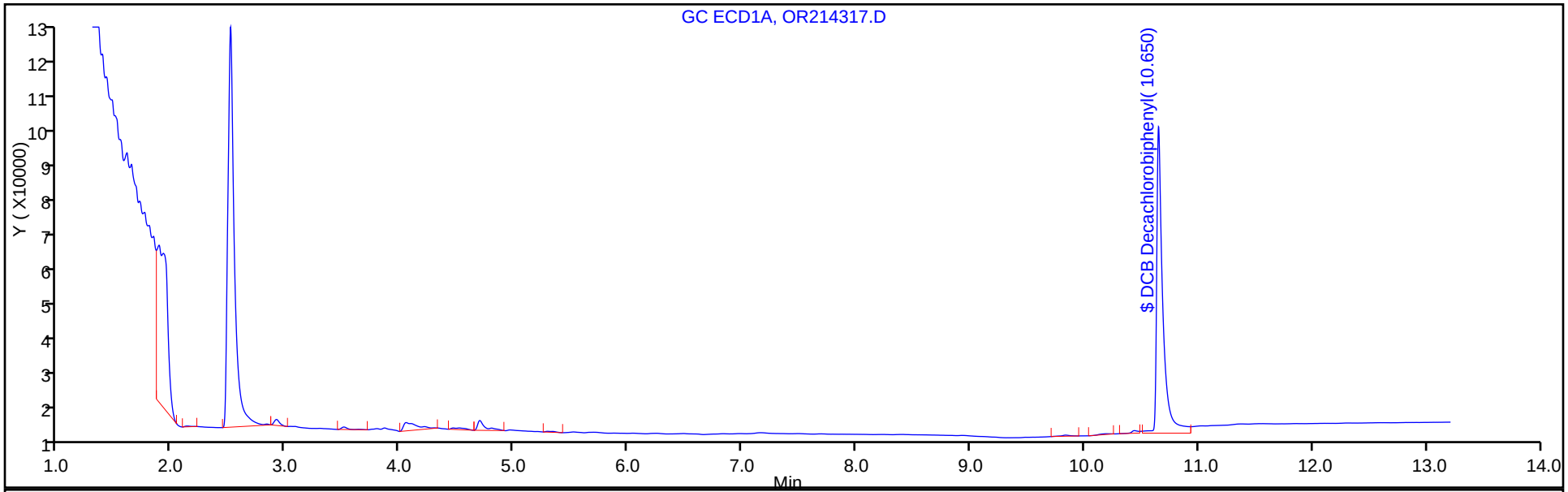
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.650	10.655	-0.005	317377	59.3	
2	9.372	9.387	-0.015	472940	56.7	
					RPD = 4.47	

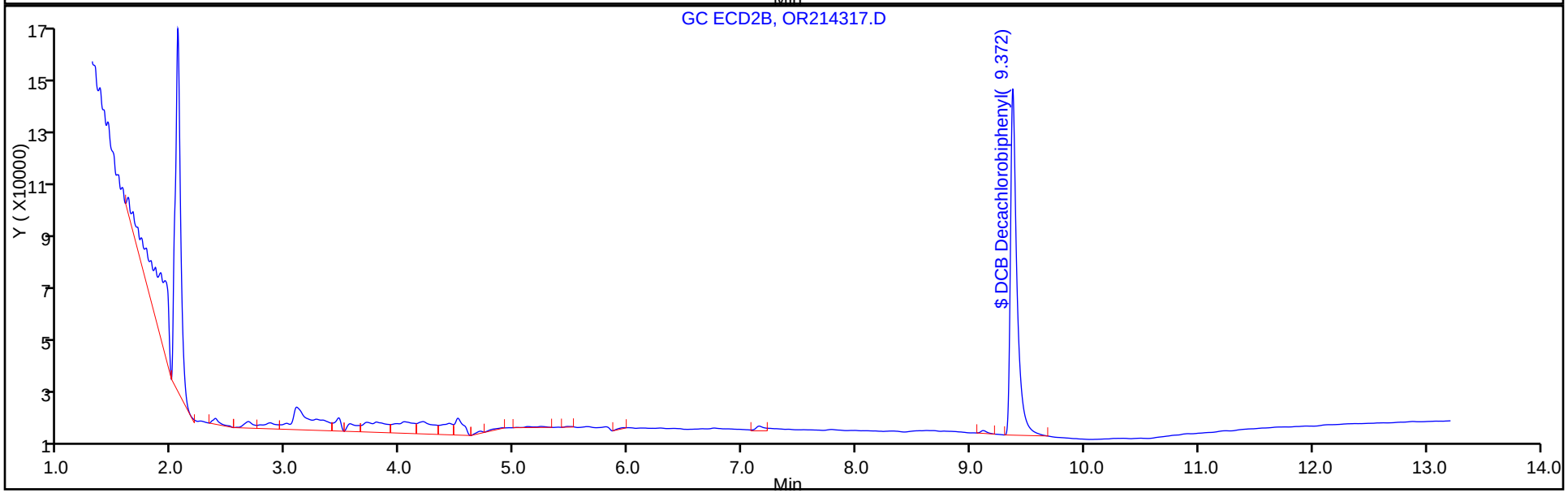
Report Date: 11-Mar-2014 15:42:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214317.D

Injection Date:	11-Mar-2014 01:44:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-4-A	Lab Sample ID:	460-72174-4	Worklist Smp#:	65
Client ID:	PMP-23SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	65
Method:	8082GC7	Limit Group:	GC 8082 PCB		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-8SW-VS Lab Sample ID: 460-72174-5

Matrix: Solid Lab File ID: OR214367.D

Analysis Method: 8082 Date Collected: 03/06/2014 10:00

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.02(g) Date Analyzed: 03/11/2014 16:31

Con. Extract Vol.: 10(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212118 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	4500		350	79

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	130		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214367.D
Lims ID: 460-72174-F-5-A Lab Sample ID: 460-72174-5
Client ID: PMP-8SW-VS
Sample Type: Client
Inject. Date: 11-Mar-2014 16:31:30 ALS Bottle#: 32 Worklist Smp#: 32
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0010709-032
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 12-Mar-2014 11:26:30 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 09:02:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
3 PCB-1248						
1	3.515	3.513	0.002	187936	1298.1	M
1	0.0	4.055	-4.055	0	0	
1	4.462	4.473	-0.011	229638	1407.4	M
1	5.290	5.298	-0.008	182529	1101.0	
1	5.345	5.355	-0.010	444959	1271.1	M
		Average of Peak Amounts =			1269.4	
2	2.673	2.673	0.0	227458	1255.7	
2	0.0	3.128	-3.128	0	0	
2	3.703	3.712	-0.009	539506	1436.1	M
2	4.198	4.207	-0.009	886737	1296.8	
2	4.428	4.440	-0.012	567582	1073.5	M
		Average of Peak Amounts =			1265.5	
					RPD = 0.31	
$ 5 DCB Decachlorobiphenyl						M
1	10.662	10.655	0.007	69780	13.0	M
2	9.370	9.387	-0.017	103591	12.4	
					RPD = 4.85	

QC Flag Legend

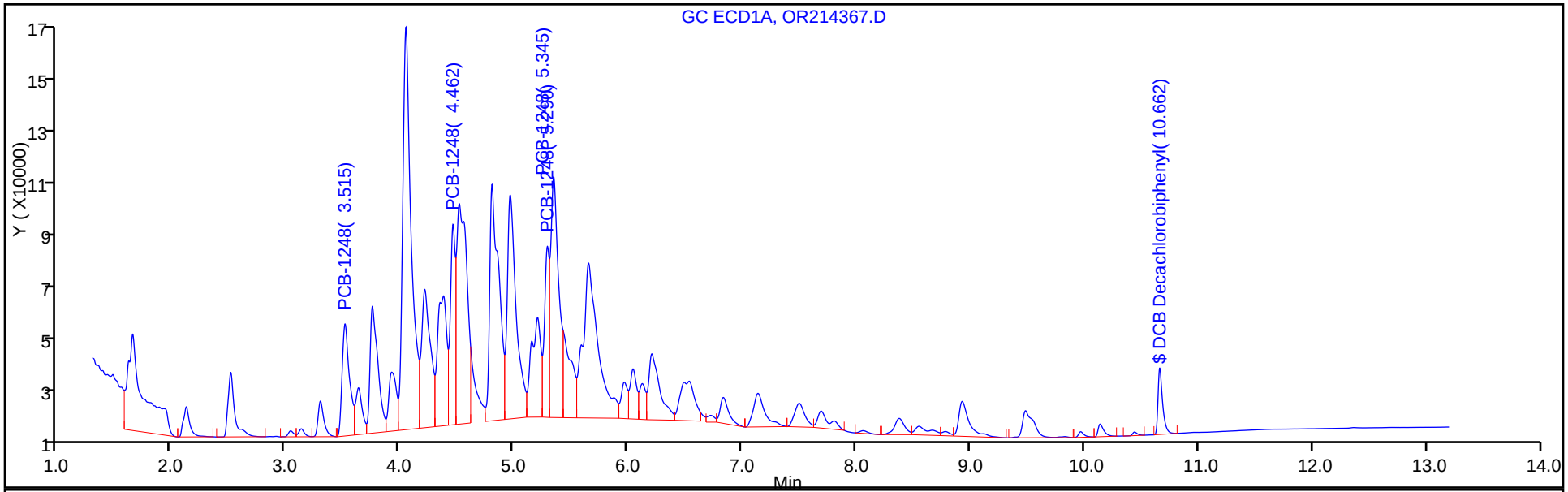
Review Flags
M - Manually Integrated

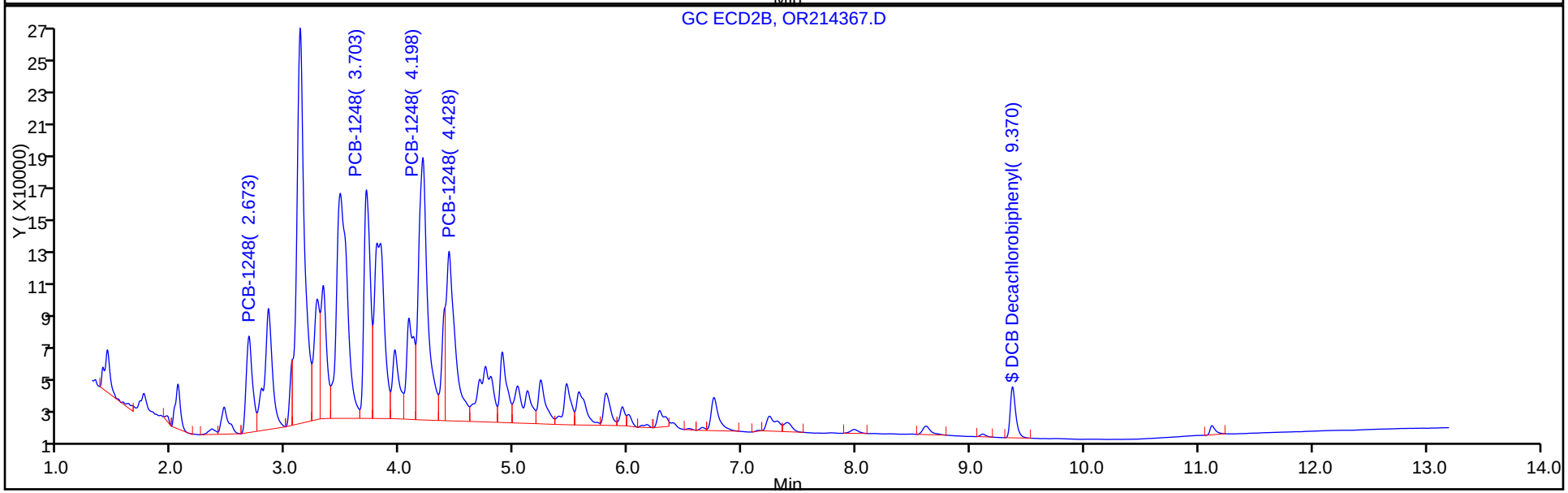
Report Date: 12-Mar-2014 11:26:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214367.D

Injection Date:	11-Mar-2014 16:31:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-5-A	Lab Sample ID:	460-72174-5	Worklist Smp#:	32
Client ID:	PMP-8SW-VS				
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	32
Method:	8082GC7	Limit Group:	GC 8082 PCB		





Manual Integration/User Assign Peak Report

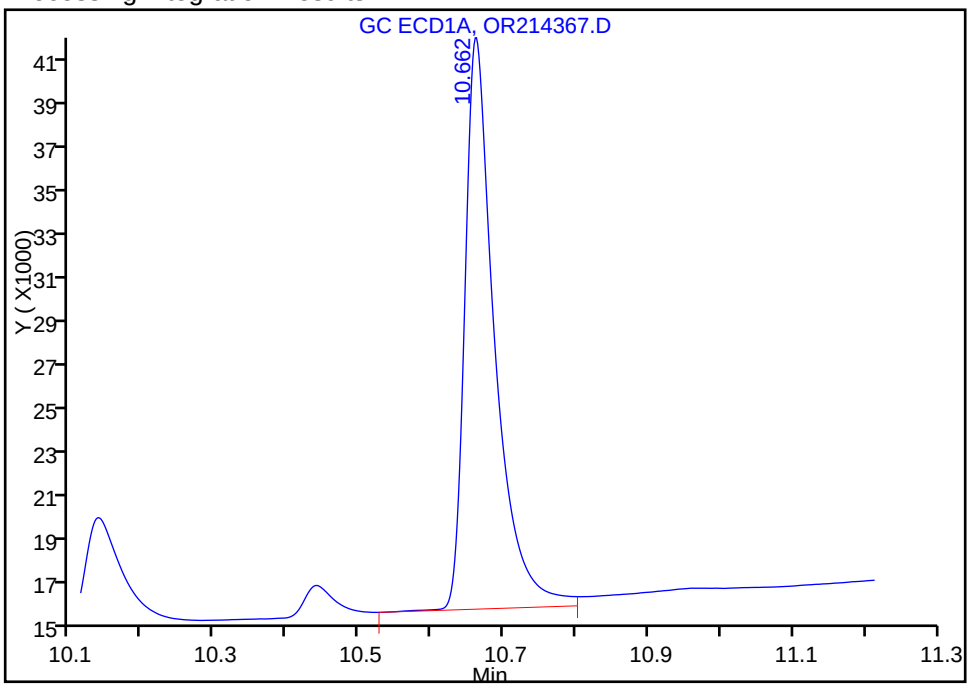
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214367.D				
Injection Date:	11-Mar-2014 16:31:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-5-A	Lab Sample ID:	460-72174-5		
Client ID:	PMP-8SW-VS				
Operator ID:		ALS Bottle#:	32	Worklist Smp#:	32
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD1A		

$ 5 DCB Decachlorobiphenyl, CAS: 2051-24-3

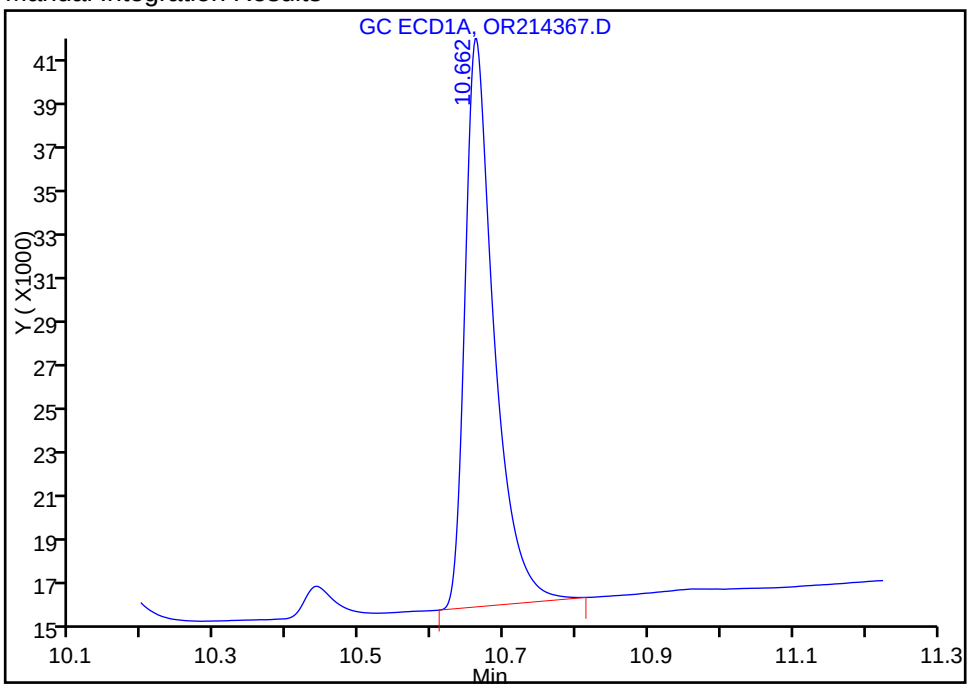
Processing Integration Results

RT: 10.66
Response: 72288
Amount: 13.513498



Manual Integration Results

RT: 10.66
Response: 69780
Amount: 13.044654



Reviewer: patelji, 12-Mar-2014 09:02:58
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-8SW-VS Lab Sample ID: 460-72174-5

Matrix: Solid Lab File ID: OR214367.D

Analysis Method: 8082 Date Collected: 03/06/2014 10:00

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.02(g) Date Analyzed: 03/11/2014 16:31

Con. Extract Vol.: 10(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212118 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	79	U	350	79
11104-28-2	Aroclor 1221	79	U	350	79
11141-16-5	Aroclor 1232	79	U	350	79
53469-21-9	Aroclor 1242	79	U	350	79
11097-69-1	Aroclor 1254	100	U	350	100
11096-82-5	Aroclor 1260	100	U	350	100
37324-23-5	Aroclor 1262	100	U	350	100
11100-14-4	Aroclor 1268	100	U	350	100

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	124		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214367.D
Lims ID: 460-72174-F-5-A Lab Sample ID: 460-72174-5
Client ID: PMP-8SW-VS
Sample Type: Client
Inject. Date: 11-Mar-2014 16:31:30 ALS Bottle#: 32 Worklist Smp#: 32
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0010709-032
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 12-Mar-2014 11:26:30 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 09:02:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
3 PCB-1248						
1	3.515	3.513	0.002	187936	1298.1	M
1	0.0	4.055	-4.055	0	0	
1	4.462	4.473	-0.011	229638	1407.4	M
1	5.290	5.298	-0.008	182529	1101.0	
1	5.345	5.355	-0.010	444959	1271.1	M
		Average of Peak Amounts =			1269.4	
2	2.673	2.673	0.0	227458	1255.7	
2	0.0	3.128	-3.128	0	0	
2	3.703	3.712	-0.009	539506	1436.1	M
2	4.198	4.207	-0.009	886737	1296.8	
2	4.428	4.440	-0.012	567582	1073.5	M
		Average of Peak Amounts =			1265.5	
					RPD = 0.31	
$ 5 DCB Decachlorobiphenyl						M
1	10.662	10.655	0.007	69780	13.0	M
2	9.370	9.387	-0.017	103591	12.4	
					RPD = 4.85	

QC Flag Legend

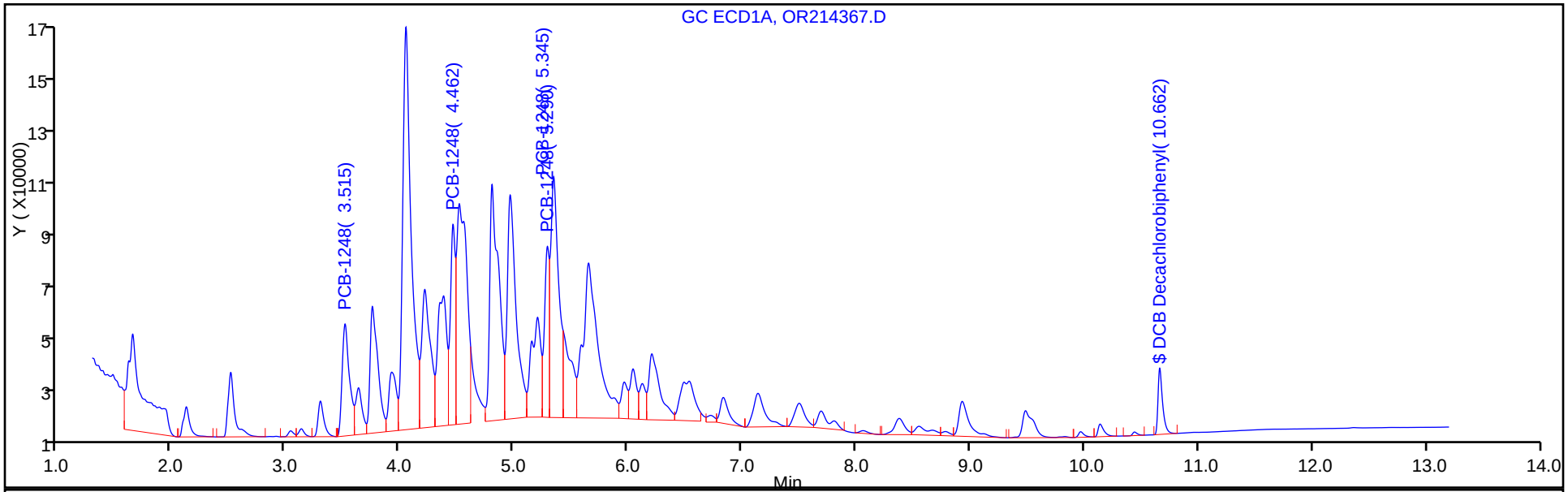
Review Flags
M - Manually Integrated

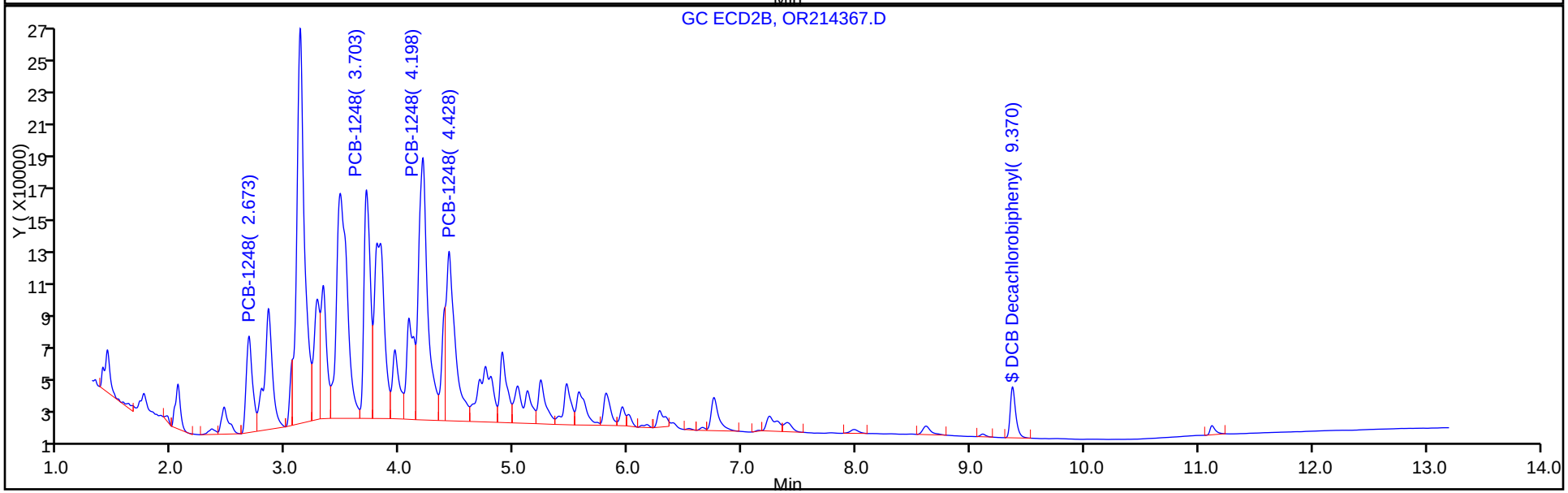
Report Date: 12-Mar-2014 11:26:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214367.D

Injection Date:	11-Mar-2014 16:31:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-5-A	Lab Sample ID:	460-72174-5	Worklist Smp#:	32
Client ID:	PMP-8SW-VS				
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	32
Method:	8082GC7	Limit Group:	GC 8082 PCB		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-4SW-VS Lab Sample ID: 460-72174-6

Matrix: Solid Lab File ID: OR214368.D

Analysis Method: 8082 Date Collected: 03/06/2014 10:05

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.02(g) Date Analyzed: 03/11/2014 16:47

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212118 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214368.D
Lims ID: 460-72174-F-6-A Lab Sample ID: 460-72174-6
Client ID: PMP-4SW-VS
Sample Type: Client
Inject. Date: 11-Mar-2014 16:47:30 ALS Bottle#: 33 Worklist Smp#: 33
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0010709-033
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 12-Mar-2014 11:26:30 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 09:03:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
3 PCB-1248						M
1	3.508	3.513	-0.005	122758	847.9	M
1	4.052	4.055	-0.003	254221	872.5	M
1	4.463	4.473	-0.010	79040	484.4	M
1	0.0	5.298	-5.298	0	0	
1	5.347	5.355	-0.008	120024	342.9	M
		Average of Peak Amounts =			636.9	
2	2.667	2.673	-0.006	174477	963.2	
2	3.123	3.128	-0.005	443232	976.7	
2	3.702	3.712	-0.010	213605	568.6	
2	4.200	4.207	-0.007	273514	400.0	
2	4.428	4.440	-0.012	196941	372.5	M
		Average of Peak Amounts =			656.2	
				RPD =	2.98	

QC Flag Legend

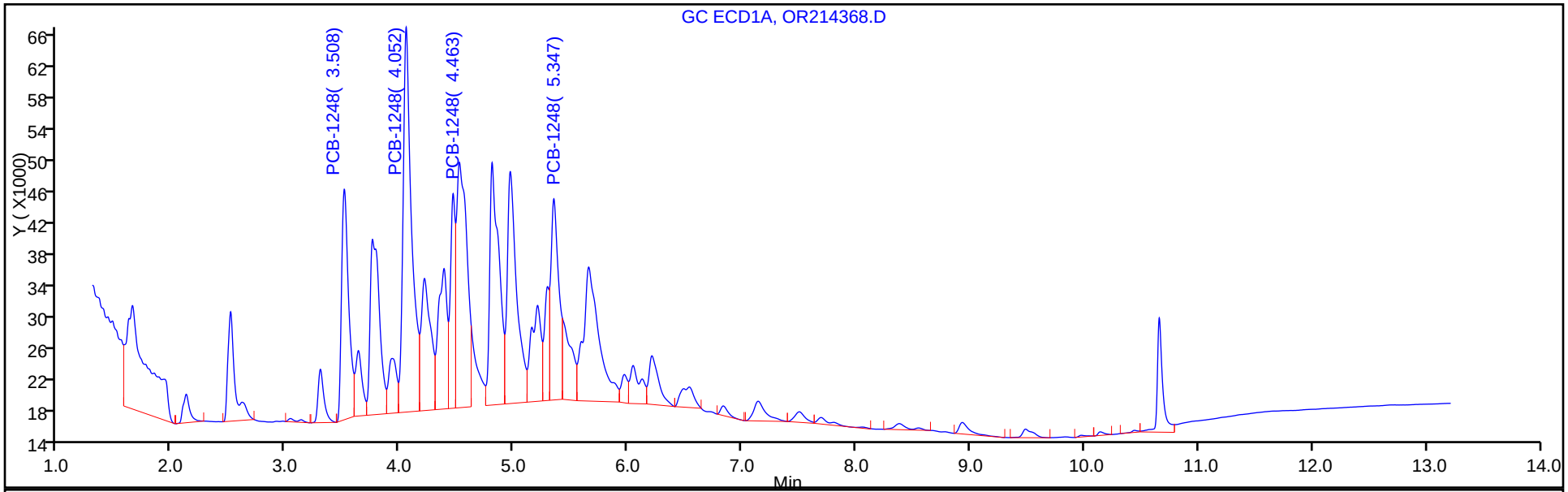
Review Flags
M - Manually Integrated

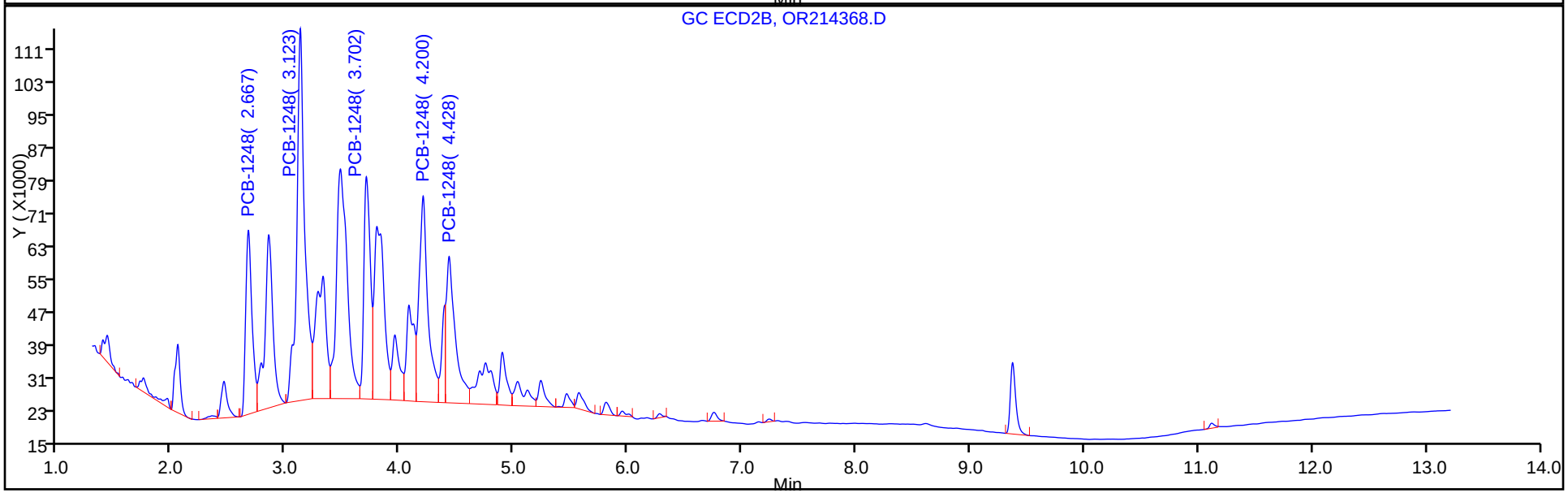
Report Date: 12-Mar-2014 11:26:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214368.D

Injection Date:	11-Mar-2014 16:47:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-6-A	Lab Sample ID:	460-72174-6	Worklist Smp#:	33
Client ID:	PMP-4SW-VS				
Injection Vol:	1.0 ul	Dil. Factor:	10.0000	ALS Bottle#:	33
Method:	8082GC7	Limit Group:	GC 8082 PCB		





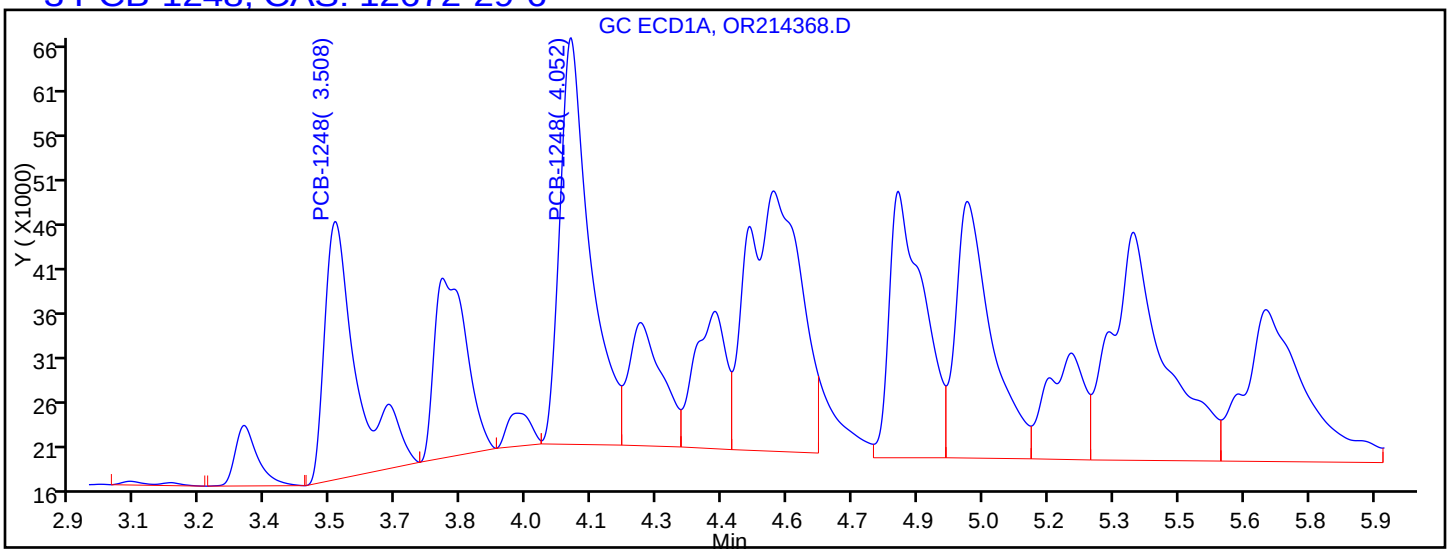
Report Date: 12-Mar-2014 11:26:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214368.D

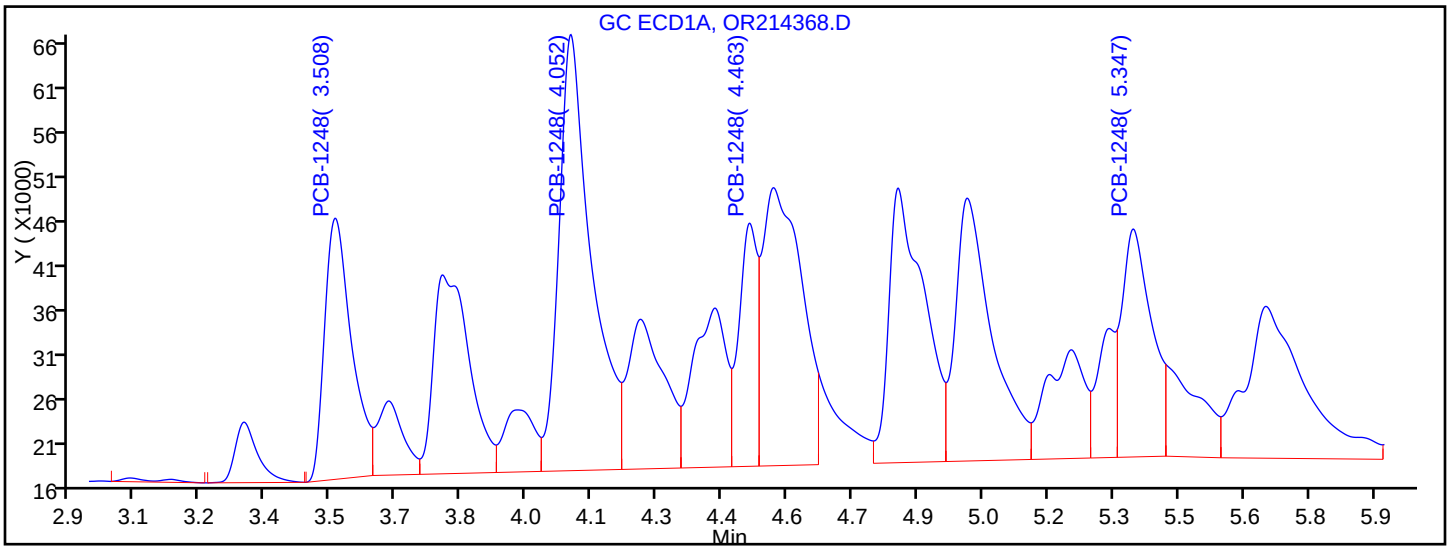
Injection Date:	11-Mar-2014 16:47:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-6-A	Lab Sample ID:	460-72174-6		
Client ID:	PMP-4SW-VS				
Operator ID:		ALS Bottle#:	33	Worklist Smp#:	33
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD1A		

3 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 3.508	Response = 148963	M
RT = 4.052	Response = 218207	M
RT = 4.502	Response = 249341	M
RT = 5.355	Response = 0	M
RT = 5.347	Response = 218487	M



Manual Integration Results

RT = 3.508	Response = 122758	M
RT = 4.052	Response = 254221	M
RT = 4.463	Response = 79040	M
RT = 0.000	Response = 0	M
RT = 5.347	Response = 120024	M

Reviewer: patelji, 12-Mar-2014 09:03:58

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-4SW-VS | Lab Sample ID: 460-72174-6

Matrix: Solid | Lab File ID: OR214368.D

Analysis Method: 8082 | Date Collected: 03/06/2014 10:05

Extraction Method: 3546 | Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.02(g) | Date Analyzed: 03/11/2014 16:47

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212118 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	160	U	730	160
11104-28-2	Aroclor 1221	160	U	730	160
11141-16-5	Aroclor 1232	160	U	730	160
53469-21-9	Aroclor 1242	160	U	730	160
12672-29-6	Aroclor 1248	4800		730	160
11097-69-1	Aroclor 1254	210	U	730	210
11096-82-5	Aroclor 1260	210	U	730	210
37324-23-5	Aroclor 1262	210	U	730	210
11100-14-4	Aroclor 1268	210	U	730	210

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214368.D
Lims ID: 460-72174-F-6-A Lab Sample ID: 460-72174-6
Client ID: PMP-4SW-VS
Sample Type: Client
Inject. Date: 11-Mar-2014 16:47:30 ALS Bottle#: 33 Worklist Smp#: 33
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0010709-033
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 12-Mar-2014 11:26:30 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 09:03:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
3 PCB-1248						M
1	3.508	3.513	-0.005	122758	847.9	M
1	4.052	4.055	-0.003	254221	872.5	M
1	4.463	4.473	-0.010	79040	484.4	M
1	0.0	5.298	-5.298	0	0	
1	5.347	5.355	-0.008	120024	342.9	M
		Average of Peak Amounts =			636.9	
2	2.667	2.673	-0.006	174477	963.2	
2	3.123	3.128	-0.005	443232	976.7	
2	3.702	3.712	-0.010	213605	568.6	
2	4.200	4.207	-0.007	273514	400.0	
2	4.428	4.440	-0.012	196941	372.5	M
		Average of Peak Amounts =			656.2	
				RPD =	2.98	

QC Flag Legend

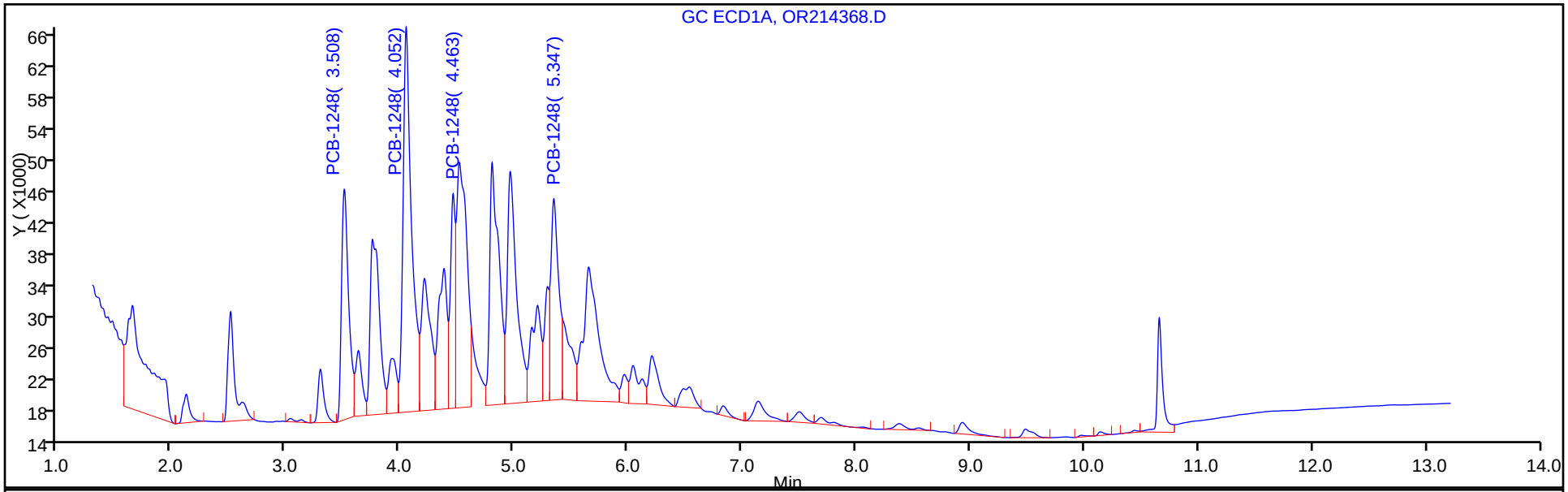
Review Flags
M - Manually Integrated

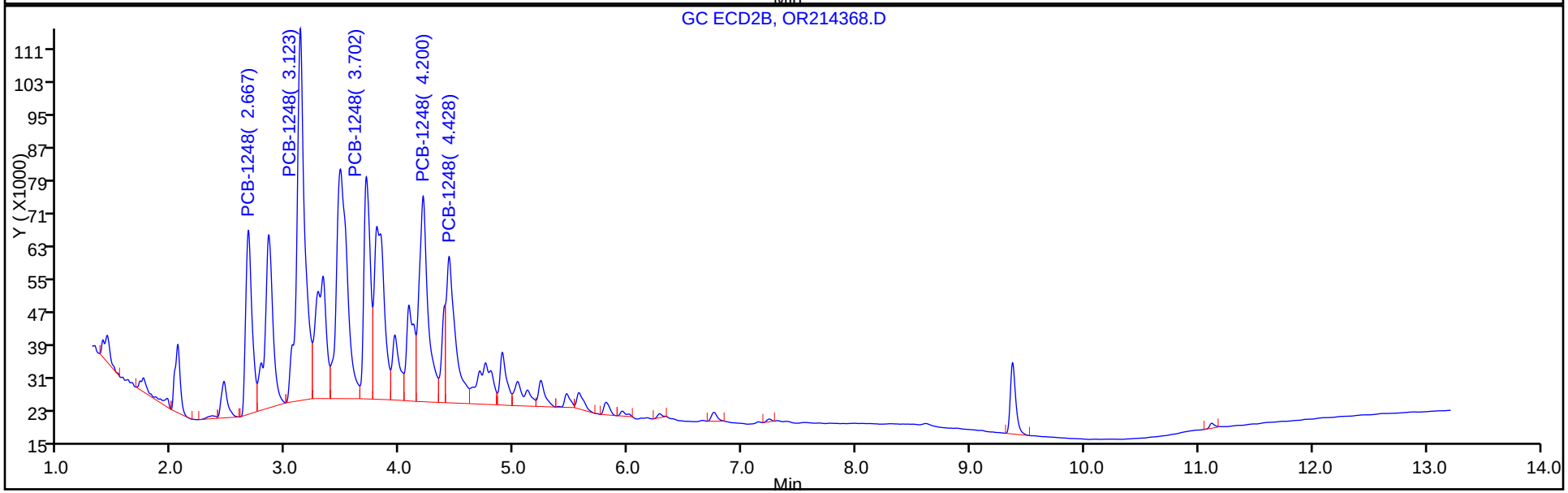
Report Date: 12-Mar-2014 11:26:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214368.D

Injection Date:	11-Mar-2014 16:47:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-6-A	Lab Sample ID:	460-72174-6	Worklist Smp#:	33
Client ID:	PMP-4SW-VS				
Injection Vol:	1.0 ul	Dil. Factor:	10.0000	ALS Bottle#:	33
Method:	8082GC7	Limit Group:	GC 8082 PCB		





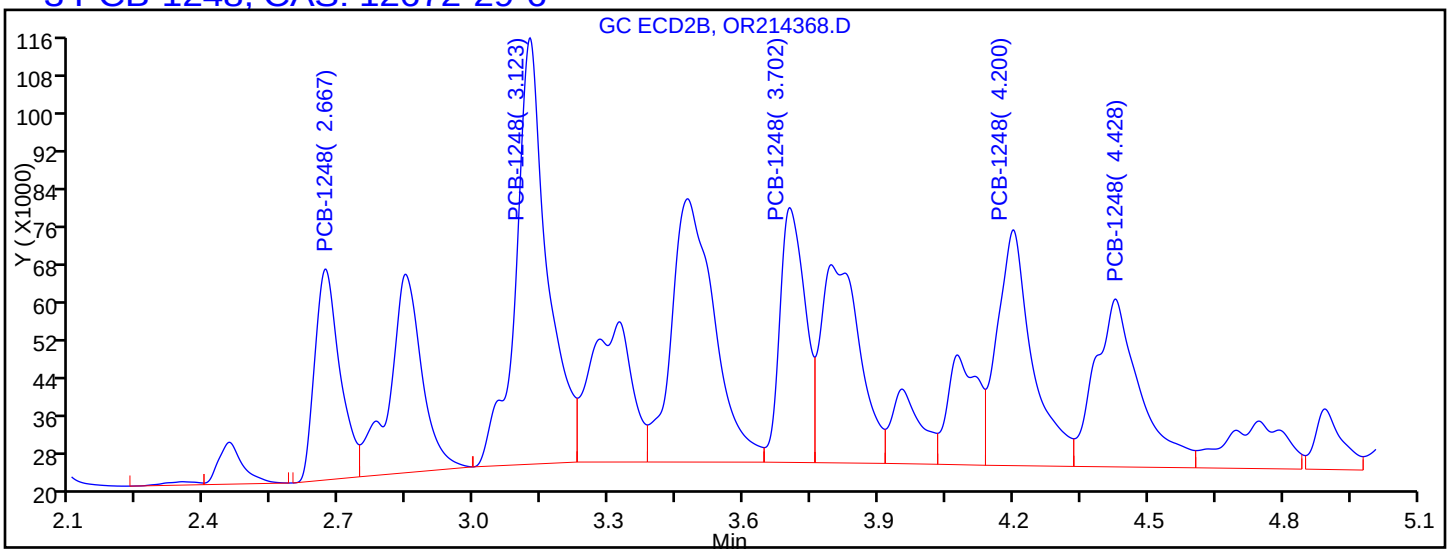
Report Date: 12-Mar-2014 11:26:34 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214368.D

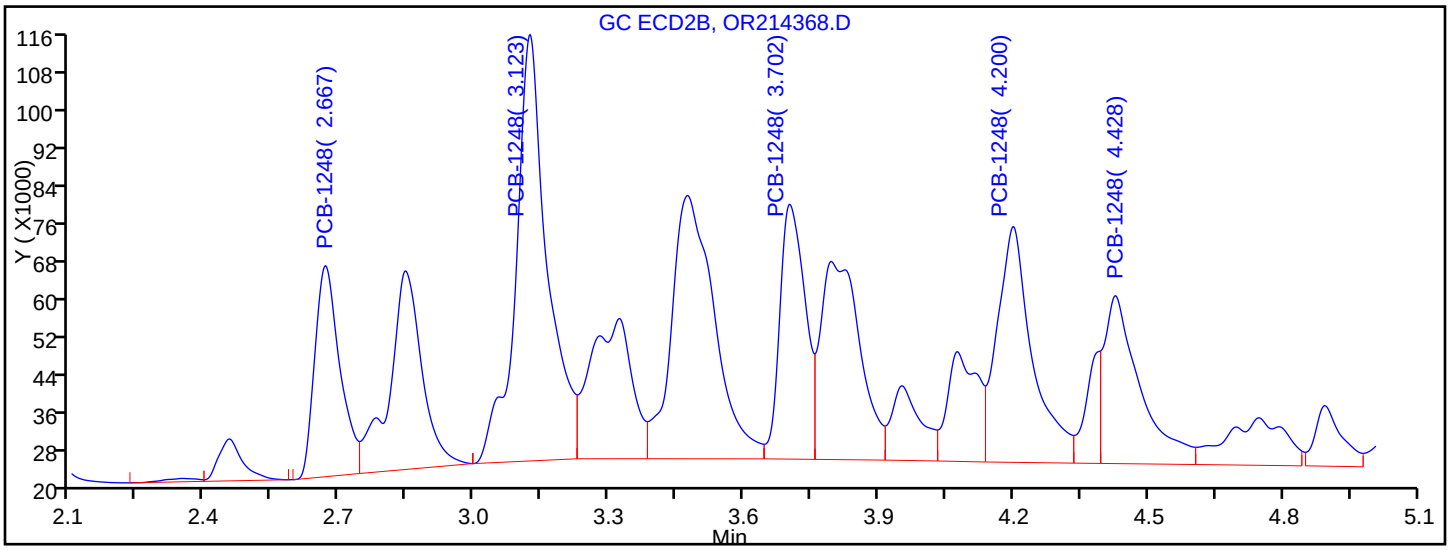
Injection Date:	11-Mar-2014 16:47:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-6-A	Lab Sample ID:	460-72174-6		
Client ID:	PMP-4SW-VS				
Operator ID:		ALS Bottle#:	33	Worklist Smp#:	33
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

3 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 2.667	Response = 174477	
RT = 3.123	Response = 443232	
RT = 3.702	Response = 213605	
RT = 4.200	Response = 273514	
RT = 4.428	Response = 249821	M



Manual Integration Results

RT = 2.667	Response = 174477	
RT = 3.123	Response = 443232	
RT = 3.702	Response = 213605	
RT = 4.200	Response = 273514	
RT = 4.428	Response = 196941	M

Reviewer: patelji, 12-Mar-2014 09:03:58

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-4SW-VD Lab Sample ID: 460-72174-7

Matrix: Solid Lab File ID: OR214320.D

Analysis Method: 8082 Date Collected: 03/06/2014 10:10

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.05(g) Date Analyzed: 03/11/2014 02:33

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214320.D
Lims ID: 460-72174-F-7-A Lab Sample ID: 460-72174-7
Client ID: PMP-4SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 02:33:30 ALS Bottle#: 68 Worklist Smp#: 68
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010655-068
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 15:41:47 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:49:50

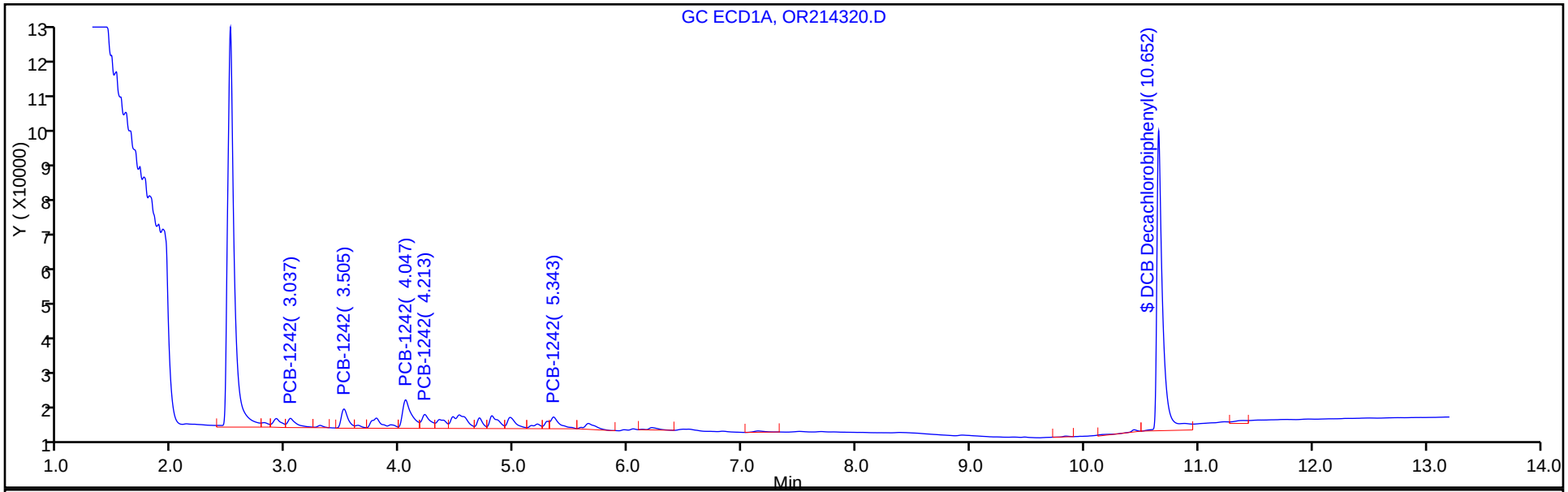
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						
1	3.037	3.042	-0.005	14042	98.3	M
1	3.505	3.513	-0.008	22241	84.7	M
1	4.047	4.055	-0.008	43373	95.6	
1	4.213	4.225	-0.012	19944	90.6	M
1	5.343	5.355	-0.012	17978	88.3	M
		Average of Peak Amounts =			91.5	
2	2.348	2.345	0.003	20849	103.3	M
2	2.668	2.672	-0.004	33373	105.6	M
2	0.0	3.127	-3.127	0	0	
2	3.267	3.272	-0.005	24680	107.1	M
2	3.703	3.712	-0.009	27438	103.5	M
		Average of Peak Amounts =			104.9	
					RPD = 13.62	
$ 5 DCB Decachlorobiphenyl						
1	10.652	10.655	-0.003	295181	55.2	
2	9.372	9.387	-0.015	354420	42.5	
					RPD = 25.93	

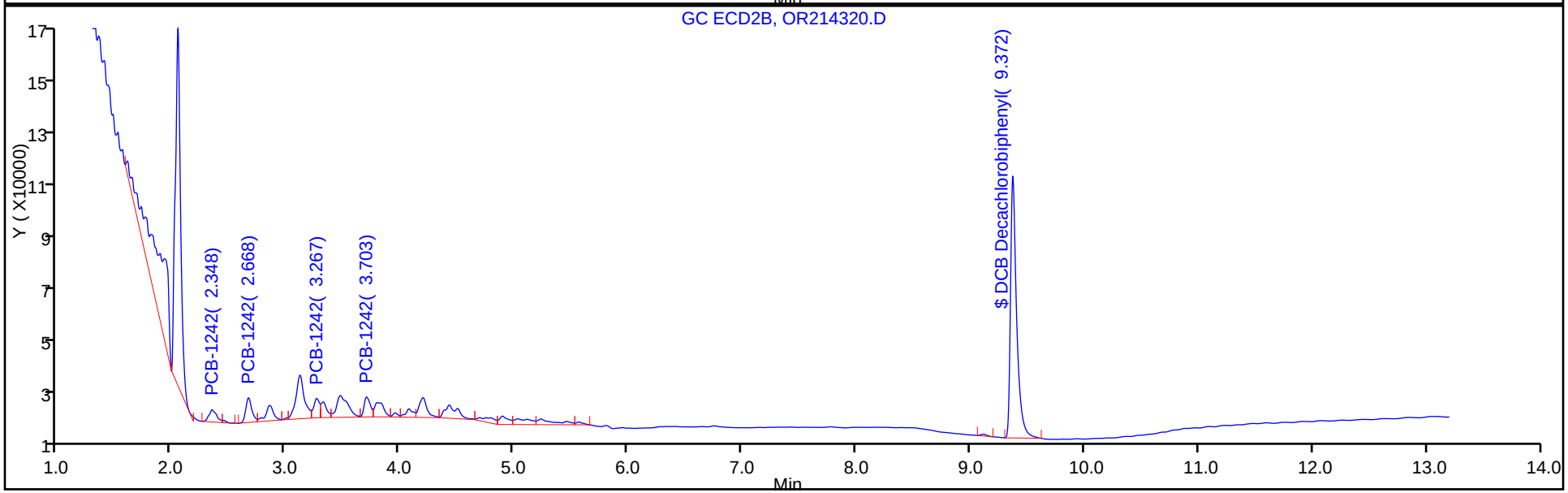
Report Date: 11-Mar-2014 15:42:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214320.D

Injection Date:	11-Mar-2014 02:33:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-7-A	Lab Sample ID:	460-72174-7	Worklist Smp#:	68
Client ID:	PMP-4SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	68
Method:	8082GC7	Limit Group:	GC 8082 PCB		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-4SW-VD | Lab Sample ID: 460-72174-7

Matrix: Solid | Lab File ID: OR214320.D

Analysis Method: 8082 | Date Collected: 03/06/2014 10:10

Extraction Method: 3546 | Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.05(g) | Date Analyzed: 03/11/2014 02:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	70	16
11104-28-2	Aroclor 1221	16	U	70	16
11141-16-5	Aroclor 1232	16	U	70	16
53469-21-9	Aroclor 1242	73		70	16
12672-29-6	Aroclor 1248	16	U	70	16
11097-69-1	Aroclor 1254	20	U	70	20
11096-82-5	Aroclor 1260	20	U	70	20
37324-23-5	Aroclor 1262	20	U	70	20
11100-14-4	Aroclor 1268	20	U	70	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214320.D
Lims ID: 460-72174-F-7-A Lab Sample ID: 460-72174-7
Client ID: PMP-4SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 02:33:30 ALS Bottle#: 68 Worklist Smp#: 68
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010655-068
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 15:41:47 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:49:50

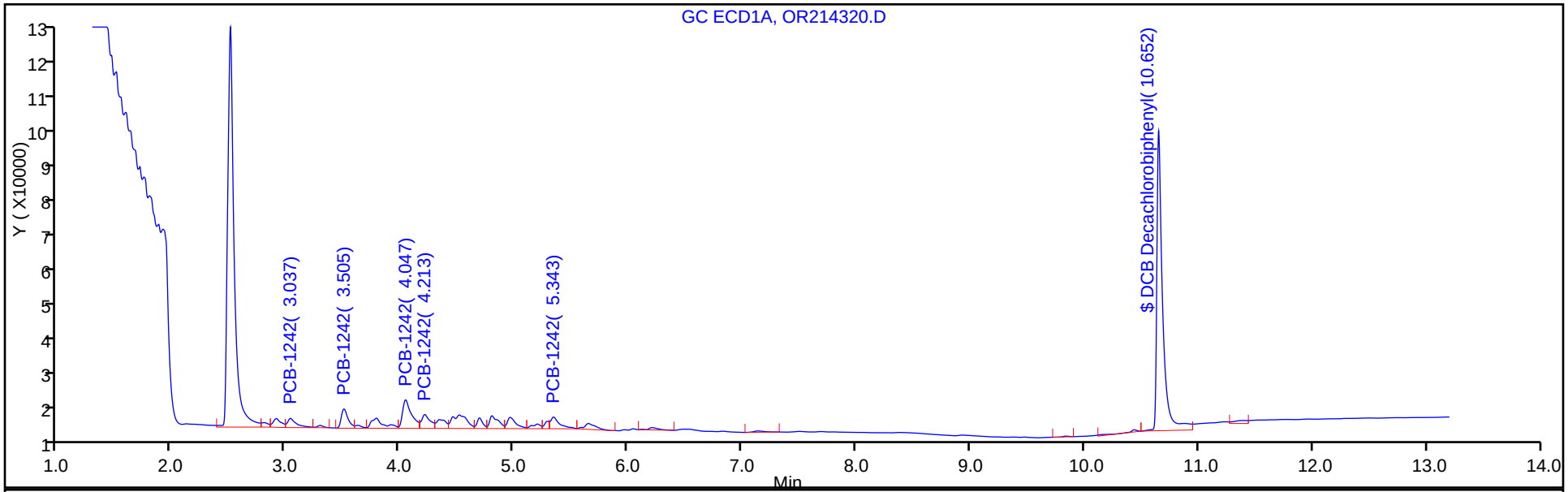
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						
1	3.037	3.042	-0.005	14042	98.3	M
1	3.505	3.513	-0.008	22241	84.7	M
1	4.047	4.055	-0.008	43373	95.6	
1	4.213	4.225	-0.012	19944	90.6	M
1	5.343	5.355	-0.012	17978	88.3	M
		Average of Peak Amounts =			91.5	
2	2.348	2.345	0.003	20849	103.3	M
2	2.668	2.672	-0.004	33373	105.6	M
2	0.0	3.127	-3.127	0	0	
2	3.267	3.272	-0.005	24680	107.1	M
2	3.703	3.712	-0.009	27438	103.5	M
		Average of Peak Amounts =			104.9	
					RPD = 13.62	
$ 5 DCB Decachlorobiphenyl						
1	10.652	10.655	-0.003	295181	55.2	
2	9.372	9.387	-0.015	354420	42.5	
					RPD = 25.93	

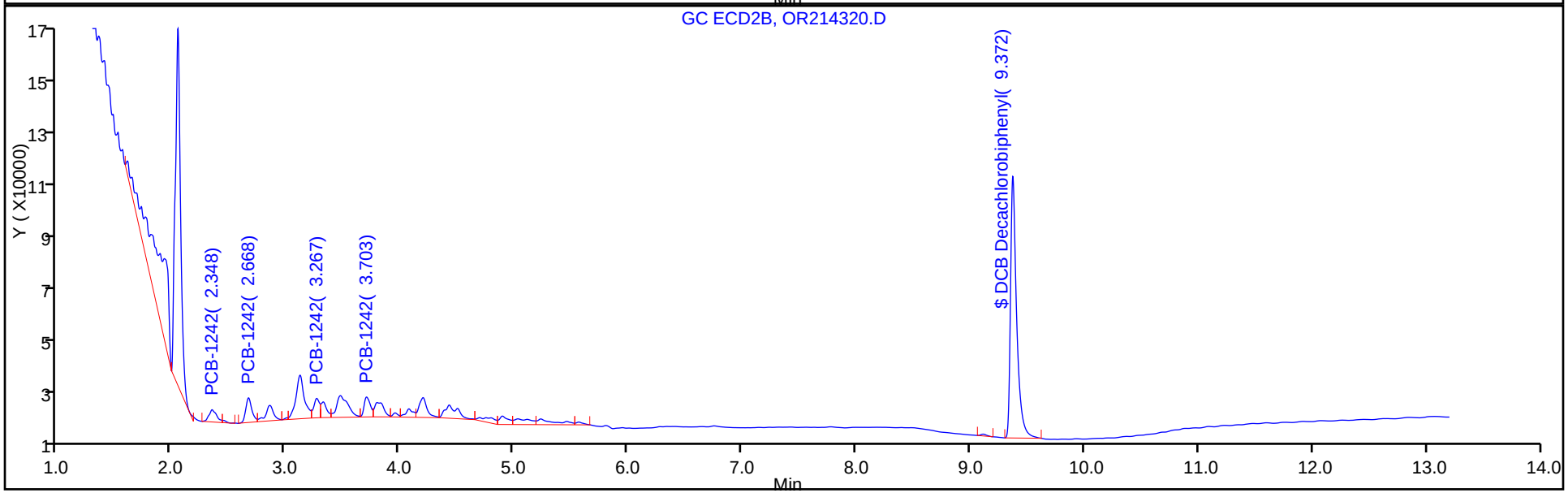
Report Date: 11-Mar-2014 15:42:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214320.D

Injection Date:	11-Mar-2014 02:33:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-7-A	Lab Sample ID:	460-72174-7	Worklist Smp#:	68
Client ID:	PMP-4SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	68
Method:	8082GC7	Limit Group:	GC 8082 PCB		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-VS Lab Sample ID: 460-72174-8

Matrix: Solid Lab File ID: OR214369.D

Analysis Method: 8082 Date Collected: 03/06/2014 10:20

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.01(g) Date Analyzed: 03/11/2014 17:03

Con. Extract Vol.: 10(mL) Dilution Factor: 2

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212118 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	2300		140	32

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214369.D
Lims ID: 460-72174-F-8-A Lab Sample ID: 460-72174-8
Client ID: PMP-22SW-VS
Sample Type: Client
Inject. Date: 11-Mar-2014 17:03:30 ALS Bottle#: 34 Worklist Smp#: 34
Injection Vol: 1.0 ul Dil. Factor: 2.0000
Sample Info: 460-0010709-034
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 12-Mar-2014 11:26:30 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 09:05:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
3 PCB-1248						M
1	3.503	3.513	-0.010	300695	2076.9	M
1	0.0	4.055	-4.055	0	0	
1	4.458	4.473	-0.015	251159	1539.3	M
1	0.0	5.298	-5.298	0	0	
1	5.342	5.355	-0.013	440657	1258.9	M
		Average of Peak Amounts =			1625.0	
2	2.667	2.673	-0.006	383428	2116.8	M
2	0.0	3.128	-3.128	0	0	
2	3.702	3.712	-0.010	603412	1606.2	M
2	4.200	4.207	-0.007	866462	1267.1	M
2	4.427	4.440	-0.013	625117	1182.3	M
		Average of Peak Amounts =			1543.1	
					RPD = 5.17	
$ 5 DCB Decachlorobiphenyl						M
1	10.655	10.655	0.0	156008	29.2	M
2	9.370	9.387	-0.017	230527	27.7	
					RPD = 5.31	

QC Flag Legend

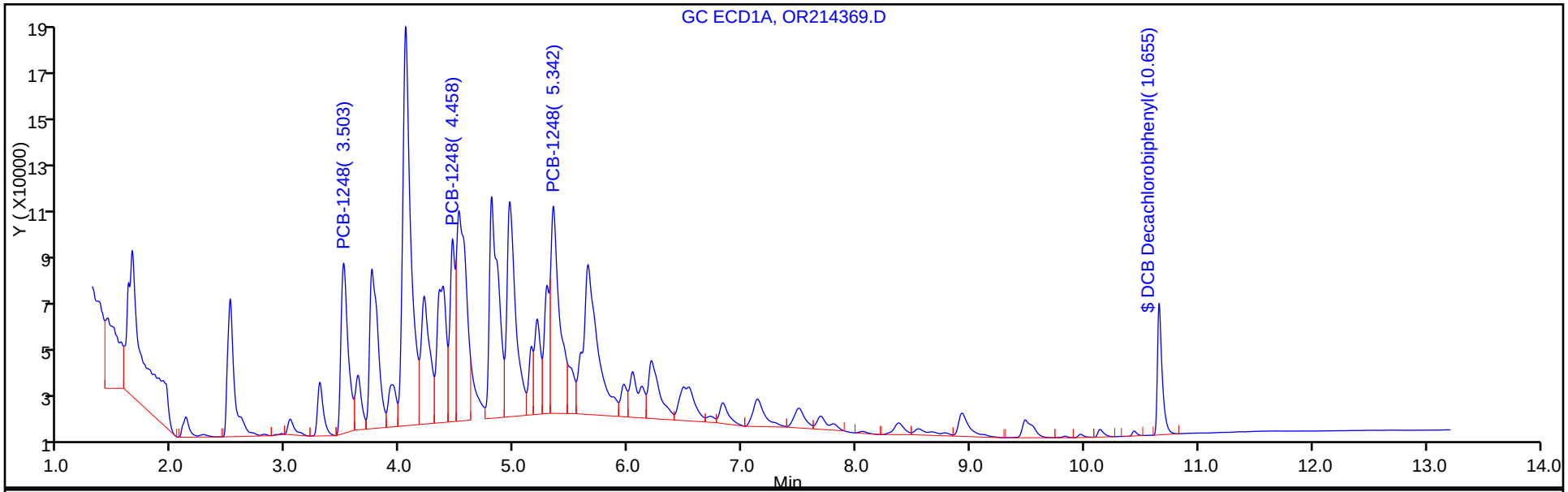
Review Flags
M - Manually Integrated

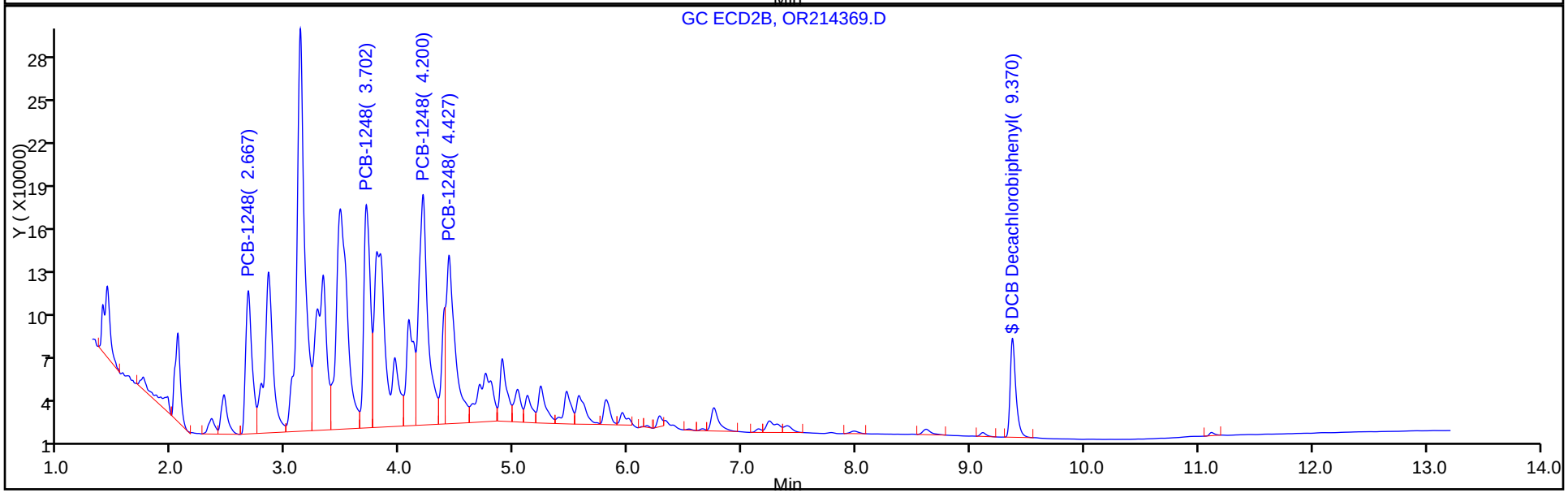
Report Date: 12-Mar-2014 11:26:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214369.D

Injection Date:	11-Mar-2014 17:03:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-8-A	Lab Sample ID:	460-72174-8	Worklist Smp#:	34
Client ID:	PMP-22SW-VS				
Injection Vol:	1.0 ul	Dil. Factor:	2.0000	ALS Bottle#:	34
Method:	8082GC7	Limit Group:	GC 8082 PCB		





Manual Integration/User Assign Peak Report

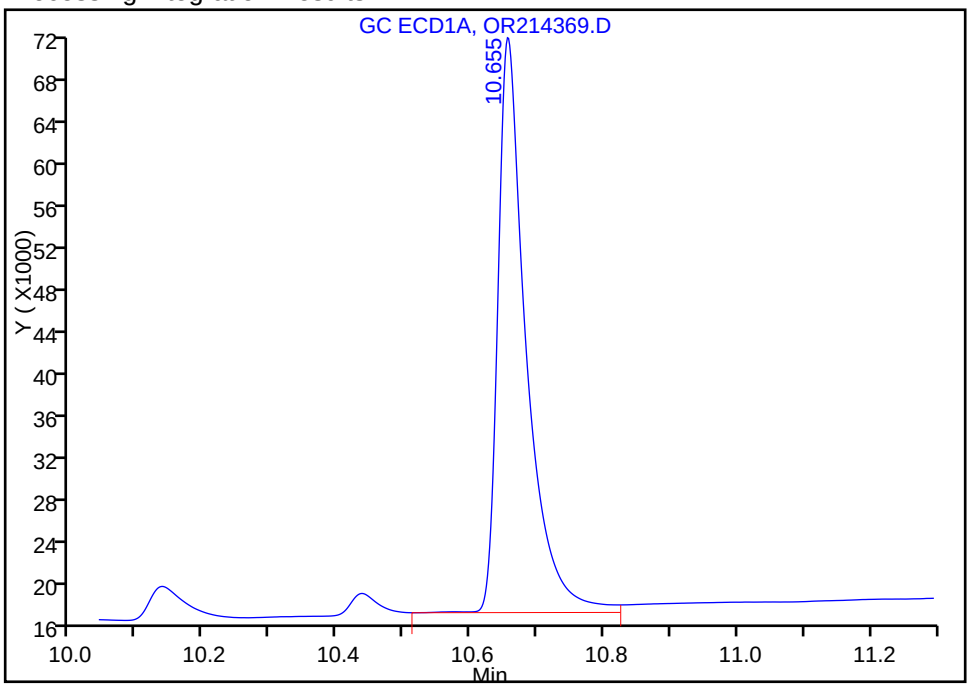
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214369.D				
Injection Date:	11-Mar-2014 17:03:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-8-A	Lab Sample ID:	460-72174-8		
Client ID:	PMP-22SW-VS				
Operator ID:		ALS Bottle#:	34	Worklist Smp#:	34
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD1A		

$ 5 DCB Decachlorobiphenyl, CAS: 2051-24-3

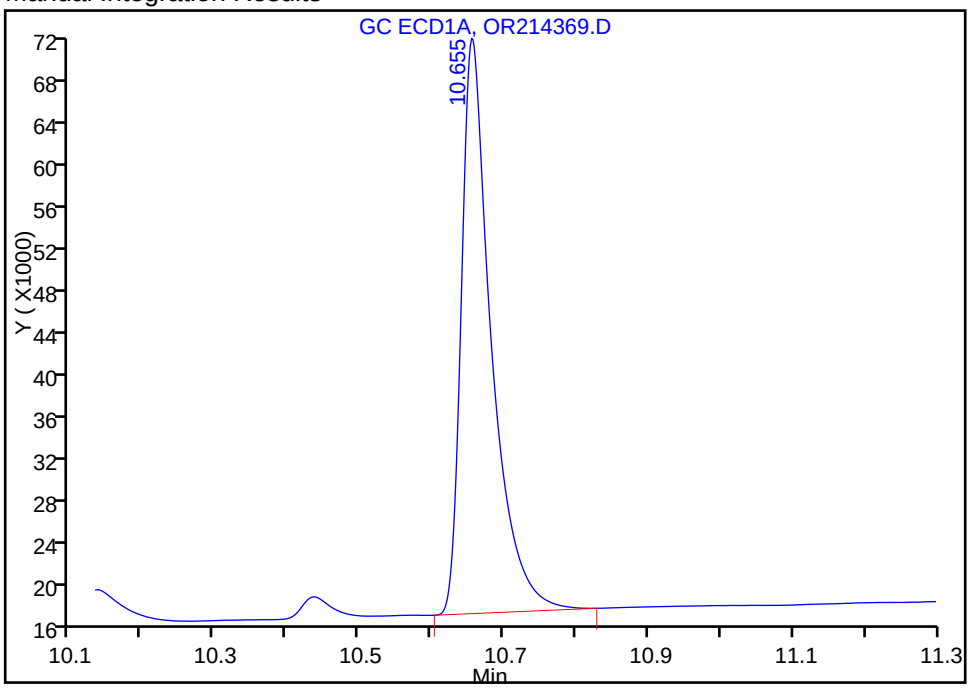
Processing Integration Results

RT: 10.66
Response: 161461
Amount: 30.183474



Manual Integration Results

RT: 10.66
Response: 156008
Amount: 29.164092



Reviewer: patelji, 12-Mar-2014 11:07:31
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

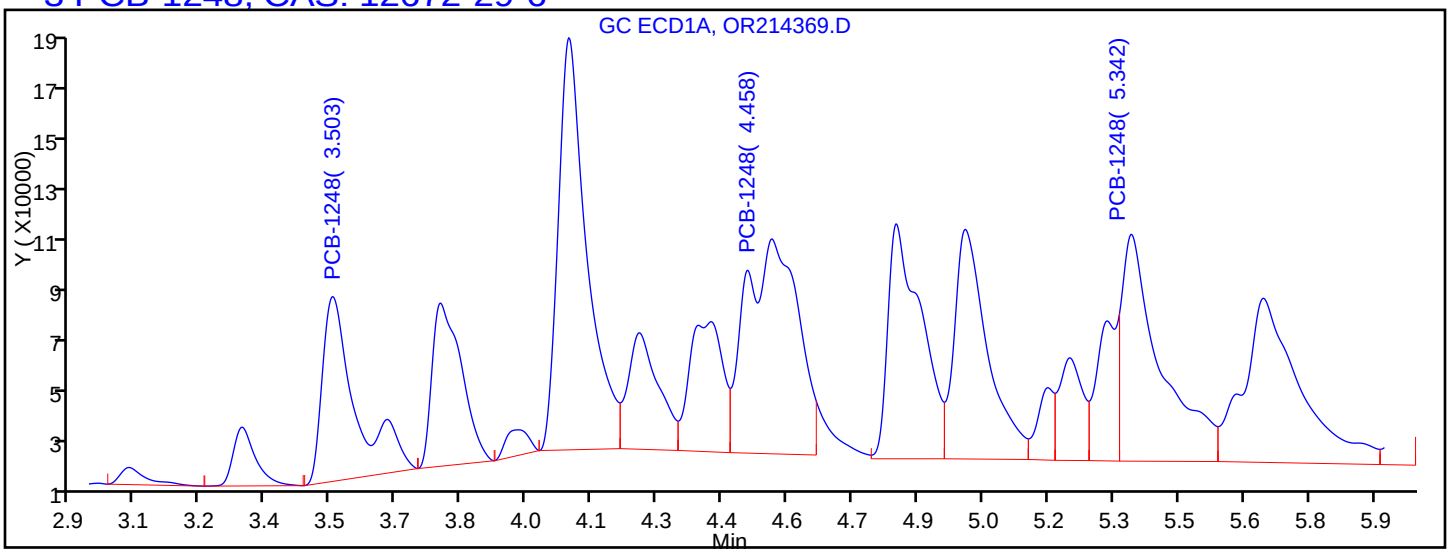
Report Date: 12-Mar-2014 11:26:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214369.D

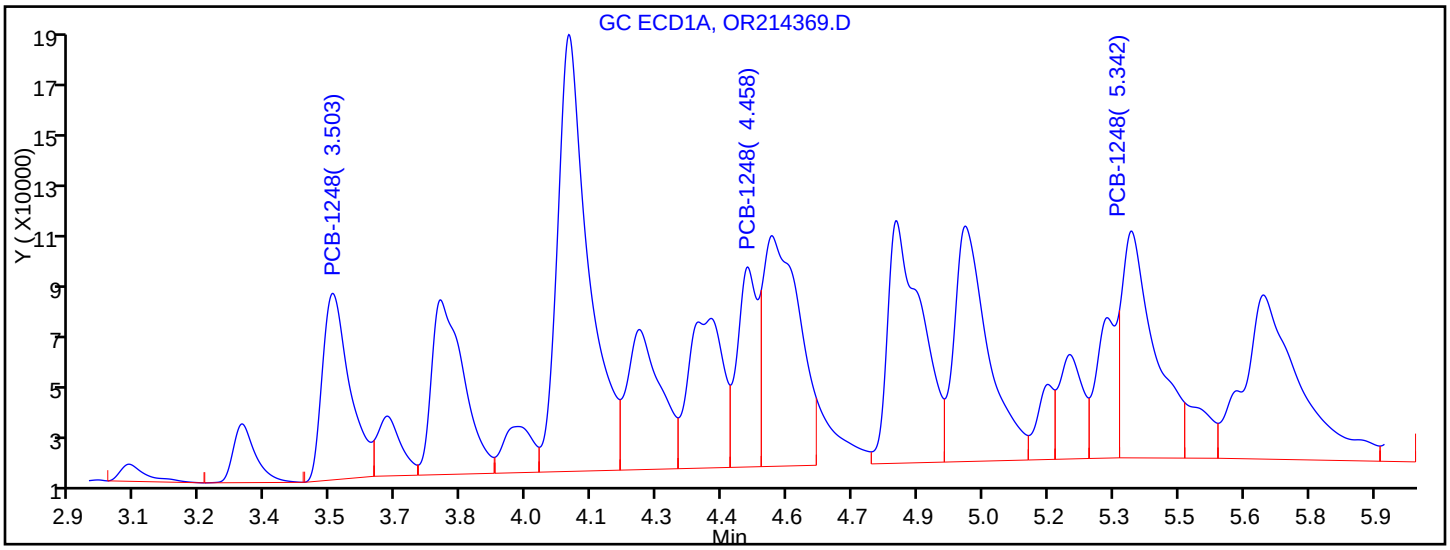
Injection Date:	11-Mar-2014 17:03:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-8-A	Lab Sample ID:	460-72174-8		
Client ID:	PMP-22SW-VS				
Operator ID:		ALS Bottle#:	34	Worklist Smp#:	34
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD1A		

3 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 3.503	Response = 367337	M
RT = 4.047	Response = 712692	
RT = 4.458	Response = 673381	M
RT = 5.315	Response = 180110	
RT = 5.342	Response = 520750	M



Manual Integration Results

RT = 3.503	Response = 300695	M
RT = 0.000	Response = 0	
RT = 4.458	Response = 251159	M
RT = 0.000	Response = 0	
RT = 5.342	Response = 440657	M

Reviewer: patelji, 12-Mar-2014 11:07:31

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-VS Lab Sample ID: 460-72174-8

Matrix: Solid Lab File ID: OR214369.D

Analysis Method: 8082 Date Collected: 03/06/2014 10:20

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.01(g) Date Analyzed: 03/11/2014 17:03

Con. Extract Vol.: 10(mL) Dilution Factor: 2

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212118 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	32	U	140	32
11104-28-2	Aroclor 1221	32	U	140	32
11141-16-5	Aroclor 1232	32	U	140	32
53469-21-9	Aroclor 1242	32	U	140	32
11097-69-1	Aroclor 1254	41	U	140	41
11096-82-5	Aroclor 1260	41	U	140	41
37324-23-5	Aroclor 1262	41	U	140	41
11100-14-4	Aroclor 1268	41	U	140	41

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214369.D
Lims ID: 460-72174-F-8-A Lab Sample ID: 460-72174-8
Client ID: PMP-22SW-VS
Sample Type: Client
Inject. Date: 11-Mar-2014 17:03:30 ALS Bottle#: 34 Worklist Smp#: 34
Injection Vol: 1.0 ul Dil. Factor: 2.0000
Sample Info: 460-0010709-034
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 12-Mar-2014 11:26:30 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 09:05:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
3 PCB-1248						M
1	3.503	3.513	-0.010	300695	2076.9	M
1	0.0	4.055	-4.055	0	0	
1	4.458	4.473	-0.015	251159	1539.3	M
1	0.0	5.298	-5.298	0	0	
1	5.342	5.355	-0.013	440657	1258.9	M
		Average of Peak Amounts =			1625.0	
2	2.667	2.673	-0.006	383428	2116.8	M
2	0.0	3.128	-3.128	0	0	
2	3.702	3.712	-0.010	603412	1606.2	M
2	4.200	4.207	-0.007	866462	1267.1	M
2	4.427	4.440	-0.013	625117	1182.3	M
		Average of Peak Amounts =			1543.1	
					RPD = 5.17	
$ 5 DCB Decachlorobiphenyl						M
1	10.655	10.655	0.0	156008	29.2	M
2	9.370	9.387	-0.017	230527	27.7	
					RPD = 5.31	

QC Flag Legend

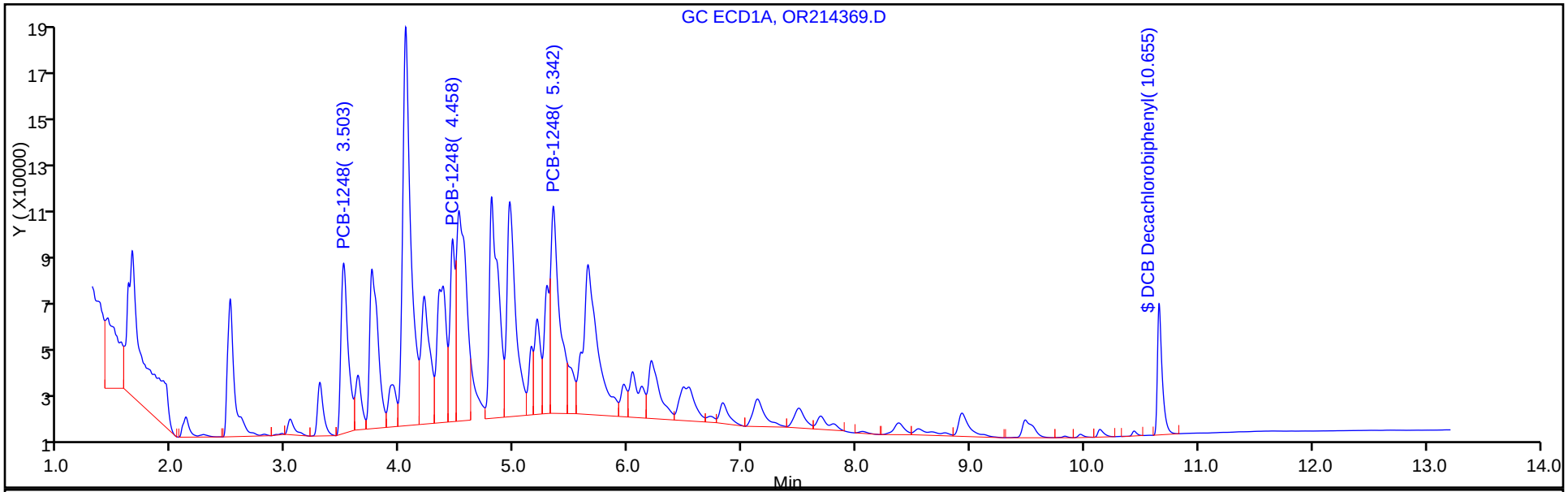
Review Flags
M - Manually Integrated

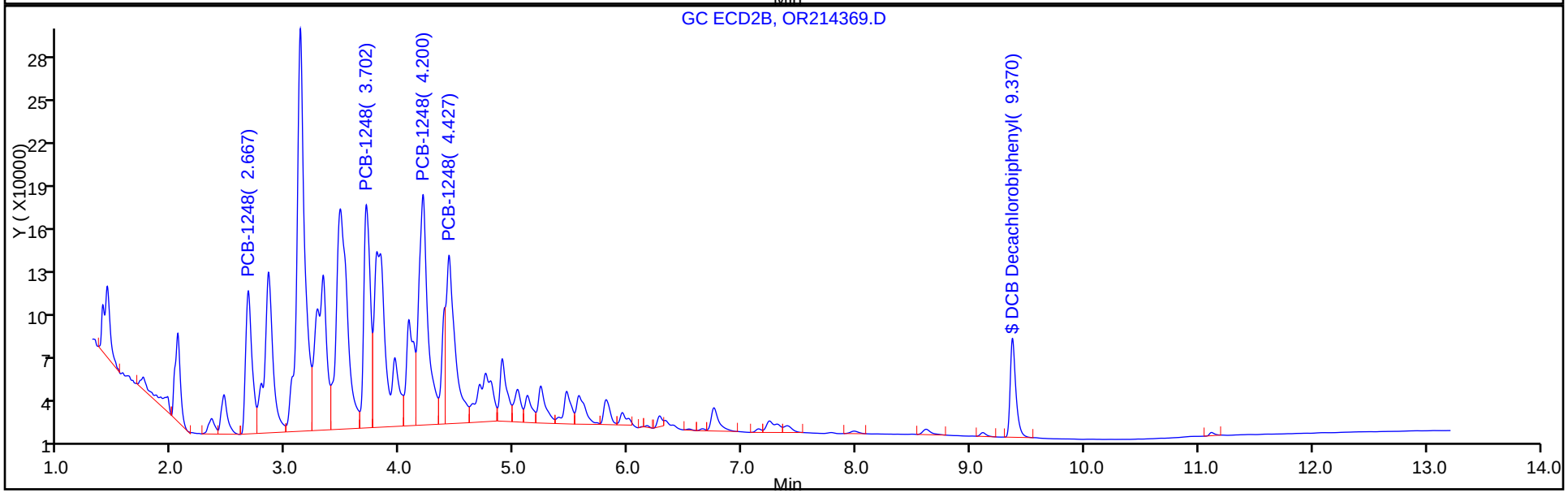
Report Date: 12-Mar-2014 11:26:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214369.D

Injection Date:	11-Mar-2014 17:03:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-8-A	Lab Sample ID:	460-72174-8	Worklist Smp#:	34
Client ID:	PMP-22SW-VS				
Injection Vol:	1.0 ul	Dil. Factor:	2.0000	ALS Bottle#:	34
Method:	8082GC7	Limit Group:	GC 8082 PCB		





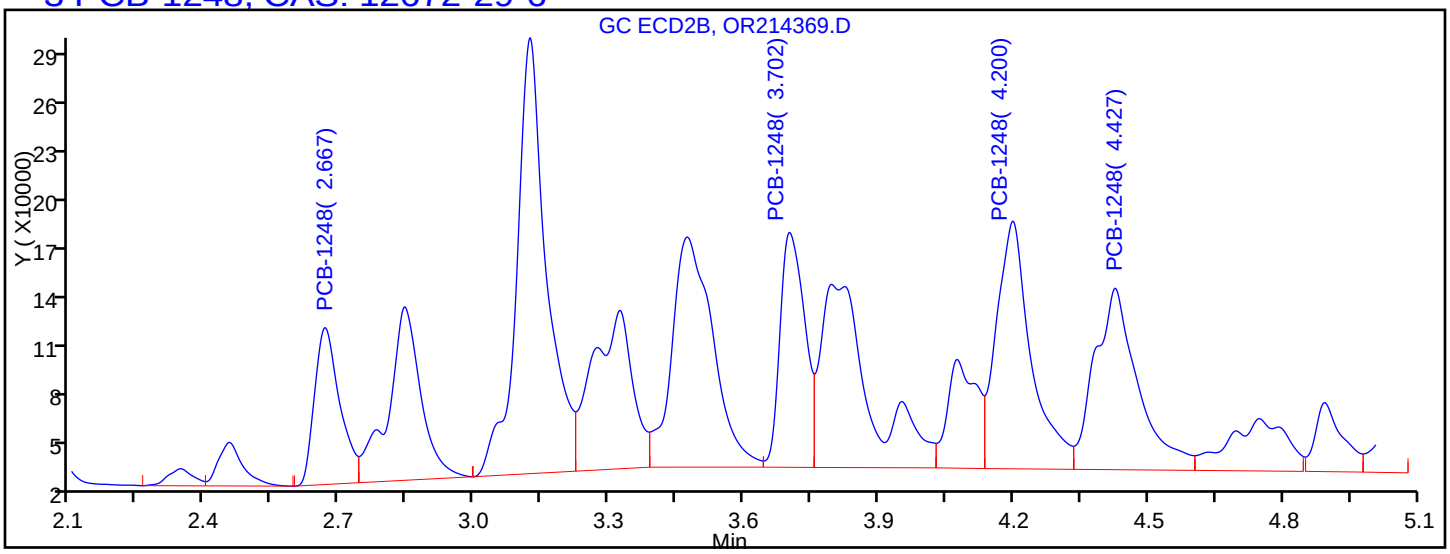
Report Date: 12-Mar-2014 11:26:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214369.D

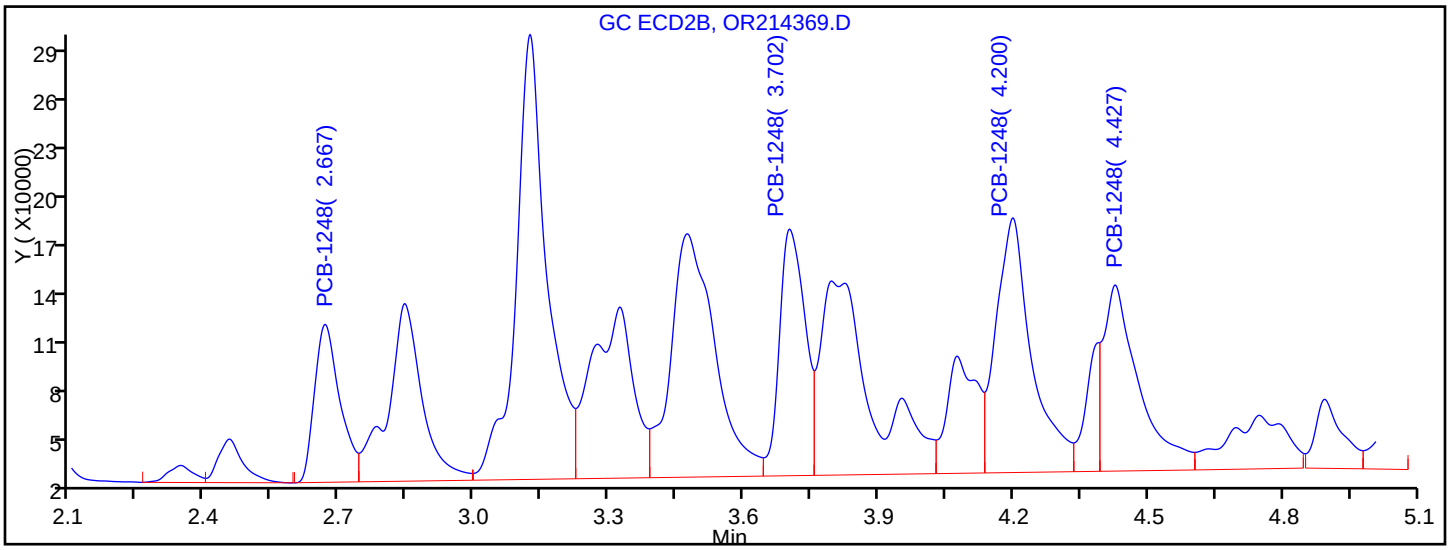
Injection Date:	11-Mar-2014 17:03:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-8-A	Lab Sample ID:	460-72174-8		
Client ID:	PMP-22SW-VS				
Operator ID:		ALS Bottle#:	34	Worklist Smp#:	34
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

3 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 2.667	Response = 377275	M
RT = 3.123	Response = 1249117	
RT = 3.702	Response = 554503	M
RT = 4.200	Response = 817934	M
RT = 4.427	Response = 750032	M



Manual Integration Results

RT = 2.667	Response = 383428	M
RT = 0.000	Response = 0	
RT = 3.702	Response = 603412	M
RT = 4.200	Response = 866462	M
RT = 4.427	Response = 625117	M

Reviewer: patelji, 12-Mar-2014 11:07:31

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-VD Lab Sample ID: 460-72174-9

Matrix: Solid Lab File ID: OR214322.D

Analysis Method: 8082 Date Collected: 03/06/2014 10:25

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.04(g) Date Analyzed: 03/11/2014 03:06

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214322.D
Lims ID: 460-72174-F-9-A Lab Sample ID: 460-72174-9
Client ID: PMP-22SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 03:06:30 ALS Bottle#: 70 Worklist Smp#: 70
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010655-070
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 15:41:47 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:50:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						M
1	10.652	10.655	-0.003	273754	51.2	M
2	9.372	9.387	-0.015	426350	51.1	
					RPD = 0.06	

QC Flag Legend

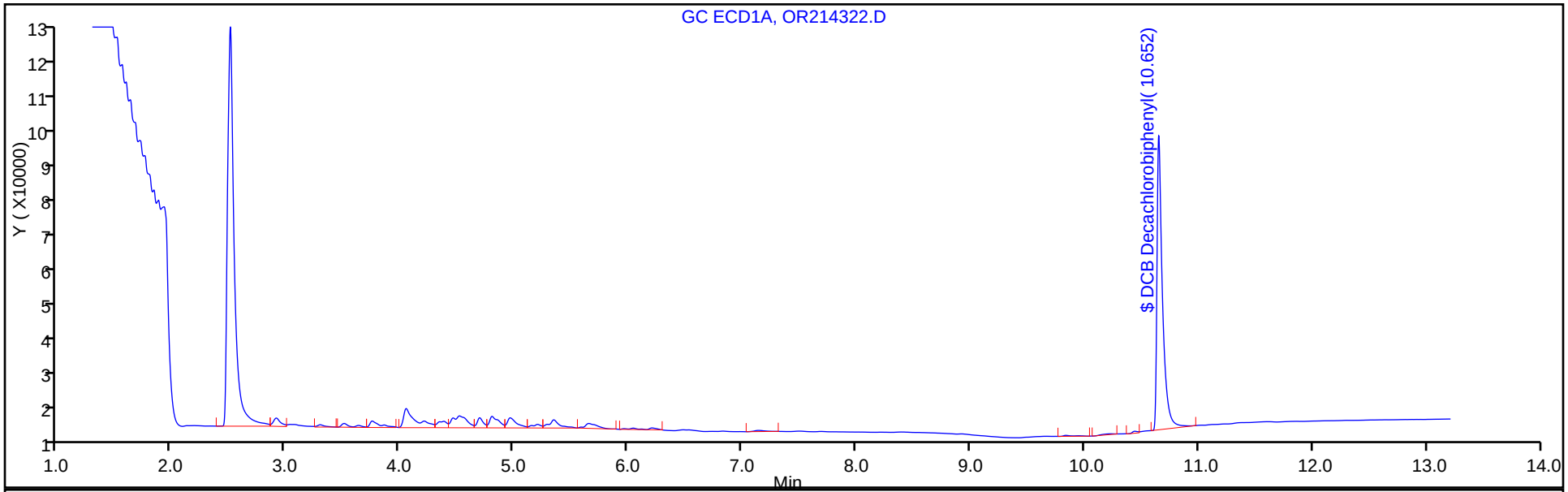
Review Flags
M - Manually Integrated

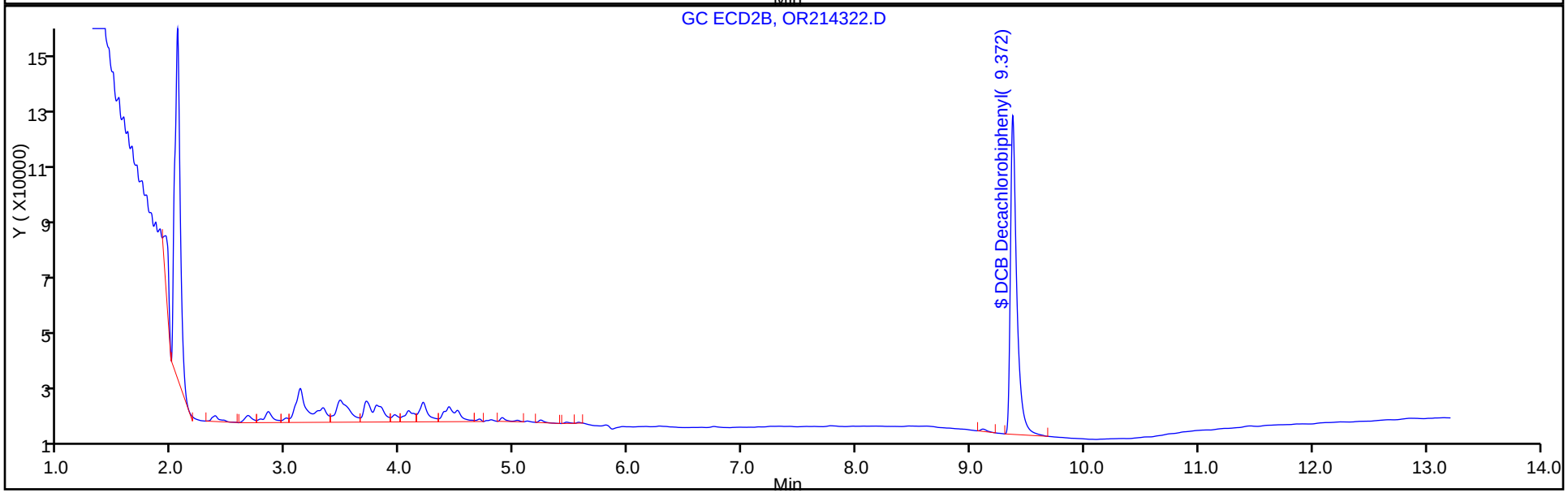
Report Date: 11-Mar-2014 15:42:29 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214322.D

Injection Date:	11-Mar-2014 03:06:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-9-A	Lab Sample ID:	460-72174-9	Worklist Smp#:	70
Client ID:	PMP-22SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	70
Method:	8082GC7	Limit Group:	GC 8082 PCB		





Manual Integration/User Assign Peak Report

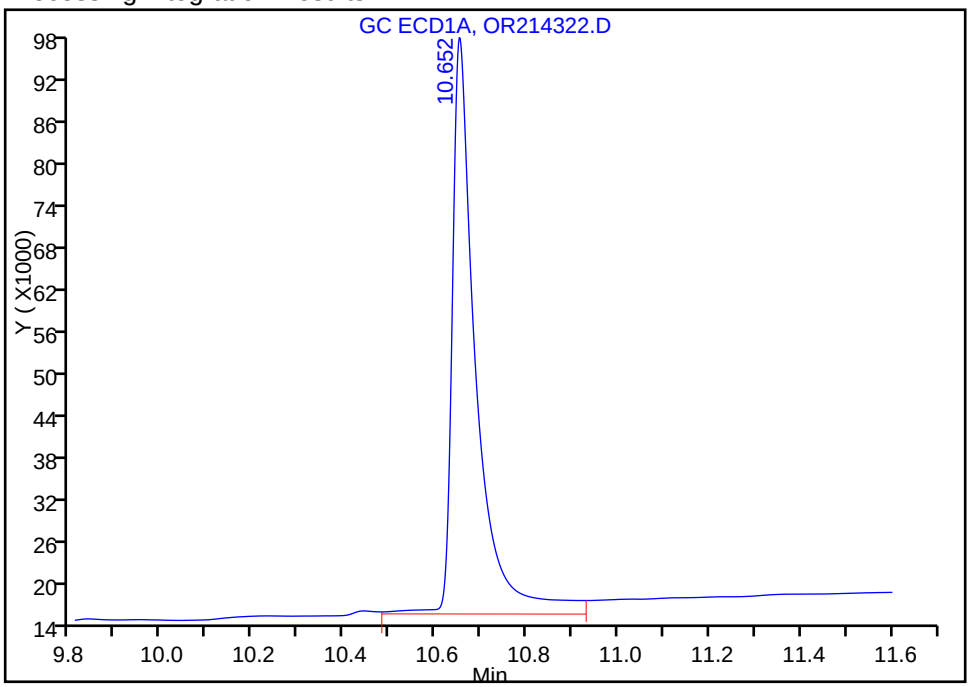
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214322.D				
Injection Date:	11-Mar-2014 03:06:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-9-A	Lab Sample ID:	460-72174-9		
Client ID:	PMP-22SW-VD				
Operator ID:		ALS Bottle#:	70	Worklist Smp#:	70
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD1A		

$ 5 DCB Decachlorobiphenyl, CAS: 2051-24-3

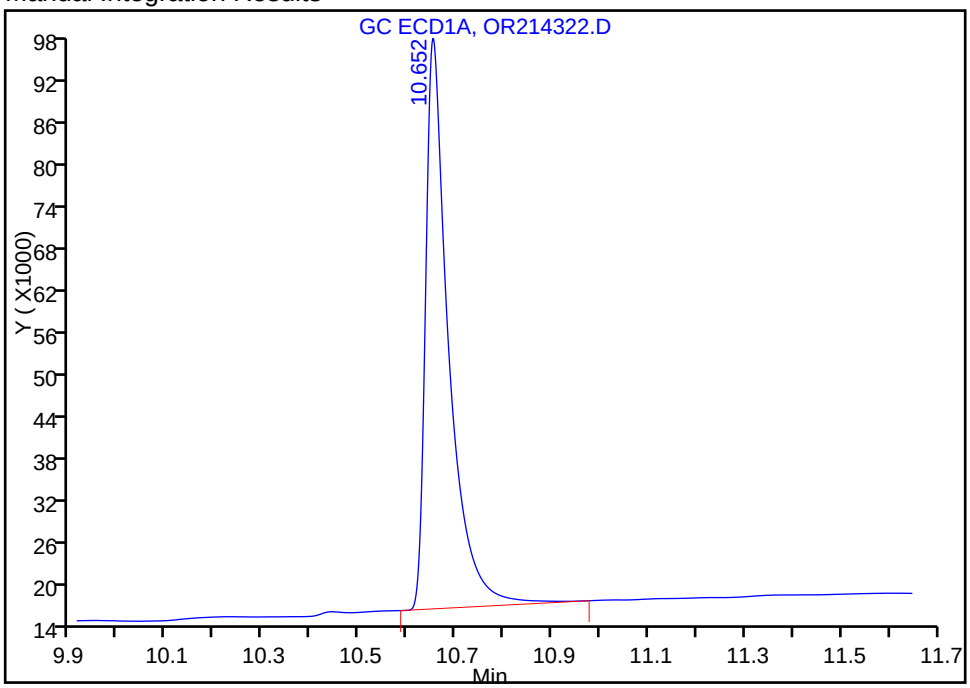
Processing Integration Results

RT: 10.65
Response: 302007
Amount: 56.457104



Manual Integration Results

RT: 10.65
Response: 273754
Amount: 51.175496



Reviewer: patelji, 11-Mar-2014 12:50:42
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-VD | Lab Sample ID: 460-72174-9

Matrix: Solid | Lab File ID: OR214322.D

Analysis Method: 8082 | Date Collected: 03/06/2014 10:25

Extraction Method: 3546 | Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.04(g) | Date Analyzed: 03/11/2014 03:06

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	70	16
11104-28-2	Aroclor 1221	16	U	70	16
11141-16-5	Aroclor 1232	16	U	70	16
53469-21-9	Aroclor 1242	16	U	70	16
12672-29-6	Aroclor 1248	16	U	70	16
11097-69-1	Aroclor 1254	20	U	70	20
11096-82-5	Aroclor 1260	20	U	70	20
37324-23-5	Aroclor 1262	20	U	70	20
11100-14-4	Aroclor 1268	20	U	70	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214322.D
Lims ID: 460-72174-F-9-A Lab Sample ID: 460-72174-9
Client ID: PMP-22SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 03:06:30 ALS Bottle#: 70 Worklist Smp#: 70
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010655-070
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 15:41:47 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:50:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						M
1	10.652	10.655	-0.003	273754	51.2	M
2	9.372	9.387	-0.015	426350	51.1	
					RPD = 0.06	

QC Flag Legend

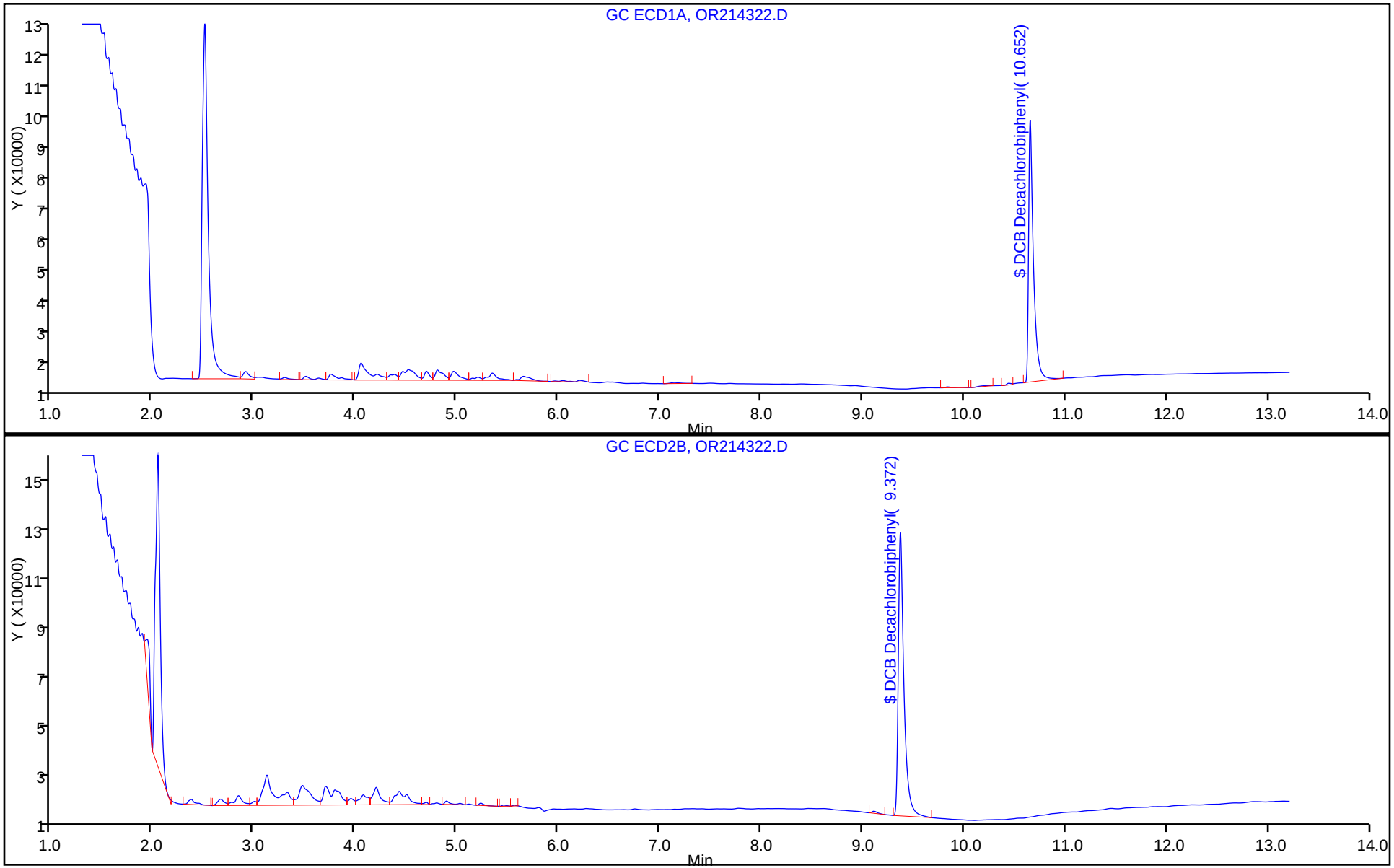
Review Flags
M - Manually Integrated

Report Date: 11-Mar-2014 15:42:29 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214322.D

Injection Date:	11-Mar-2014 03:06:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-9-A	Lab Sample ID:	460-72174-9	Worklist Smp#:	70
Client ID:	PMP-22SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	70
Method:	8082GC7	Limit Group:	GC 8082 PCB		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-WT Lab Sample ID: 460-72174-10

Matrix: Solid Lab File ID: OR214323.D

Analysis Method: 8082 Date Collected: 03/06/2014 10:30

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.02(g) Date Analyzed: 03/11/2014 03:22

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214323.D
Lims ID: 460-72174-F-10-A Lab Sample ID: 460-72174-10
Client ID: PMP-22SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 03:22:30 ALS Bottle#: 71 Worklist Smp#: 71
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010655-071
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 15:41:47 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:50:51

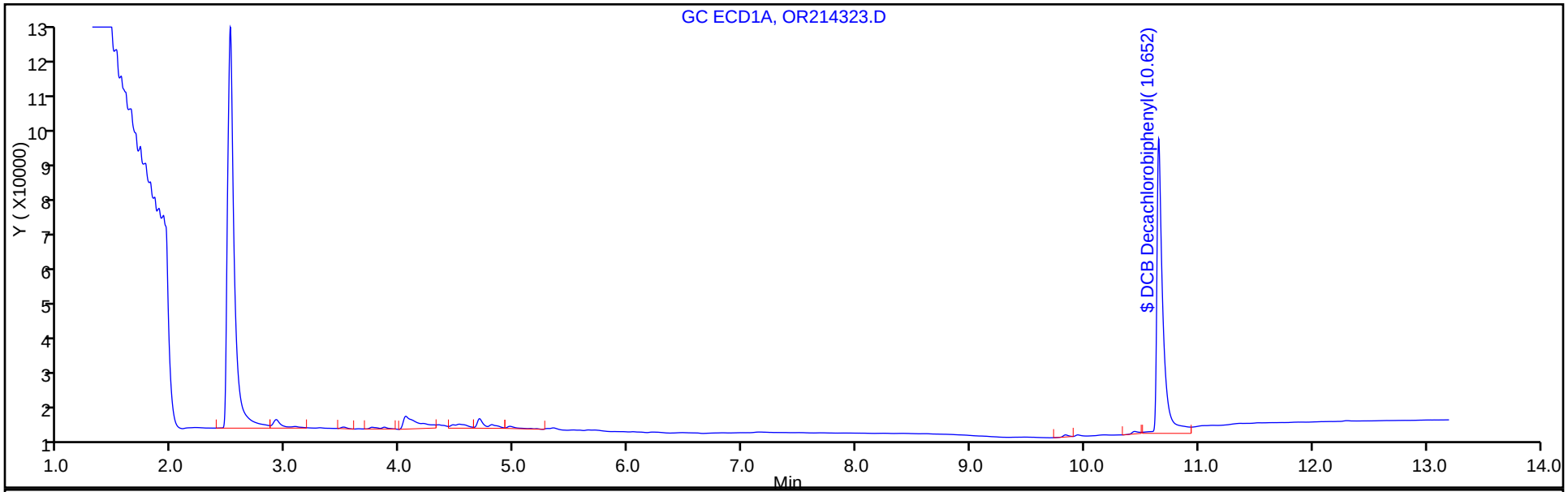
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.652	10.655	-0.003	280228	52.4	
2	9.372	9.387	-0.015	432935	51.9	
					RPD = 0.86	

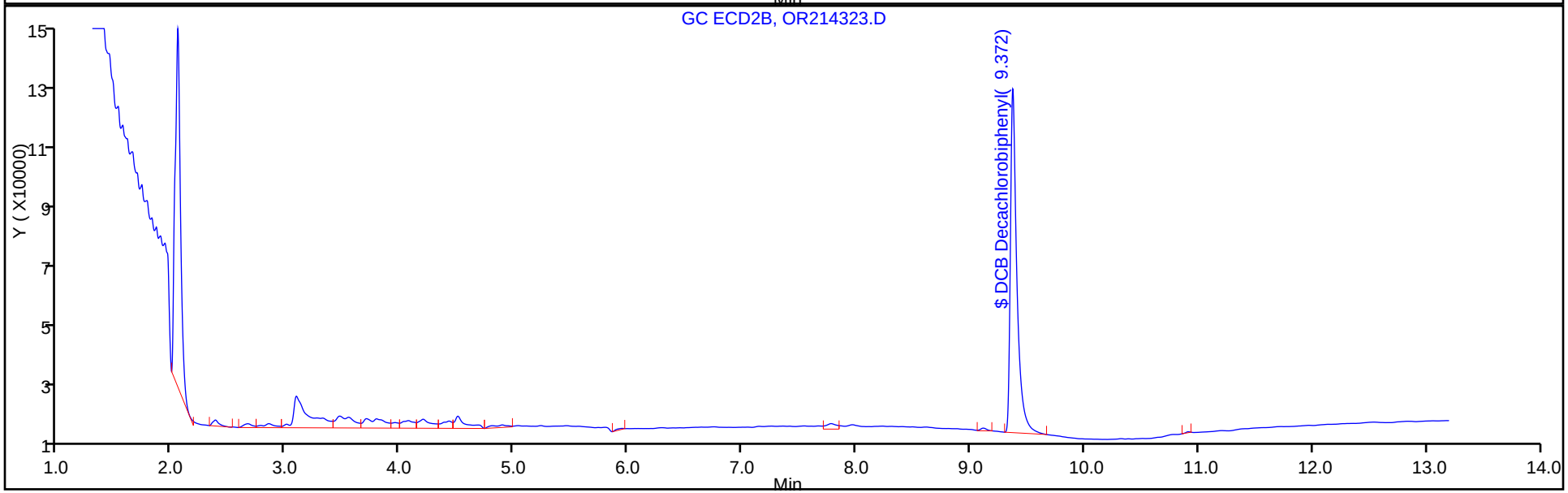
Report Date: 11-Mar-2014 15:42:30 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214323.D

Injection Date:	11-Mar-2014 03:22:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-10-A	Lab Sample ID:	460-72174-10	Worklist Smp#:	71
Client ID:	PMP-22SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	71
Method:	8082GC7	Limit Group:	GC 8082 PCB		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-WT | Lab Sample ID: 460-72174-10

Matrix: Solid | Lab File ID: OR214323.D

Analysis Method: 8082 | Date Collected: 03/06/2014 10:30

Extraction Method: 3546 | Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.02(g) | Date Analyzed: 03/11/2014 03:22

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	75	17
11104-28-2	Aroclor 1221	17	U	75	17
11141-16-5	Aroclor 1232	17	U	75	17
53469-21-9	Aroclor 1242	17	U	75	17
12672-29-6	Aroclor 1248	17	U	75	17
11097-69-1	Aroclor 1254	21	U	75	21
11096-82-5	Aroclor 1260	21	U	75	21
37324-23-5	Aroclor 1262	21	U	75	21
11100-14-4	Aroclor 1268	21	U	75	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214323.D
Lims ID: 460-72174-F-10-A Lab Sample ID: 460-72174-10
Client ID: PMP-22SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 03:22:30 ALS Bottle#: 71 Worklist Smp#: 71
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010655-071
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 15:41:47 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:50:51

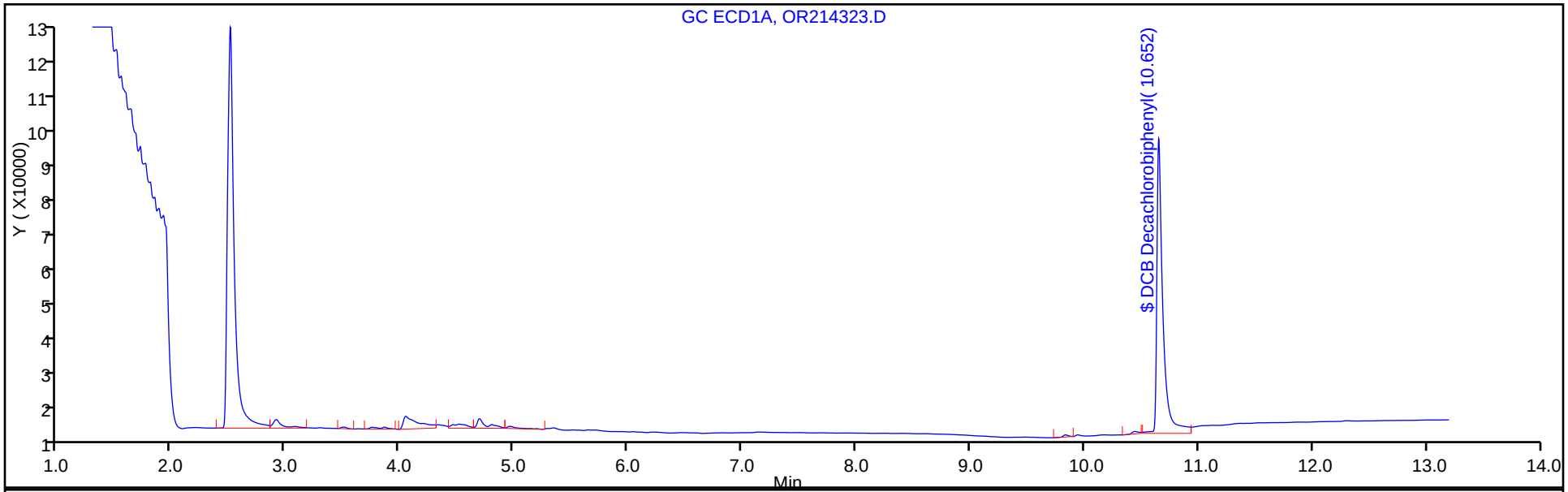
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.652	10.655	-0.003	280228	52.4	
2	9.372	9.387	-0.015	432935	51.9	
					RPD = 0.86	

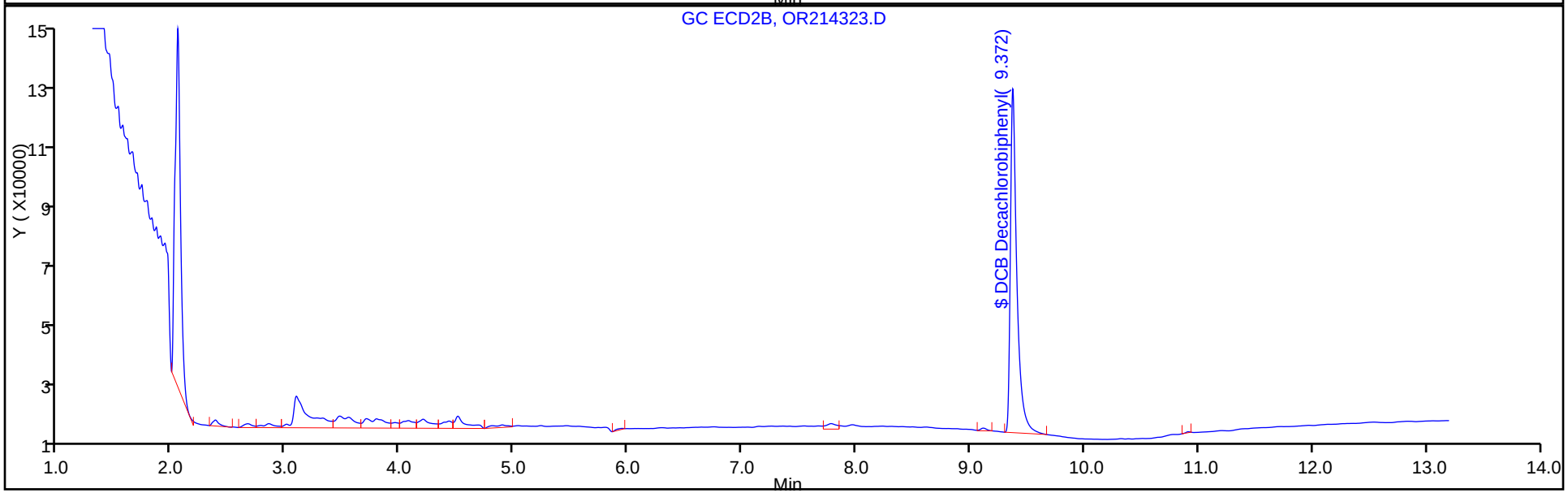
Report Date: 11-Mar-2014 15:42:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214323.D

Injection Date:	11-Mar-2014 03:22:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-10-A	Lab Sample ID:	460-72174-10	Worklist Smp#:	71
Client ID:	PMP-22SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	71
Method:	8082GC7	Limit Group:	GC 8082 PCB		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-WT | Lab Sample ID: 460-72174-11

Matrix: Solid | Lab File ID: OR214370.D

Analysis Method: 8082 | Date Collected: 03/06/2014 10:55

Extraction Method: 3546 | Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.02(g) | Date Analyzed: 03/11/2014 17:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212118 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	47000		3600	800

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X*	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214370.D
Lims ID: 460-72174-F-11-A Lab Sample ID: 460-72174-11
Client ID: PMP-5SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 17:20:30 ALS Bottle#: 35 Worklist Smp#: 35
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info: 460-0010709-035
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 12-Mar-2014 11:26:30 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 11:08:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.037	3.042	-0.005	181976	1274.4	M
1	3.505	3.513	-0.008	325843	1241.3	M
1	4.047	4.055	-0.008	591810	1303.9	M
1	4.217	4.225	-0.008	283199	1286.8	M
1	5.343	5.355	-0.012	304758	1497.5	M
		Average of Peak Amounts =			1320.8	
2	2.343	2.345	-0.002	216713	1074.2	M
2	2.667	2.672	-0.005	354309	1121.6	M
2	3.120	3.127	-0.007	833493	1265.3	M
2	3.265	3.272	-0.007	308539	1339.3	M
2	3.703	3.712	-0.009	327200	1233.8	M
		Average of Peak Amounts =			1206.8	
				RPD =	9.02	
10 PCB-1260						
1	0.0	6.505	-6.505	0	0	
1	6.830	6.845	-0.015	128734	281.3	
1	8.375	8.400	-0.025	85422	237.3	
1	8.928	8.942	-0.014	183793	244.2	M
1	10.140	10.143	-0.003	46800	237.5	
		Average of Peak Amounts =			250.1	
2	5.115	5.130	-0.015	160266	338.5	M
2	6.275	6.290	-0.015	106764	273.0	M
2	6.752	6.768	-0.016	298293	277.0	
2	7.240	7.258	-0.018	102587	246.1	
2	8.613	8.633	-0.020	80236	234.6	
		Average of Peak Amounts =			273.8	
				RPD =	9.08	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags

QC Flag Legend

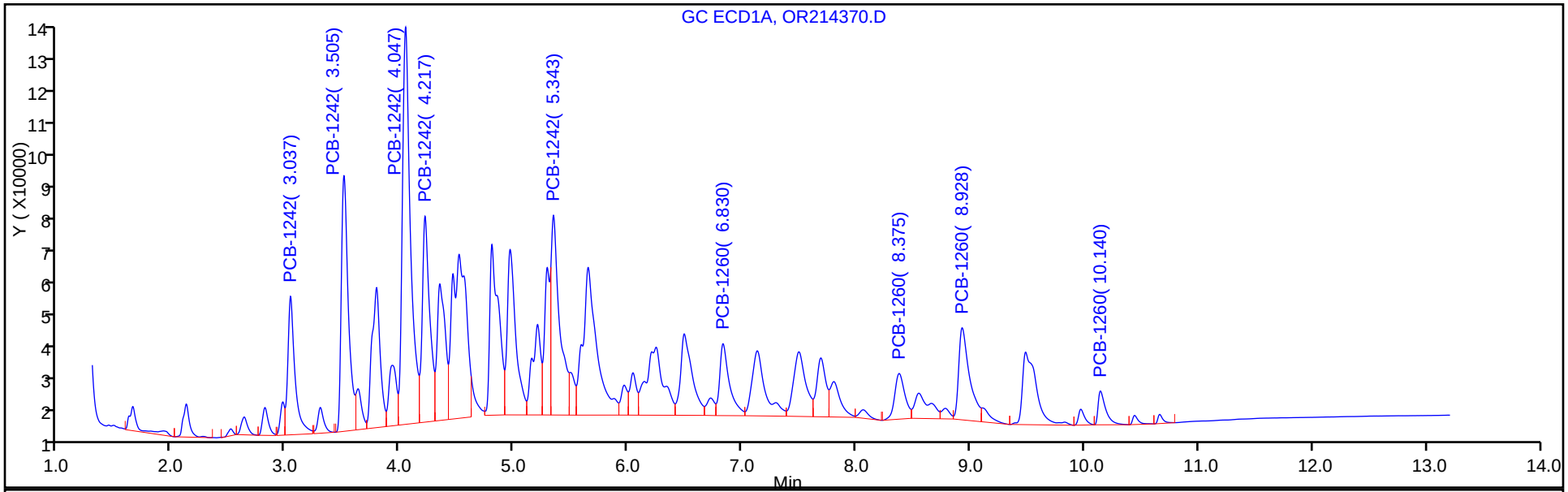
Review Flags
M - Manually Integrated

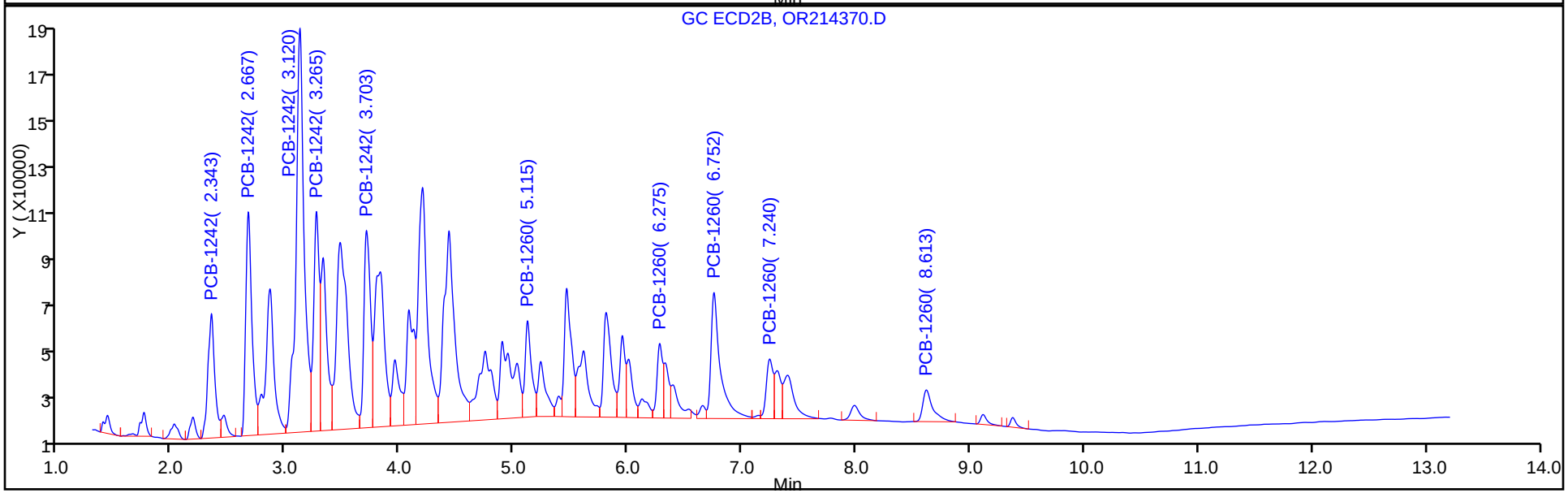
Report Date: 12-Mar-2014 11:26:36 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214370.D

Injection Date:	11-Mar-2014 17:20:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-11-A	Lab Sample ID:	460-72174-11	Worklist Smp#:	35
Client ID:	PMP-5SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	50.0000	ALS Bottle#:	35
Method:	8082GC7	Limit Group:	GC 8082 PCB		





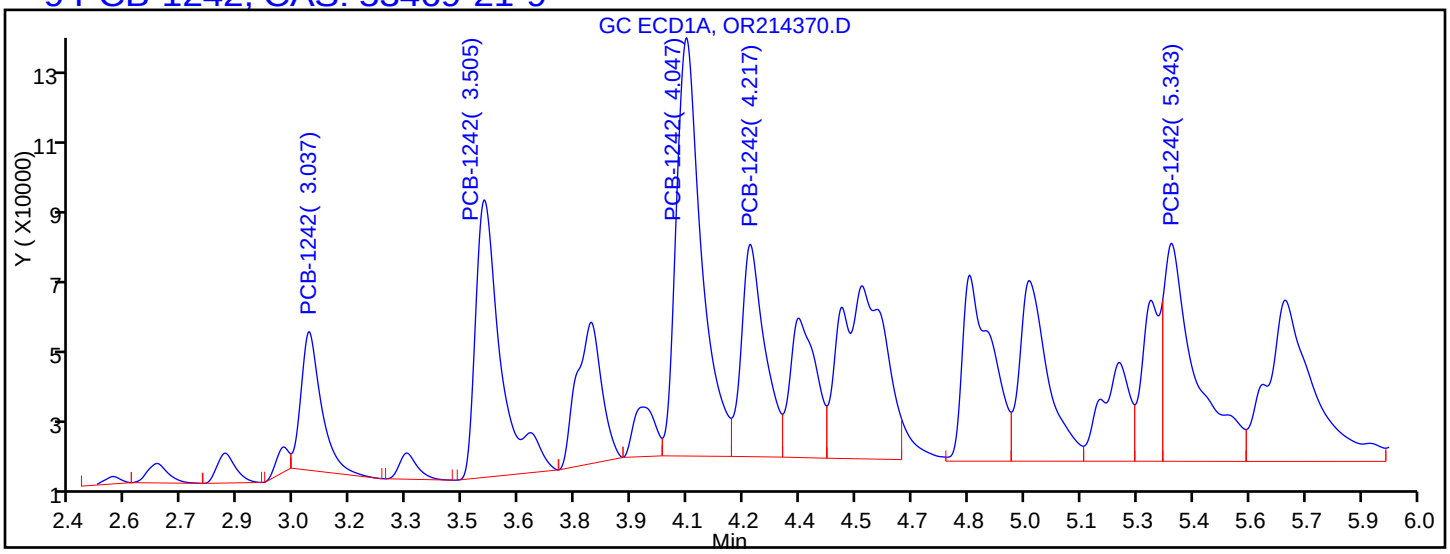
Report Date: 12-Mar-2014 11:26:36 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214370.D

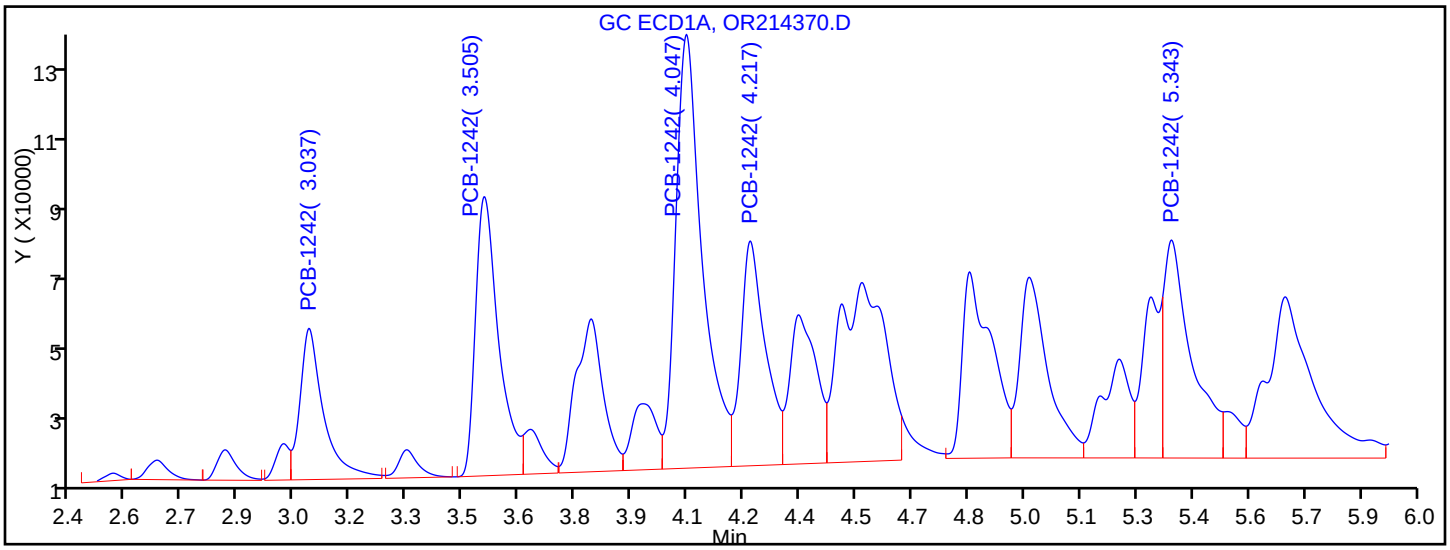
Injection Date:	11-Mar-2014 17:20:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-11-A	Lab Sample ID:	460-72174-11		
Client ID:	PMP-5SW-WT				
Operator ID:		ALS Bottle#:	35	Worklist Smp#:	35
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD1A		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.037	Response = 145819	M
RT = 3.505	Response = 359249	M
RT = 4.047	Response = 546250	M
RT = 4.217	Response = 256057	M
RT = 5.343	Response = 346359	M



Manual Integration Results

RT = 3.037	Response = 181976	M
RT = 3.505	Response = 325843	M
RT = 4.047	Response = 591810	M
RT = 4.217	Response = 283199	M
RT = 5.343	Response = 304758	M

Reviewer: patelji, 12-Mar-2014 11:08:35

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-WT Lab Sample ID: 460-72174-11

Matrix: Solid Lab File ID: OR214370.D

Analysis Method: 8082 Date Collected: 03/06/2014 10:55

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.02(g) Date Analyzed: 03/11/2014 17:20

Con. Extract Vol.: 10(mL) Dilution Factor: 50

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212118 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	800	U	3600	800
11104-28-2	Aroclor 1221	800	U	3600	800
11141-16-5	Aroclor 1232	800	U	3600	800
12672-29-6	Aroclor 1248	800	U	3600	800
11097-69-1	Aroclor 1254	1000	U	3600	1000
11096-82-5	Aroclor 1260	9700		3600	1000
37324-23-5	Aroclor 1262	1000	U	3600	1000
11100-14-4	Aroclor 1268	1000	U	3600	1000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214370.D
Lims ID: 460-72174-F-11-A Lab Sample ID: 460-72174-11
Client ID: PMP-5SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 17:20:30 ALS Bottle#: 35 Worklist Smp#: 35
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info: 460-0010709-035
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 12-Mar-2014 11:26:30 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 11:08:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.037	3.042	-0.005	181976	1274.4	M
1	3.505	3.513	-0.008	325843	1241.3	M
1	4.047	4.055	-0.008	591810	1303.9	M
1	4.217	4.225	-0.008	283199	1286.8	M
1	5.343	5.355	-0.012	304758	1497.5	M
		Average of Peak Amounts =			1320.8	
2	2.343	2.345	-0.002	216713	1074.2	M
2	2.667	2.672	-0.005	354309	1121.6	M
2	3.120	3.127	-0.007	833493	1265.3	M
2	3.265	3.272	-0.007	308539	1339.3	M
2	3.703	3.712	-0.009	327200	1233.8	M
		Average of Peak Amounts =			1206.8	
				RPD =	9.02	
10 PCB-1260						
1	0.0	6.505	-6.505	0	0	
1	6.830	6.845	-0.015	128734	281.3	
1	8.375	8.400	-0.025	85422	237.3	
1	8.928	8.942	-0.014	183793	244.2	M
1	10.140	10.143	-0.003	46800	237.5	
		Average of Peak Amounts =			250.1	
2	5.115	5.130	-0.015	160266	338.5	M
2	6.275	6.290	-0.015	106764	273.0	M
2	6.752	6.768	-0.016	298293	277.0	
2	7.240	7.258	-0.018	102587	246.1	
2	8.613	8.633	-0.020	80236	234.6	
		Average of Peak Amounts =			273.8	
				RPD =	9.08	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags

QC Flag Legend

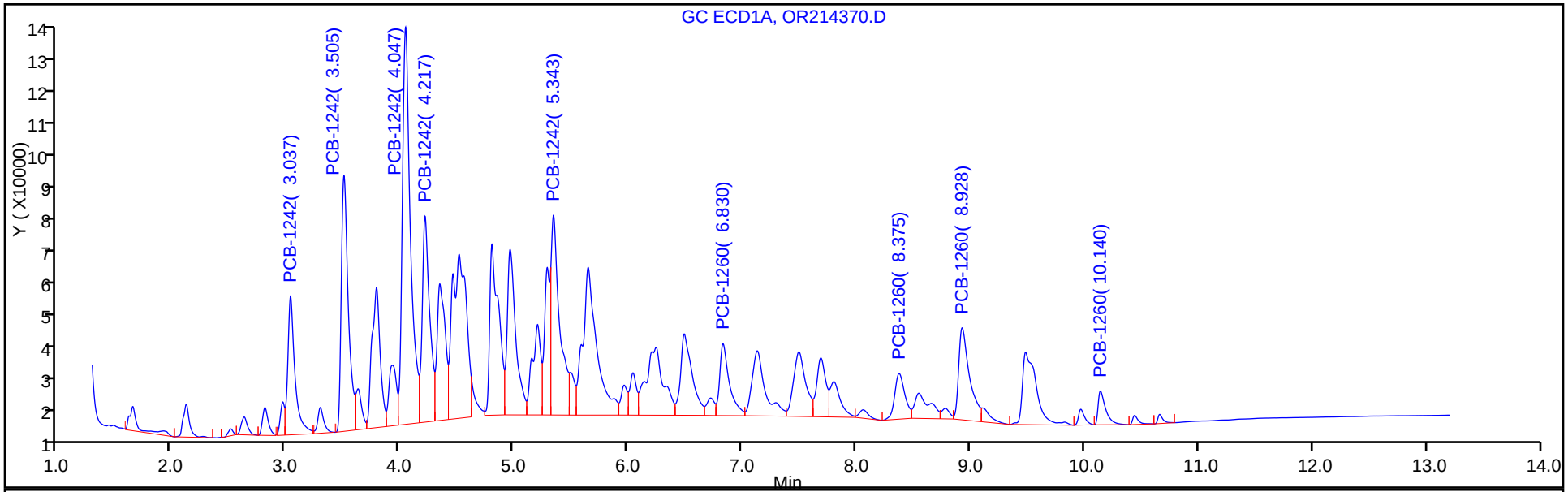
Review Flags
M - Manually Integrated

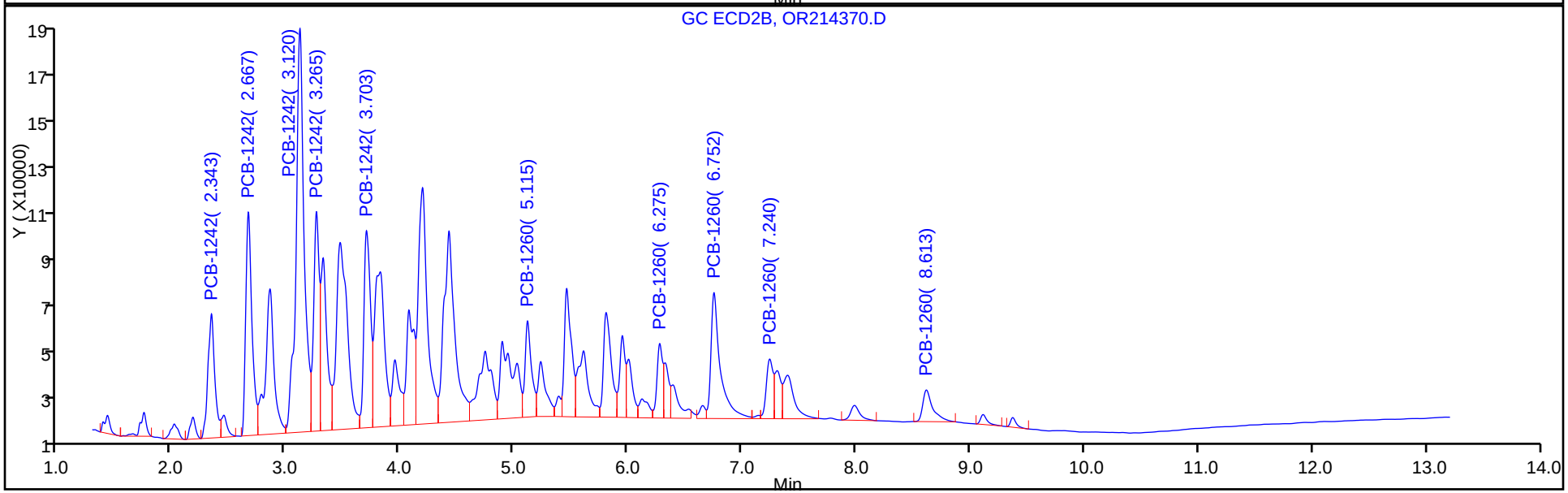
Report Date: 12-Mar-2014 11:26:36 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214370.D

Injection Date:	11-Mar-2014 17:20:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-11-A	Lab Sample ID:	460-72174-11	Worklist Smp#:	35
Client ID:	PMP-5SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	50.0000	ALS Bottle#:	35
Method:	8082GC7	Limit Group:	GC 8082 PCB		





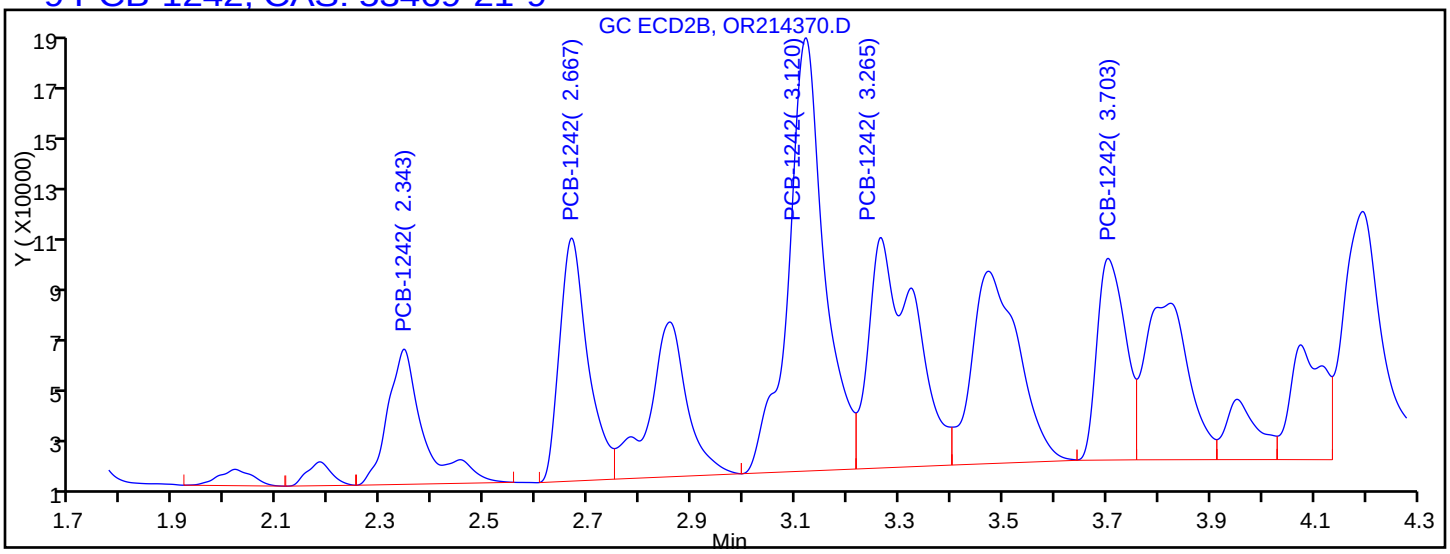
Report Date: 12-Mar-2014 11:26:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214370.D

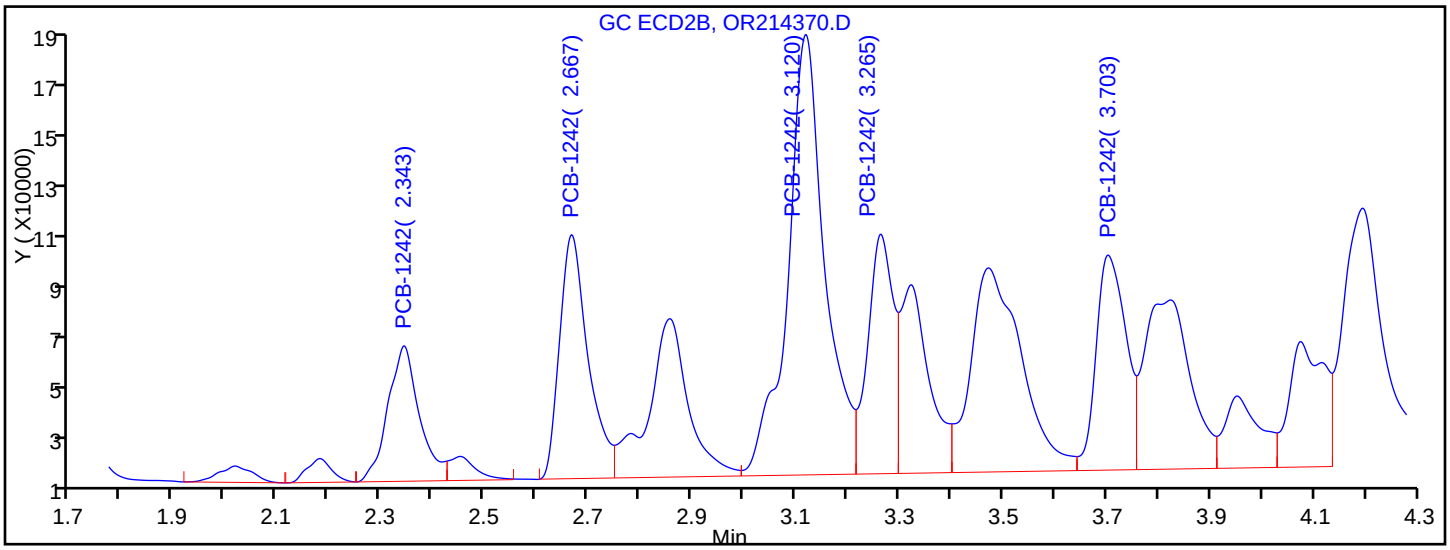
Injection Date:	11-Mar-2014 17:20:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-11-A	Lab Sample ID:	460-72174-11		
Client ID:	PMP-5SW-WT				
Operator ID:		ALS Bottle#:	35	Worklist Smp#:	35
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.343	Response = 245968	M
RT = 2.667	Response = 351069	M
RT = 3.120	Response = 798567	M
RT = 3.265	Response = 541964	M
RT = 3.703	Response = 292410	M



Manual Integration Results

RT = 2.343	Response = 216713	M
RT = 2.667	Response = 354309	M
RT = 3.120	Response = 833493	M
RT = 3.265	Response = 308539	M
RT = 3.703	Response = 327200	M

Reviewer: patelji, 12-Mar-2014 11:08:35

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-SI Lab Sample ID: 460-72174-12

Matrix: Solid Lab File ID: OR214371.D

Analysis Method: 8082 Date Collected: 03/06/2014 11:00

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.03(g) Date Analyzed: 03/11/2014 17:36

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212118 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	22000		1500	350

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X*	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214371.D
Lims ID: 460-72174-F-12-A Lab Sample ID: 460-72174-12
Client ID: PMP-5SW-SI
Sample Type: Client
Inject. Date: 11-Mar-2014 17:36:30 ALS Bottle#: 36 Worklist Smp#: 36
Injection Vol: 1.0 ul Dil. Factor: 20.0000
Sample Info: 460-0010709-036
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 12-Mar-2014 11:26:30 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 11:10:14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						
1	3.032	3.042	-0.010	236429	1655.8	M
1	3.500	3.513	-0.013	365324	1391.7	M
1	4.042	4.055	-0.013	634917	1398.9	M
1	4.212	4.225	-0.013	287404	1305.9	M
1	5.340	5.355	-0.015	293341	1441.4	
		Average of Peak Amounts =			1438.8	
2	2.340	2.345	-0.005	268527	1331.1	
2	2.665	2.672	-0.007	374499	1185.5	M
2	3.118	3.127	-0.009	813552	1235.0	M
2	3.263	3.272	-0.009	298071	1293.9	M
2	0.0	3.712	-3.712	0	0	
		Average of Peak Amounts =			1261.4	
				RPD = 13.14		
10 PCB-1260						M
1	6.487	6.505	-0.018	146203	372.7	
1	6.827	6.845	-0.018	103826	226.8	
1	8.372	8.400	-0.028	74724	207.6	
1	8.925	8.942	-0.017	175458	233.1	M
1	10.138	10.143	-0.005	41812	212.2	
		Average of Peak Amounts =			250.5	
2	5.115	5.130	-0.015	131345	277.4	M
2	6.275	6.290	-0.015	101690	260.0	M
2	6.752	6.768	-0.016	303237	281.6	
2	7.238	7.258	-0.020	127183	305.1	
2	8.613	8.633	-0.020	83119	243.0	
		Average of Peak Amounts =			273.4	
				RPD = 8.76		

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags

QC Flag Legend

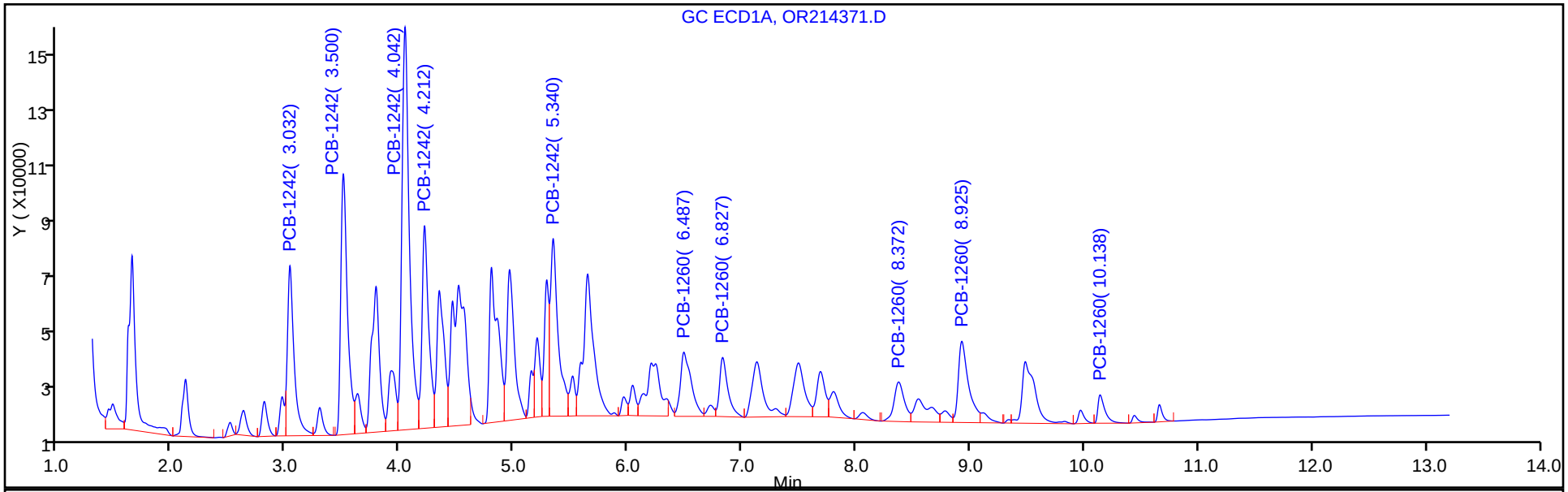
Review Flags
M - Manually Integrated

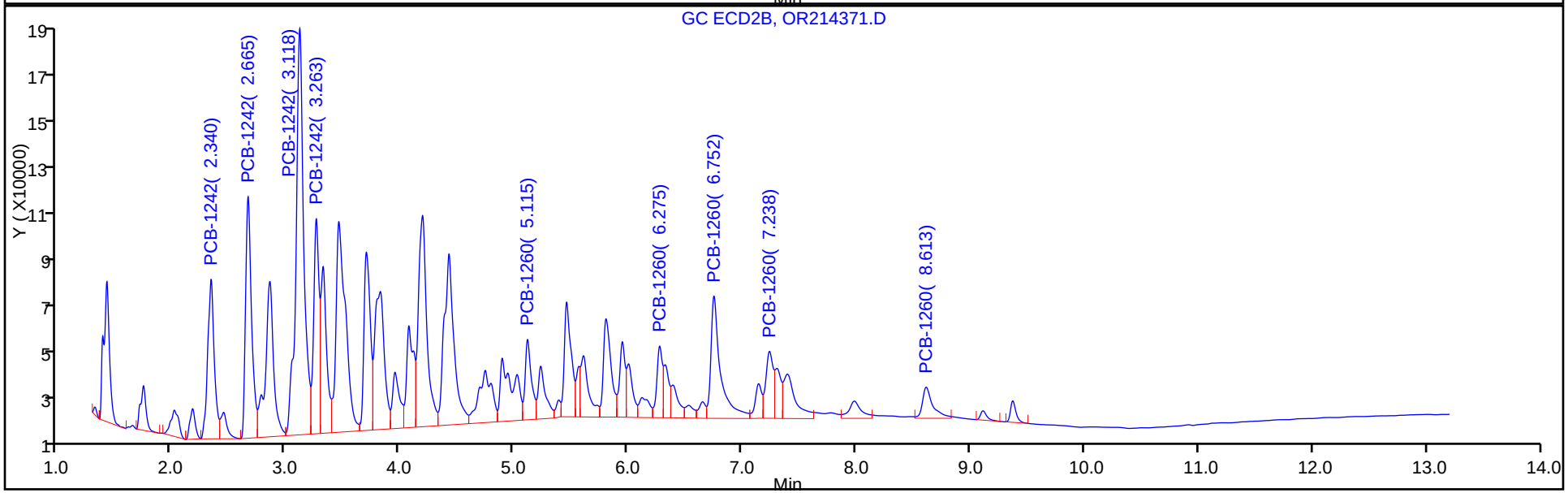
Report Date: 12-Mar-2014 11:26:38 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214371.D

Injection Date:	11-Mar-2014 17:36:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-12-A	Lab Sample ID:	460-72174-12	Worklist Smp#:	36
Client ID:	PMP-5SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	20.0000	ALS Bottle#:	36
Method:	8082GC7	Limit Group:	GC 8082 PCB		





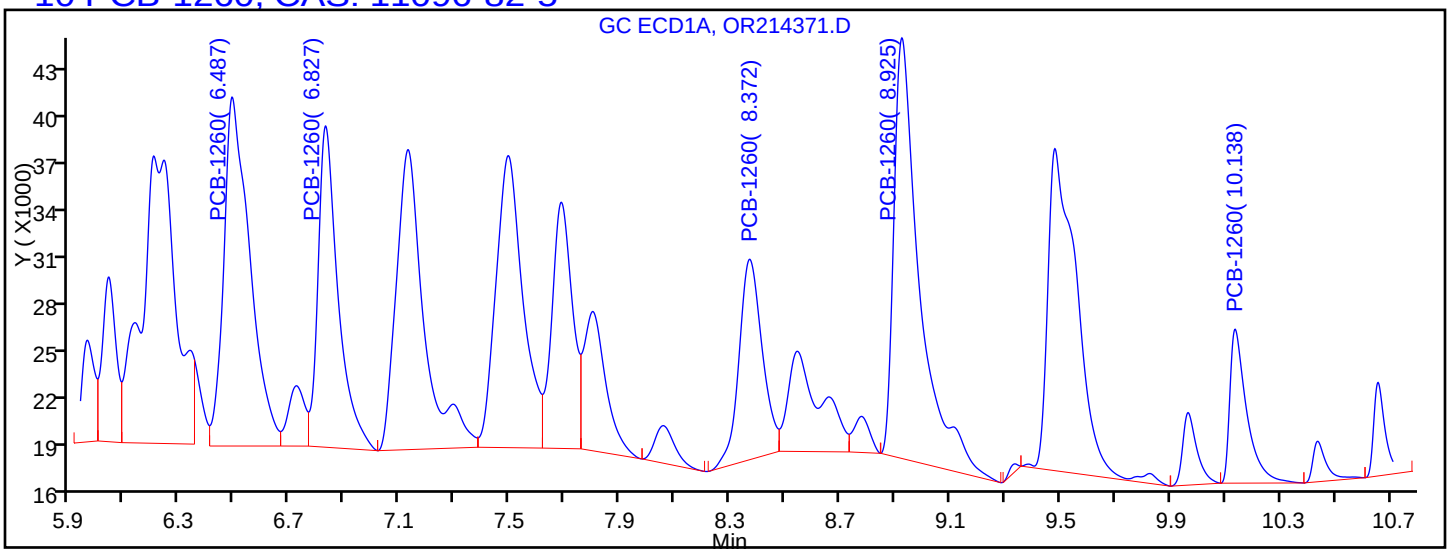
Report Date: 12-Mar-2014 11:26:38 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214371.D

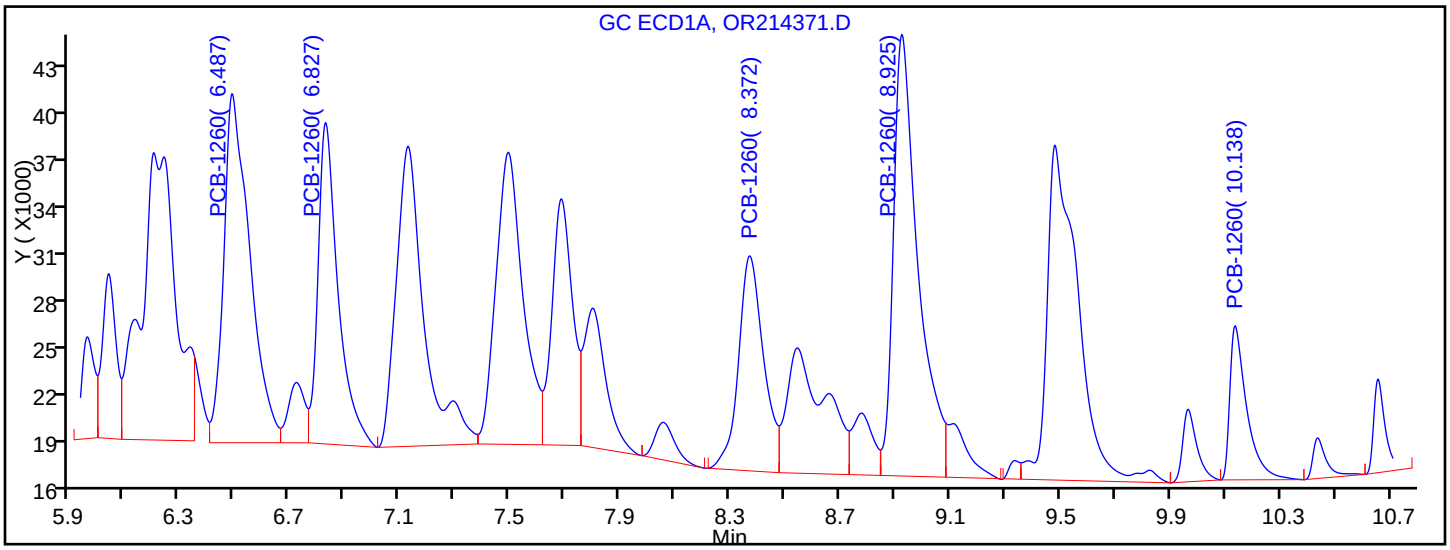
Injection Date:	11-Mar-2014 17:36:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-12-A	Lab Sample ID:	460-72174-12		
Client ID:	PMP-5SW-SI				
Operator ID:		ALS Bottle#:	36	Worklist Smp#:	36
Injection Vol:	1.0 ul	Dil. Factor:	20.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD1A		

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 6.487	Response = 146203	
RT = 6.827	Response = 103826	
RT = 8.372	Response = 74724	
RT = 8.925	Response = 173100	M
RT = 10.138	Response = 41812	



Manual Integration Results

RT = 6.487	Response = 146203	
RT = 6.827	Response = 103826	
RT = 8.372	Response = 74724	
RT = 8.925	Response = 175458	M
RT = 10.138	Response = 41812	

Reviewer: patelji, 12-Mar-2014 11:10:14

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-SI Lab Sample ID: 460-72174-12

Matrix: Solid Lab File ID: OR214371.D

Analysis Method: 8082 Date Collected: 03/06/2014 11:00

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.03(g) Date Analyzed: 03/11/2014 17:36

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212118 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	350	U	1500	350
11104-28-2	Aroclor 1221	350	U	1500	350
11141-16-5	Aroclor 1232	350	U	1500	350
12672-29-6	Aroclor 1248	350	U	1500	350
11097-69-1	Aroclor 1254	440	U	1500	440
11096-82-5	Aroclor 1260	4200		1500	440
37324-23-5	Aroclor 1262	440	U	1500	440
11100-14-4	Aroclor 1268	440	U	1500	440

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214371.D
Lims ID: 460-72174-F-12-A Lab Sample ID: 460-72174-12
Client ID: PMP-5SW-SI
Sample Type: Client
Inject. Date: 11-Mar-2014 17:36:30 ALS Bottle#: 36 Worklist Smp#: 36
Injection Vol: 1.0 ul Dil. Factor: 20.0000
Sample Info: 460-0010709-036
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 12-Mar-2014 11:26:30 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 11:10:14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						
1	3.032	3.042	-0.010	236429	1655.8	M
1	3.500	3.513	-0.013	365324	1391.7	M
1	4.042	4.055	-0.013	634917	1398.9	M
1	4.212	4.225	-0.013	287404	1305.9	M
1	5.340	5.355	-0.015	293341	1441.4	
		Average of Peak Amounts =			1438.8	
2	2.340	2.345	-0.005	268527	1331.1	
2	2.665	2.672	-0.007	374499	1185.5	M
2	3.118	3.127	-0.009	813552	1235.0	M
2	3.263	3.272	-0.009	298071	1293.9	M
2	0.0	3.712	-3.712	0	0	
		Average of Peak Amounts =			1261.4	
				RPD = 13.14		
10 PCB-1260						M
1	6.487	6.505	-0.018	146203	372.7	
1	6.827	6.845	-0.018	103826	226.8	
1	8.372	8.400	-0.028	74724	207.6	
1	8.925	8.942	-0.017	175458	233.1	M
1	10.138	10.143	-0.005	41812	212.2	
		Average of Peak Amounts =			250.5	
2	5.115	5.130	-0.015	131345	277.4	M
2	6.275	6.290	-0.015	101690	260.0	M
2	6.752	6.768	-0.016	303237	281.6	
2	7.238	7.258	-0.020	127183	305.1	
2	8.613	8.633	-0.020	83119	243.0	
		Average of Peak Amounts =			273.4	
				RPD = 8.76		

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags

QC Flag Legend

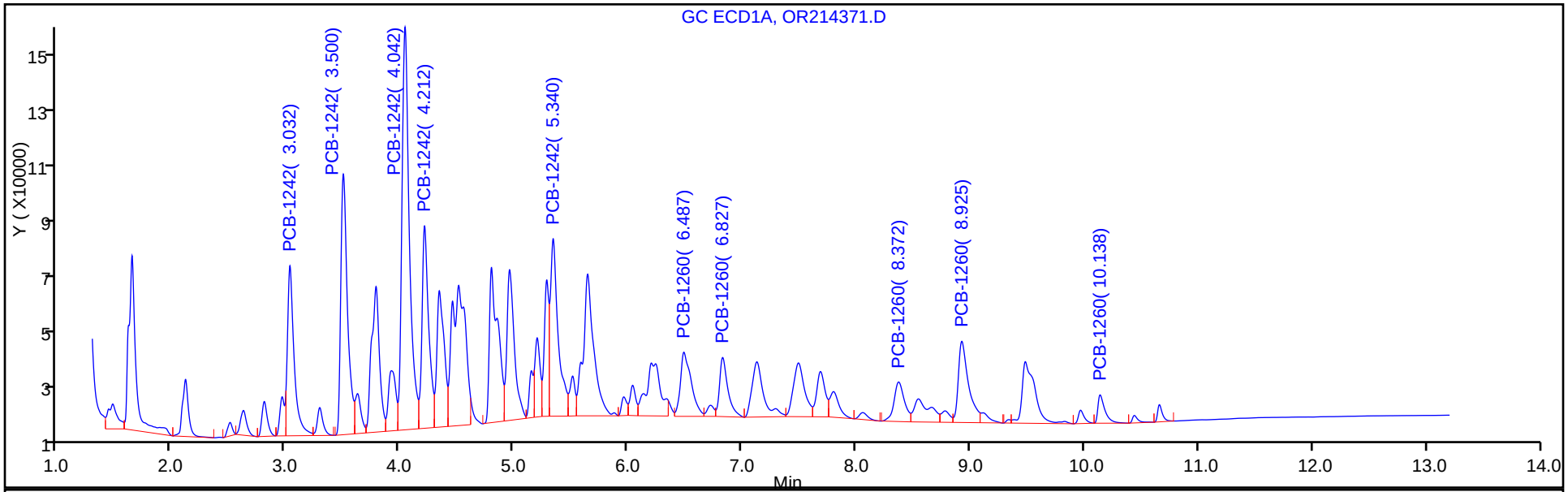
Review Flags
M - Manually Integrated

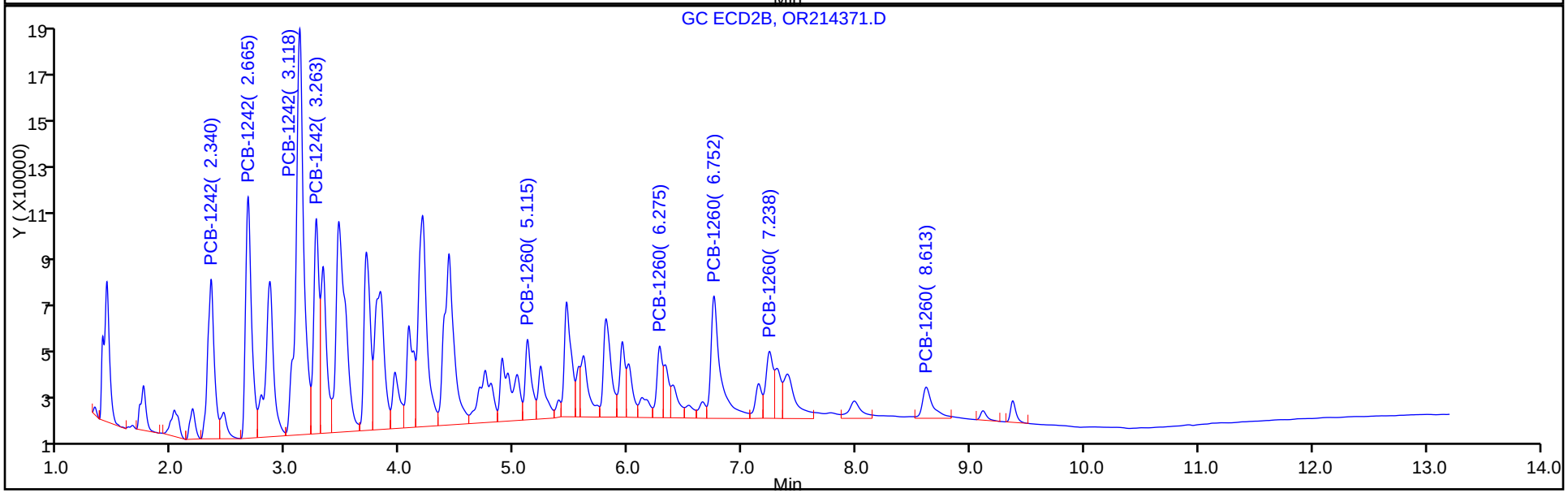
Report Date: 12-Mar-2014 11:26:38 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214371.D

Injection Date:	11-Mar-2014 17:36:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-12-A	Lab Sample ID:	460-72174-12	Worklist Smp#:	36
Client ID:	PMP-5SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	20.0000	ALS Bottle#:	36
Method:	8082GC7	Limit Group:	GC 8082 PCB		





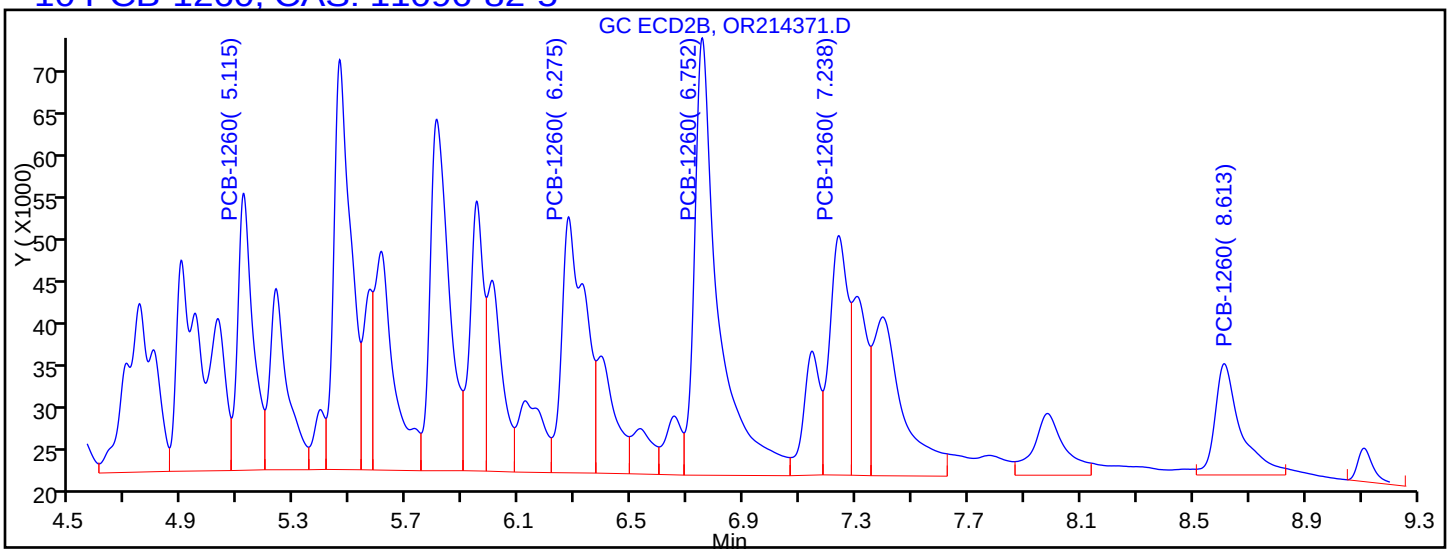
Report Date: 12-Mar-2014 11:26:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214371.D

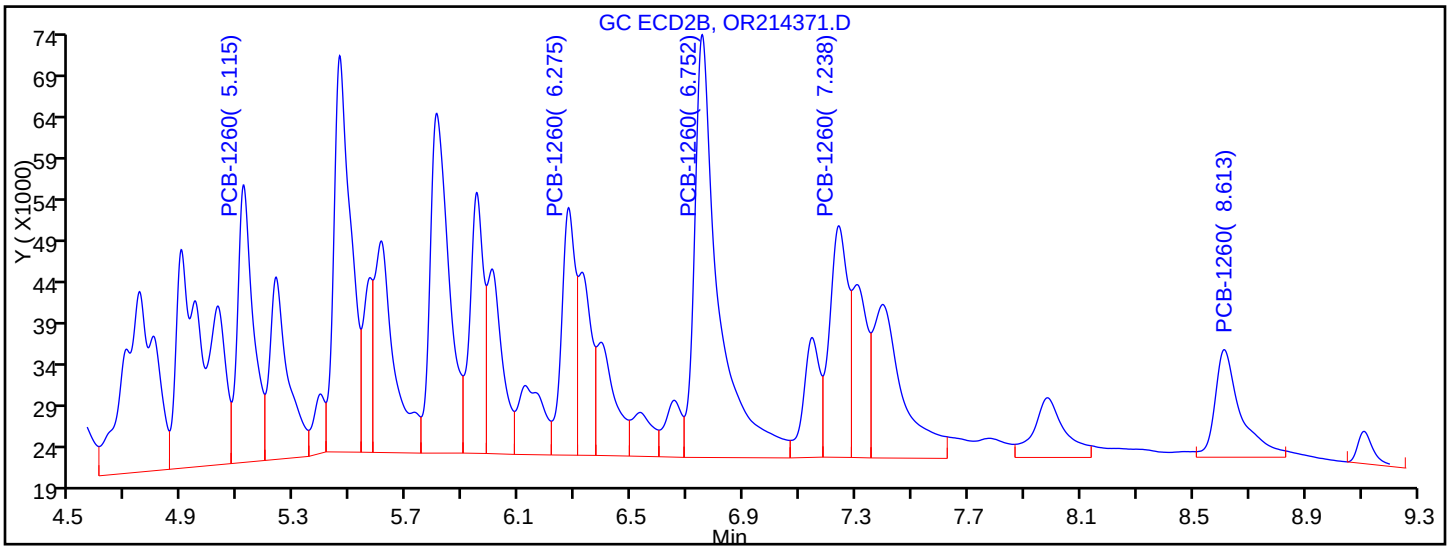
Injection Date:	11-Mar-2014 17:36:30	Instrument ID:	CPESTGC7
Lims ID:	460-72174-F-12-A	Lab Sample ID:	460-72174-12
Client ID:	PMP-5SW-SI		
Operator ID:		ALS Bottle#:	36 Worklist Smp#: 36
Injection Vol:	1.0 ul	Dil. Factor:	20.0000
Method:	8082GC7	Limit Group:	GC 8082 PCB
Column:		Detector	GC ECD2B

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.115	Response = 123145	M
RT = 6.275	Response = 174098	M
RT = 6.752	Response = 303237	
RT = 7.238	Response = 127183	
RT = 8.613	Response = 83119	



Manual Integration Results

RT = 5.115	Response = 131345	M
RT = 6.275	Response = 101690	M
RT = 6.752	Response = 303237	
RT = 7.238	Response = 127183	
RT = 8.613	Response = 83119	

Reviewer: patelji, 12-Mar-2014 11:10:14

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-VD Lab Sample ID: 460-72174-13

Matrix: Solid Lab File ID: OR214326.D

Analysis Method: 8082 Date Collected: 03/06/2014 11:20

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.03(g) Date Analyzed: 03/11/2014 04:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	118		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214326.D
Lims ID: 460-72174-F-13-A Lab Sample ID: 460-72174-13
Client ID: PMP-6SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 04:11:30 ALS Bottle#: 74 Worklist Smp#: 74
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010655-074
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 15:41:47 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:52:20

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.038	3.042	-0.004	34077	238.7	
1	3.507	3.513	-0.006	66063	251.7	M
1	4.048	4.055	-0.007	111883	246.5	
1	4.218	4.225	-0.007	57175	259.8	M
1	5.345	5.355	-0.010	45381	223.0	M
		Average of Peak Amounts =			243.9	
2	2.345	2.345	0.0	55061	272.9	M
2	2.668	2.672	-0.004	82279	260.5	
2	3.120	3.127	-0.007	198516	301.3	M
2	3.265	3.272	-0.007	66936	290.6	M
2	3.703	3.712	-0.009	59043	222.6	M
		Average of Peak Amounts =			269.6	
					RPD = 10.00	
$ 5 DCB Decachlorobiphenyl						
1	10.655	10.655	0.0	314841	58.9	
2	9.372	9.387	-0.015	508002	60.9	
					RPD = 3.48	

QC Flag Legend

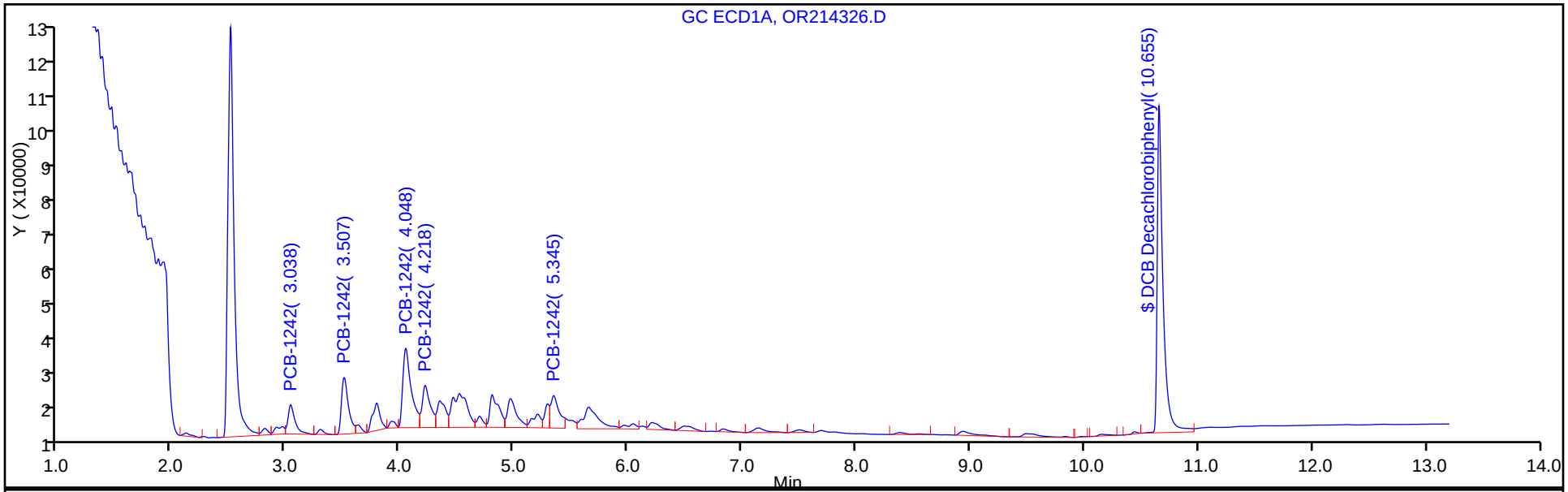
Review Flags
M - Manually Integrated

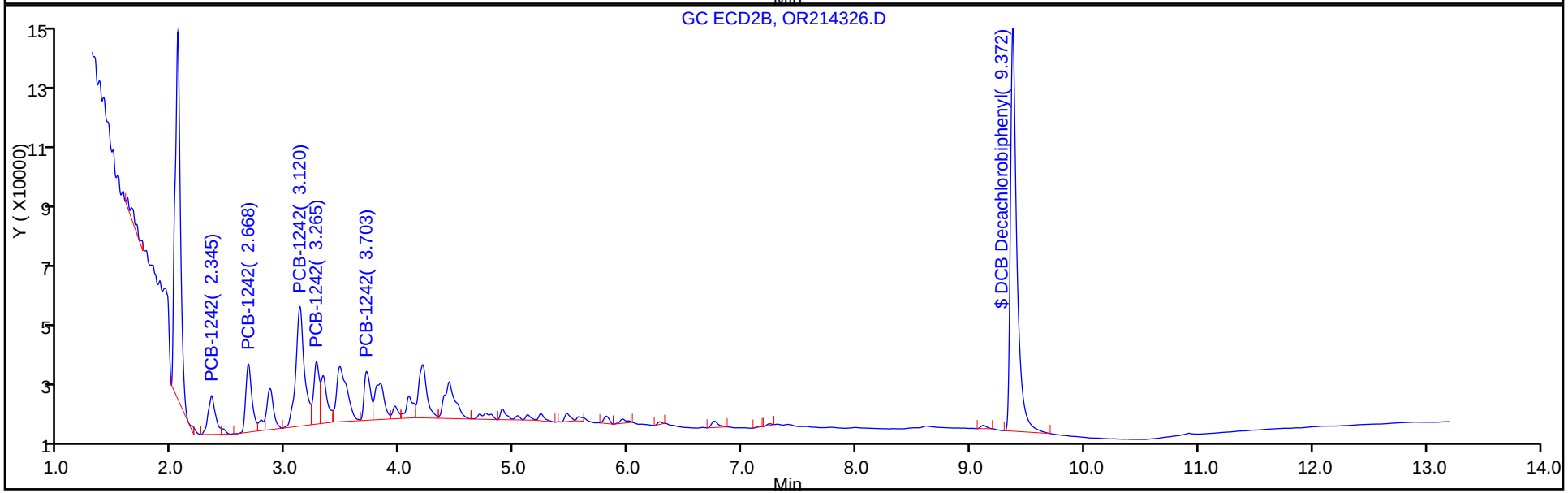
Report Date: 11-Mar-2014 15:42:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214326.D

Injection Date:	11-Mar-2014 04:11:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-13-A	Lab Sample ID:	460-72174-13	Worklist Smp#:	74
Client ID:	PMP-6SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	74
Method:	8082GC7	Limit Group:	GC 8082 PCB		





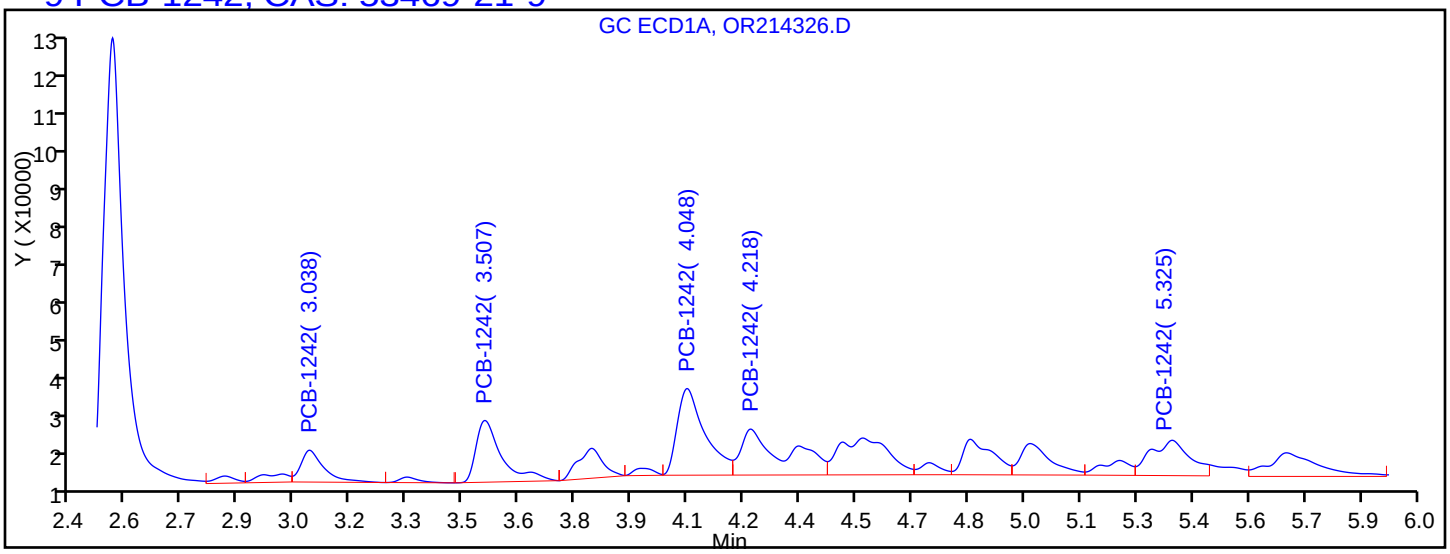
Report Date: 11-Mar-2014 15:42:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214326.D

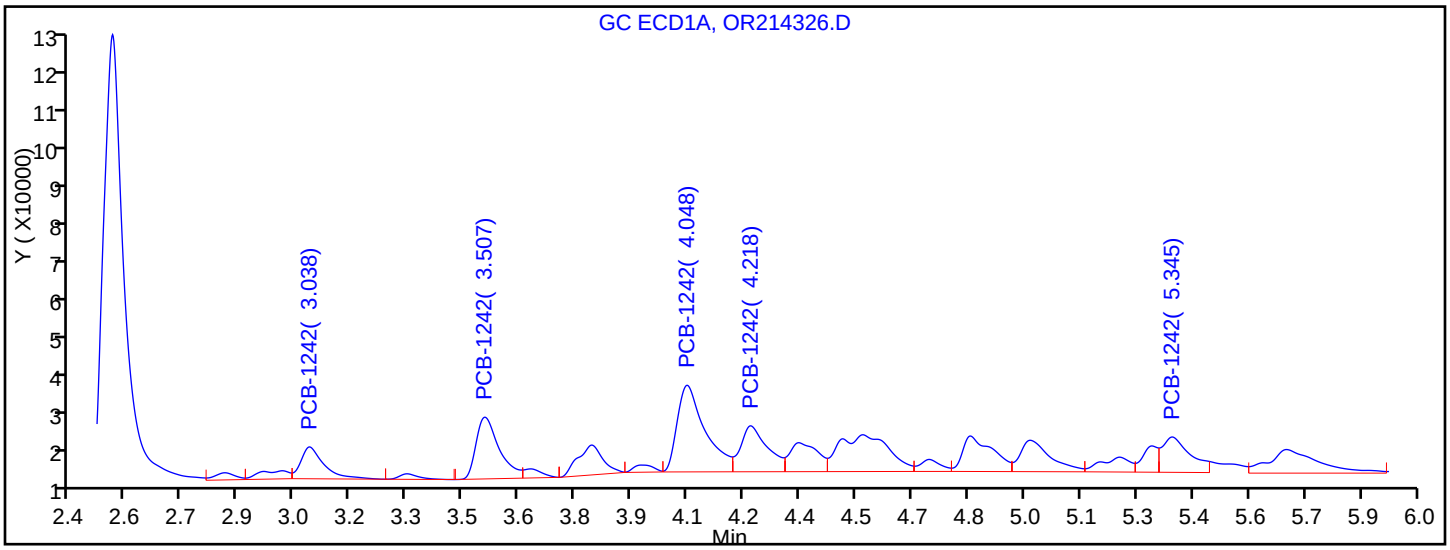
Injection Date:	11-Mar-2014 04:11:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-13-A	Lab Sample ID:	460-72174-13		
Client ID:	PMP-6SW-VD				
Operator ID:		ALS Bottle#:	74	Worklist Smp#:	74
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD1A		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.038	Response = 34077	
RT = 3.507	Response = 73400	M
RT = 4.048	Response = 111883	
RT = 4.218	Response = 94542	M
RT = 5.325	Response = 63946	M



Manual Integration Results

RT = 3.038	Response = 34077	
RT = 3.507	Response = 66063	M
RT = 4.048	Response = 111883	
RT = 4.218	Response = 57175	M
RT = 5.345	Response = 45381	M

Reviewer: patelji, 11-Mar-2014 12:52:20

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-VD Lab Sample ID: 460-72174-13

Matrix: Solid Lab File ID: OR214326.D

Analysis Method: 8082 Date Collected: 03/06/2014 11:20

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.03(g) Date Analyzed: 03/11/2014 04:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	70	16
11104-28-2	Aroclor 1221	16	U	70	16
11141-16-5	Aroclor 1232	16	U	70	16
53469-21-9	Aroclor 1242	190		70	16
12672-29-6	Aroclor 1248	16	U	70	16
11097-69-1	Aroclor 1254	20	U	70	20
11096-82-5	Aroclor 1260	20	U	70	20
37324-23-5	Aroclor 1262	20	U	70	20
11100-14-4	Aroclor 1268	20	U	70	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	122		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214326.D
Lims ID: 460-72174-F-13-A Lab Sample ID: 460-72174-13
Client ID: PMP-6SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 04:11:30 ALS Bottle#: 74 Worklist Smp#: 74
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010655-074
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 15:41:47 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:52:20

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.038	3.042	-0.004	34077	238.7	
1	3.507	3.513	-0.006	66063	251.7	M
1	4.048	4.055	-0.007	111883	246.5	
1	4.218	4.225	-0.007	57175	259.8	M
1	5.345	5.355	-0.010	45381	223.0	M
		Average of Peak Amounts =			243.9	
2	2.345	2.345	0.0	55061	272.9	M
2	2.668	2.672	-0.004	82279	260.5	
2	3.120	3.127	-0.007	198516	301.3	M
2	3.265	3.272	-0.007	66936	290.6	M
2	3.703	3.712	-0.009	59043	222.6	M
		Average of Peak Amounts =			269.6	
					RPD = 10.00	
$ 5 DCB Decachlorobiphenyl						
1	10.655	10.655	0.0	314841	58.9	
2	9.372	9.387	-0.015	508002	60.9	
					RPD = 3.48	

QC Flag Legend

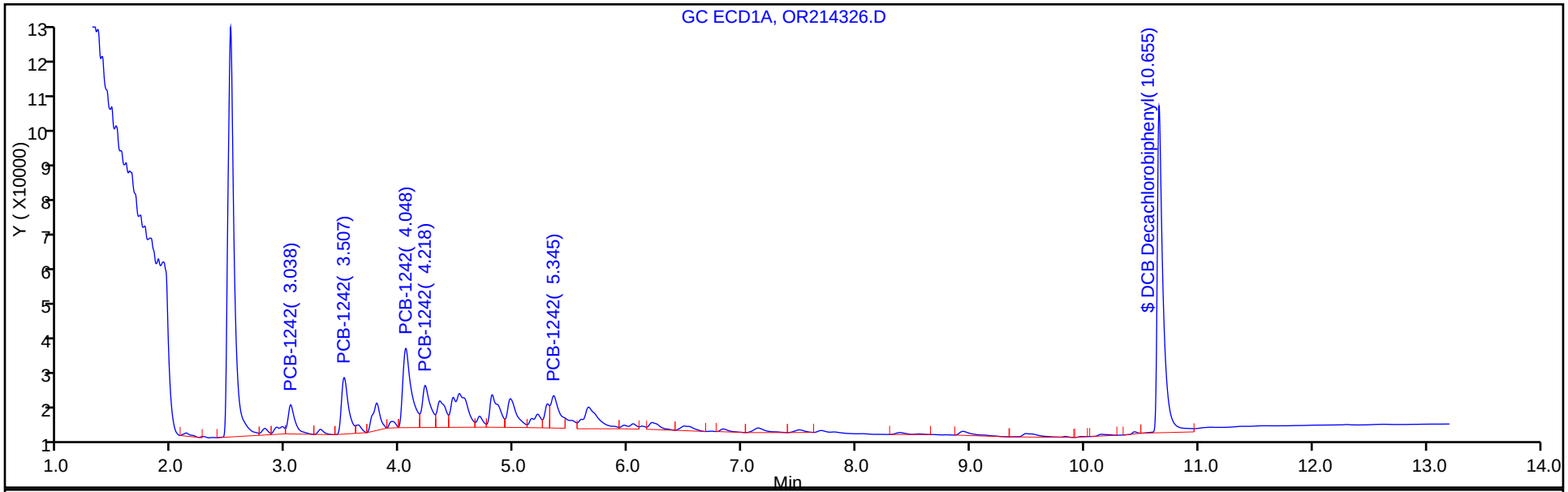
Review Flags
M - Manually Integrated

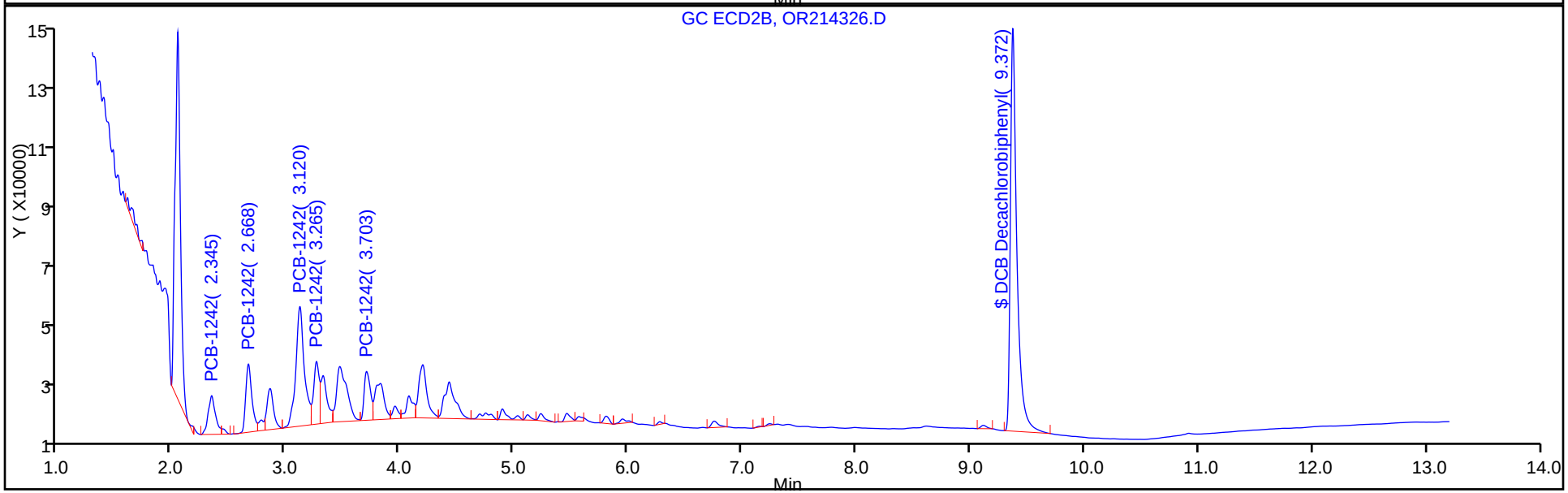
Report Date: 11-Mar-2014 15:42:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214326.D

Injection Date:	11-Mar-2014 04:11:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-13-A	Lab Sample ID:	460-72174-13	Worklist Smp#:	74
Client ID:	PMP-6SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	74
Method:	8082GC7	Limit Group:	GC 8082 PCB		





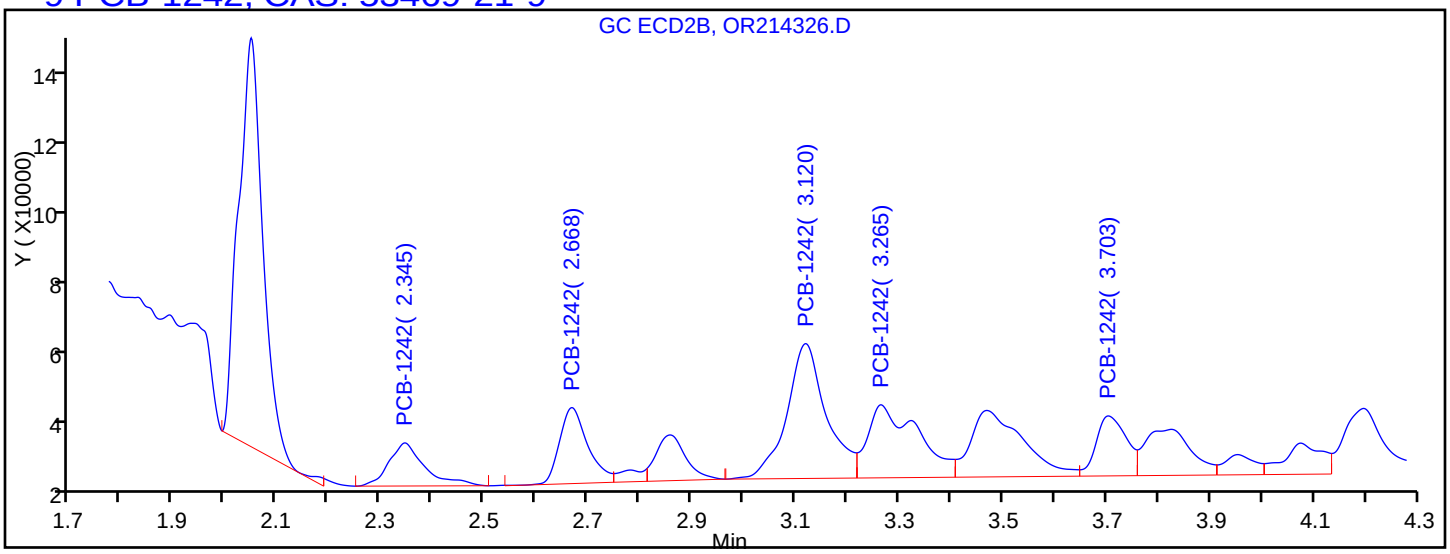
Report Date: 11-Mar-2014 15:42:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214326.D

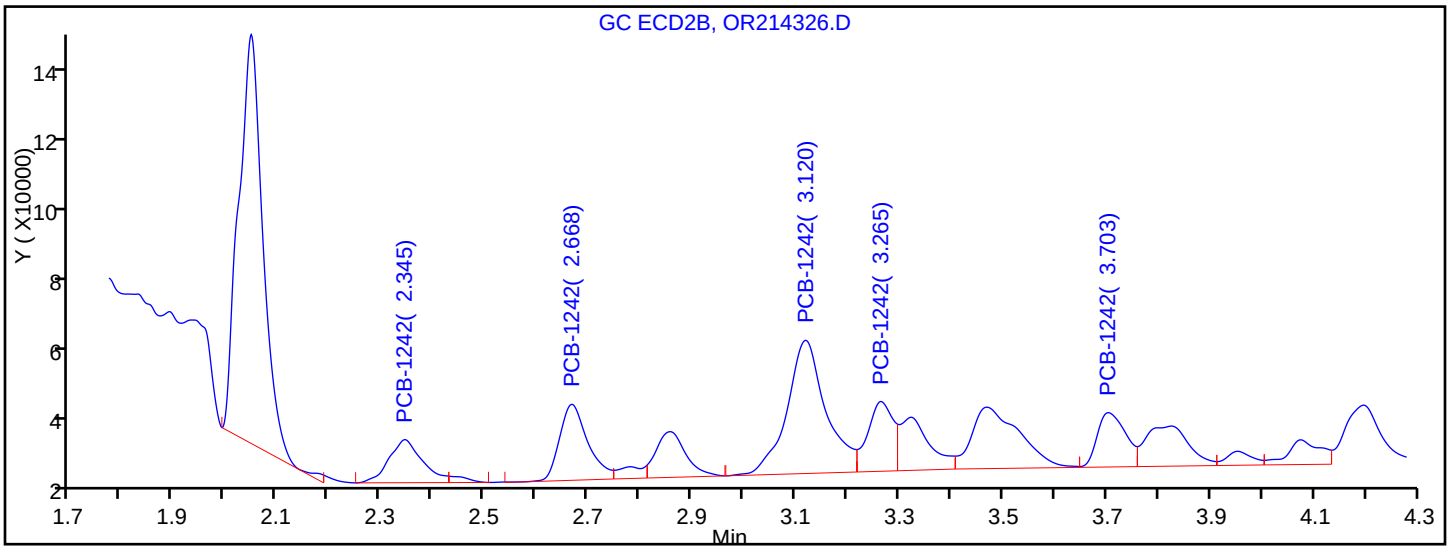
Injection Date:	11-Mar-2014 04:11:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-13-A	Lab Sample ID:	460-72174-13		
Client ID:	PMP-6SW-VD				
Operator ID:		ALS Bottle#:	74	Worklist Smp#:	74
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.345	Response = 59415	M
RT = 2.668	Response = 82279	
RT = 3.120	Response = 204444	M
RT = 3.265	Response = 139924	M
RT = 3.703	Response = 69767	M



Manual Integration Results

RT = 2.345	Response = 55061	M
RT = 2.668	Response = 82279	
RT = 3.120	Response = 198516	M
RT = 3.265	Response = 66936	M
RT = 3.703	Response = 59043	M

Reviewer: patelji, 11-Mar-2014 12:52:20

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-WT Lab Sample ID: 460-72174-14

Matrix: Solid Lab File ID: OR214372.D

Analysis Method: 8082 Date Collected: 03/06/2014 11:25

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.01(g) Date Analyzed: 03/11/2014 17:53

Con. Extract Vol.: 10(mL) Dilution Factor: 25

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212118 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	31000		1900	420

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X*	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214372.D
Lims ID: 460-72174-F-14-A Lab Sample ID: 460-72174-14
Client ID: PMP-6SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 17:53:30 ALS Bottle#: 37 Worklist Smp#: 37
Injection Vol: 1.0 ul Dil. Factor: 25.0000
Sample Info: 460-0010709-037
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 12-Mar-2014 11:26:30 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 11:11:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.037	3.042	-0.005	231488	1621.2	M
1	3.505	3.513	-0.008	451515	1720.1	M
1	4.047	4.055	-0.008	782079	1723.1	M
1	4.217	4.225	-0.008	374665	1702.4	M
1	5.343	5.355	-0.012	326120	1602.5	M
		Average of Peak Amounts =			1673.9	
2	2.342	2.345	-0.003	291063	1442.8	M
2	2.667	2.672	-0.005	489199	1548.6	
2	3.118	3.127	-0.009	1164312	1767.4	M
2	3.263	3.272	-0.009	416882	1809.6	M
2	3.703	3.712	-0.009	460663	1737.0	M
		Average of Peak Amounts =			1661.1	
				RPD =	0.77	

QC Flag Legend

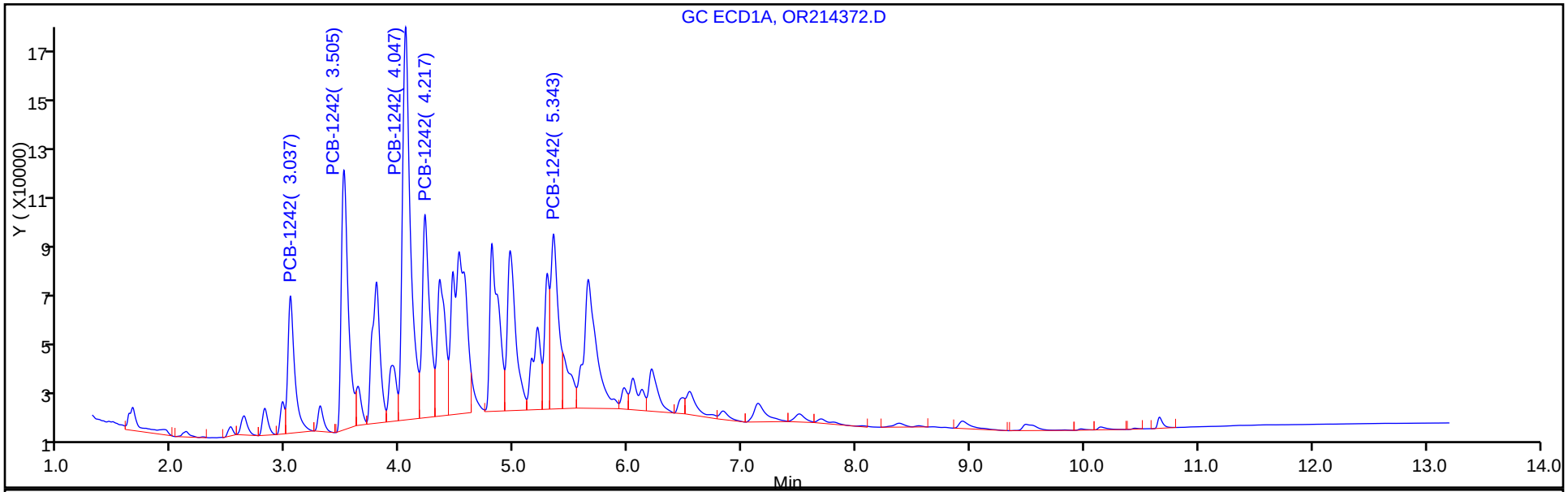
Review Flags
M - Manually Integrated

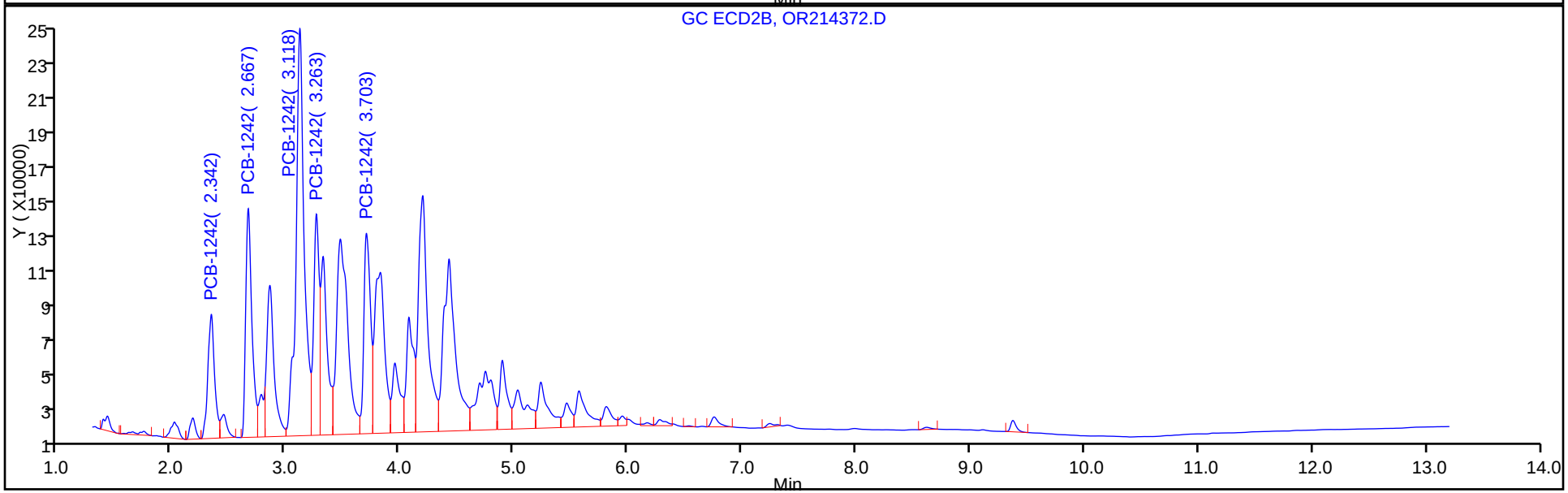
Report Date: 12-Mar-2014 11:26:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214372.D

Injection Date:	11-Mar-2014 17:53:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-14-A	Lab Sample ID:	460-72174-14	Worklist Smp#:	37
Client ID:	PMP-6SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	25.0000	ALS Bottle#:	37
Method:	8082GC7	Limit Group:	GC 8082 PCB		





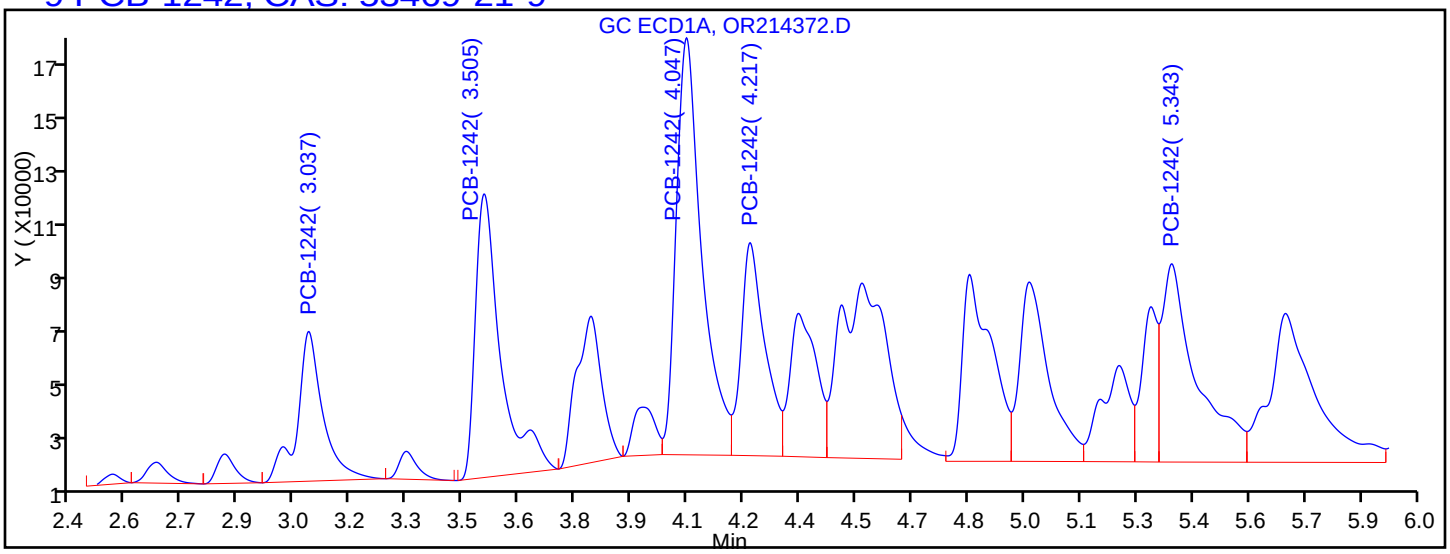
Report Date: 12-Mar-2014 11:26:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214372.D

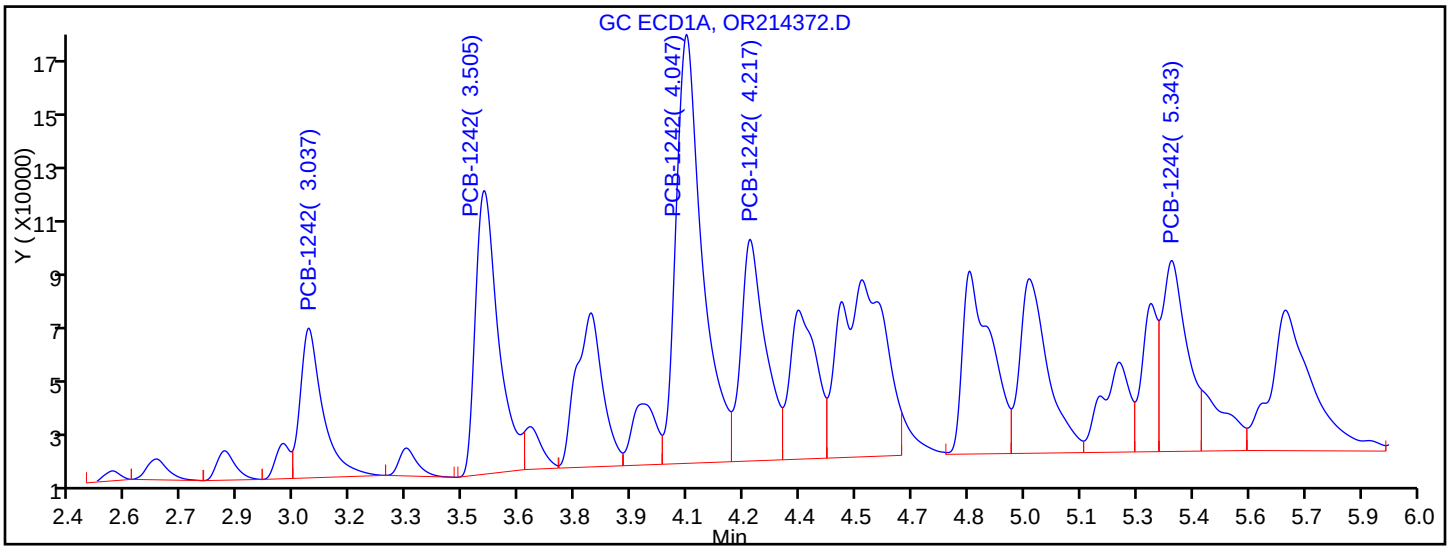
Injection Date:	11-Mar-2014 17:53:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-14-A	Lab Sample ID:	460-72174-14		
Client ID:	PMP-6SW-WT				
Operator ID:		ALS Bottle#:	37	Worklist Smp#:	37
Injection Vol:	1.0 ul	Dil. Factor:	25.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD1A		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.037	Response = 266925	M
RT = 3.505	Response = 495949	M
RT = 4.047	Response = 735542	M
RT = 4.217	Response = 349610	M
RT = 5.343	Response = 473940	M



Manual Integration Results

RT = 3.037	Response = 231488	M
RT = 3.505	Response = 451515	M
RT = 4.047	Response = 782079	M
RT = 4.217	Response = 374665	M
RT = 5.343	Response = 326120	M

Reviewer: patelji, 12-Mar-2014 11:11:05

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-WT Lab Sample ID: 460-72174-14

Matrix: Solid Lab File ID: OR214372.D

Analysis Method: 8082 Date Collected: 03/06/2014 11:25

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.01(g) Date Analyzed: 03/11/2014 17:53

Con. Extract Vol.: 10(mL) Dilution Factor: 25

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212118 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	420	U	1900	420
11104-28-2	Aroclor 1221	420	U	1900	420
11141-16-5	Aroclor 1232	420	U	1900	420
12672-29-6	Aroclor 1248	420	U	1900	420
11097-69-1	Aroclor 1254	530	U	1900	530
11096-82-5	Aroclor 1260	530	U	1900	530
37324-23-5	Aroclor 1262	530	U	1900	530
11100-14-4	Aroclor 1268	530	U	1900	530

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214372.D
Lims ID: 460-72174-F-14-A Lab Sample ID: 460-72174-14
Client ID: PMP-6SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 17:53:30 ALS Bottle#: 37 Worklist Smp#: 37
Injection Vol: 1.0 ul Dil. Factor: 25.0000
Sample Info: 460-0010709-037
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 12-Mar-2014 11:26:30 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 11:11:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.037	3.042	-0.005	231488	1621.2	M
1	3.505	3.513	-0.008	451515	1720.1	M
1	4.047	4.055	-0.008	782079	1723.1	M
1	4.217	4.225	-0.008	374665	1702.4	M
1	5.343	5.355	-0.012	326120	1602.5	M
		Average of Peak Amounts =			1673.9	
2	2.342	2.345	-0.003	291063	1442.8	M
2	2.667	2.672	-0.005	489199	1548.6	
2	3.118	3.127	-0.009	1164312	1767.4	M
2	3.263	3.272	-0.009	416882	1809.6	M
2	3.703	3.712	-0.009	460663	1737.0	M
		Average of Peak Amounts =			1661.1	
				RPD =	0.77	

QC Flag Legend

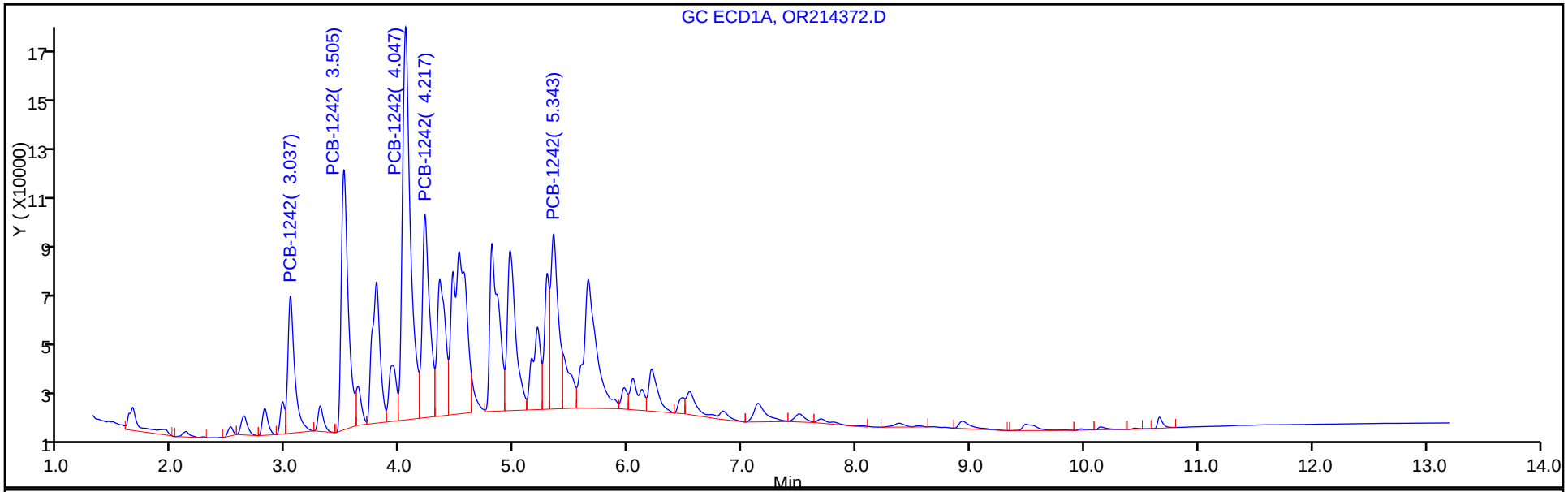
Review Flags
M - Manually Integrated

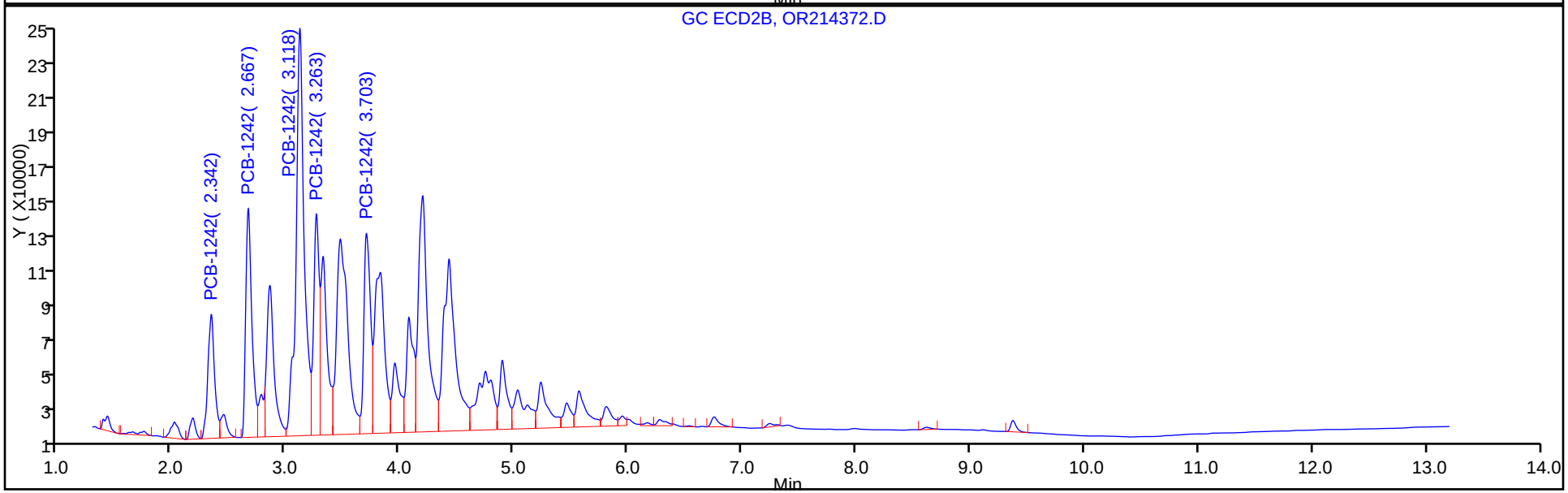
Report Date: 12-Mar-2014 11:26:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214372.D

Injection Date:	11-Mar-2014 17:53:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-14-A	Lab Sample ID:	460-72174-14	Worklist Smp#:	37
Client ID:	PMP-6SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	25.0000	ALS Bottle#:	37
Method:	8082GC7	Limit Group:	GC 8082 PCB		





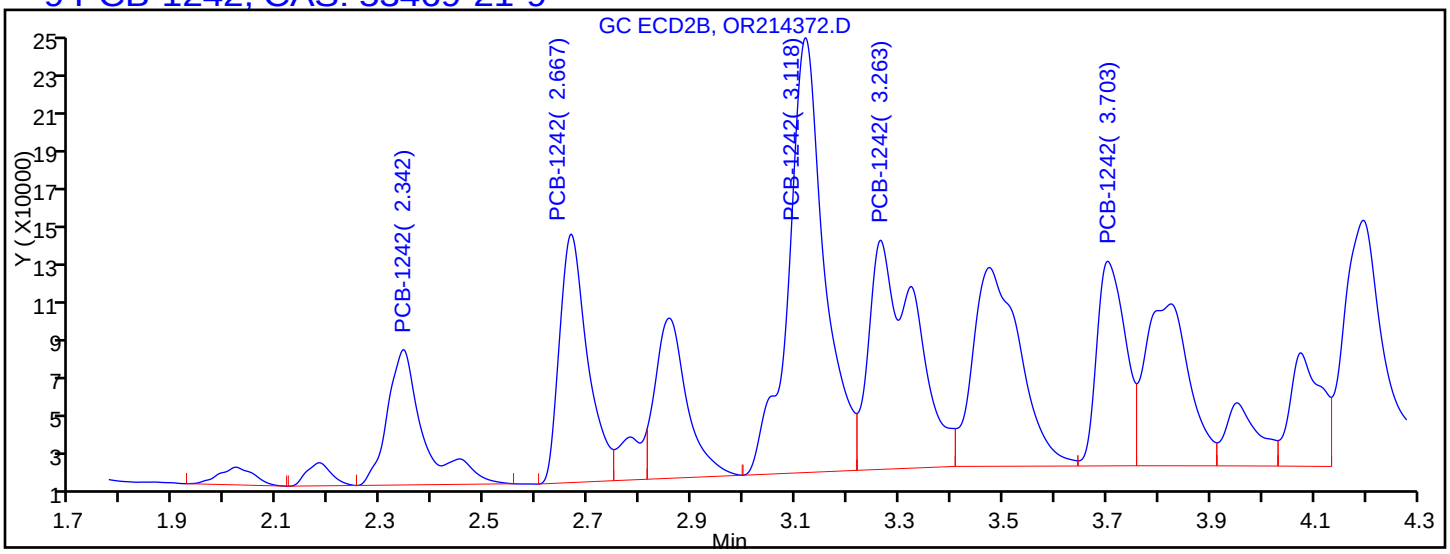
Report Date: 12-Mar-2014 11:26:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214372.D

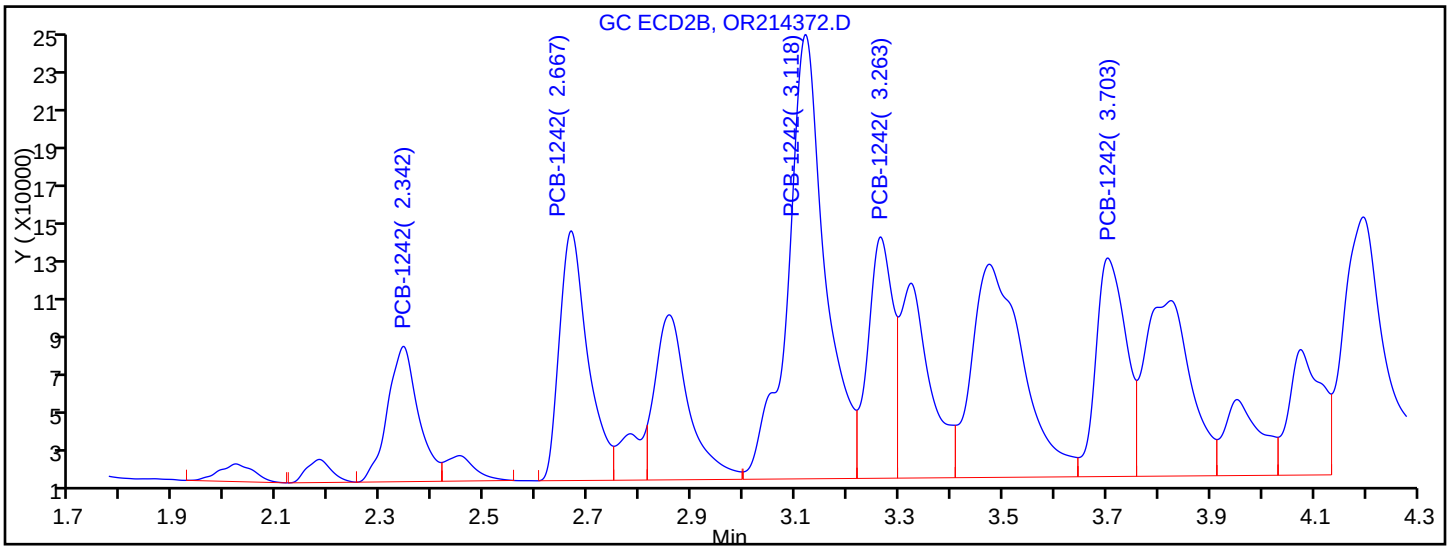
Injection Date:	11-Mar-2014 17:53:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-14-A	Lab Sample ID:	460-72174-14		
Client ID:	PMP-6SW-WT				
Operator ID:		ALS Bottle#:	37	Worklist Smp#:	37
Injection Vol:	1.0 ul	Dil. Factor:	25.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.342	Response = 342237	M
RT = 2.667	Response = 489199	
RT = 3.118	Response = 1099988	M
RT = 3.263	Response = 749935	M
RT = 3.703	Response = 411367	M



Manual Integration Results

RT = 2.342	Response = 291063	M
RT = 2.667	Response = 489199	
RT = 3.118	Response = 1164312	M
RT = 3.263	Response = 416882	M
RT = 3.703	Response = 460663	M

Reviewer: patelji, 12-Mar-2014 11:11:05

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-SI Lab Sample ID: 460-72174-15

Matrix: Solid Lab File ID: OR214373.D

Analysis Method: 8082 Date Collected: 03/06/2014 11:30

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.05(g) Date Analyzed: 03/11/2014 18:09

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212118 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	13000		760	170

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X*	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214373.D
Lims ID: 460-72174-F-15-A Lab Sample ID: 460-72174-15
Client ID: PMP-6SW-SI
Sample Type: Client
Inject. Date: 11-Mar-2014 18:09:30 ALS Bottle#: 38 Worklist Smp#: 38
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0010709-038
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 12-Mar-2014 11:26:30 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 11:12:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.037	3.042	-0.005	236162	1653.9	M
1	3.507	3.513	-0.006	449207	1711.3	M
1	4.047	4.055	-0.008	796356	1754.6	M
1	4.218	4.225	-0.007	377755	1716.5	M
1	5.345	5.355	-0.010	344865	1694.6	M
		Average of Peak Amounts =			1706.2	
2	2.343	2.345	-0.002	294862	1461.6	M
2	2.667	2.672	-0.005	491318	1555.3	
2	3.120	3.127	-0.007	1166197	1770.3	M
2	3.265	3.272	-0.007	437655	1899.8	M
2	3.703	3.712	-0.009	462438	1743.7	M
		Average of Peak Amounts =			1686.1	
				RPD =	1.18	

QC Flag Legend

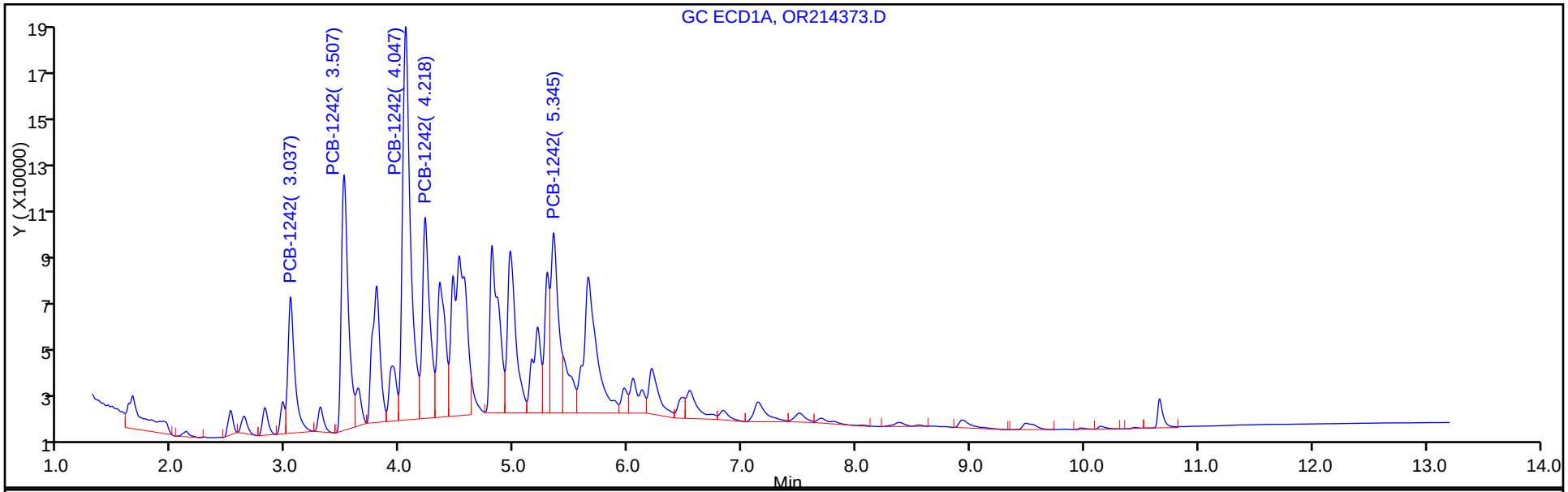
Review Flags
M - Manually Integrated

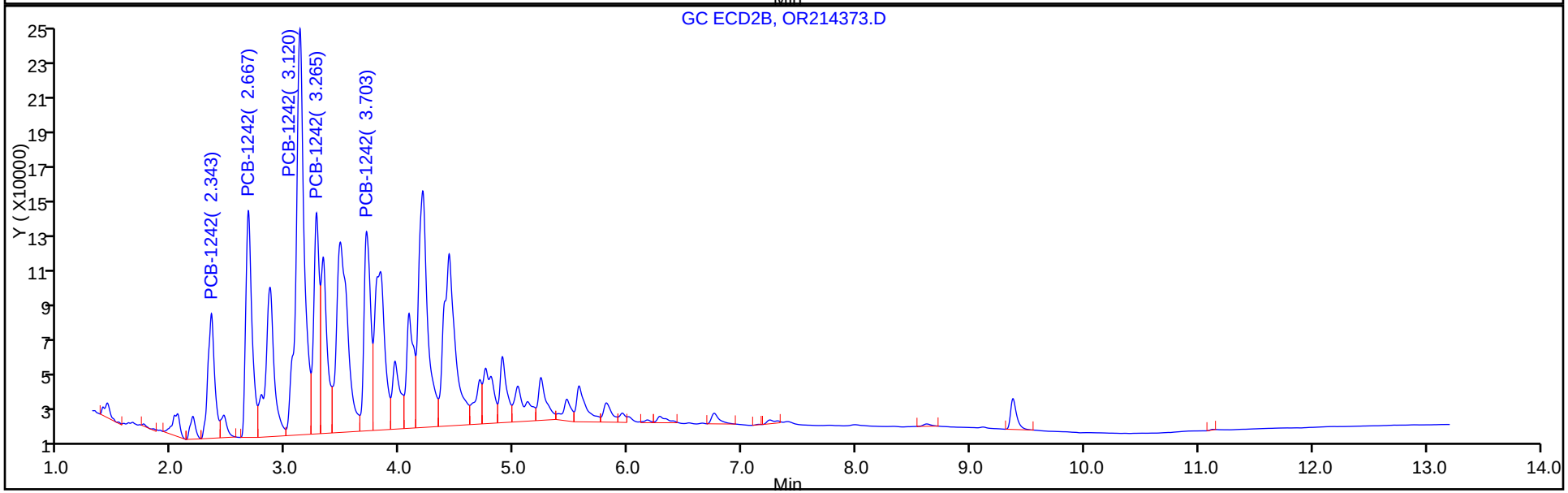
Report Date: 12-Mar-2014 11:26:41 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214373.D

Injection Date:	11-Mar-2014 18:09:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-15-A	Lab Sample ID:	460-72174-15	Worklist Smp#:	38
Client ID:	PMP-6SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	10.0000	ALS Bottle#:	38
Method:	8082GC7	Limit Group:	GC 8082 PCB		





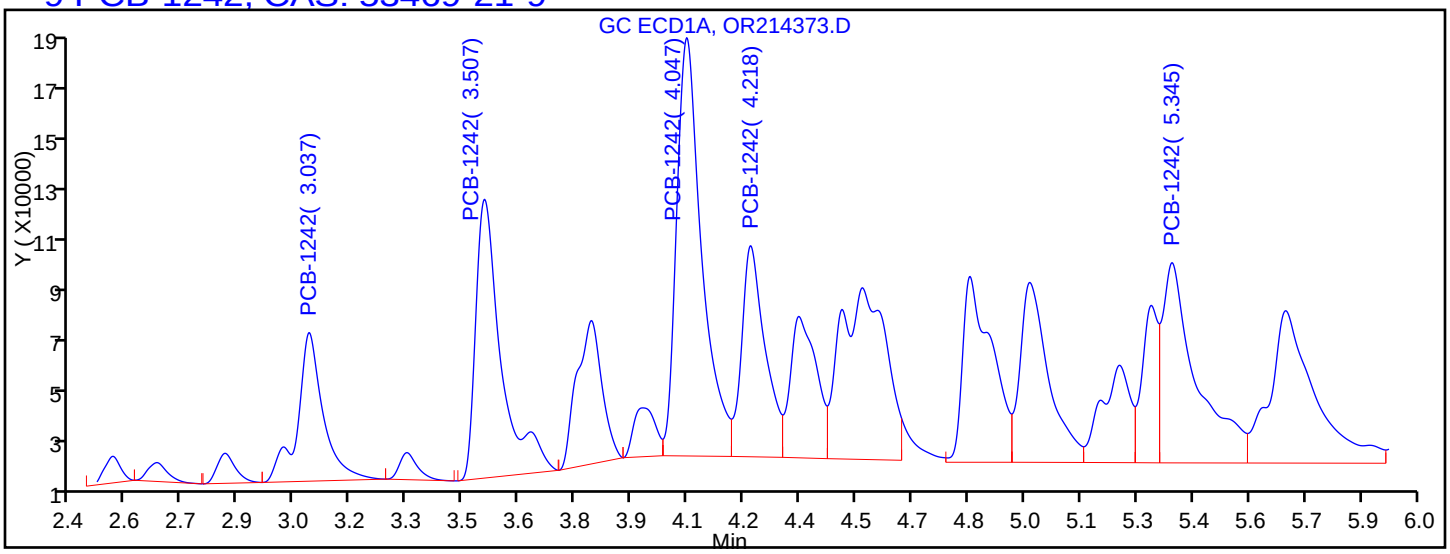
Report Date: 12-Mar-2014 11:26:41 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214373.D

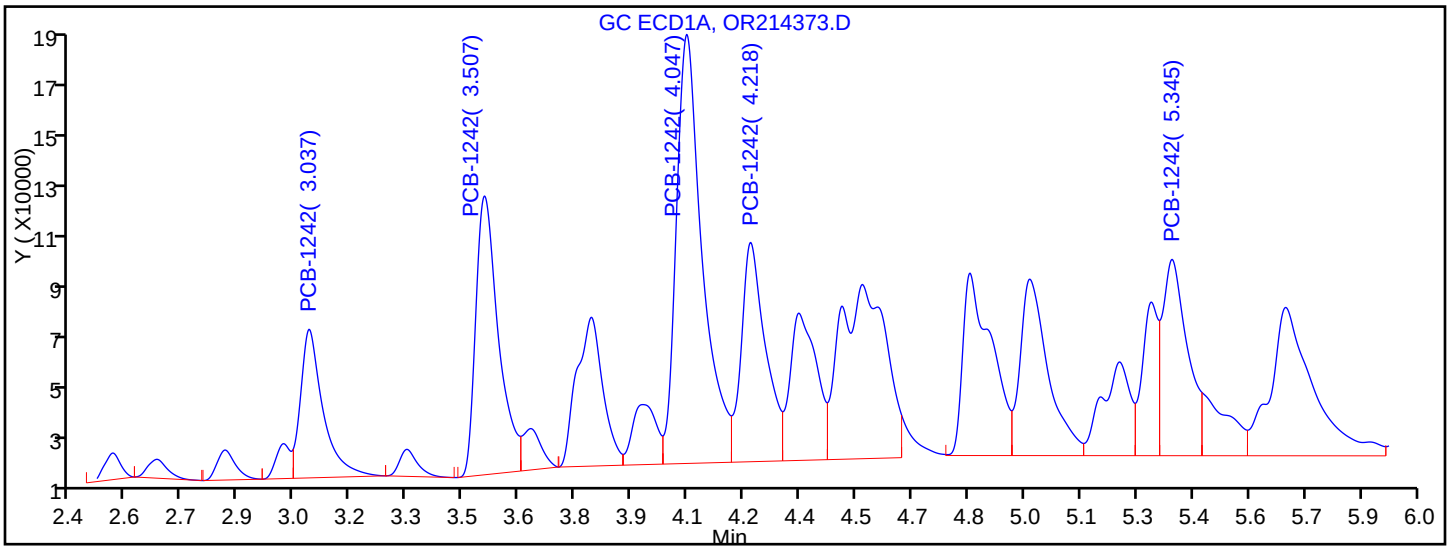
Injection Date:	11-Mar-2014 18:09:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	38	Worklist Smp#:	38
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD1A		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.037	Response = 273260	M
RT = 3.507	Response = 502972	M
RT = 4.047	Response = 752713	M
RT = 4.218	Response = 352839	M
RT = 5.345	Response = 483863	M



Manual Integration Results

RT = 3.037	Response = 236162	M
RT = 3.507	Response = 449207	M
RT = 4.047	Response = 796356	M
RT = 4.218	Response = 377755	M
RT = 5.345	Response = 344865	M

Reviewer: patelji, 12-Mar-2014 11:12:09

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-SI Lab Sample ID: 460-72174-15

Matrix: Solid Lab File ID: OR214373.D

Analysis Method: 8082 Date Collected: 03/06/2014 11:30

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.05(g) Date Analyzed: 03/11/2014 18:09

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212118 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	170	U	760	170
11104-28-2	Aroclor 1221	170	U	760	170
11141-16-5	Aroclor 1232	170	U	760	170
12672-29-6	Aroclor 1248	170	U	760	170
11097-69-1	Aroclor 1254	220	U	760	220
11096-82-5	Aroclor 1260	220	U	760	220
37324-23-5	Aroclor 1262	220	U	760	220
11100-14-4	Aroclor 1268	220	U	760	220

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214373.D
Lims ID: 460-72174-F-15-A Lab Sample ID: 460-72174-15
Client ID: PMP-6SW-SI
Sample Type: Client
Inject. Date: 11-Mar-2014 18:09:30 ALS Bottle#: 38 Worklist Smp#: 38
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0010709-038
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 12-Mar-2014 11:26:30 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 11:12:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.037	3.042	-0.005	236162	1653.9	M
1	3.507	3.513	-0.006	449207	1711.3	M
1	4.047	4.055	-0.008	796356	1754.6	M
1	4.218	4.225	-0.007	377755	1716.5	M
1	5.345	5.355	-0.010	344865	1694.6	M
		Average of Peak Amounts =			1706.2	
2	2.343	2.345	-0.002	294862	1461.6	M
2	2.667	2.672	-0.005	491318	1555.3	
2	3.120	3.127	-0.007	1166197	1770.3	M
2	3.265	3.272	-0.007	437655	1899.8	M
2	3.703	3.712	-0.009	462438	1743.7	M
		Average of Peak Amounts =			1686.1	
				RPD =	1.18	

QC Flag Legend

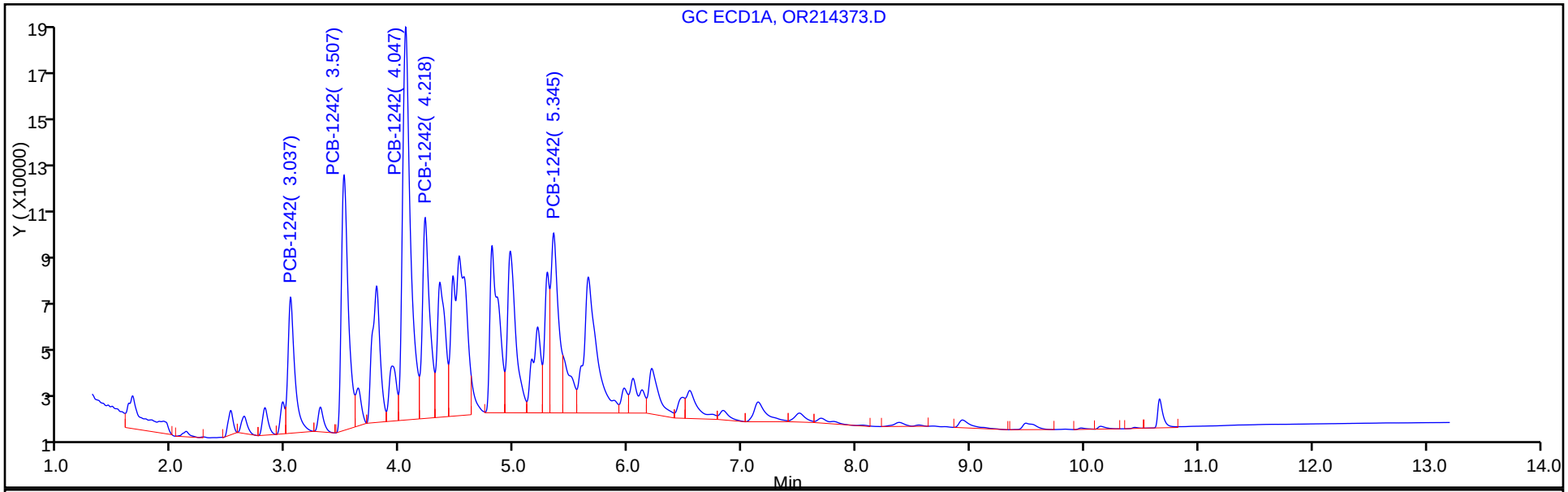
Review Flags
M - Manually Integrated

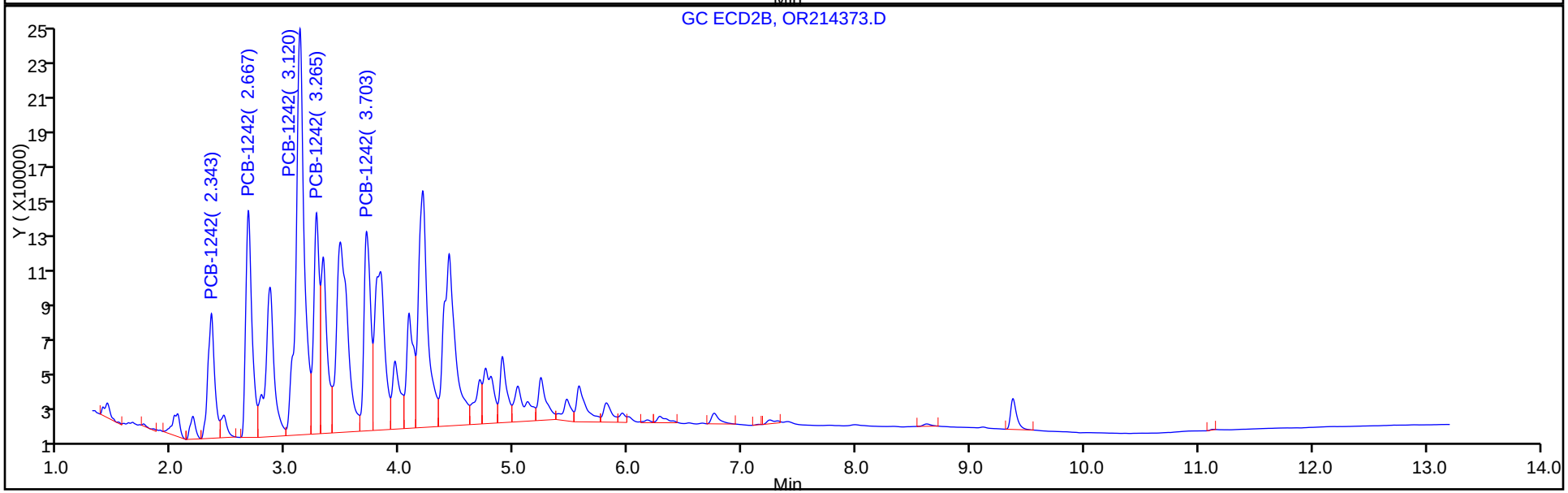
Report Date: 12-Mar-2014 11:26:41 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214373.D

Injection Date:	11-Mar-2014 18:09:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-15-A	Lab Sample ID:	460-72174-15	Worklist Smp#:	38
Client ID:	PMP-6SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	10.0000	ALS Bottle#:	38
Method:	8082GC7	Limit Group:	GC 8082 PCB		





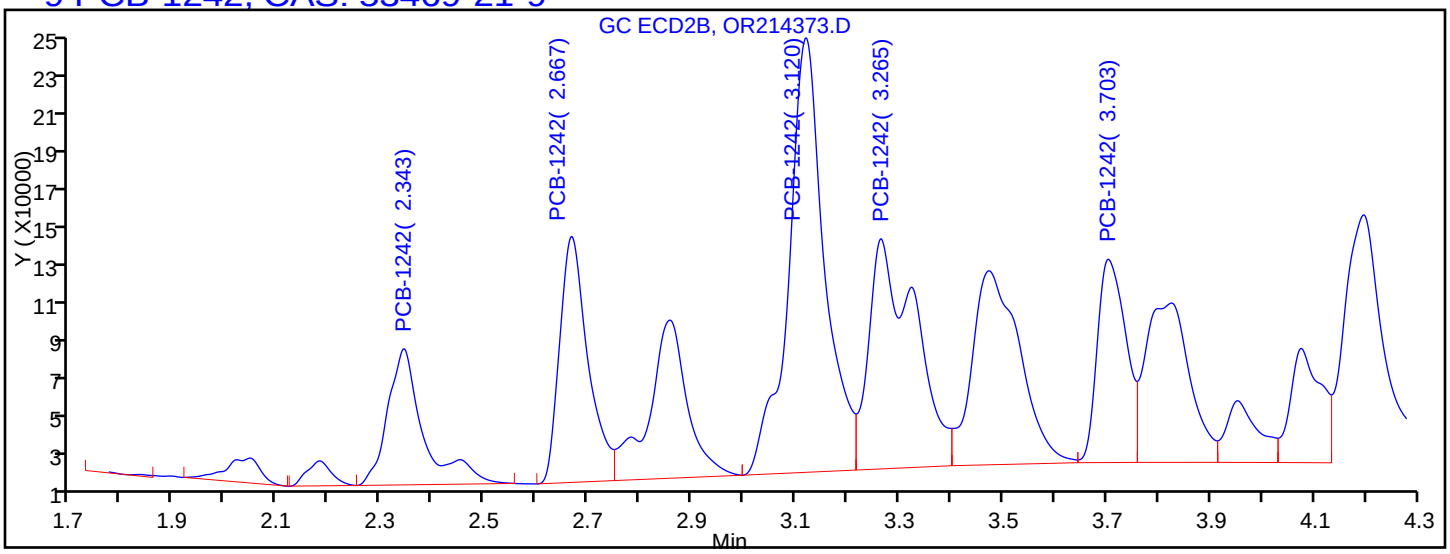
Report Date: 12-Mar-2014 11:26:41 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214373.D

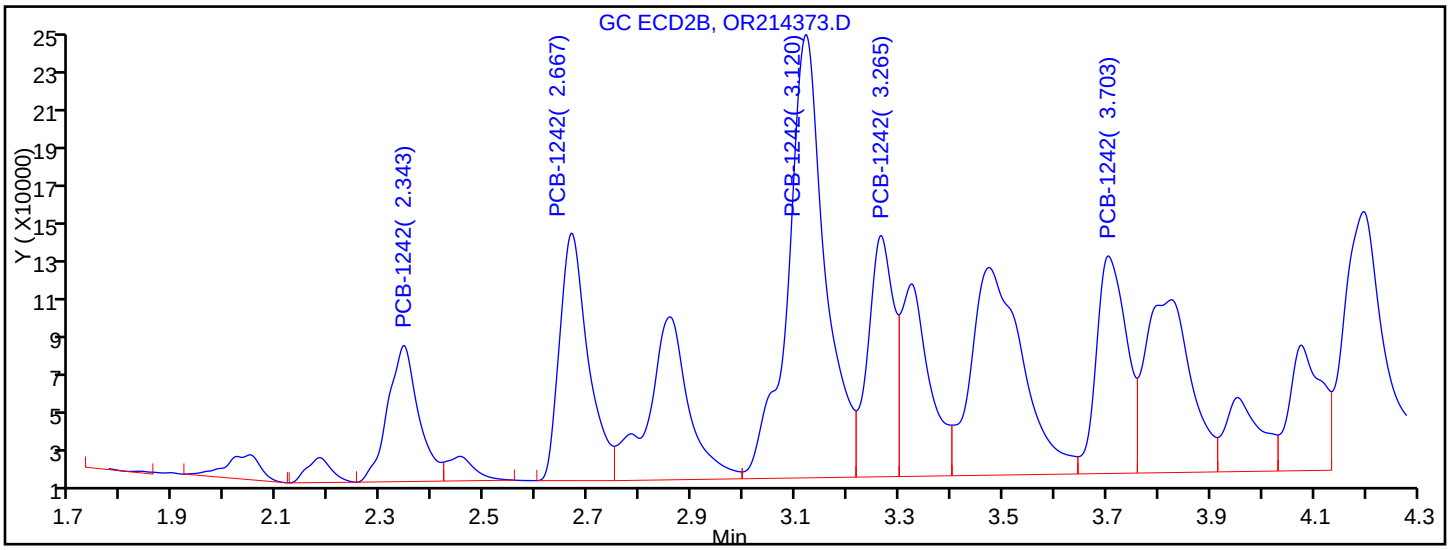
Injection Date:	11-Mar-2014 18:09:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-15-A	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	38	Worklist Smp#:	38
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.343	Response = 341551	M
RT = 2.667	Response = 491318	
RT = 3.120	Response = 1106645	M
RT = 3.265	Response = 748941	M
RT = 3.703	Response = 411061	M



Manual Integration Results

RT = 2.343	Response = 294862	M
RT = 2.667	Response = 491318	
RT = 3.120	Response = 1166197	M
RT = 3.265	Response = 437655	M
RT = 3.703	Response = 462438	M

Reviewer: patelji, 12-Mar-2014 11:12:09

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-VD Lab Sample ID: 460-72174-16

Matrix: Solid Lab File ID: OR214329.D

Analysis Method: 8082 Date Collected: 03/06/2014 11:45

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.00(g) Date Analyzed: 03/11/2014 05:01

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214329.D
Lims ID: 460-72174-F-16-A Lab Sample ID: 460-72174-16
Client ID: PMP-2SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 05:01:30 ALS Bottle#: 77 Worklist Smp#: 77
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010655-077
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 15:41:47 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:53:51

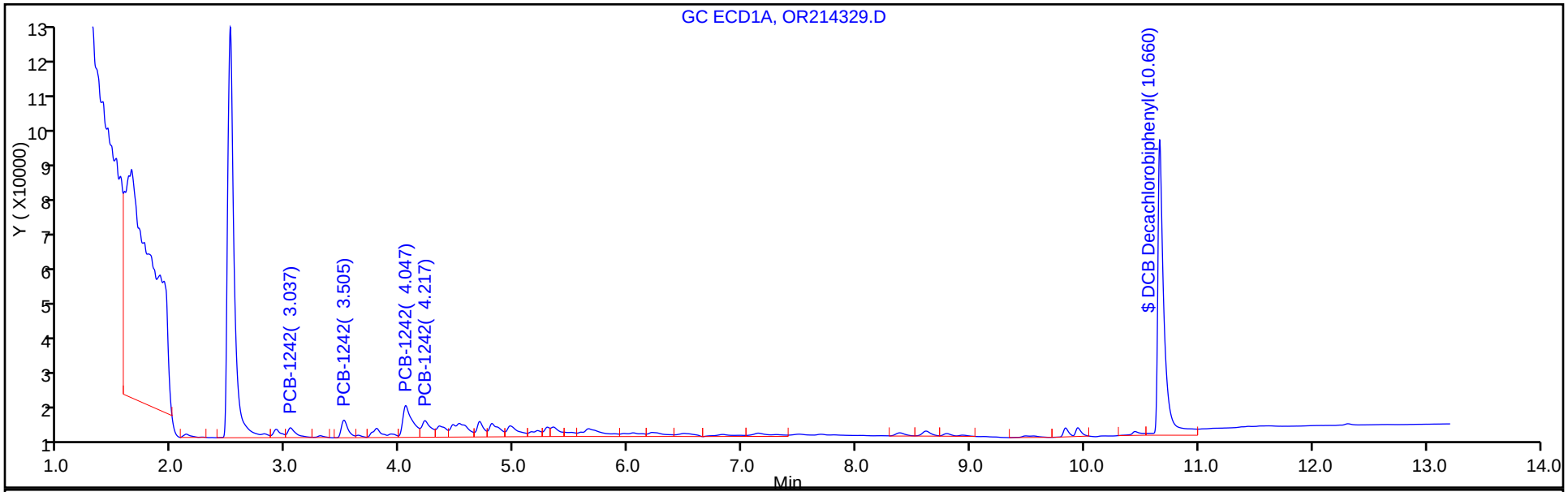
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						
1	3.037	3.042	-0.005	12933	90.6	M
1	3.505	3.513	-0.008	19133	72.9	M
1	4.047	4.055	-0.008	49195	108.4	
1	4.217	4.225	-0.008	24452	111.1	M
1	0.0	5.355	-5.355	0	0	
		Average of Peak Amounts =			95.7	
2	2.348	2.345	0.003	24101	119.5	
2	2.663	2.672	-0.009	24523	77.6	
2	0.0	3.127	-3.127	0	0	
2	3.263	3.272	-0.009	25292	109.8	M
2	3.702	3.712	-0.010	24069	90.8	M
		Average of Peak Amounts =			99.4	
					RPD = 3.76	
$ 5 DCB Decachlorobiphenyl						
1	10.660	10.655	0.005	294401	55.0	
2	9.372	9.387	-0.015	461969	55.4	
					RPD = 0.69	

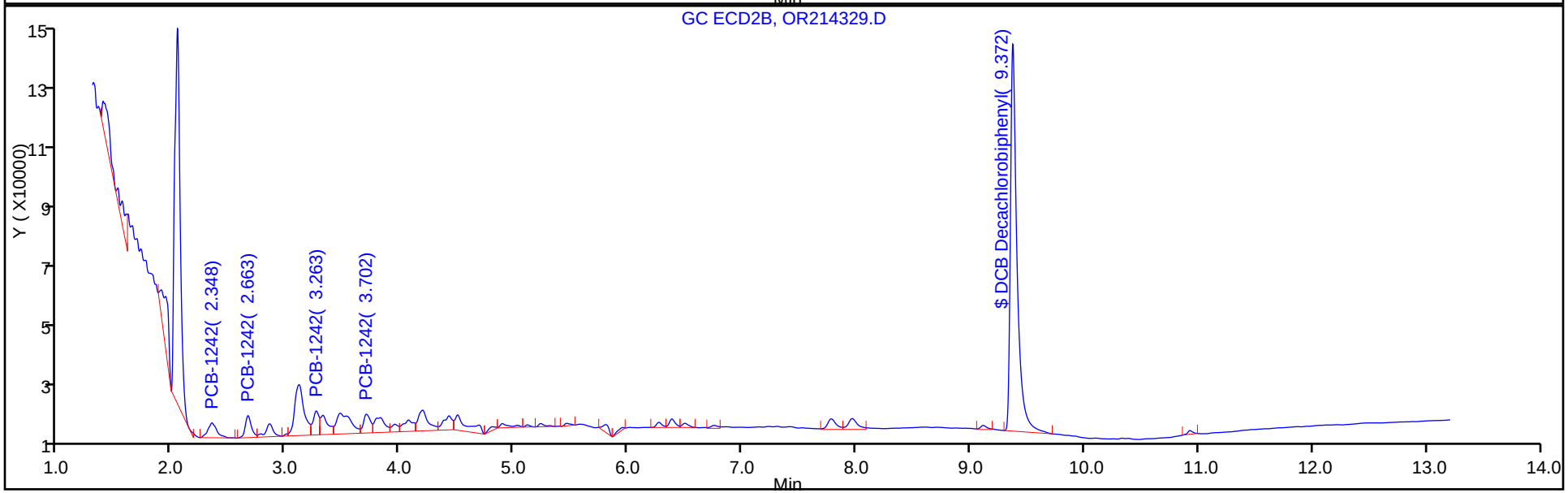
Report Date: 11-Mar-2014 15:43:02 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214329.D

Injection Date:	11-Mar-2014 05:01:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-16-A	Lab Sample ID:	460-72174-16	Worklist Smp#:	77
Client ID:	PMP-2SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	77
Method:	8082GC7	Limit Group:	GC 8082 PCB		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-VD | Lab Sample ID: 460-72174-16

Matrix: Solid | Lab File ID: OR214329.D

Analysis Method: 8082 | Date Collected: 03/06/2014 11:45

Extraction Method: 3546 | Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.00(g) | Date Analyzed: 03/11/2014 05:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	71	16
11104-28-2	Aroclor 1221	16	U	71	16
11141-16-5	Aroclor 1232	16	U	71	16
53469-21-9	Aroclor 1242	70	J	71	16
12672-29-6	Aroclor 1248	16	U	71	16
11097-69-1	Aroclor 1254	20	U	71	20
11096-82-5	Aroclor 1260	20	U	71	20
37324-23-5	Aroclor 1262	20	U	71	20
11100-14-4	Aroclor 1268	20	U	71	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214329.D
Lims ID: 460-72174-F-16-A Lab Sample ID: 460-72174-16
Client ID: PMP-2SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 05:01:30 ALS Bottle#: 77 Worklist Smp#: 77
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010655-077
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 15:41:47 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:53:51

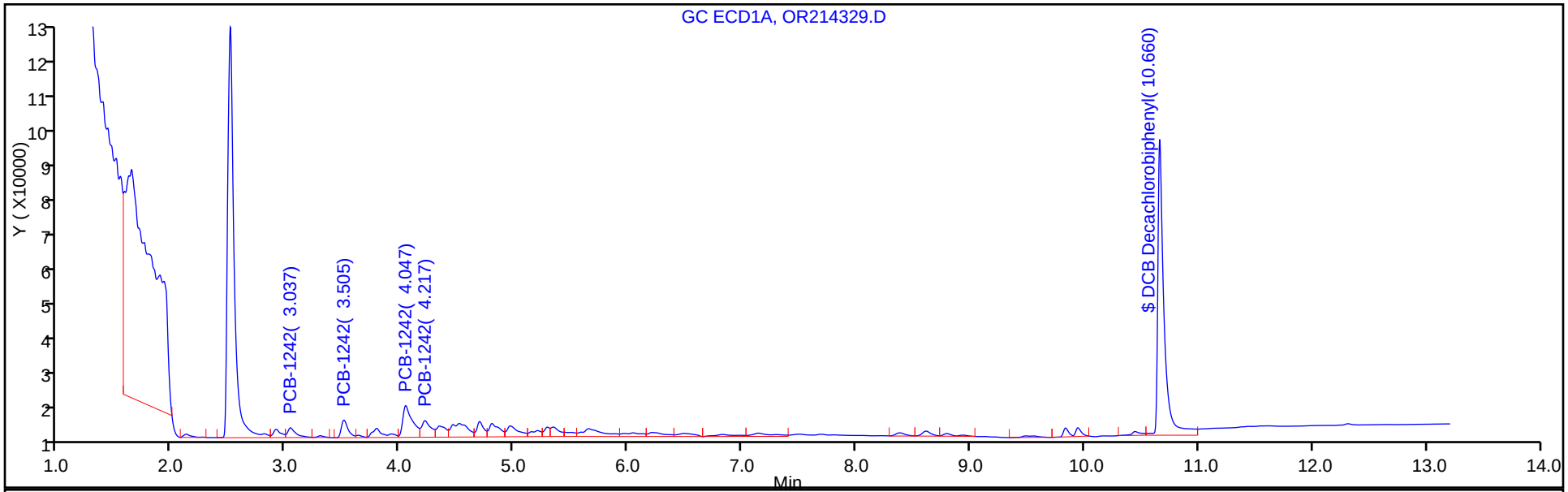
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						
1	3.037	3.042	-0.005	12933	90.6	M
1	3.505	3.513	-0.008	19133	72.9	M
1	4.047	4.055	-0.008	49195	108.4	
1	4.217	4.225	-0.008	24452	111.1	M
1	0.0	5.355	-5.355	0	0	
		Average of Peak Amounts =			95.7	
2	2.348	2.345	0.003	24101	119.5	
2	2.663	2.672	-0.009	24523	77.6	
2	0.0	3.127	-3.127	0	0	
2	3.263	3.272	-0.009	25292	109.8	M
2	3.702	3.712	-0.010	24069	90.8	M
		Average of Peak Amounts =			99.4	
					RPD = 3.76	
$ 5 DCB Decachlorobiphenyl						
1	10.660	10.655	0.005	294401	55.0	
2	9.372	9.387	-0.015	461969	55.4	
					RPD = 0.69	

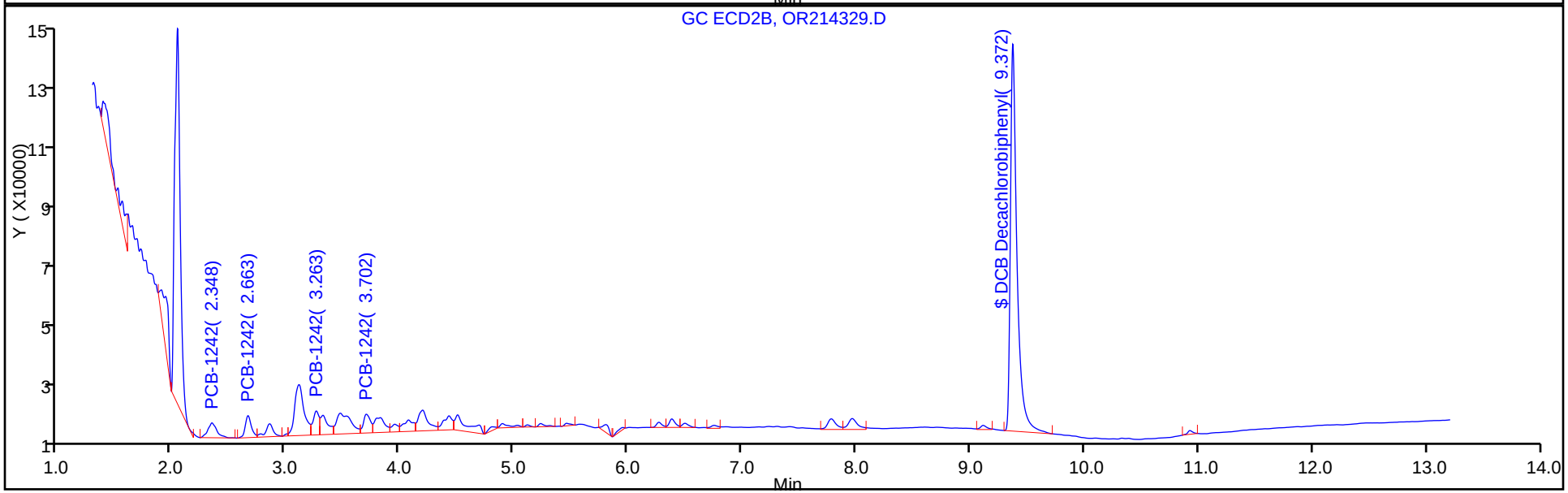
Report Date: 11-Mar-2014 15:43:03 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214329.D

Injection Date:	11-Mar-2014 05:01:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-16-A	Lab Sample ID:	460-72174-16	Worklist Smp#:	77
Client ID:	PMP-2SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	77
Method:	8082GC7	Limit Group:	GC 8082 PCB		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-WT Lab Sample ID: 460-72174-17

Matrix: Solid Lab File ID: OR214374.D

Analysis Method: 8082 Date Collected: 03/06/2014 11:50

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.00(g) Date Analyzed: 03/11/2014 18:26

Con. Extract Vol.: 10(mL) Dilution Factor: 25

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212118 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214374.D
Lims ID: 460-72174-F-17-A Lab Sample ID: 460-72174-17
Client ID: PMP-2SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 18:26:30 ALS Bottle#: 39 Worklist Smp#: 39
Injection Vol: 1.0 ul Dil. Factor: 25.0000
Sample Info: 460-0010709-039
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 12-Mar-2014 11:26:30 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 11:13:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.037	3.042	-0.005	206883	1448.9	M
1	3.505	3.513	-0.008	498692	1899.8	M
1	4.047	4.055	-0.008	834853	1839.4	M
1	4.217	4.225	-0.008	379232	1723.2	
1	5.343	5.355	-0.012	368425	1810.4	M
		Average of Peak Amounts =			1744.3	
2	2.343	2.345	-0.002	254825	1263.2	M
2	2.667	2.672	-0.005	560868	1775.4	
2	3.120	3.127	-0.007	1310365	1989.2	M
2	3.265	3.272	-0.007	461500	2003.3	M
2	3.703	3.712	-0.009	517851	1952.7	M
		Average of Peak Amounts =			1796.7	
				RPD =	2.96	
10 PCB-1260						
1	0.0	6.505	-6.505	0	0	
1	6.832	6.845	-0.013	170029	371.5	M
1	8.377	8.400	-0.023	128366	356.6	
1	8.930	8.942	-0.012	326420	433.7	M
1	10.140	10.143	-0.003	76382	387.6	
		Average of Peak Amounts =			387.3	
2	5.117	5.130	-0.013	230189	486.2	
2	6.277	6.290	-0.013	157250	402.1	M
2	6.752	6.768	-0.016	432735	401.9	
2	7.242	7.258	-0.016	150737	361.6	
2	8.617	8.633	-0.016	139595	408.1	
		Average of Peak Amounts =			412.0	
				RPD =	6.16	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags

QC Flag Legend

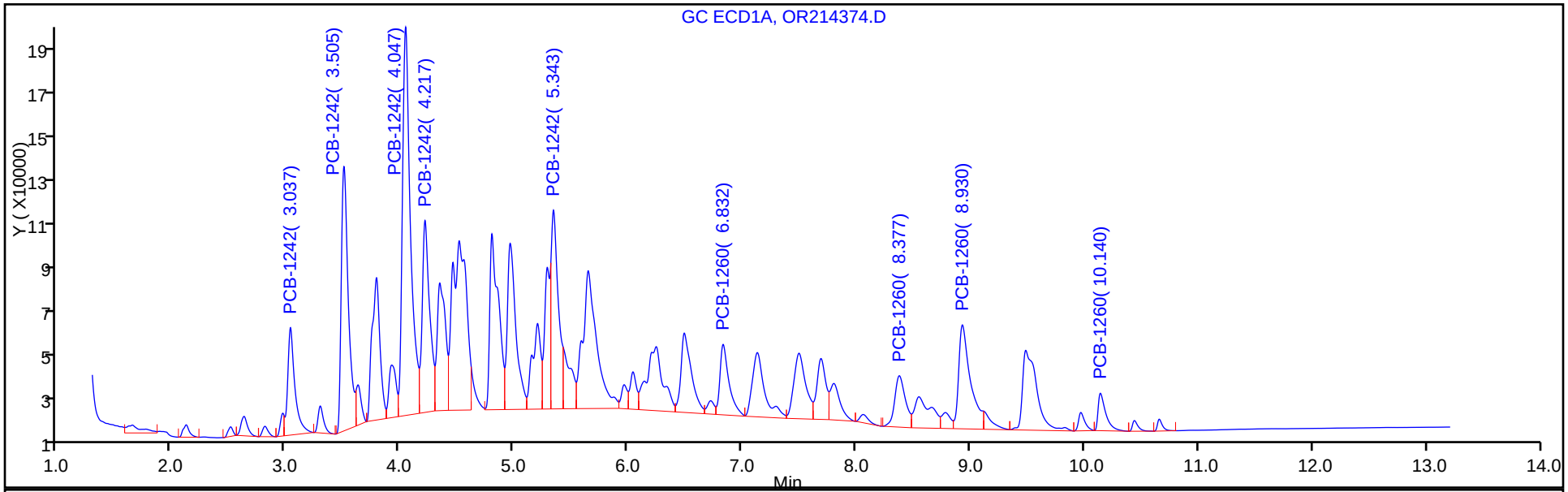
Review Flags
M - Manually Integrated

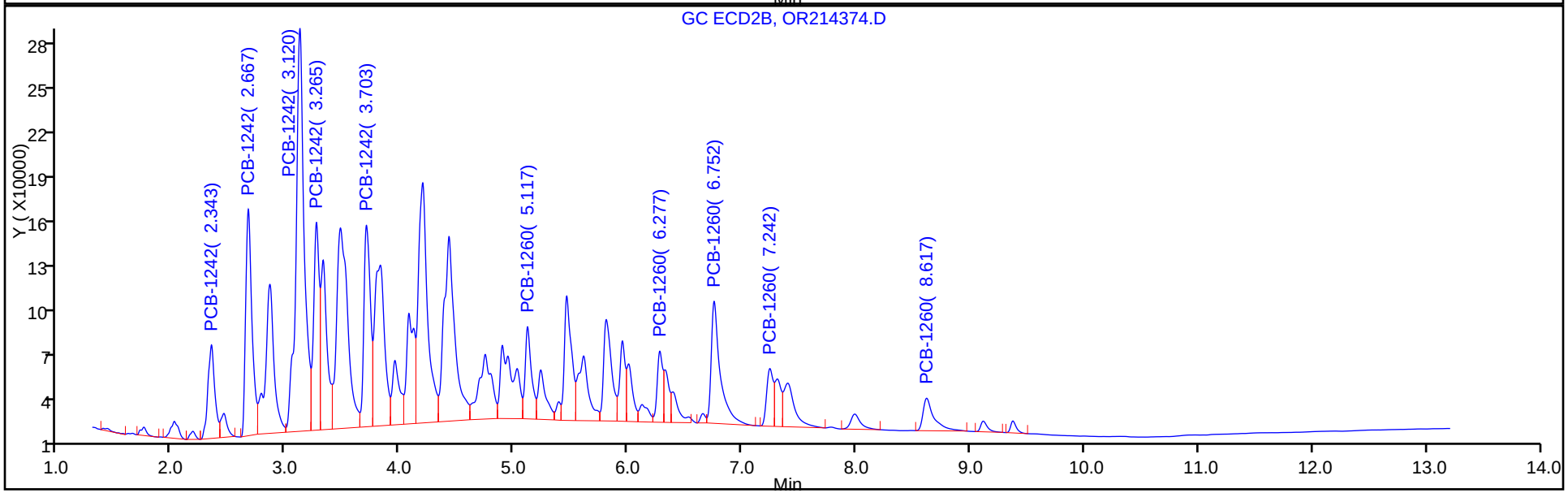
Report Date: 12-Mar-2014 11:26:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214374.D

Injection Date:	11-Mar-2014 18:26:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-17-A	Lab Sample ID:	460-72174-17	Worklist Smp#:	39
Client ID:	PMP-2SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	25.0000	ALS Bottle#:	39
Method:	8082GC7	Limit Group:	GC 8082 PCB		





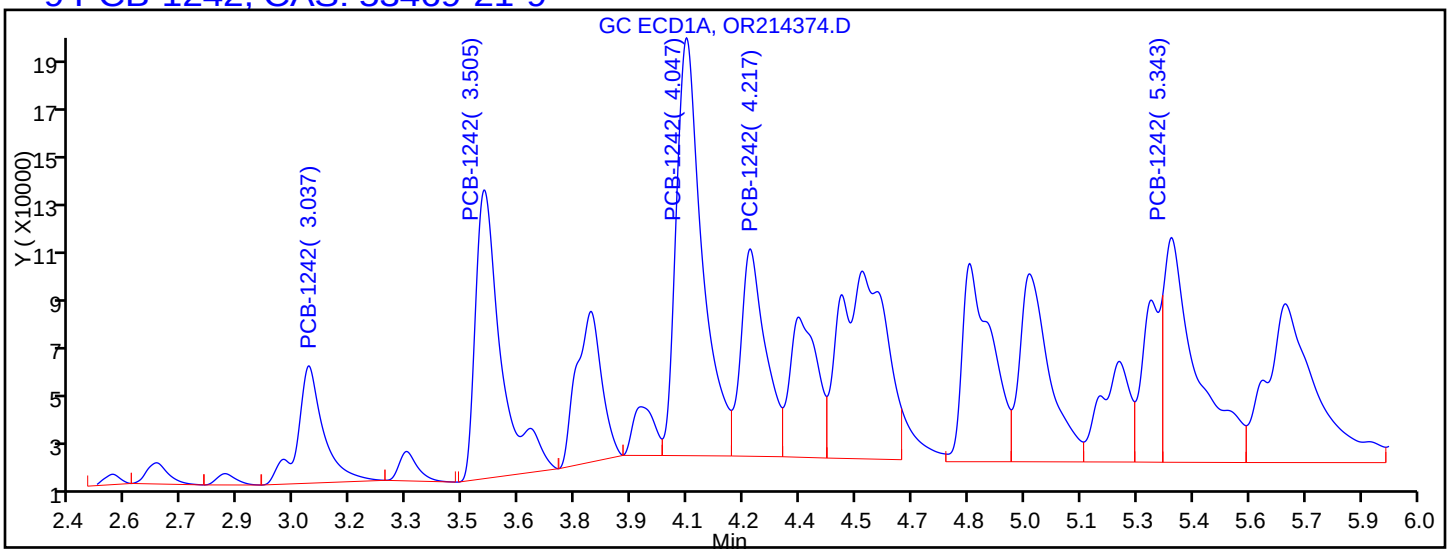
Report Date: 12-Mar-2014 11:26:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214374.D

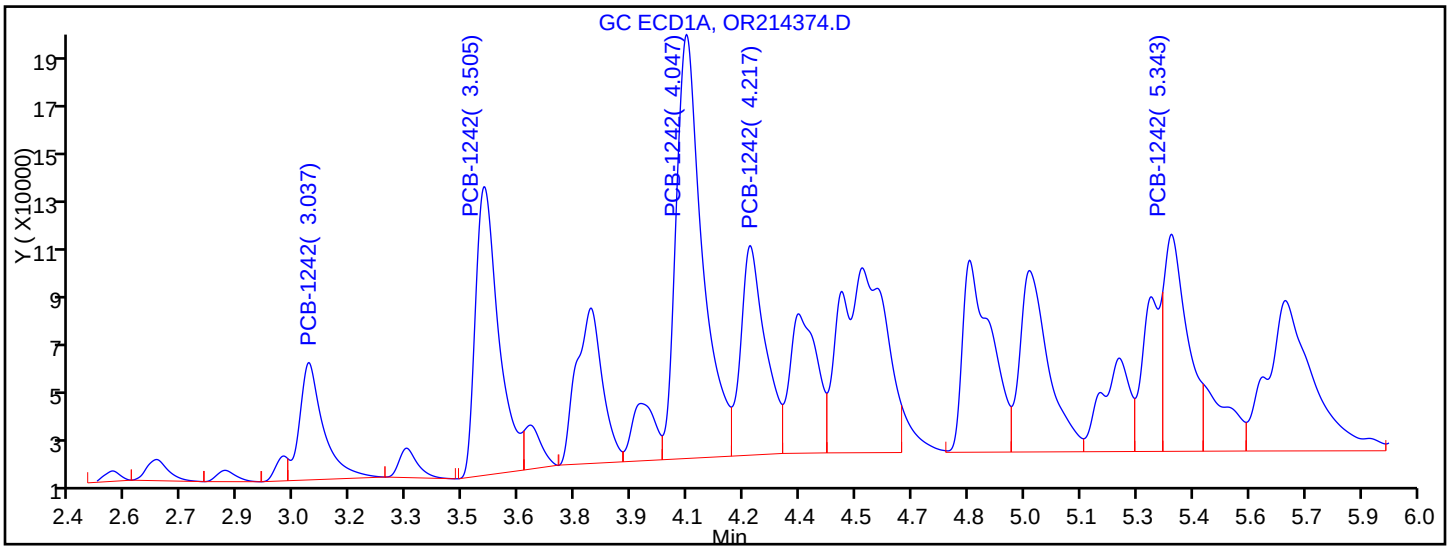
Injection Date:	11-Mar-2014 18:26:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-17-A	Lab Sample ID:	460-72174-17		
Client ID:	PMP-2SW-WT				
Operator ID:		ALS Bottle#:	39	Worklist Smp#:	39
Injection Vol:	1.0 ul	Dil. Factor:	25.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD1A		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.037	Response = 227634	M
RT = 3.505	Response = 550534	M
RT = 4.047	Response = 810539	M
RT = 4.217	Response = 379232	
RT = 5.343	Response = 535829	M



Manual Integration Results

RT = 3.037	Response = 206883	M
RT = 3.505	Response = 498692	M
RT = 4.047	Response = 834853	M
RT = 4.217	Response = 379232	
RT = 5.343	Response = 368425	M

Reviewer: patelji, 12-Mar-2014 11:13:15

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-WT | Lab Sample ID: 460-72174-17

Matrix: Solid | Lab File ID: OR214374.D

Analysis Method: 8082 | Date Collected: 03/06/2014 11:50

Extraction Method: 3546 | Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.00(g) | Date Analyzed: 03/11/2014 18:26

Con. Extract Vol.: 10(mL) | Dilution Factor: 25

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212118 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	420	U	1900	420
11104-28-2	Aroclor 1221	420	U	1900	420
11141-16-5	Aroclor 1232	420	U	1900	420
53469-21-9	Aroclor 1242	34000		1900	420
12672-29-6	Aroclor 1248	420	U	1900	420
11097-69-1	Aroclor 1254	540	U	1900	540
11096-82-5	Aroclor 1260	7700		1900	540
37324-23-5	Aroclor 1262	540	U	1900	540
11100-14-4	Aroclor 1268	540	U	1900	540

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214374.D
Lims ID: 460-72174-F-17-A Lab Sample ID: 460-72174-17
Client ID: PMP-2SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 18:26:30 ALS Bottle#: 39 Worklist Smp#: 39
Injection Vol: 1.0 ul Dil. Factor: 25.0000
Sample Info: 460-0010709-039
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 12-Mar-2014 11:26:30 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 11:13:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.037	3.042	-0.005	206883	1448.9	M
1	3.505	3.513	-0.008	498692	1899.8	M
1	4.047	4.055	-0.008	834853	1839.4	M
1	4.217	4.225	-0.008	379232	1723.2	
1	5.343	5.355	-0.012	368425	1810.4	M
		Average of Peak Amounts =			1744.3	
2	2.343	2.345	-0.002	254825	1263.2	M
2	2.667	2.672	-0.005	560868	1775.4	
2	3.120	3.127	-0.007	1310365	1989.2	M
2	3.265	3.272	-0.007	461500	2003.3	M
2	3.703	3.712	-0.009	517851	1952.7	M
		Average of Peak Amounts =			1796.7	
				RPD =	2.96	
10 PCB-1260						
1	0.0	6.505	-6.505	0	0	
1	6.832	6.845	-0.013	170029	371.5	M
1	8.377	8.400	-0.023	128366	356.6	
1	8.930	8.942	-0.012	326420	433.7	M
1	10.140	10.143	-0.003	76382	387.6	
		Average of Peak Amounts =			387.3	
2	5.117	5.130	-0.013	230189	486.2	
2	6.277	6.290	-0.013	157250	402.1	M
2	6.752	6.768	-0.016	432735	401.9	
2	7.242	7.258	-0.016	150737	361.6	
2	8.617	8.633	-0.016	139595	408.1	
		Average of Peak Amounts =			412.0	
				RPD =	6.16	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags

QC Flag Legend

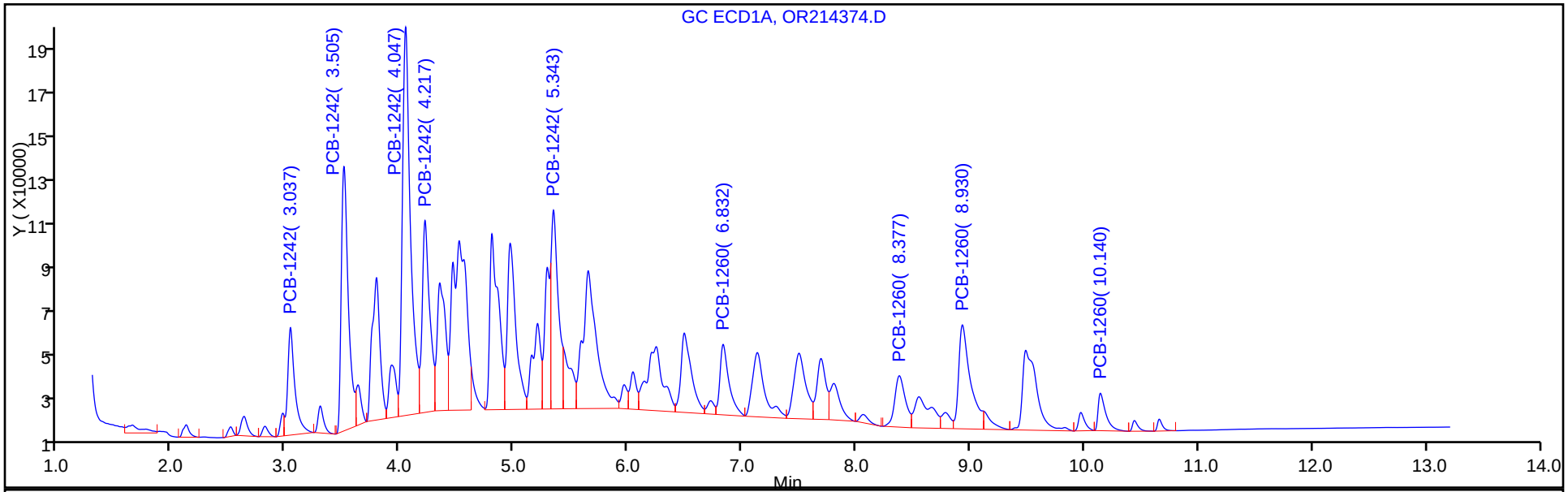
Review Flags
M - Manually Integrated

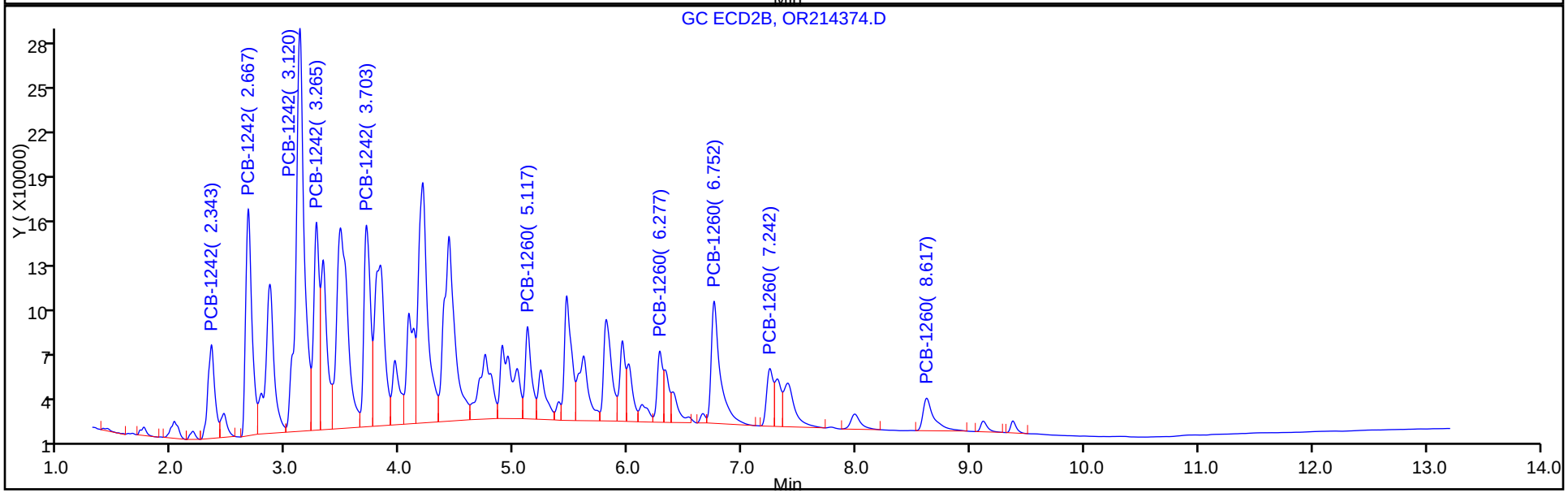
Report Date: 12-Mar-2014 11:26:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214374.D

Injection Date:	11-Mar-2014 18:26:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-17-A	Lab Sample ID:	460-72174-17	Worklist Smp#:	39
Client ID:	PMP-2SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	25.0000	ALS Bottle#:	39
Method:	8082GC7	Limit Group:	GC 8082 PCB		





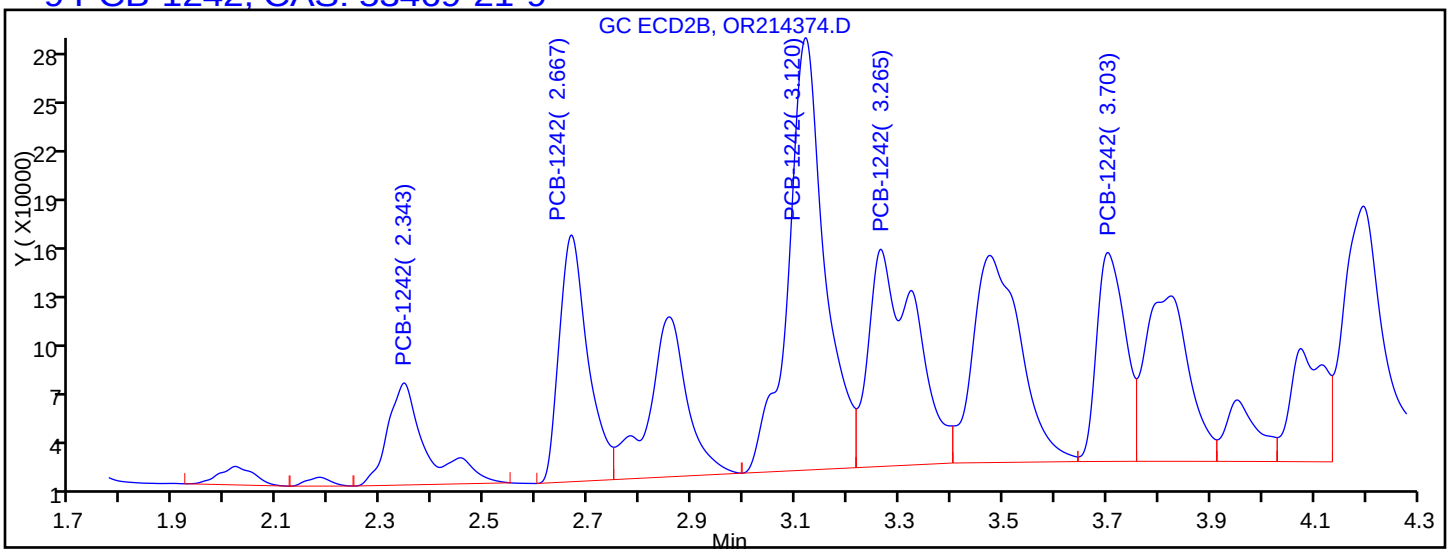
Report Date: 12-Mar-2014 11:26:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214374.D

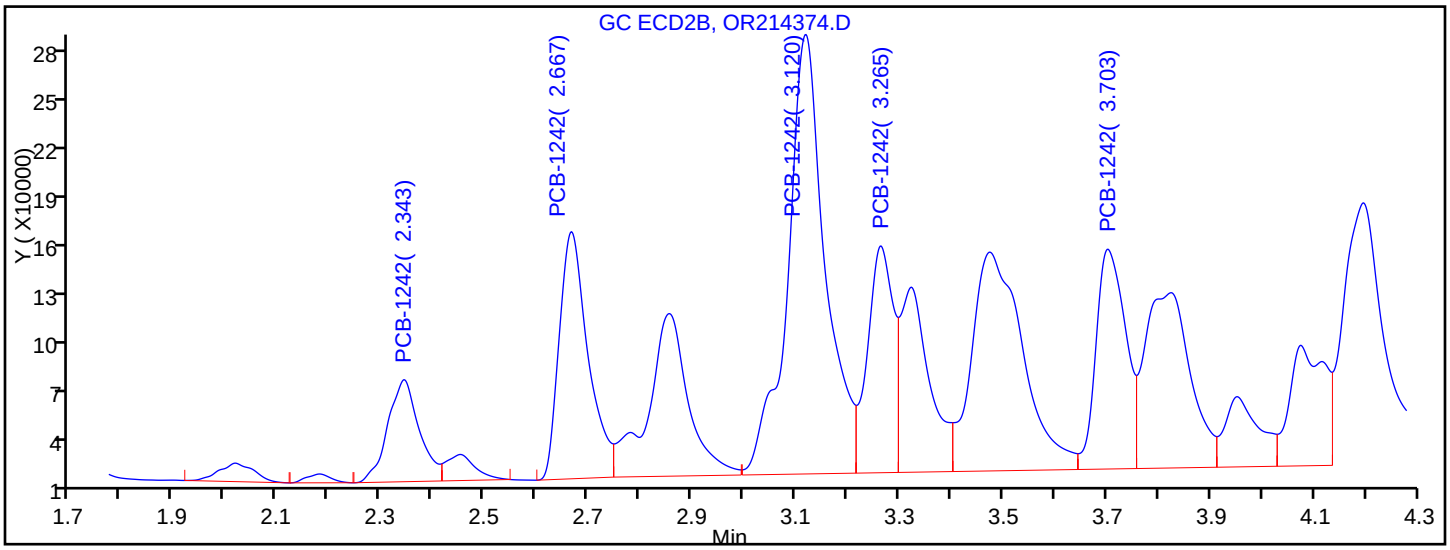
Injection Date:	11-Mar-2014 18:26:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-17-A	Lab Sample ID:	460-72174-17		
Client ID:	PMP-2SW-WT				
Operator ID:		ALS Bottle#:	39	Worklist Smp#:	39
Injection Vol:	1.0 ul	Dil. Factor:	25.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.343	Response = 313381	M
RT = 2.667	Response = 560868	
RT = 3.120	Response = 1256641	M
RT = 3.265	Response = 814773	M
RT = 3.703	Response = 474321	M



Manual Integration Results

RT = 2.343	Response = 254825	M
RT = 2.667	Response = 560868	
RT = 3.120	Response = 1310365	M
RT = 3.265	Response = 461500	M
RT = 3.703	Response = 517851	M

Reviewer: patelji, 12-Mar-2014 11:13:15

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-SI Lab Sample ID: 460-72174-18

Matrix: Solid Lab File ID: OR214331.D

Analysis Method: 8082 Date Collected: 03/06/2014 11:55

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.02(g) Date Analyzed: 03/11/2014 05:34

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	390		77	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214331.D
Lims ID: 460-72174-F-18-A Lab Sample ID: 460-72174-18
Client ID: PMP-2SW-SI
Sample Type: Client
Inject. Date: 11-Mar-2014 05:34:30 ALS Bottle#: 79 Worklist Smp#: 79
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010655-079
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 15:41:47 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 13:05:08

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.033	3.042	-0.009	65422	458.2	M
1	3.503	3.513	-0.010	132444	504.6	M
1	4.043	4.055	-0.012	233022	513.4	M
1	4.213	4.225	-0.012	116013	527.2	M
1	5.342	5.355	-0.013	111718	549.0	M
		Average of Peak Amounts =			510.4	
2	2.343	2.345	-0.002	89385	443.1	M
2	2.667	2.672	-0.005	164824	521.8	
2	3.118	3.127	-0.009	374563	568.6	
2	3.265	3.272	-0.007	122630	532.3	M
2	3.702	3.712	-0.010	128785	485.6	
		Average of Peak Amounts =			510.3	
				RPD =	0.03	
10 PCB-1260						M
1	6.490	6.505	-0.015	41713	106.3	
1	6.830	6.845	-0.015	29222	63.8	
1	8.375	8.400	-0.025	27160	75.4	M
1	8.930	8.942	-0.012	64317	85.5	M
1	10.143	10.143	0.0	13790	70.0	
		Average of Peak Amounts =			80.2	
2	5.117	5.130	-0.013	44528	94.1	
2	6.277	6.290	-0.013	32668	83.5	M
2	6.752	6.768	-0.016	97361	90.4	M
2	7.240	7.258	-0.018	30998	74.4	M
2	8.615	8.633	-0.018	25932	75.8	
		Average of Peak Amounts =			83.6	
				RPD =	4.17	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.660	10.655	0.005	297117	55.5	
2	9.372	9.387	-0.015	511663	61.4	
					RPD = 9.98	

QC Flag Legend

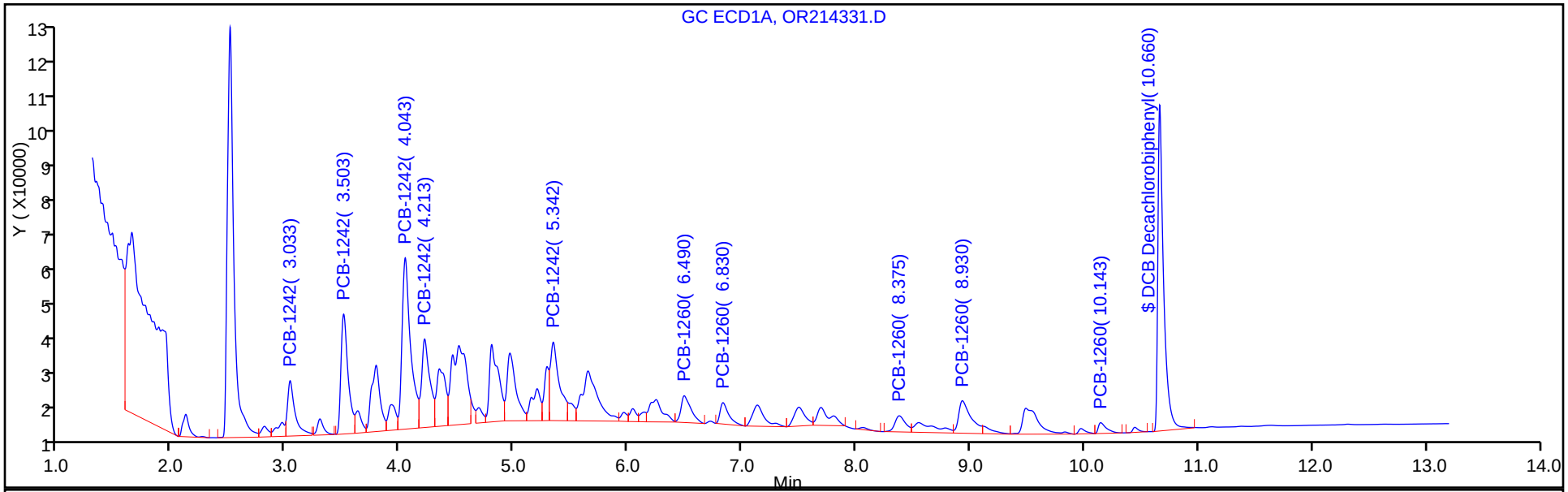
Review Flags
M - Manually Integrated

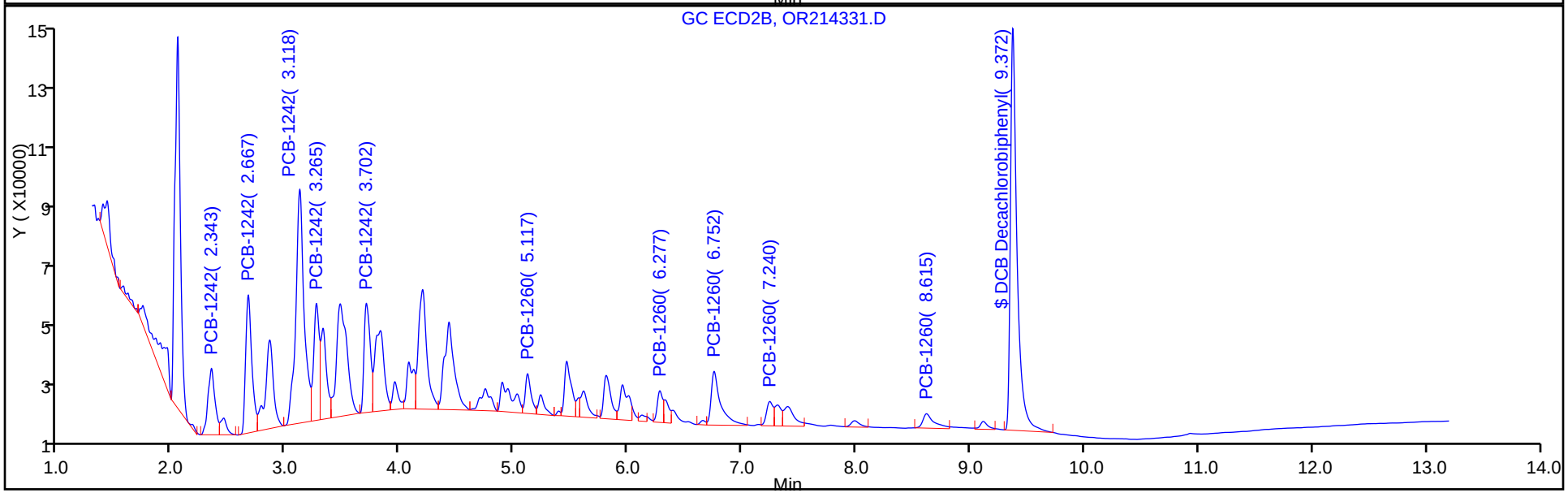
Report Date: 11-Mar-2014 15:43:12 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214331.D

Injection Date:	11-Mar-2014 05:34:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-18-A	Lab Sample ID:	460-72174-18	Worklist Smp#:	79
Client ID:	PMP-2SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	79
Method:	8082GC7	Limit Group:	GC 8082 PCB		





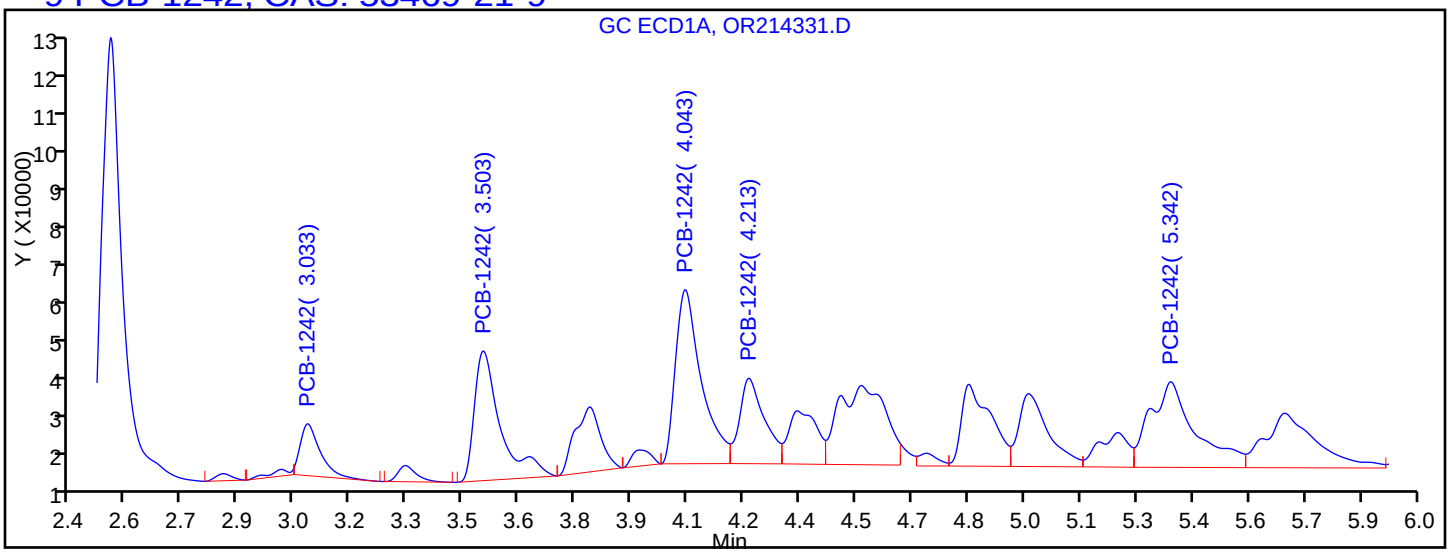
Report Date: 11-Mar-2014 15:43:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214331.D

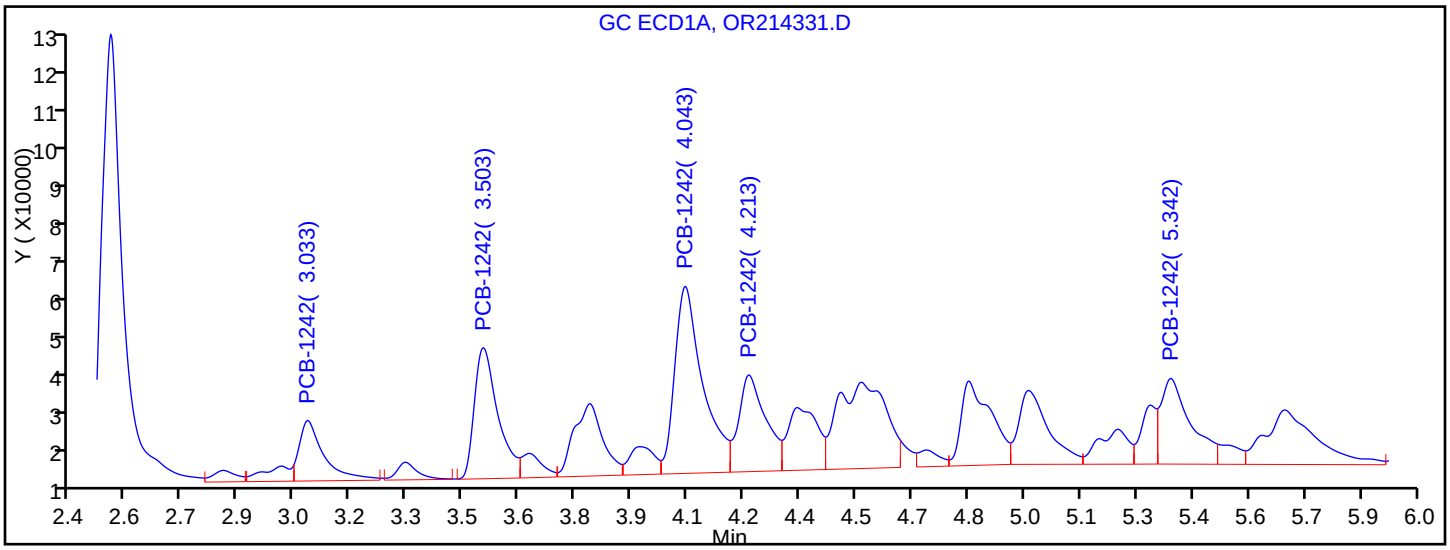
Injection Date:	11-Mar-2014 05:34:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-18-A	Lab Sample ID:	460-72174-18		
Client ID:	PMP-2SW-SI				
Operator ID:		ALS Bottle#:	79	Worklist Smp#:	79
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD1A		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.033	Response = 46019	M
RT = 3.503	Response = 148978	M
RT = 4.043	Response = 199545	M
RT = 4.213	Response = 94300	M
RT = 5.342	Response = 170460	M



Manual Integration Results

RT = 3.033	Response = 65422	M
RT = 3.503	Response = 132444	M
RT = 4.043	Response = 233022	M
RT = 4.213	Response = 116013	M
RT = 5.342	Response = 111718	M

Reviewer: patelji, 11-Mar-2014 13:05:08

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

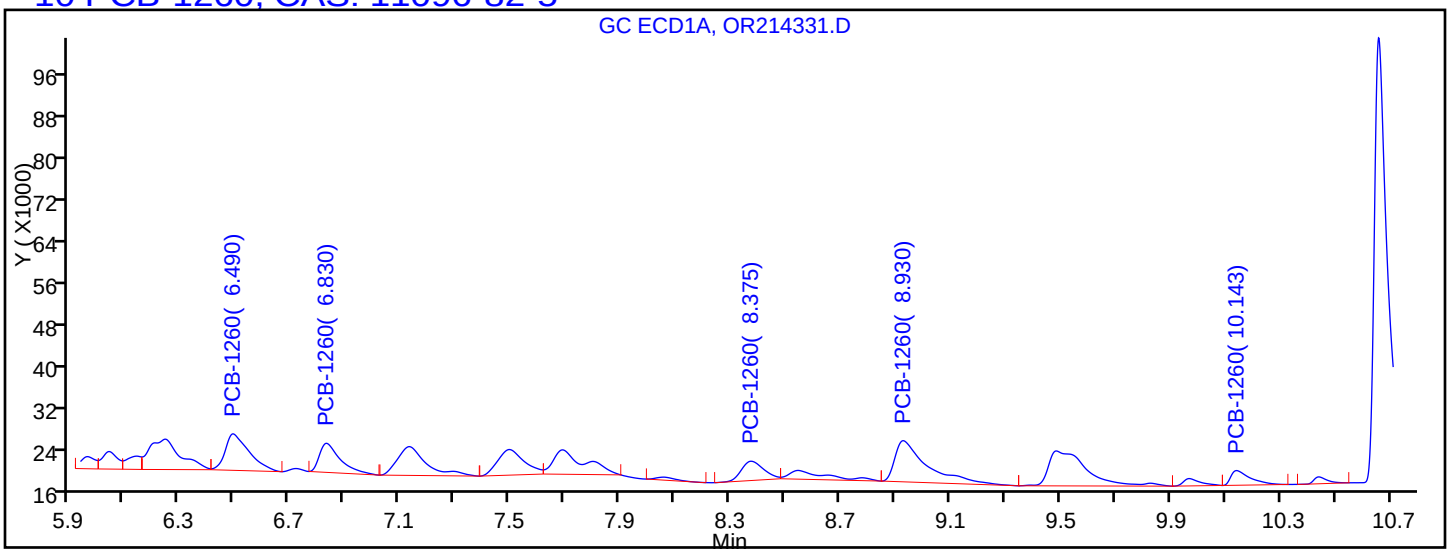
Report Date: 11-Mar-2014 15:43:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214331.D

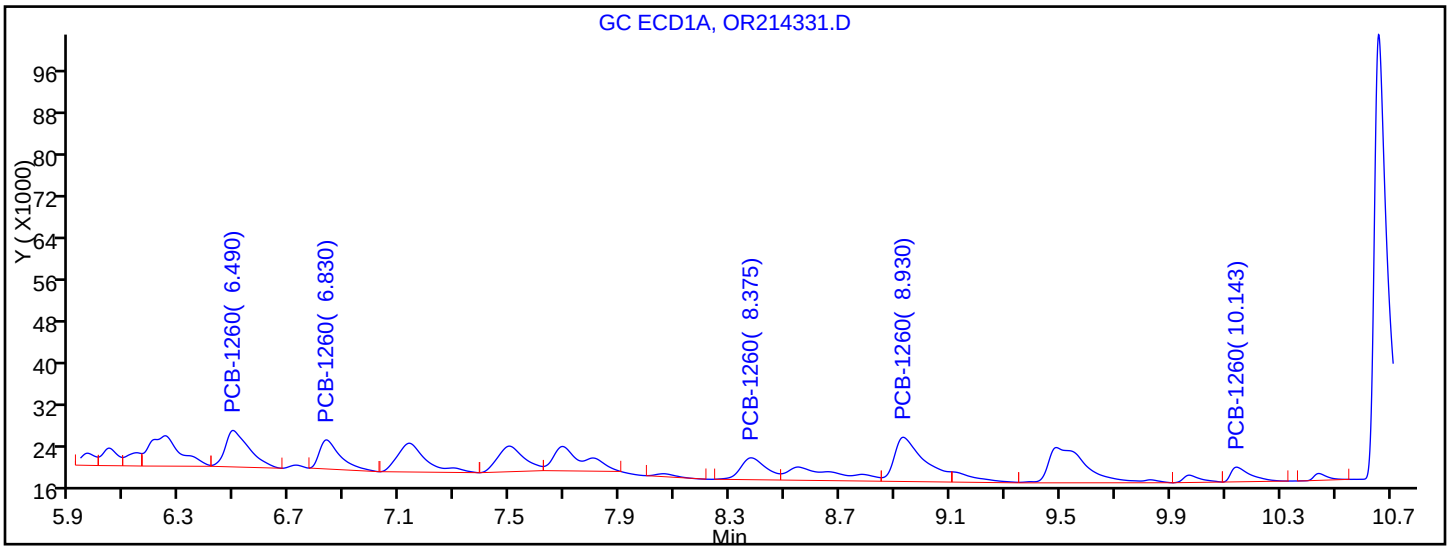
Injection Date:	11-Mar-2014 05:34:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-18-A	Lab Sample ID:	460-72174-18		
Client ID:	PMP-2SW-SI				
Operator ID:		ALS Bottle#:	79	Worklist Smp#:	79
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD1A		

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 6.490	Response = 41713	
RT = 6.830	Response = 29222	
RT = 8.375	Response = 20781	M
RT = 8.930	Response = 64039	M
RT = 10.143	Response = 13790	



Manual Integration Results

RT = 6.490	Response = 41713	
RT = 6.830	Response = 29222	
RT = 8.375	Response = 27160	M
RT = 8.930	Response = 64317	M
RT = 10.143	Response = 13790	

Reviewer: patelji, 11-Mar-2014 13:05:08

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-SI Lab Sample ID: 460-72174-18

Matrix: Solid Lab File ID: OR214331.D

Analysis Method: 8082 Date Collected: 03/06/2014 11:55

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.02(g) Date Analyzed: 03/11/2014 05:34

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	77	17
11104-28-2	Aroclor 1221	17	U	77	17
11141-16-5	Aroclor 1232	17	U	77	17
12672-29-6	Aroclor 1248	17	U	77	17
11097-69-1	Aroclor 1254	22	U	77	22
11096-82-5	Aroclor 1260	64	J	77	22
37324-23-5	Aroclor 1262	22	U	77	22
11100-14-4	Aroclor 1268	22	U	77	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	123		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214331.D
Lims ID: 460-72174-F-18-A Lab Sample ID: 460-72174-18
Client ID: PMP-2SW-SI
Sample Type: Client
Inject. Date: 11-Mar-2014 05:34:30 ALS Bottle#: 79 Worklist Smp#: 79
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010655-079
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 15:41:47 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 13:05:08

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.033	3.042	-0.009	65422	458.2	M
1	3.503	3.513	-0.010	132444	504.6	M
1	4.043	4.055	-0.012	233022	513.4	M
1	4.213	4.225	-0.012	116013	527.2	M
1	5.342	5.355	-0.013	111718	549.0	M
		Average of Peak Amounts =			510.4	
2	2.343	2.345	-0.002	89385	443.1	M
2	2.667	2.672	-0.005	164824	521.8	
2	3.118	3.127	-0.009	374563	568.6	
2	3.265	3.272	-0.007	122630	532.3	M
2	3.702	3.712	-0.010	128785	485.6	
		Average of Peak Amounts =			510.3	
				RPD =	0.03	
10 PCB-1260						M
1	6.490	6.505	-0.015	41713	106.3	
1	6.830	6.845	-0.015	29222	63.8	
1	8.375	8.400	-0.025	27160	75.4	M
1	8.930	8.942	-0.012	64317	85.5	M
1	10.143	10.143	0.0	13790	70.0	
		Average of Peak Amounts =			80.2	
2	5.117	5.130	-0.013	44528	94.1	
2	6.277	6.290	-0.013	32668	83.5	M
2	6.752	6.768	-0.016	97361	90.4	M
2	7.240	7.258	-0.018	30998	74.4	M
2	8.615	8.633	-0.018	25932	75.8	
		Average of Peak Amounts =			83.6	
				RPD =	4.17	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.660	10.655	0.005	297117	55.5	
2	9.372	9.387	-0.015	511663	61.4	
					RPD = 9.98	

QC Flag Legend

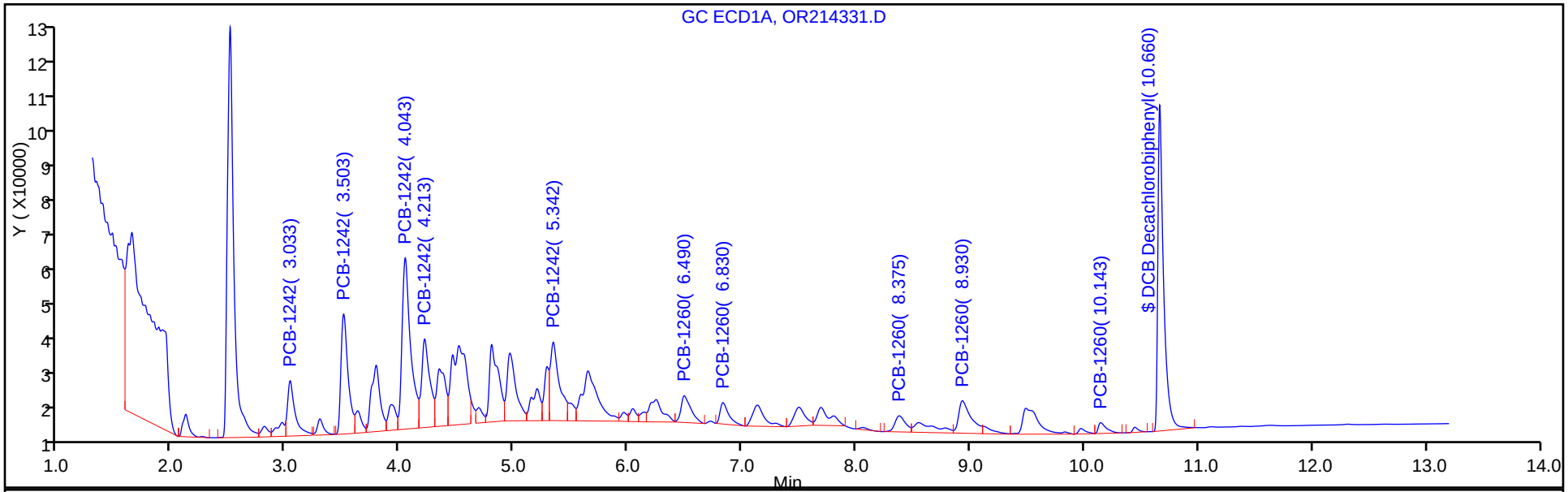
Review Flags
M - Manually Integrated

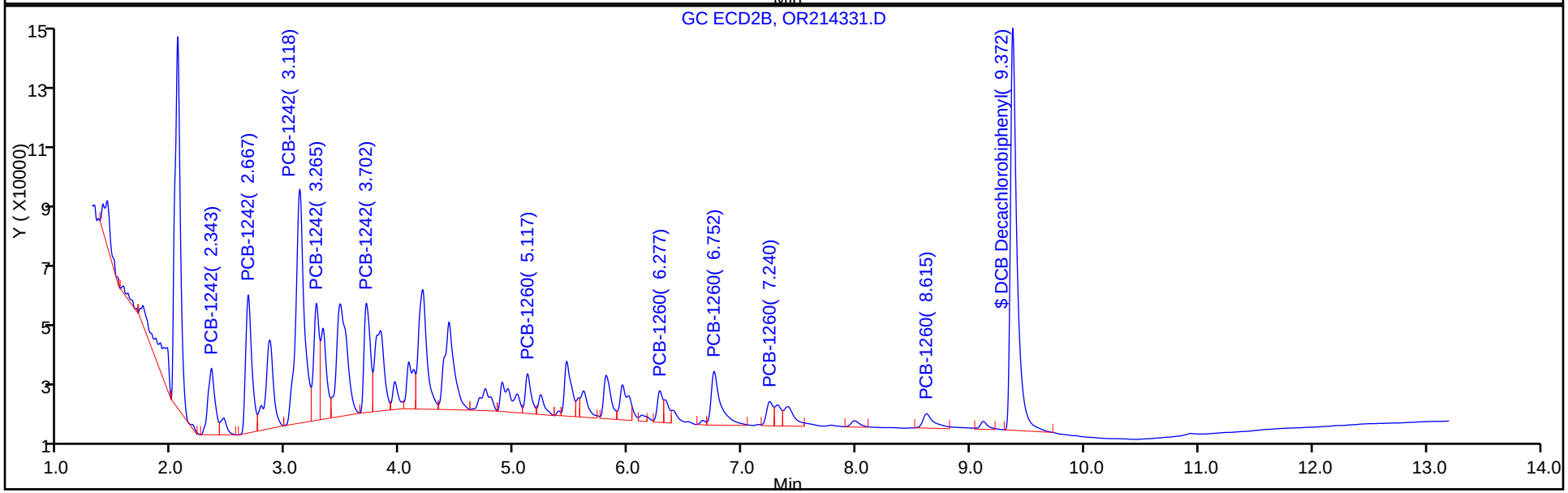
Report Date: 11-Mar-2014 15:43:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214331.D

Injection Date:	11-Mar-2014 05:34:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-18-A	Lab Sample ID:	460-72174-18	Worklist Smp#:	79
Client ID:	PMP-2SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	79
Method:	8082GC7	Limit Group:	GC 8082 PCB		





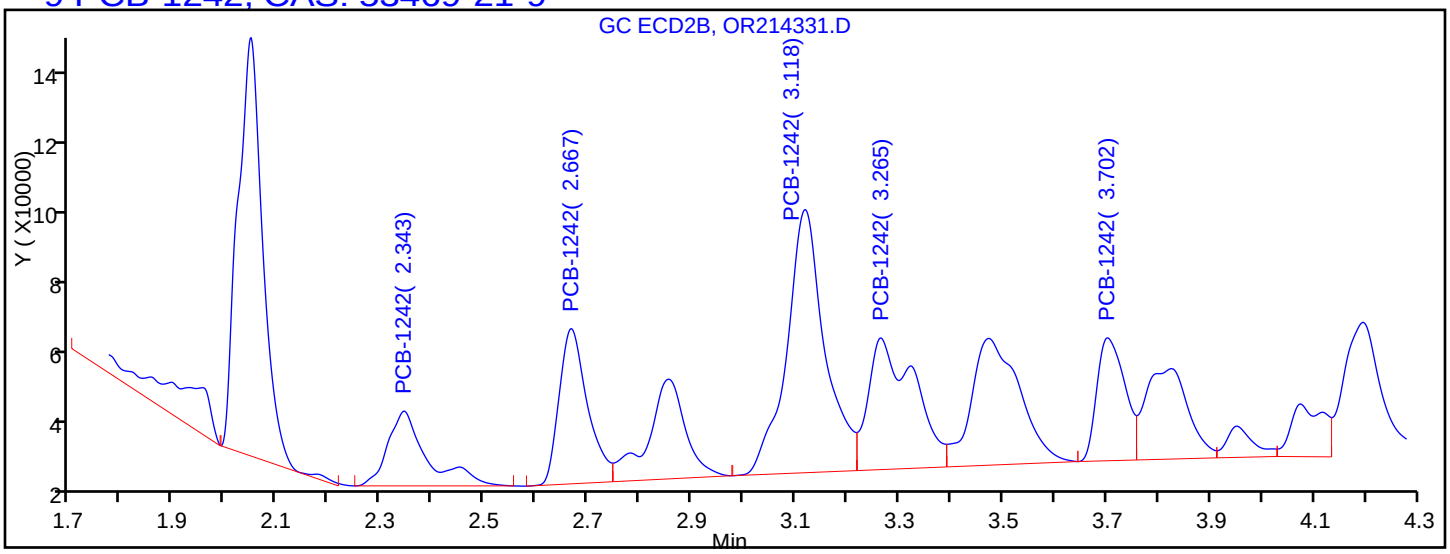
Report Date: 11-Mar-2014 15:43:14 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214331.D

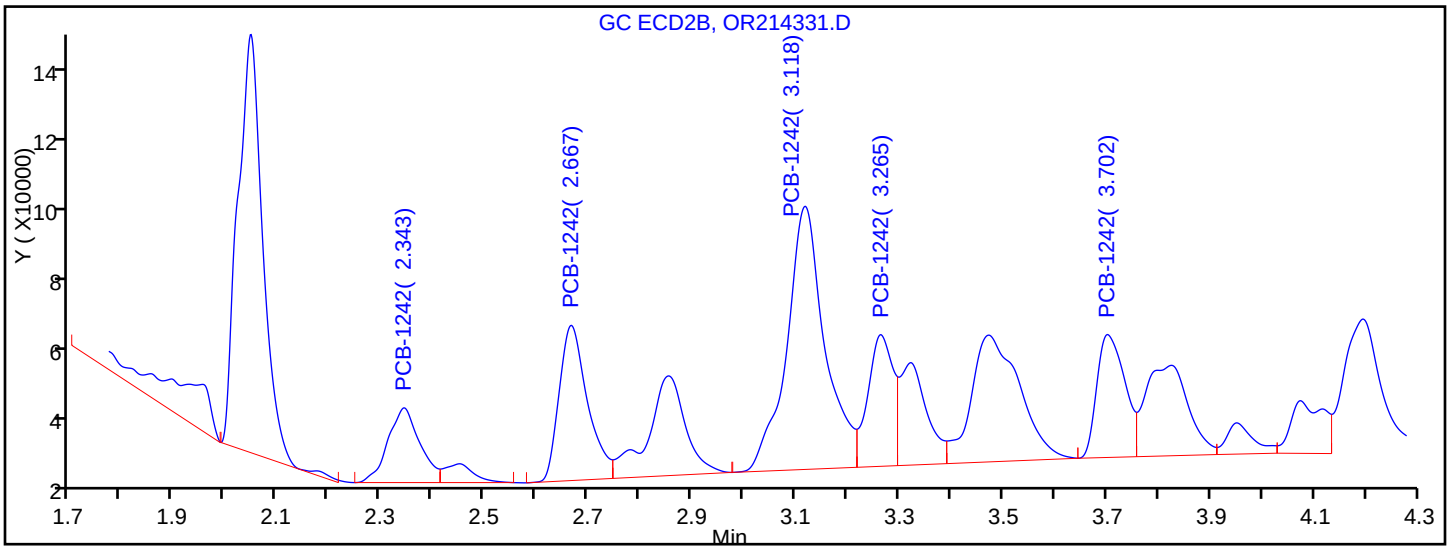
Injection Date:	11-Mar-2014 05:34:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-18-A	Lab Sample ID:	460-72174-18		
Client ID:	PMP-2SW-SI				
Operator ID:		ALS Bottle#:	79	Worklist Smp#:	79
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.343	Response = 109520	M
RT = 2.667	Response = 164824	
RT = 3.118	Response = 374563	
RT = 3.265	Response = 225868	M
RT = 3.702	Response = 128785	



Manual Integration Results

RT = 2.343	Response = 89385	M
RT = 2.667	Response = 164824	
RT = 3.118	Response = 374563	
RT = 3.265	Response = 122630	M
RT = 3.702	Response = 128785	

Reviewer: patelji, 11-Mar-2014 13:05:08

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

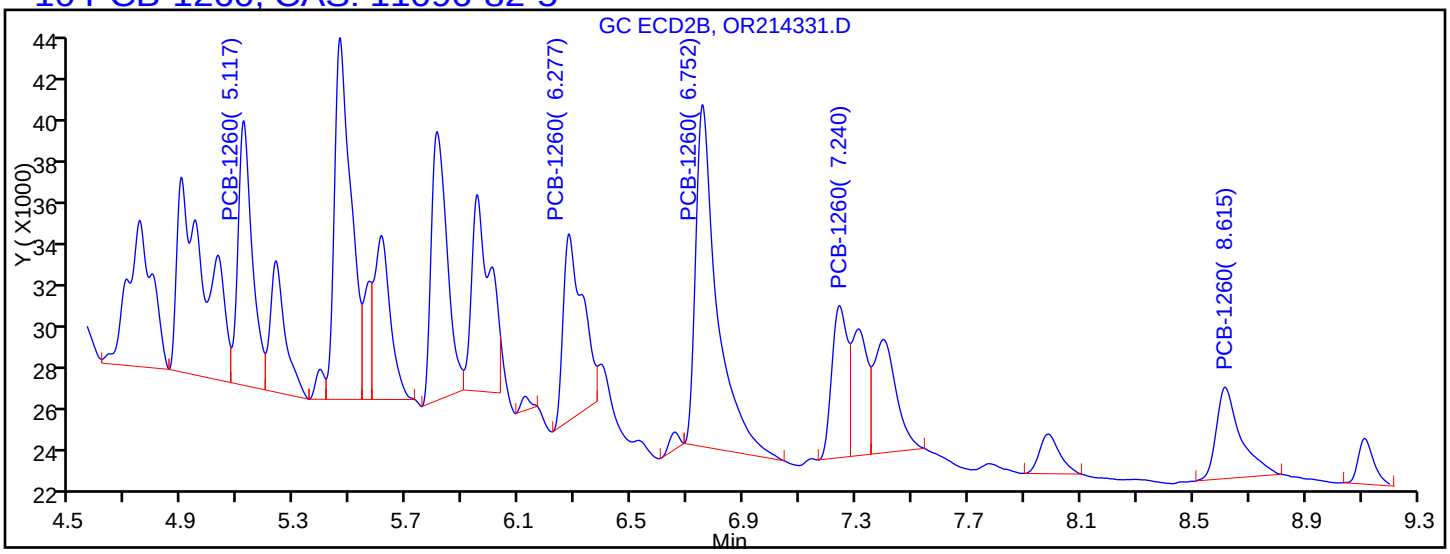
Report Date: 11-Mar-2014 15:43:14 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214331.D

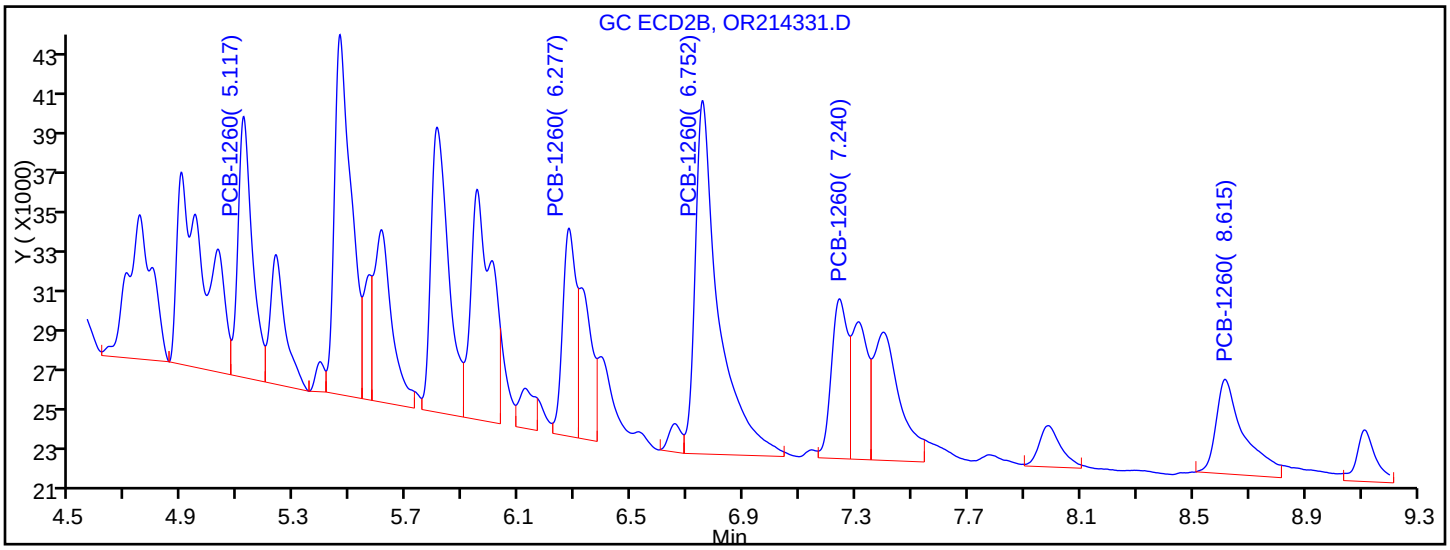
Injection Date:	11-Mar-2014 05:34:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-18-A	Lab Sample ID:	460-72174-18		
Client ID:	PMP-2SW-SI				
Operator ID:		ALS Bottle#:	79	Worklist Smp#:	79
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.117	Response = 44528	
RT = 6.277	Response = 42624	M
RT = 6.752	Response = 85559	M
RT = 7.240	Response = 28038	M
RT = 8.615	Response = 25932	



Manual Integration Results

RT = 5.117	Response = 44528	
RT = 6.277	Response = 32668	M
RT = 6.752	Response = 97361	M
RT = 7.240	Response = 30998	M
RT = 8.615	Response = 25932	

Reviewer: patelji, 11-Mar-2014 13:05:08

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-VS Lab Sample ID: 460-72174-19

Matrix: Solid Lab File ID: OR214375.D

Analysis Method: 8082 Date Collected: 03/06/2014 12:25

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.05(g) Date Analyzed: 03/11/2014 18:42

Con. Extract Vol.: 10(mL) Dilution Factor: 50

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212118 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214375.D
Lims ID: 460-72174-F-19-A Lab Sample ID: 460-72174-19
Client ID: PMP-24SW-VS
Sample Type: Client
Inject. Date: 11-Mar-2014 18:42:30 ALS Bottle#: 40 Worklist Smp#: 40
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info: 460-0010709-040
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 12-Mar-2014 11:26:30 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 11:14:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.035	3.042	-0.007	193116	1352.4	M
1	3.505	3.513	-0.008	325242	1239.0	M
1	4.045	4.055	-0.010	483695	1065.7	M
1	4.215	4.225	-0.010	250806	1139.6	M
1	0.0	5.355	-5.355	0	0	
		Average of Peak Amounts =			1199.2	
2	2.345	2.345	0.0	268994	1333.4	M
2	2.668	2.672	-0.004	420970	1332.6	M
2	3.120	3.127	-0.007	846900	1285.6	M
2	3.265	3.272	-0.007	294826	1279.8	M
2	3.703	3.712	-0.009	277679	1047.1	M
		Average of Peak Amounts =			1255.7	
				RPD =	4.60	

QC Flag Legend

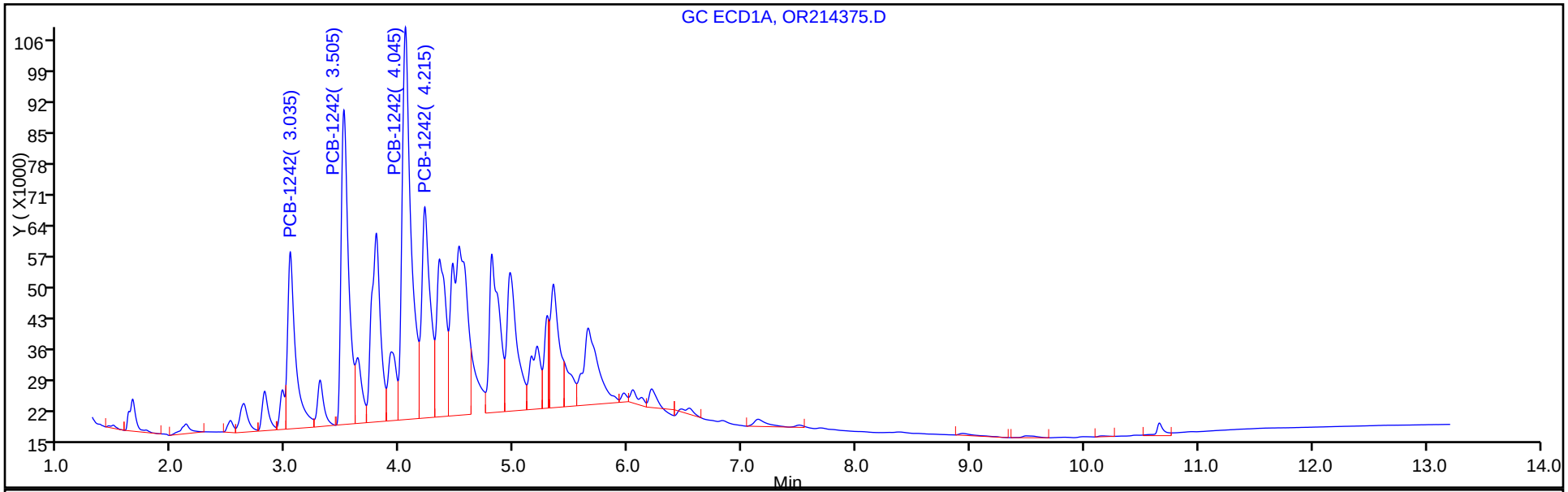
Review Flags
M - Manually Integrated

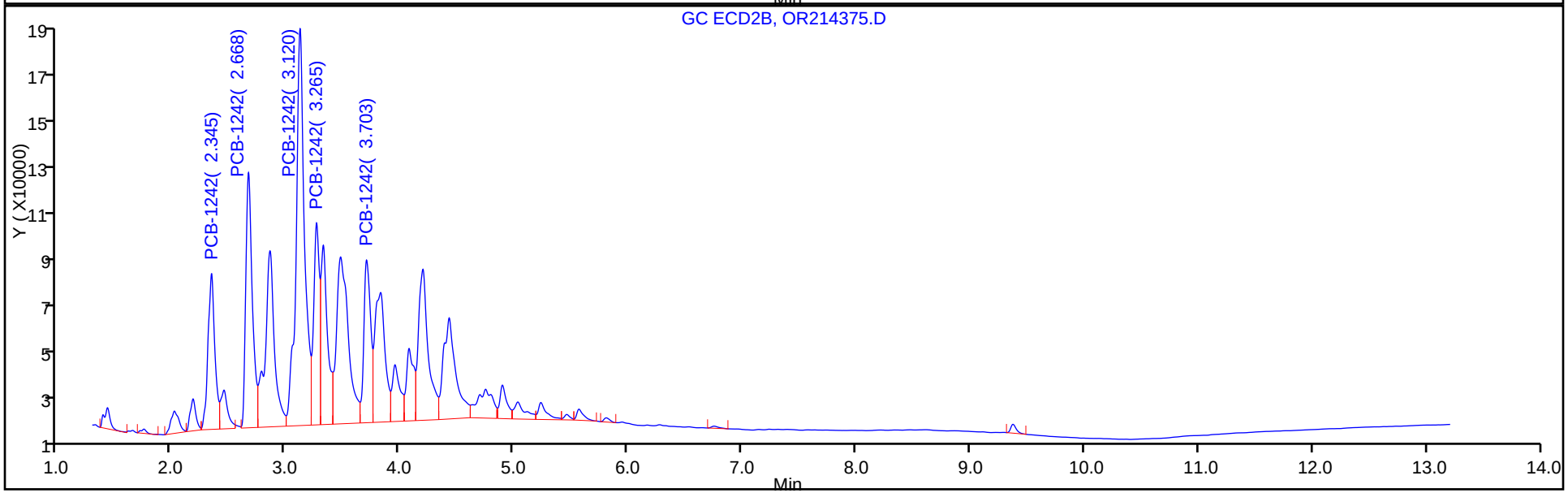
Report Date: 12-Mar-2014 11:26:43 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214375.D

Injection Date:	11-Mar-2014 18:42:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-19-A	Lab Sample ID:	460-72174-19	Worklist Smp#:	40
Client ID:	PMP-24SW-VS				
Injection Vol:	1.0 ul	Dil. Factor:	50.0000	ALS Bottle#:	40
Method:	8082GC7	Limit Group:	GC 8082 PCB		





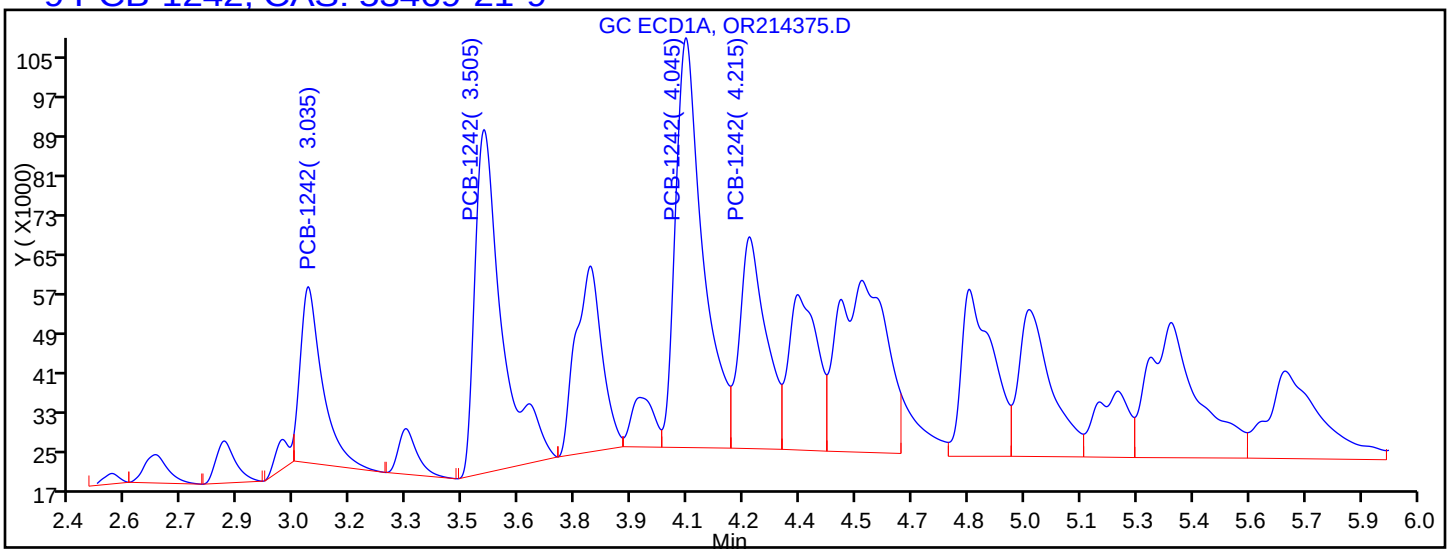
Report Date: 12-Mar-2014 11:26:43 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214375.D

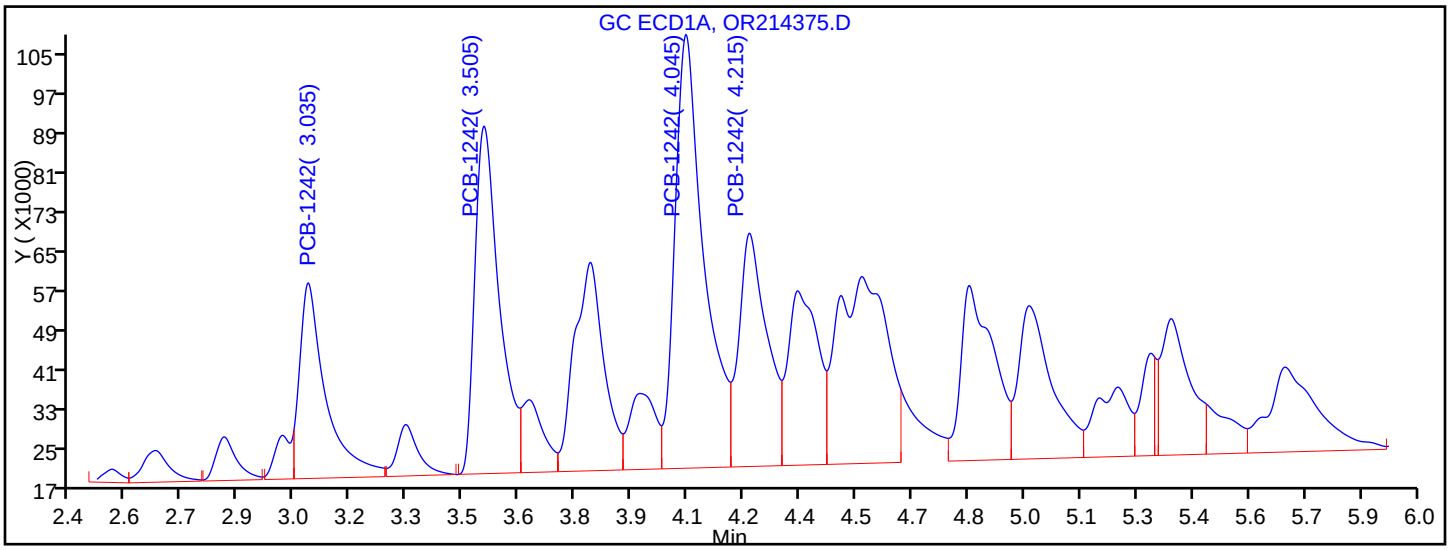
Injection Date:	11-Mar-2014 18:42:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-19-A	Lab Sample ID:	460-72174-19		
Client ID:	PMP-24SW-VS				
Operator ID:		ALS Bottle#:	40	Worklist Smp#:	40
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD1A		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.035	Response = 147900	M
RT = 3.505	Response = 353820	M
RT = 4.045	Response = 428351	M
RT = 4.215	Response = 214411	M
RT = 5.343	Response = 253581	M



Manual Integration Results

RT = 3.035	Response = 193116	M
RT = 3.505	Response = 325242	M
RT = 4.045	Response = 483695	M
RT = 4.215	Response = 250806	M
RT = 0.000	Response = 0	M

Reviewer: patelji, 12-Mar-2014 11:14:40

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-VS Lab Sample ID: 460-72174-19

Matrix: Solid Lab File ID: OR214375.D

Analysis Method: 8082 Date Collected: 03/06/2014 12:25

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.05(g) Date Analyzed: 03/11/2014 18:42

Con. Extract Vol.: 10(mL) Dilution Factor: 50

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212118 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	800	U	3600	800
11104-28-2	Aroclor 1221	800	U	3600	800
11141-16-5	Aroclor 1232	800	U	3600	800
53469-21-9	Aroclor 1242	45000		3600	800
12672-29-6	Aroclor 1248	800	U	3600	800
11097-69-1	Aroclor 1254	1000	U	3600	1000
11096-82-5	Aroclor 1260	1000	U	3600	1000
37324-23-5	Aroclor 1262	1000	U	3600	1000
11100-14-4	Aroclor 1268	1000	U	3600	1000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214375.D
Lims ID: 460-72174-F-19-A Lab Sample ID: 460-72174-19
Client ID: PMP-24SW-VS
Sample Type: Client
Inject. Date: 11-Mar-2014 18:42:30 ALS Bottle#: 40 Worklist Smp#: 40
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info: 460-0010709-040
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 12-Mar-2014 11:26:30 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 11:14:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9	PCB-1242					M
1	3.035	3.042	-0.007	193116	1352.4	M
1	3.505	3.513	-0.008	325242	1239.0	M
1	4.045	4.055	-0.010	483695	1065.7	M
1	4.215	4.225	-0.010	250806	1139.6	M
1	0.0	5.355	-5.355	0	0	
		Average of Peak Amounts =			1199.2	
2	2.345	2.345	0.0	268994	1333.4	M
2	2.668	2.672	-0.004	420970	1332.6	M
2	3.120	3.127	-0.007	846900	1285.6	M
2	3.265	3.272	-0.007	294826	1279.8	M
2	3.703	3.712	-0.009	277679	1047.1	M
		Average of Peak Amounts =			1255.7	
				RPD =	4.60	

QC Flag Legend

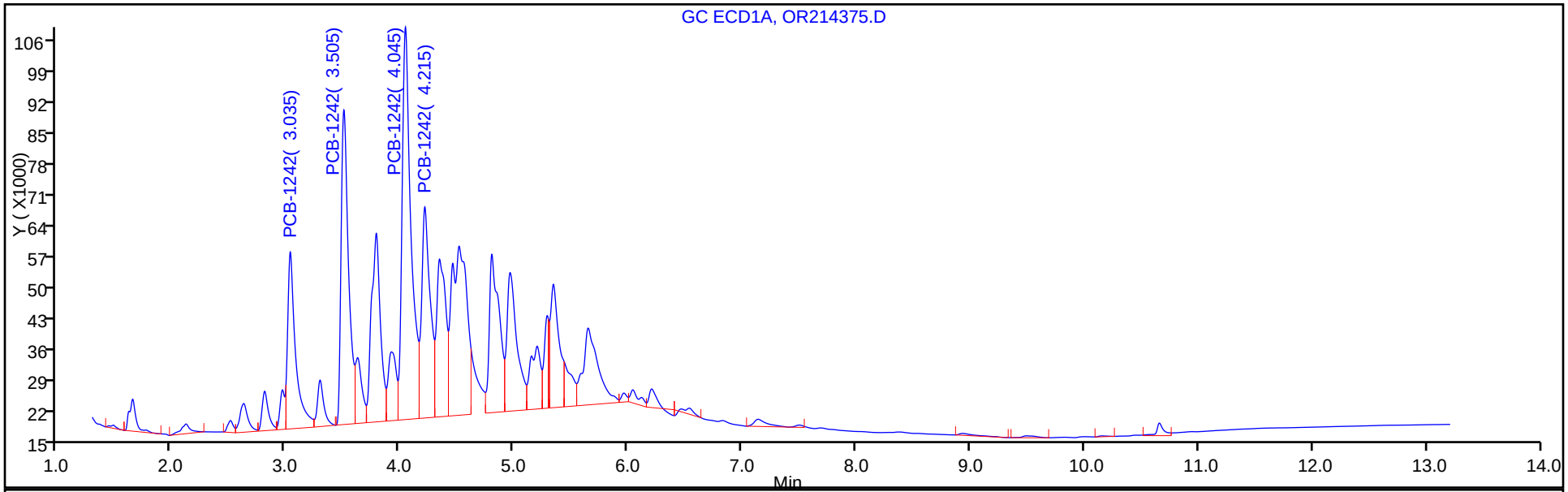
Review Flags
M - Manually Integrated

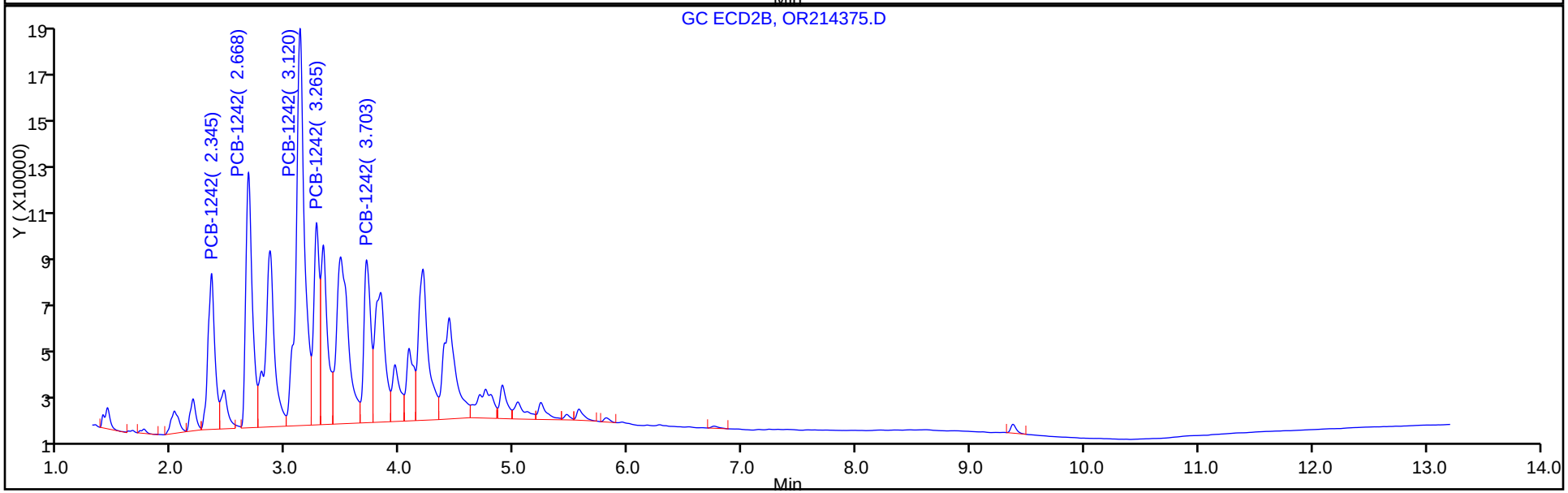
Report Date: 12-Mar-2014 11:26:43 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214375.D

Injection Date:	11-Mar-2014 18:42:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-19-A	Lab Sample ID:	460-72174-19	Worklist Smp#:	40
Client ID:	PMP-24SW-VS				
Injection Vol:	1.0 ul	Dil. Factor:	50.0000	ALS Bottle#:	40
Method:	8082GC7	Limit Group:	GC 8082 PCB		





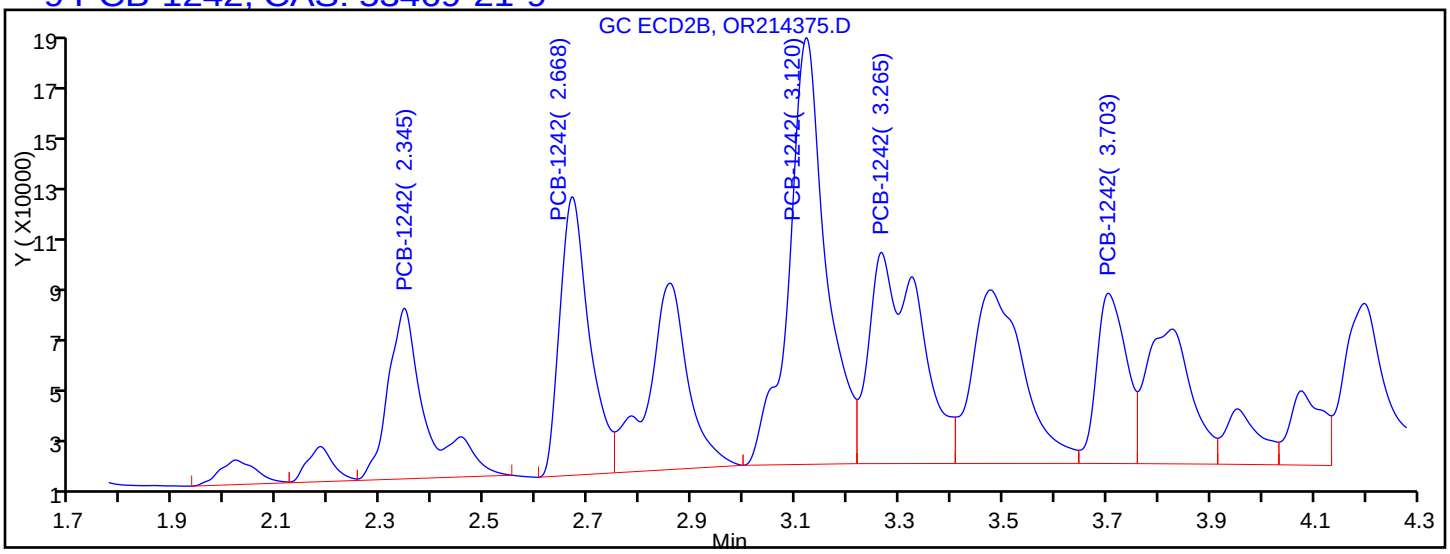
Report Date: 12-Mar-2014 11:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214375.D

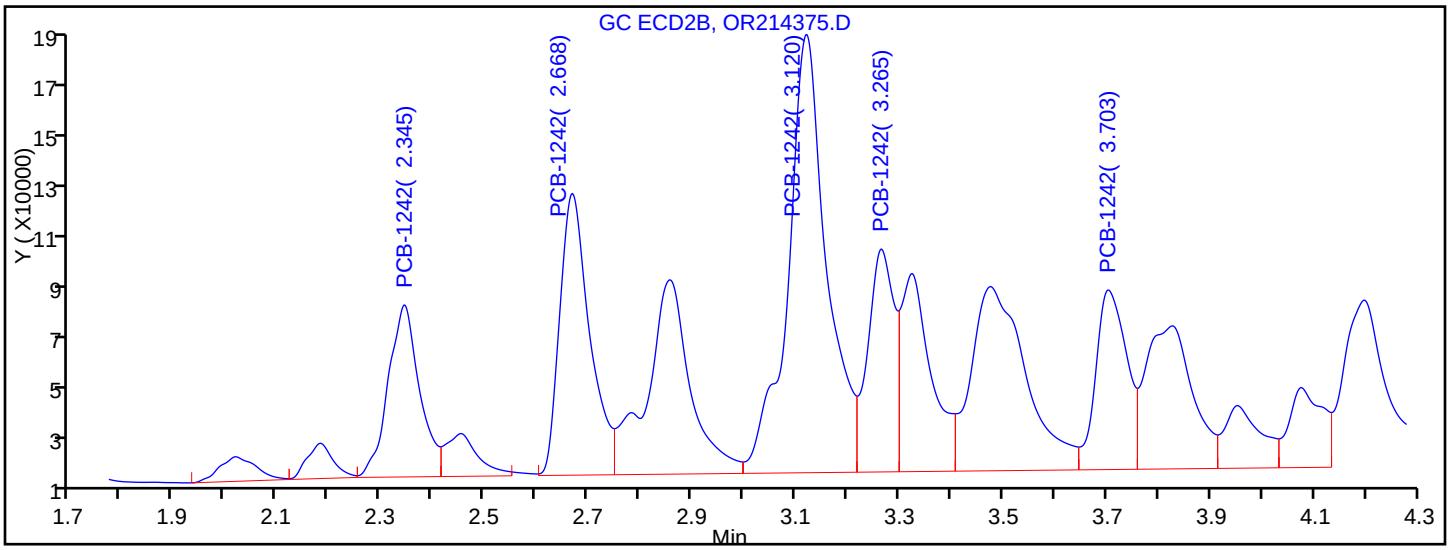
Injection Date:	11-Mar-2014 18:42:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-19-A	Lab Sample ID:	460-72174-19		
Client ID:	PMP-24SW-VS				
Operator ID:		ALS Bottle#:	40	Worklist Smp#:	40
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.345	Response = 323206	M
RT = 2.668	Response = 409926	M
RT = 3.120	Response = 790061	M
RT = 3.265	Response = 539953	M
RT = 3.703	Response = 254093	M



Manual Integration Results

RT = 2.345	Response = 268994	M
RT = 2.668	Response = 420970	M
RT = 3.120	Response = 846900	M
RT = 3.265	Response = 294826	M
RT = 3.703	Response = 277679	M

Reviewer: patelji, 12-Mar-2014 11:14:40

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-VD Lab Sample ID: 460-72174-20

Matrix: Solid Lab File ID: OR214376.D

Analysis Method: 8082 Date Collected: 03/06/2014 12:30

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.01(g) Date Analyzed: 03/11/2014 18:59

Con. Extract Vol.: 10(mL) Dilution Factor: 1000

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212118 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214376.D
Lims ID: 460-72174-F-20-A Lab Sample ID: 460-72174-20
Client ID: PMP-24SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 18:59:30 ALS Bottle#: 41 Worklist Smp#: 41
Injection Vol: 1.0 ul Dil. Factor: 1000.0000
Sample Info: 460-0010709-041
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 12-Mar-2014 11:26:30 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 11:15:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.038	3.042	-0.004	64022	448.4	M
1	3.507	3.513	-0.006	120184	457.9	M
1	4.048	4.055	-0.007	167461	369.0	M
1	4.217	4.225	-0.008	91070	413.8	M
1	0.0	5.355	-5.355	0	0	
		Average of Peak Amounts =			422.2	
2	2.343	2.345	-0.002	92362	457.8	M
2	2.667	2.672	-0.005	162487	514.4	M
2	3.120	3.127	-0.007	305790	464.2	M
2	3.265	3.272	-0.007	106453	462.1	M
2	3.703	3.712	-0.009	111906	422.0	M
		Average of Peak Amounts =			464.1	
				RPD =	9.44	

QC Flag Legend

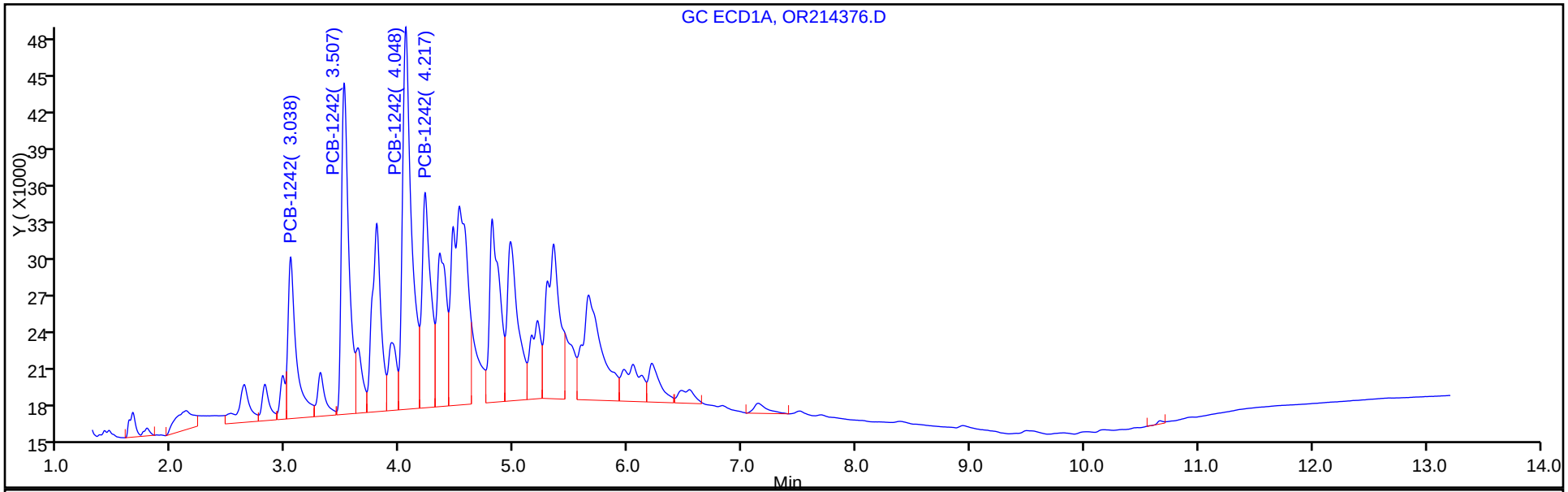
Review Flags
M - Manually Integrated

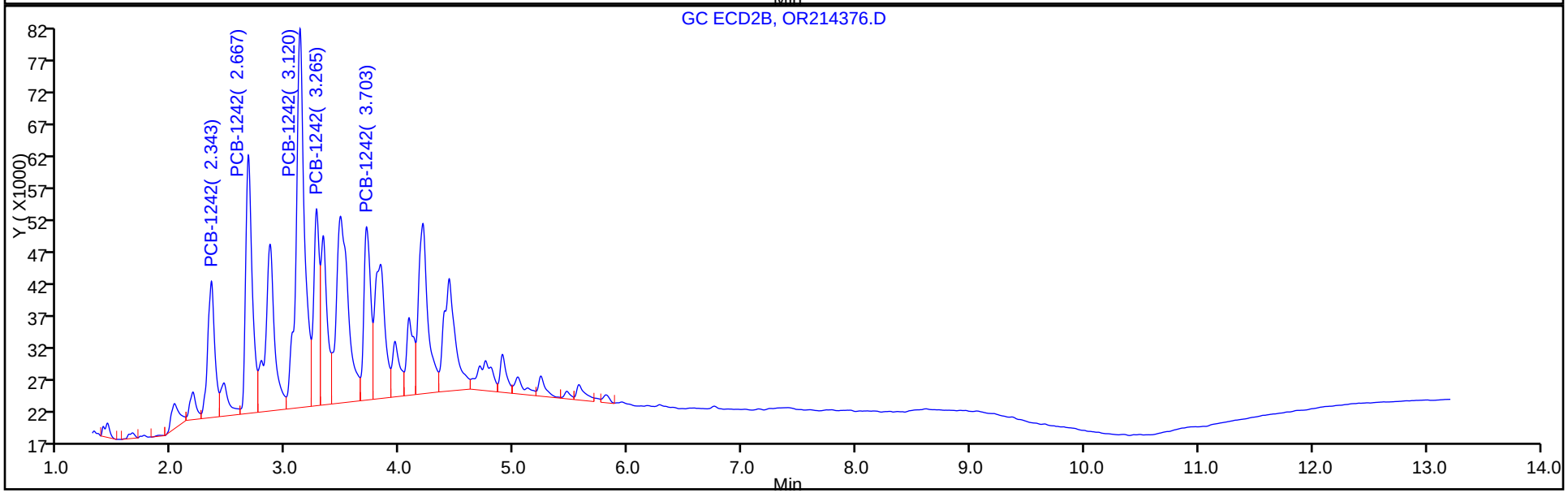
Report Date: 12-Mar-2014 11:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214376.D

Injection Date:	11-Mar-2014 18:59:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-20-A	Lab Sample ID:	460-72174-20	Worklist Smp#:	41
Client ID:	PMP-24SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	1000.0000	ALS Bottle#:	41
Method:	8082GC7	Limit Group:	GC 8082 PCB		





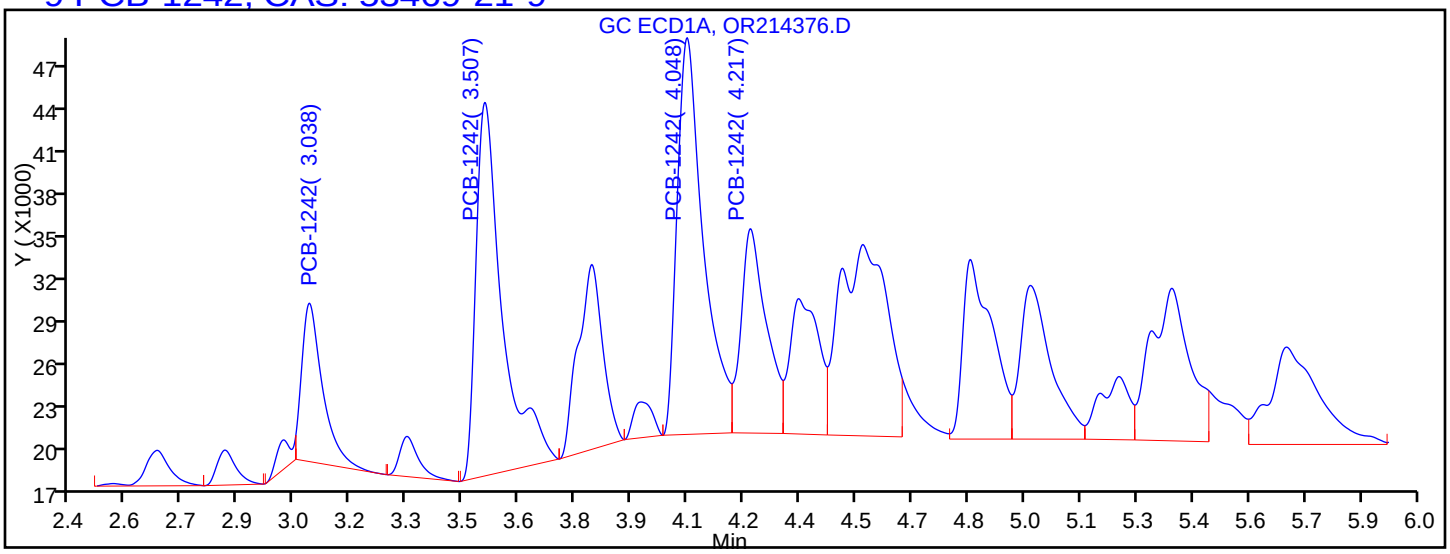
Report Date: 12-Mar-2014 11:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214376.D

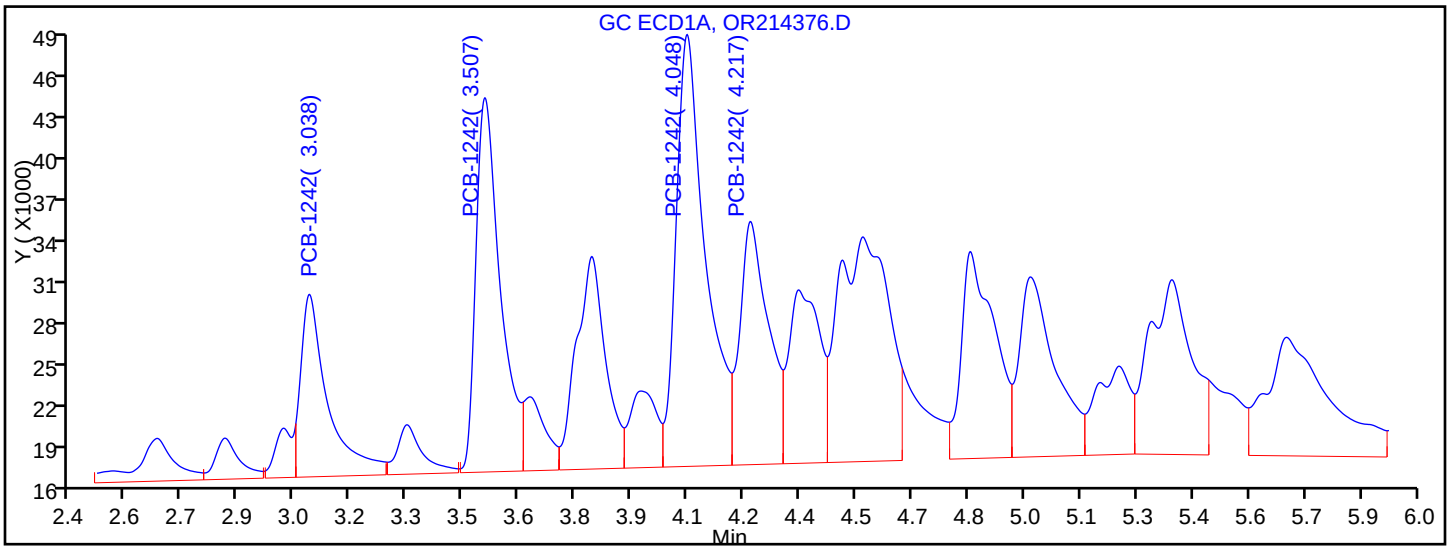
Injection Date:	11-Mar-2014 18:59:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-20-A	Lab Sample ID:	460-72174-20		
Client ID:	PMP-24SW-VD				
Operator ID:		ALS Bottle#:	41	Worklist Smp#:	41
Injection Vol:	1.0 ul	Dil. Factor:	1000.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD1A		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.038	Response = 42352	M
RT = 3.507	Response = 125645	M
RT = 4.048	Response = 133473	M
RT = 4.217	Response = 66413	M
RT = 5.323	Response = 75869	



Manual Integration Results

RT = 3.038	Response = 64022	M
RT = 3.507	Response = 120184	M
RT = 4.048	Response = 167461	M
RT = 4.217	Response = 91070	M
RT = 0.000	Response = 0	

Reviewer: patelji, 12-Mar-2014 11:15:42

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-VD | Lab Sample ID: 460-72174-20

Matrix: Solid | Lab File ID: OR214376.D

Analysis Method: 8082 | Date Collected: 03/06/2014 12:30

Extraction Method: 3546 | Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.01(g) | Date Analyzed: 03/11/2014 18:59

Con. Extract Vol.: 10(mL) | Dilution Factor: 1000

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212118 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17000	U	76000	17000
11104-28-2	Aroclor 1221	17000	U	76000	17000
11141-16-5	Aroclor 1232	17000	U	76000	17000
53469-21-9	Aroclor 1242	350000		76000	17000
12672-29-6	Aroclor 1248	17000	U	76000	17000
11097-69-1	Aroclor 1254	22000	U	76000	22000
11096-82-5	Aroclor 1260	22000	U	76000	22000
37324-23-5	Aroclor 1262	22000	U	76000	22000
11100-14-4	Aroclor 1268	22000	U	76000	22000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214376.D
Lims ID: 460-72174-F-20-A Lab Sample ID: 460-72174-20
Client ID: PMP-24SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 18:59:30 ALS Bottle#: 41 Worklist Smp#: 41
Injection Vol: 1.0 ul Dil. Factor: 1000.0000
Sample Info: 460-0010709-041
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 12-Mar-2014 11:26:30 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 11:15:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.038	3.042	-0.004	64022	448.4	M
1	3.507	3.513	-0.006	120184	457.9	M
1	4.048	4.055	-0.007	167461	369.0	M
1	4.217	4.225	-0.008	91070	413.8	M
1	0.0	5.355	-5.355	0	0	
		Average of Peak Amounts =			422.2	
2	2.343	2.345	-0.002	92362	457.8	M
2	2.667	2.672	-0.005	162487	514.4	M
2	3.120	3.127	-0.007	305790	464.2	M
2	3.265	3.272	-0.007	106453	462.1	M
2	3.703	3.712	-0.009	111906	422.0	M
		Average of Peak Amounts =			464.1	
				RPD =	9.44	

QC Flag Legend

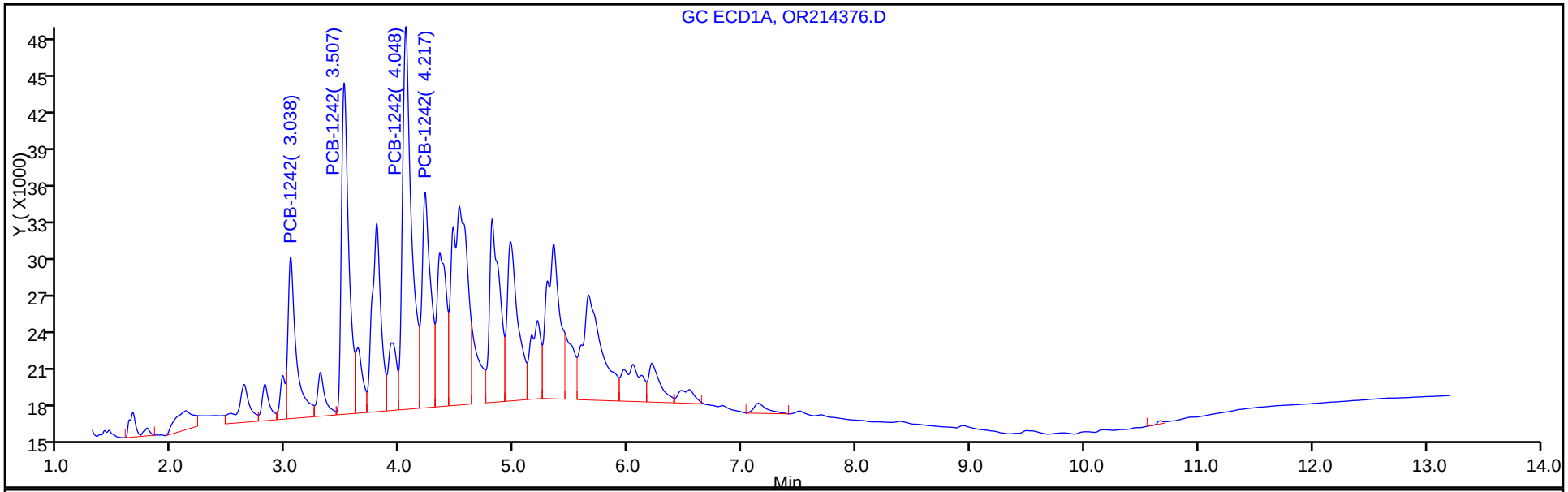
Review Flags
M - Manually Integrated

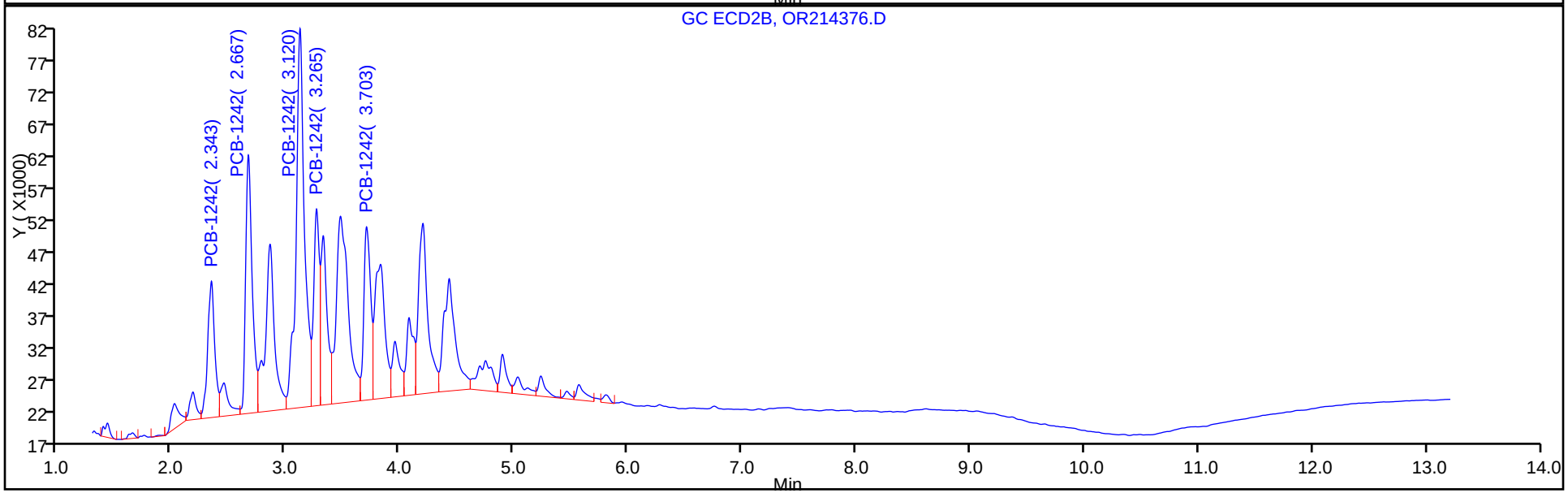
Report Date: 12-Mar-2014 11:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214376.D

Injection Date:	11-Mar-2014 18:59:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	460-72174-F-20-A	Lab Sample ID:	460-72174-20	Worklist Smp#:	41
Client ID:	PMP-24SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	1000.0000	ALS Bottle#:	41
Method:	8082GC7	Limit Group:	GC 8082 PCB		





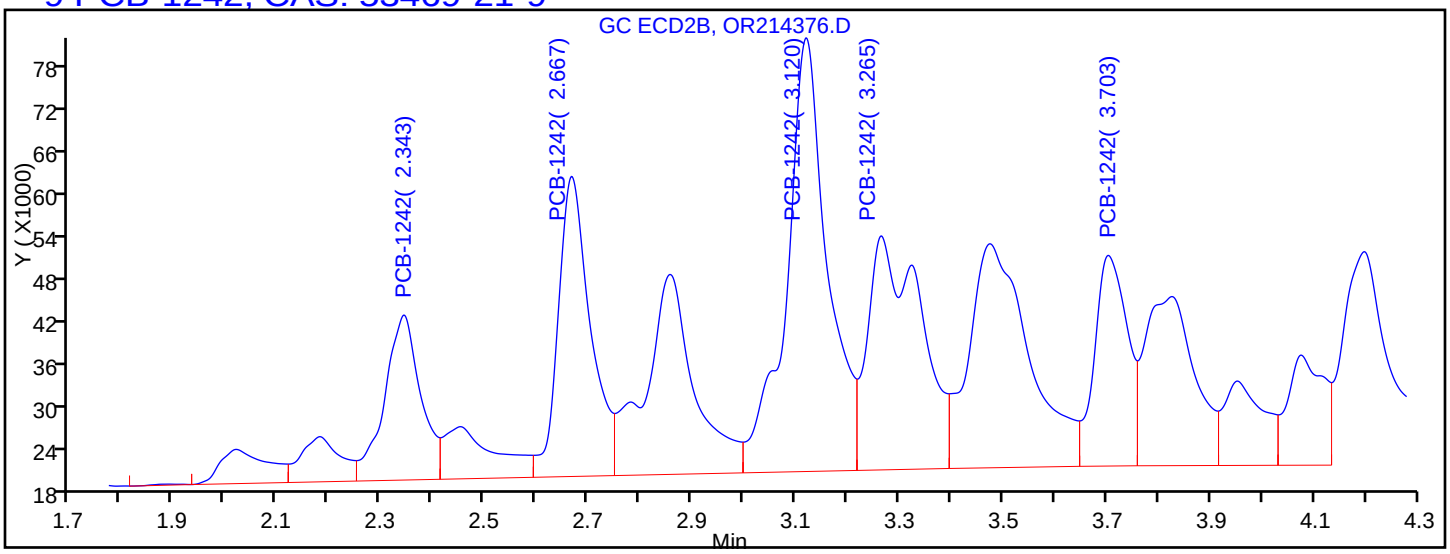
Report Date: 12-Mar-2014 11:26:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140311-10709.b\OR214376.D

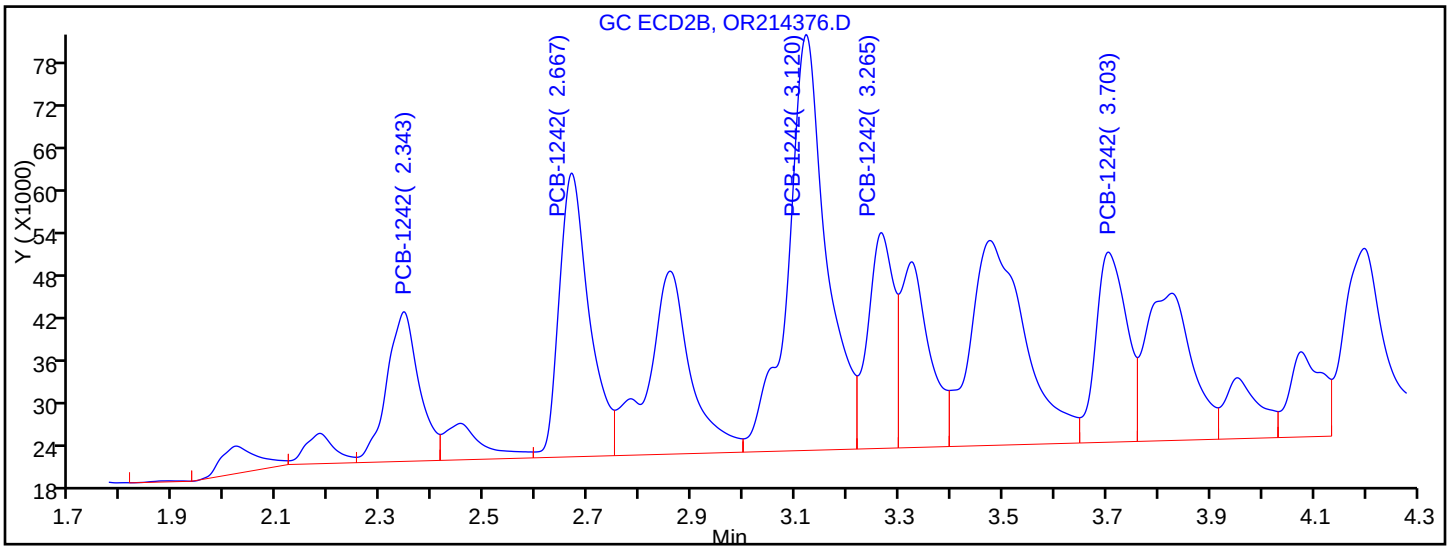
Injection Date:	11-Mar-2014 18:59:30	Instrument ID:	CPESTGC7		
Lims ID:	460-72174-F-20-A	Lab Sample ID:	460-72174-20		
Client ID:	PMP-24SW-VD				
Operator ID:		ALS Bottle#:	41	Worklist Smp#:	41
Injection Vol:	1.0 ul	Dil. Factor:	1000.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.343	Response = 113363	M
RT = 2.667	Response = 184234	M
RT = 3.120	Response = 338842	M
RT = 3.265	Response = 235782	M
RT = 3.703	Response = 131333	M



Manual Integration Results

RT = 2.343	Response = 92362	M
RT = 2.667	Response = 162487	M
RT = 3.120	Response = 305790	M
RT = 3.265	Response = 106453	M
RT = 3.703	Response = 111906	M

Reviewer: patelji, 12-Mar-2014 11:15:42

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SD Lab Sample ID: 460-72174-21

Matrix: Solid Lab File ID: T004410.D

Analysis Method: 8082 Date Collected: 03/06/2014 15:30

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.02(g) Date Analyzed: 03/10/2014 20:55

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 18.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211705 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004410.D
Lims ID: 460-72174-F-21-C Lab Sample ID: 460-72174-21
Client ID: PMP-10SW-SD
Sample Type: Client
Inject. Date: 10-Mar-2014 20:55:10 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-025
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:53:23 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: boykinc Date: 11-Mar-2014 02:46:33

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.329	2.328	0.001	22577098	53.4	
2	1.610	1.610	0.0	87778740	48.2	
					RPD = 10.14	
9 PCB-1242						
1	3.061	3.065	-0.004	1097960	163.1	
1	3.789	3.792	-0.003	1895344	142.3	
1	4.624	4.627	-0.003	4918556	190.7	
1	4.871	4.876	-0.005	1508190	145.3	
1	6.419	6.424	-0.005	1279849	135.5	
		Average of Peak Amounts =			155.4	
2	2.036	2.035	0.001	5573203	203.1	
2	2.469	2.472	-0.003	7829257	151.4	
2	3.063	3.065	-0.002	23582065	219.7	
2	3.253	3.257	-0.004	7157321	165.8	
2	3.952	3.954	-0.002	6352336	147.5	
		Average of Peak Amounts =			177.5	
					RPD = 13.30	

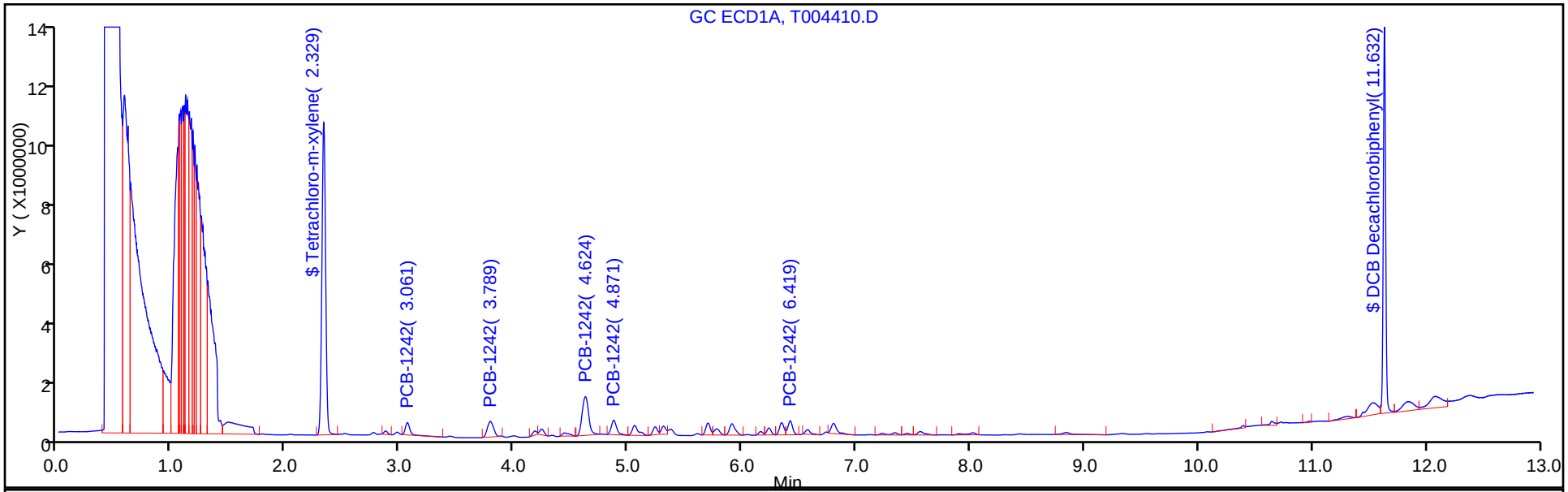
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	11.632	11.636	-0.004	17658389	54.9	
2	10.554	10.555	-0.001	67649070	55.5	
					RPD = 1.07	
S 7 Polychlorinated biphenyls, Total						
1					155.4	

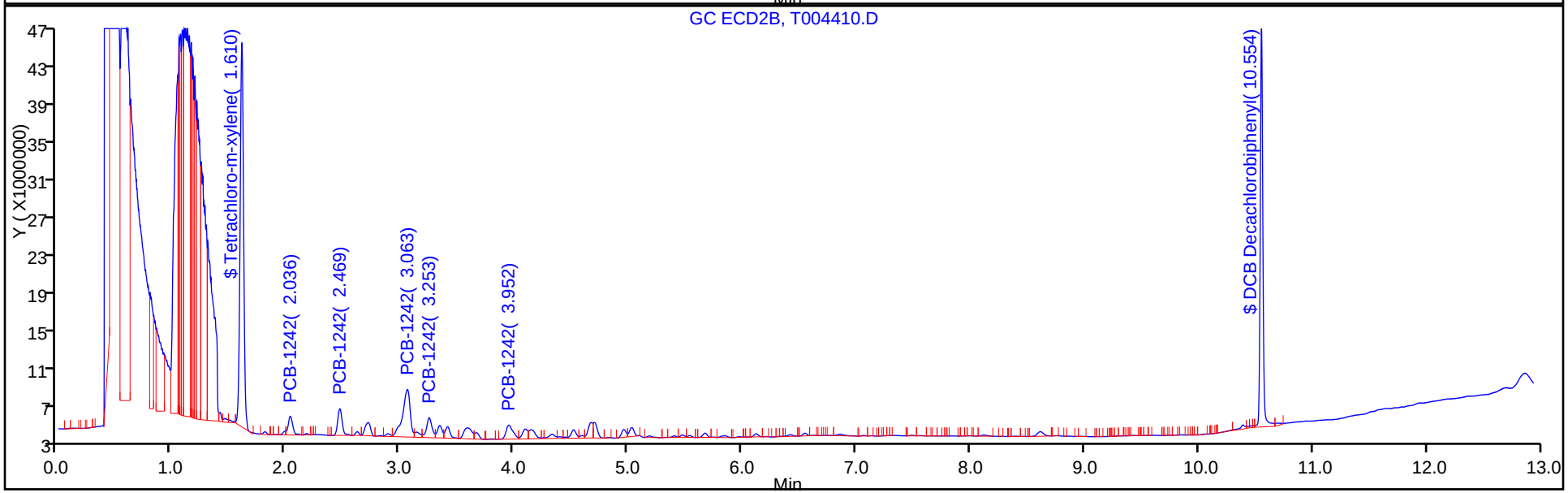
Report Date: 11-Mar-2014 10:53:43 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004410.D

Injection Date:	10-Mar-2014 20:55:10	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-21-C	Lab Sample ID:	460-72174-21	Worklist Smp#:	25
Client ID:	PMP-10SW-SD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8082GC11	Limit Group:	GC 8082 PCB		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SD Lab Sample ID: 460-72174-21

Matrix: Solid Lab File ID: T004410.D

Analysis Method: 8082 Date Collected: 03/06/2014 15:30

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.02(g) Date Analyzed: 03/10/2014 20:55

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 18.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211705 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	18	U	82	18
11104-28-2	Aroclor 1221	18	U	82	18
11141-16-5	Aroclor 1232	18	U	82	18
53469-21-9	Aroclor 1242	150		82	18
12672-29-6	Aroclor 1248	18	U	82	18
11097-69-1	Aroclor 1254	23	U	82	23
11096-82-5	Aroclor 1260	23	U	82	23
37324-23-5	Aroclor 1262	23	U	82	23
11100-14-4	Aroclor 1268	23	U	82	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004410.D
Lims ID: 460-72174-F-21-C Lab Sample ID: 460-72174-21
Client ID: PMP-10SW-SD
Sample Type: Client
Inject. Date: 10-Mar-2014 20:55:10 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-025
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:53:23 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: boykinc Date: 11-Mar-2014 02:46:33

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.329	2.328	0.001	22577098	53.4	
2	1.610	1.610	0.0	87778740	48.2	
					RPD = 10.14	
9 PCB-1242						
1	3.061	3.065	-0.004	1097960	163.1	
1	3.789	3.792	-0.003	1895344	142.3	
1	4.624	4.627	-0.003	4918556	190.7	
1	4.871	4.876	-0.005	1508190	145.3	
1	6.419	6.424	-0.005	1279849	135.5	
		Average of Peak Amounts =			155.4	
2	2.036	2.035	0.001	5573203	203.1	
2	2.469	2.472	-0.003	7829257	151.4	
2	3.063	3.065	-0.002	23582065	219.7	
2	3.253	3.257	-0.004	7157321	165.8	
2	3.952	3.954	-0.002	6352336	147.5	
		Average of Peak Amounts =			177.5	
					RPD = 13.30	

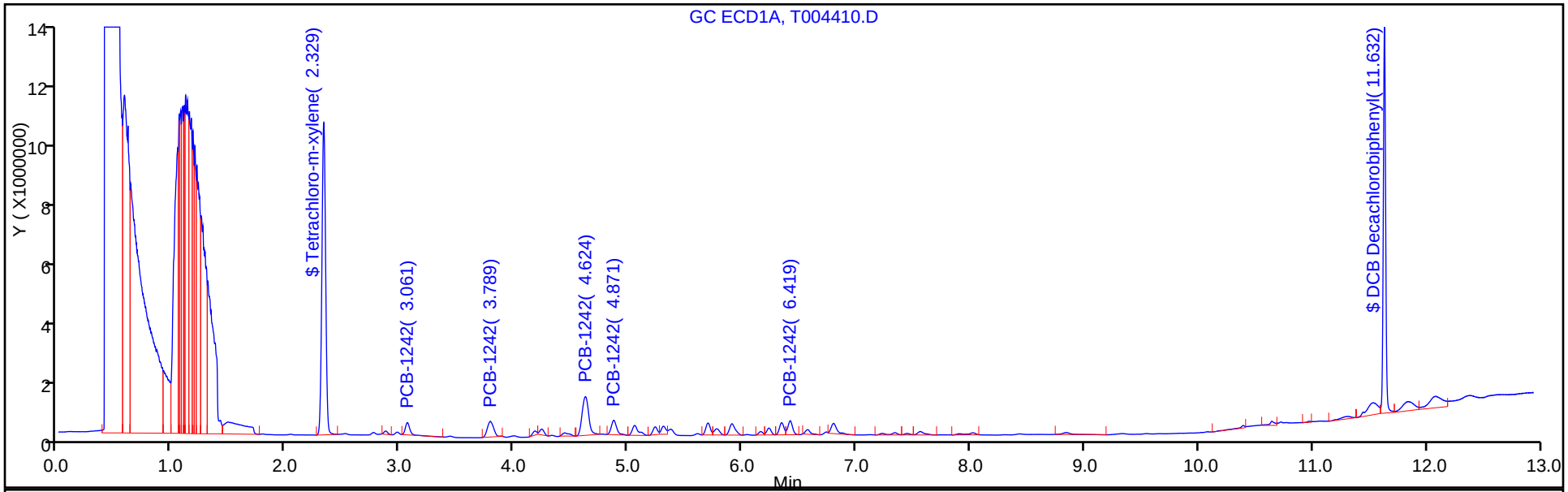
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	11.632	11.636	-0.004	17658389	54.9	
2	10.554	10.555	-0.001	67649070	55.5	
					RPD = 1.07	
S 7 Polychlorinated biphenyls, Total						
1					155.4	

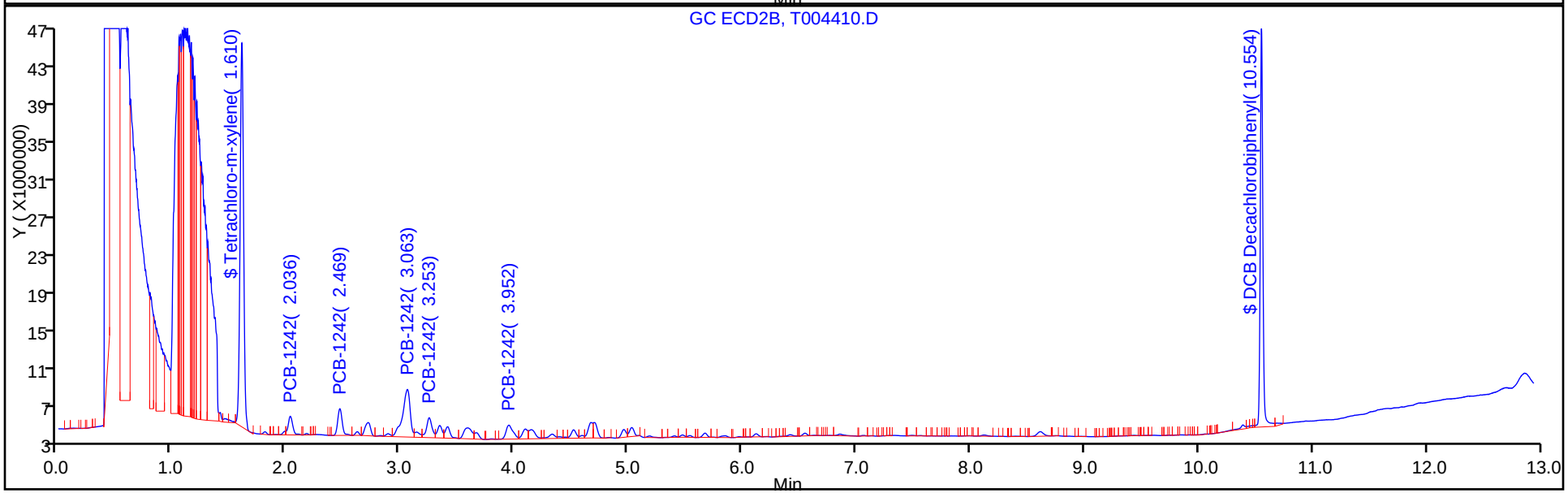
Report Date: 11-Mar-2014 10:53:43 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004410.D

Injection Date:	10-Mar-2014 20:55:10	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-21-C	Lab Sample ID:	460-72174-21	Worklist Smp#:	25
Client ID:	PMP-10SW-SD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8082GC11	Limit Group:	GC 8082 PCB		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-WT Lab Sample ID: 460-72174-22

Matrix: Solid Lab File ID: T004451.D

Analysis Method: 8082 Date Collected: 03/06/2014 16:15

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.03(g) Date Analyzed: 03/11/2014 10:59

Con. Extract Vol.: 10(mL) Dilution Factor: 100

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211839 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	150000		7700	1700

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X*	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004451.D
Lims ID: 460-72174-F-22-A Lab Sample ID: 460-72174-22
Client ID: PMP-13SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 10:59:32 ALS Bottle#: 66 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 100.0000
Sample Info: 460-0010710-011
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 14:11:29 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:28:57

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.064	3.065	-0.001	11542515	1714.4	
1	3.791	3.792	-0.001	26032910	1954.2	M
1	4.626	4.627	-0.001	54221657	2102.6	
1	4.876	4.876	0.0	20791767	2003.3	M
1	6.424	6.424	0.0	19362919	2049.2	
		Average of Peak Amounts =			1964.7	
2	2.035	2.035	0.0	50031361	1822.9	M
2	2.472	2.472	0.0	96974068	1875.6	M
2	3.065	3.065	0.0	201536342	1877.6	M
2	3.256	3.257	-0.001	83705613	1939.3	M
2	3.955	3.954	0.001	79886552	1855.0	M
		Average of Peak Amounts =			1874.1	
				RPD =	4.72	

QC Flag Legend

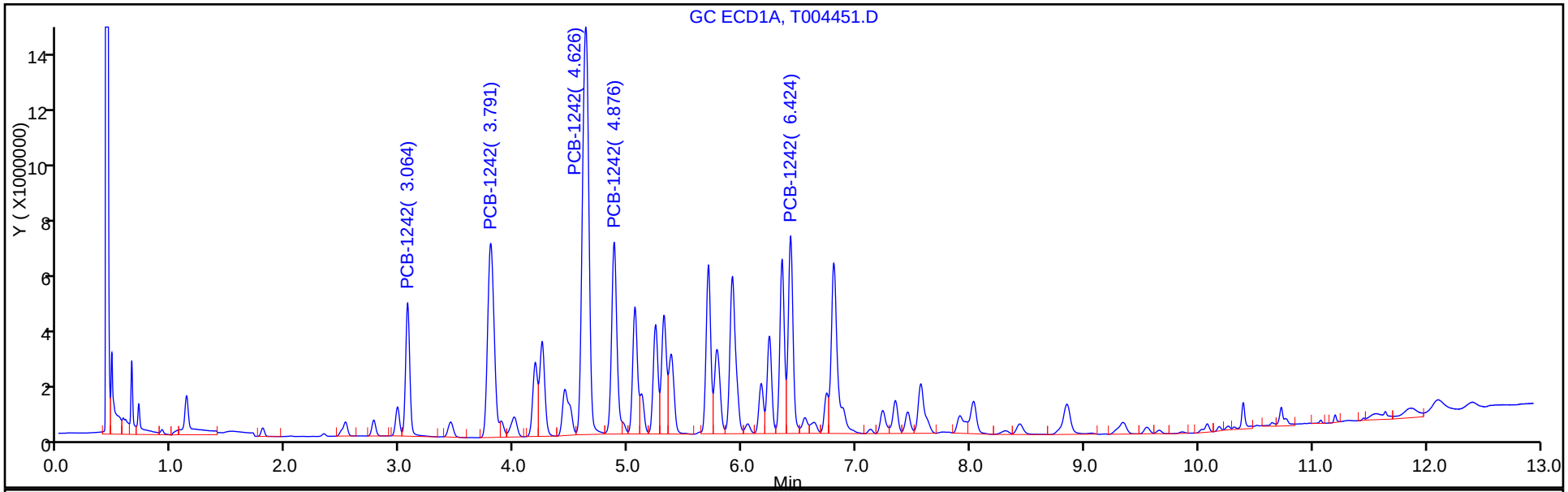
Review Flags
M - Manually Integrated

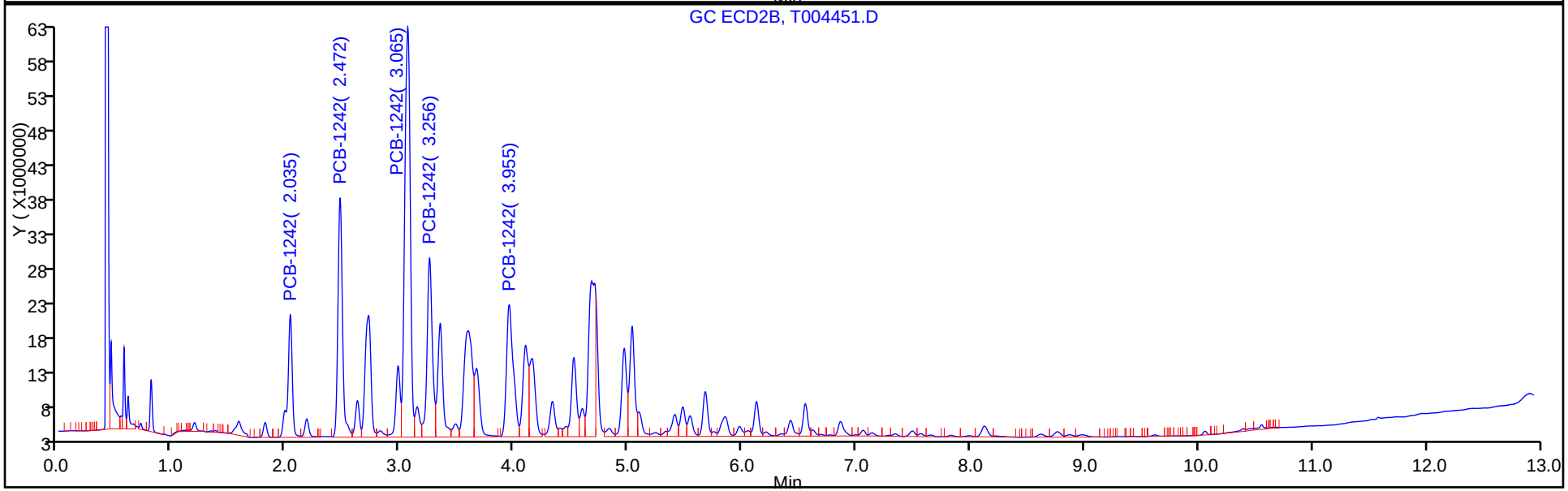
Report Date: 11-Mar-2014 14:12:02 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004451.D

Injection Date:	11-Mar-2014 10:59:32	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-22-A	Lab Sample ID:	460-72174-22	Worklist Smp#:	11
Client ID:	PMP-13SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	100.0000	ALS Bottle#:	66
Method:	8082GC11	Limit Group:	GC 8082 PCB		





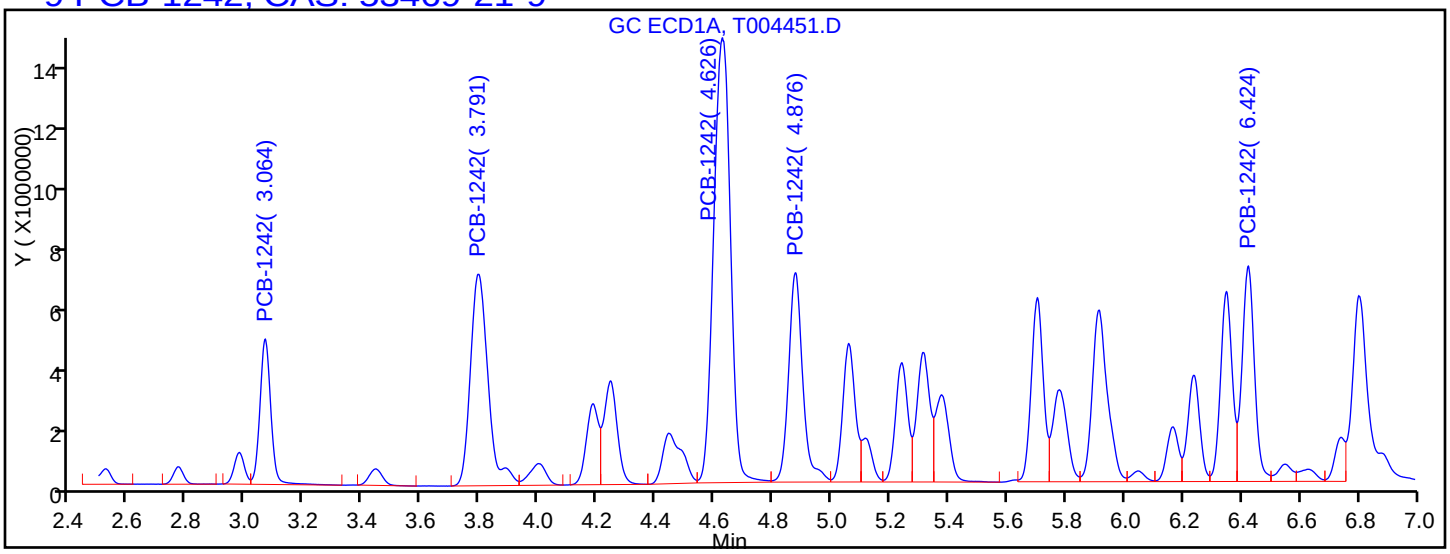
Report Date: 11-Mar-2014 14:12:02 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004451.D

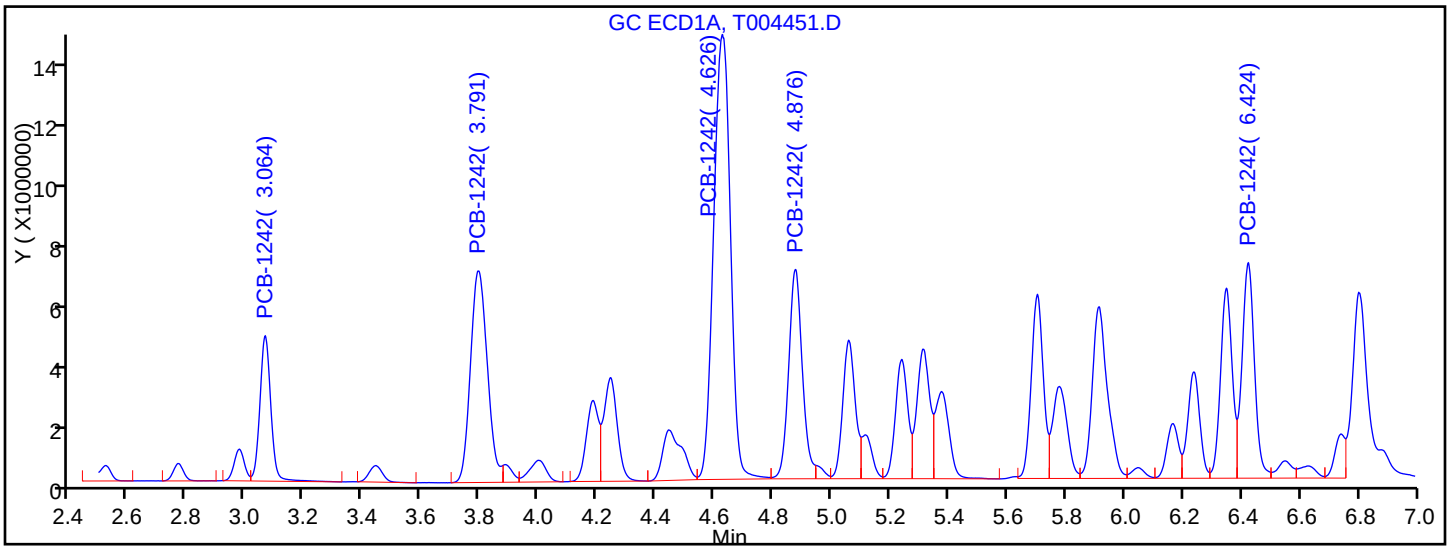
Injection Date:	11-Mar-2014 10:59:32	Instrument ID:	CPESTGC11		
Lims ID:	460-72174-F-22-A	Lab Sample ID:	460-72174-22		
Client ID:	PMP-13SW-WT				
Operator ID:		ALS Bottle#:	66	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	100.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD1A		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.064	Response = 11542515	
RT = 3.791	Response = 27201564	M
RT = 4.626	Response = 54221657	
RT = 4.876	Response = 21554985	M
RT = 6.424	Response = 19362919	



Manual Integration Results

RT = 3.064	Response = 11542515	
RT = 3.791	Response = 26032910	M
RT = 4.626	Response = 54221657	
RT = 4.876	Response = 20791767	M
RT = 6.424	Response = 19362919	

Reviewer: patelji, 11-Mar-2014 12:31:42

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-WT Lab Sample ID: 460-72174-22

Matrix: Solid Lab File ID: T004451.D

Analysis Method: 8082 Date Collected: 03/06/2014 16:15

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.03(g) Date Analyzed: 03/11/2014 10:59

Con. Extract Vol.: 10(mL) Dilution Factor: 100

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211839 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	1700	U	7700	1700
11104-28-2	Aroclor 1221	1700	U	7700	1700
11141-16-5	Aroclor 1232	1700	U	7700	1700
12672-29-6	Aroclor 1248	1700	U	7700	1700
11097-69-1	Aroclor 1254	2200	U	7700	2200
11096-82-5	Aroclor 1260	2200	U	7700	2200
37324-23-5	Aroclor 1262	2200	U	7700	2200
11100-14-4	Aroclor 1268	2200	U	7700	2200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004451.D
Lims ID: 460-72174-F-22-A Lab Sample ID: 460-72174-22
Client ID: PMP-13SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 10:59:32 ALS Bottle#: 66 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 100.0000
Sample Info: 460-0010710-011
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 14:11:29 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:28:57

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.064	3.065	-0.001	11542515	1714.4	
1	3.791	3.792	-0.001	26032910	1954.2	M
1	4.626	4.627	-0.001	54221657	2102.6	
1	4.876	4.876	0.0	20791767	2003.3	M
1	6.424	6.424	0.0	19362919	2049.2	
		Average of Peak Amounts =			1964.7	
2	2.035	2.035	0.0	50031361	1822.9	M
2	2.472	2.472	0.0	96974068	1875.6	M
2	3.065	3.065	0.0	201536342	1877.6	M
2	3.256	3.257	-0.001	83705613	1939.3	M
2	3.955	3.954	0.001	79886552	1855.0	M
		Average of Peak Amounts =			1874.1	
				RPD =	4.72	

QC Flag Legend

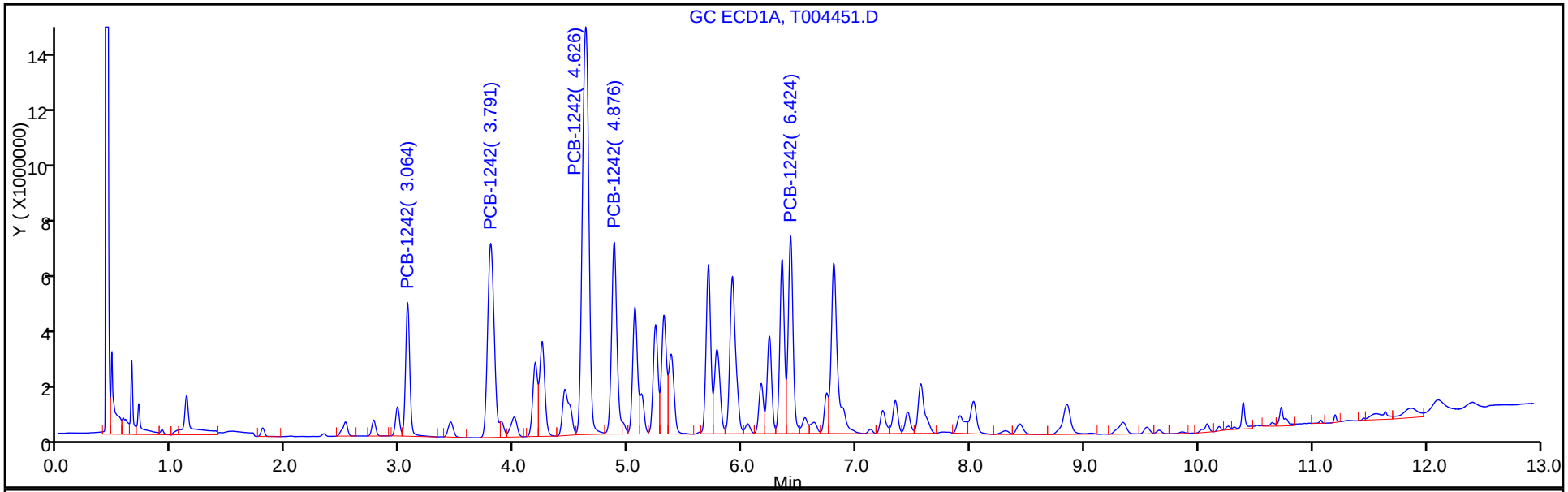
Review Flags
M - Manually Integrated

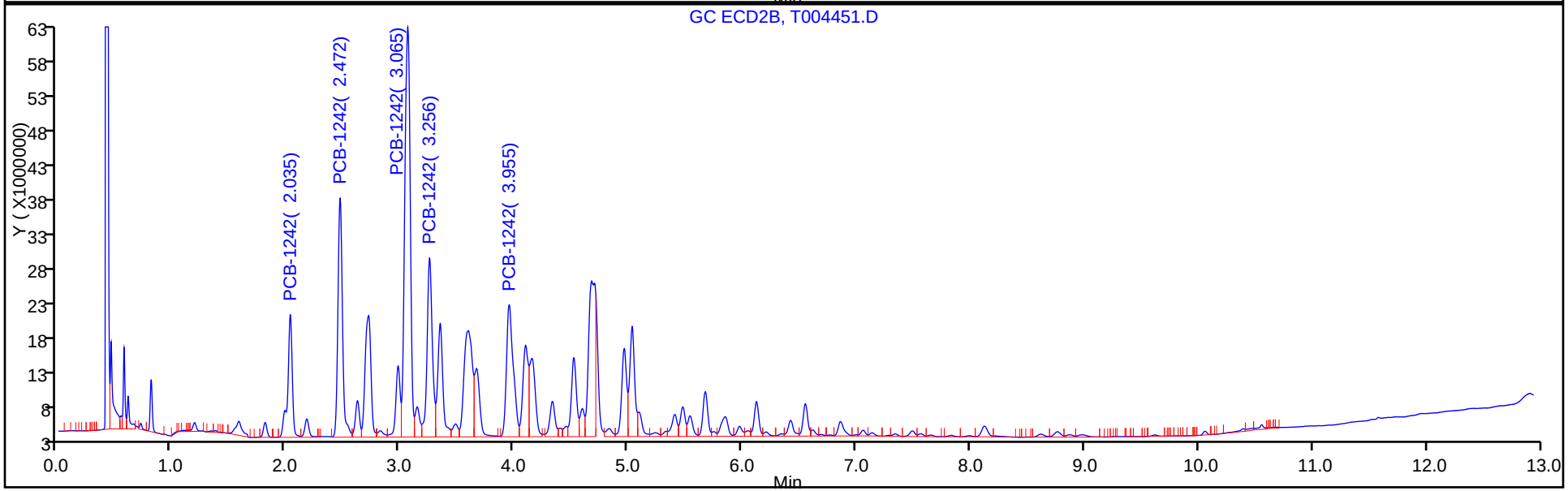
Report Date: 11-Mar-2014 14:12:03 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004451.D

Injection Date:	11-Mar-2014 10:59:32	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-22-A	Lab Sample ID:	460-72174-22	Worklist Smp#:	11
Client ID:	PMP-13SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	100.0000	ALS Bottle#:	66
Method:	8082GC11	Limit Group:	GC 8082 PCB		





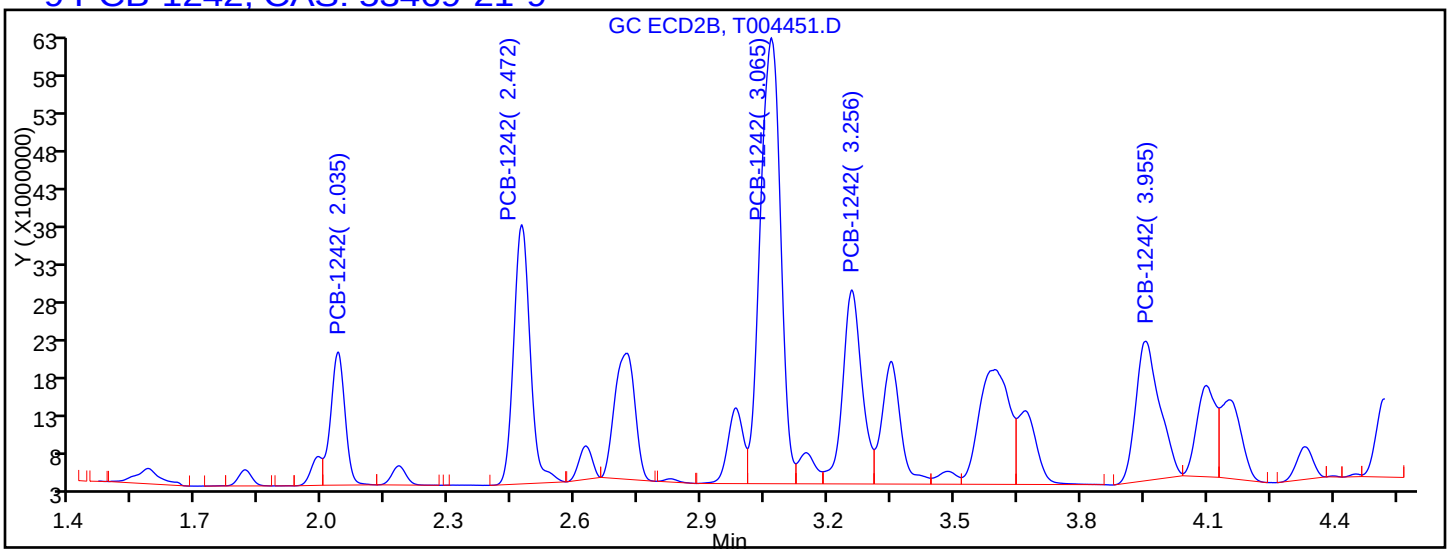
Report Date: 11-Mar-2014 14:12:03 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004451.D

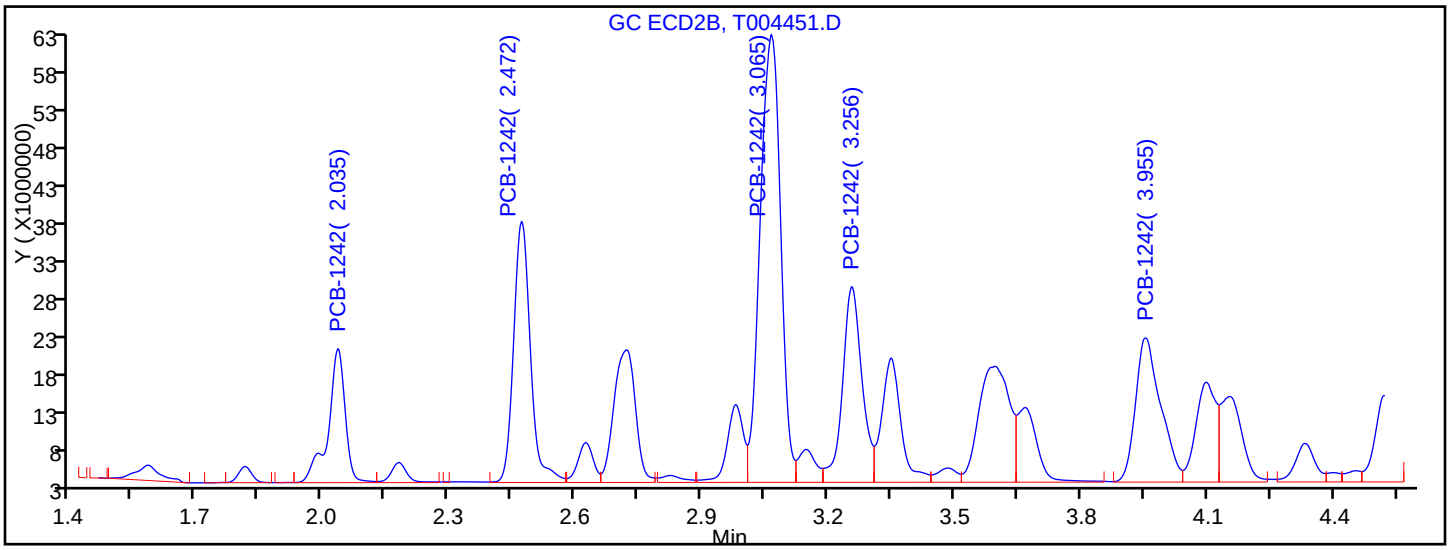
Injection Date:	11-Mar-2014 10:59:32	Instrument ID:	CPESTGC11		
Lims ID:	460-72174-F-22-A	Lab Sample ID:	460-72174-22		
Client ID:	PMP-13SW-WT				
Operator ID:		ALS Bottle#:	66	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	100.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.035	Response = 42021622	M
RT = 2.472	Response = 93818896	M
RT = 3.065	Response = 199759737	M
RT = 3.256	Response = 82090411	M
RT = 3.955	Response = 73342547	M



Manual Integration Results

RT = 2.035	Response = 50031361	M
RT = 2.472	Response = 96974068	M
RT = 3.065	Response = 201536342	M
RT = 3.256	Response = 83705613	M
RT = 3.955	Response = 79886552	M

Reviewer: patelji, 11-Mar-2014 12:31:42

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-SI Lab Sample ID: 460-72174-23

Matrix: Solid Lab File ID: T004412.D

Analysis Method: 8082 Date Collected: 03/06/2014 16:20

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.00(g) Date Analyzed: 03/10/2014 21:33

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211705 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	230		75	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004412.D
Lims ID: 460-72174-F-23-A Lab Sample ID: 460-72174-23
Client ID: PMP-13SW-SI
Sample Type: Client
Inject. Date: 10-Mar-2014 21:33:03 ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-027
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:53:23 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: boykinc Date: 11-Mar-2014 02:47:37

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.064	3.065	-0.001	1830379	271.9	
1	3.793	3.792	0.001	3181880	238.9	M
1	4.628	4.627	0.001	11597186	449.7	M
1	4.876	4.876	0.0	3666086	353.2	M
1	6.422	6.424	-0.002	2210604	234.0	M
		Average of Peak Amounts =			309.5	
2	2.038	2.035	0.003	6382855	232.6	
2	2.471	2.472	-0.001	13118012	253.7	
2	3.064	3.065	-0.001	46585323	434.0	
2	3.256	3.257	-0.001	12313975	285.3	M
2	3.955	3.954	0.001	9129884	212.0	
		Average of Peak Amounts =			283.5	
					RPD = 8.77	
$ 5 DCB Decachlorobiphenyl						
1	11.634	11.636	-0.002	16186724	50.3	
2	10.556	10.555	0.001	61407221	50.4	
					RPD = 0.09	

QC Flag Legend

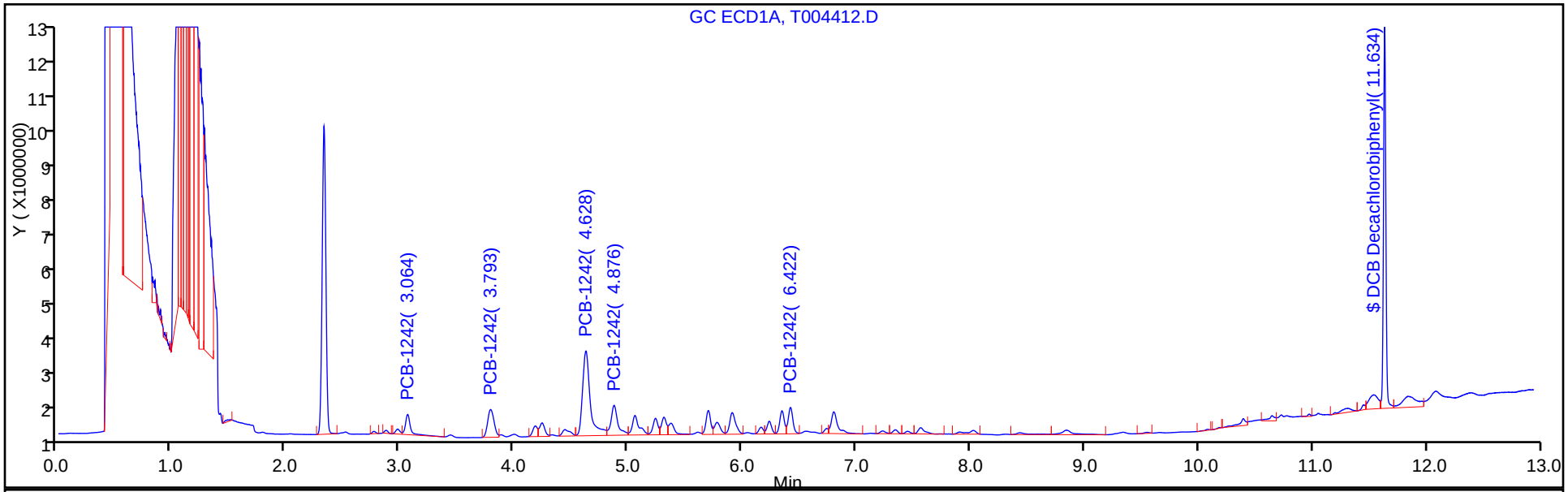
Review Flags
M - Manually Integrated

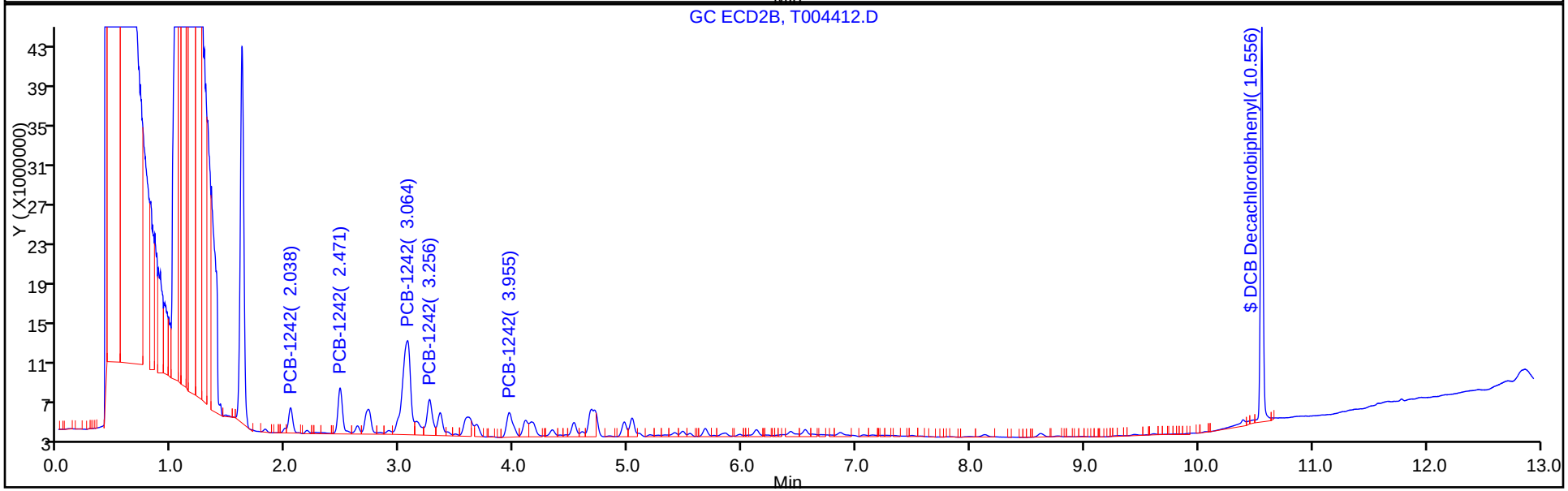
Report Date: 11-Mar-2014 10:53:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004412.D

Injection Date:	10-Mar-2014 21:33:03	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-23-A	Lab Sample ID:	460-72174-23	Worklist Smp#:	27
Client ID:	PMP-13SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8082GC11	Limit Group:	GC 8082 PCB		





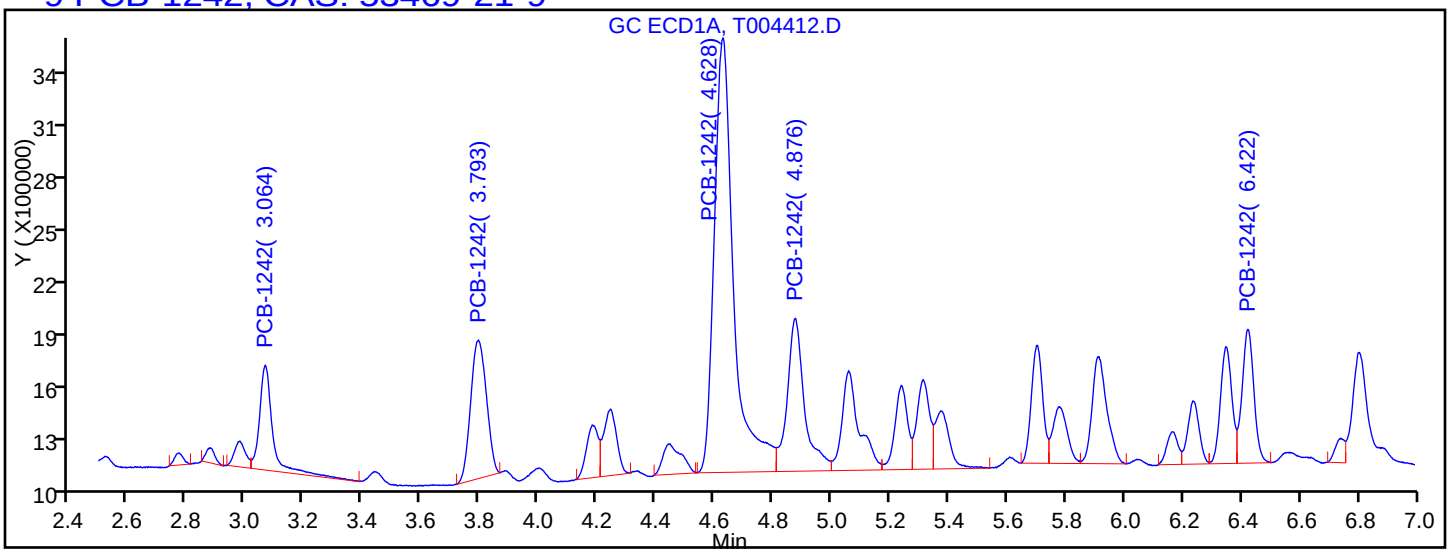
Report Date: 11-Mar-2014 10:53:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004412.D

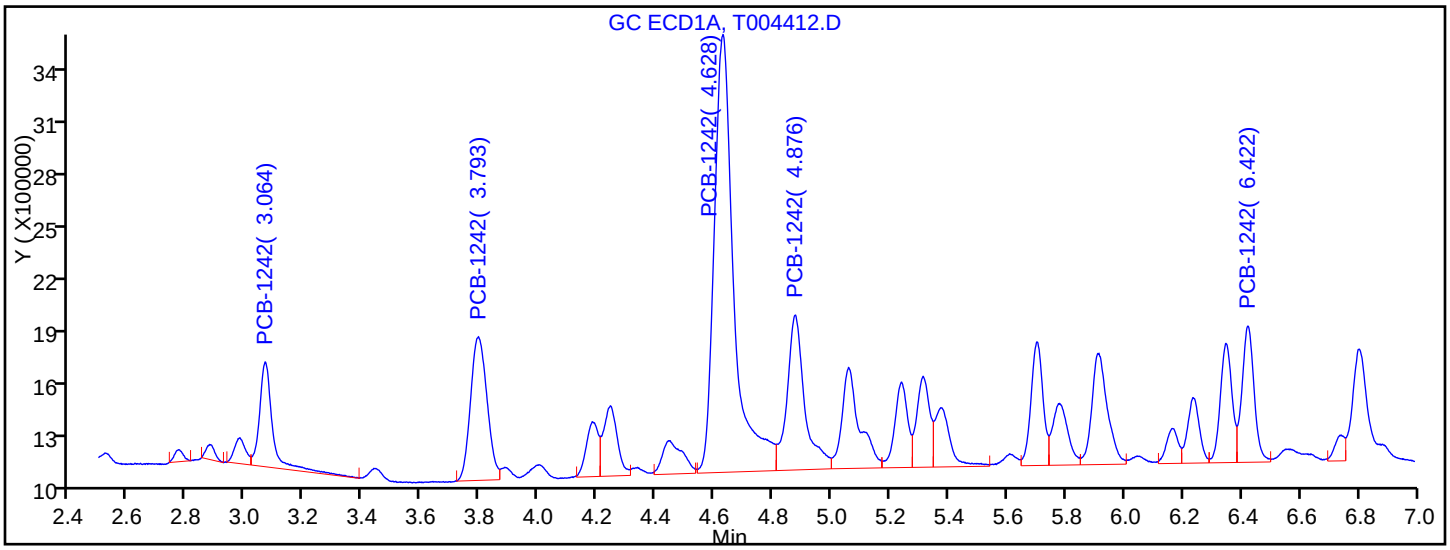
Injection Date:	10-Mar-2014 21:33:03	Instrument ID:	CPESTGC11		
Lims ID:	460-72174-F-23-A	Lab Sample ID:	460-72174-23		
Client ID:	PMP-13SW-SI				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD1A		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.064	Response = 1830379	
RT = 3.793	Response = 2930841	M
RT = 4.628	Response = 11322199	M
RT = 4.876	Response = 3546938	M
RT = 6.422	Response = 2115088	M



Manual Integration Results

RT = 3.064	Response = 1830379	
RT = 3.793	Response = 3181880	M
RT = 4.628	Response = 11597186	M
RT = 4.876	Response = 3666086	M
RT = 6.422	Response = 2210604	M

Reviewer: patelji, 11-Mar-2014 09:55:30

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-SI Lab Sample ID: 460-72174-23

Matrix: Solid Lab File ID: T004412.D

Analysis Method: 8082 Date Collected: 03/06/2014 16:20

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.00(g) Date Analyzed: 03/10/2014 21:33

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211705 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	75	17
11104-28-2	Aroclor 1221	17	U	75	17
11141-16-5	Aroclor 1232	17	U	75	17
12672-29-6	Aroclor 1248	17	U	75	17
11097-69-1	Aroclor 1254	21	U	75	21
11096-82-5	Aroclor 1260	21	U	75	21
37324-23-5	Aroclor 1262	21	U	75	21
11100-14-4	Aroclor 1268	21	U	75	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004412.D
Lims ID: 460-72174-F-23-A Lab Sample ID: 460-72174-23
Client ID: PMP-13SW-SI
Sample Type: Client
Inject. Date: 10-Mar-2014 21:33:03 ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-027
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:53:23 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: boykinc Date: 11-Mar-2014 02:47:37

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.064	3.065	-0.001	1830379	271.9	
1	3.793	3.792	0.001	3181880	238.9	M
1	4.628	4.627	0.001	11597186	449.7	M
1	4.876	4.876	0.0	3666086	353.2	M
1	6.422	6.424	-0.002	2210604	234.0	M
		Average of Peak Amounts =			309.5	
2	2.038	2.035	0.003	6382855	232.6	
2	2.471	2.472	-0.001	13118012	253.7	
2	3.064	3.065	-0.001	46585323	434.0	
2	3.256	3.257	-0.001	12313975	285.3	M
2	3.955	3.954	0.001	9129884	212.0	
		Average of Peak Amounts =			283.5	
					RPD = 8.77	
$ 5 DCB Decachlorobiphenyl						
1	11.634	11.636	-0.002	16186724	50.3	
2	10.556	10.555	0.001	61407221	50.4	
					RPD = 0.09	

QC Flag Legend

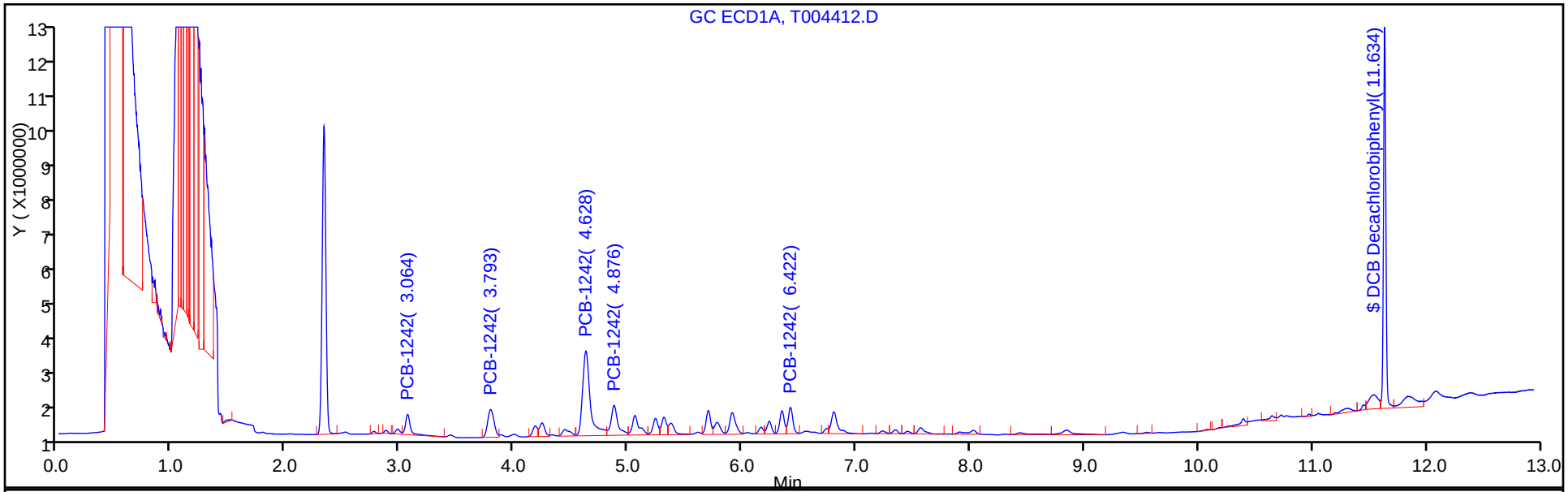
Review Flags
M - Manually Integrated

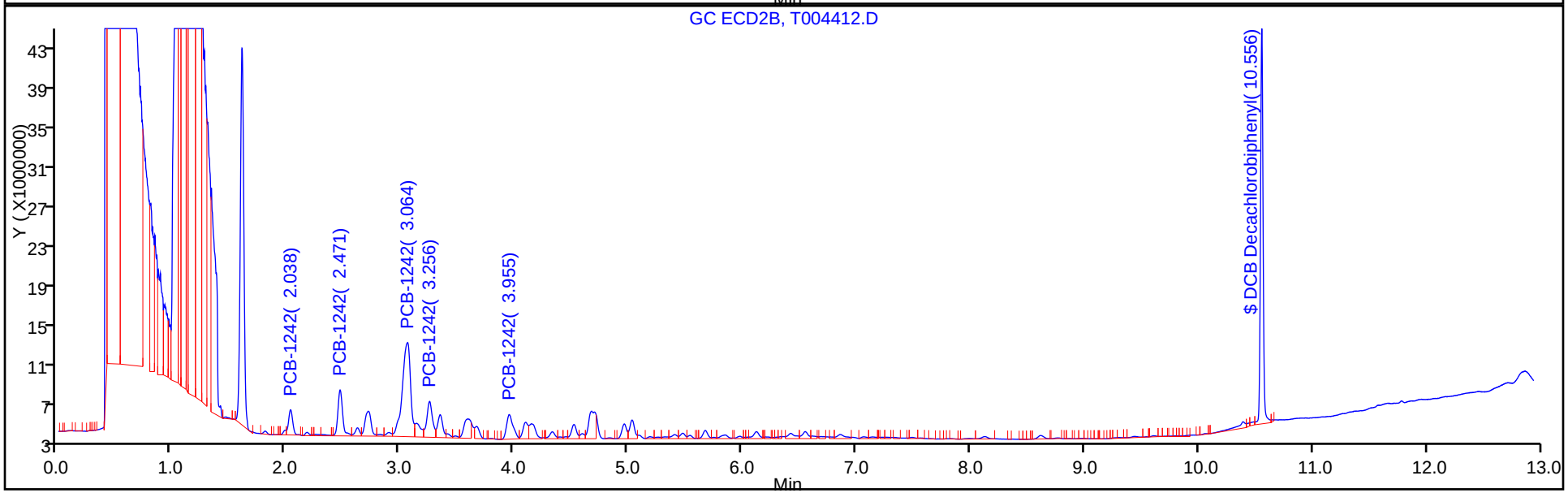
Report Date: 11-Mar-2014 10:53:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004412.D

Injection Date:	10-Mar-2014 21:33:03	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-23-A	Lab Sample ID:	460-72174-23	Worklist Smp#:	27
Client ID:	PMP-13SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8082GC11	Limit Group:	GC 8082 PCB		





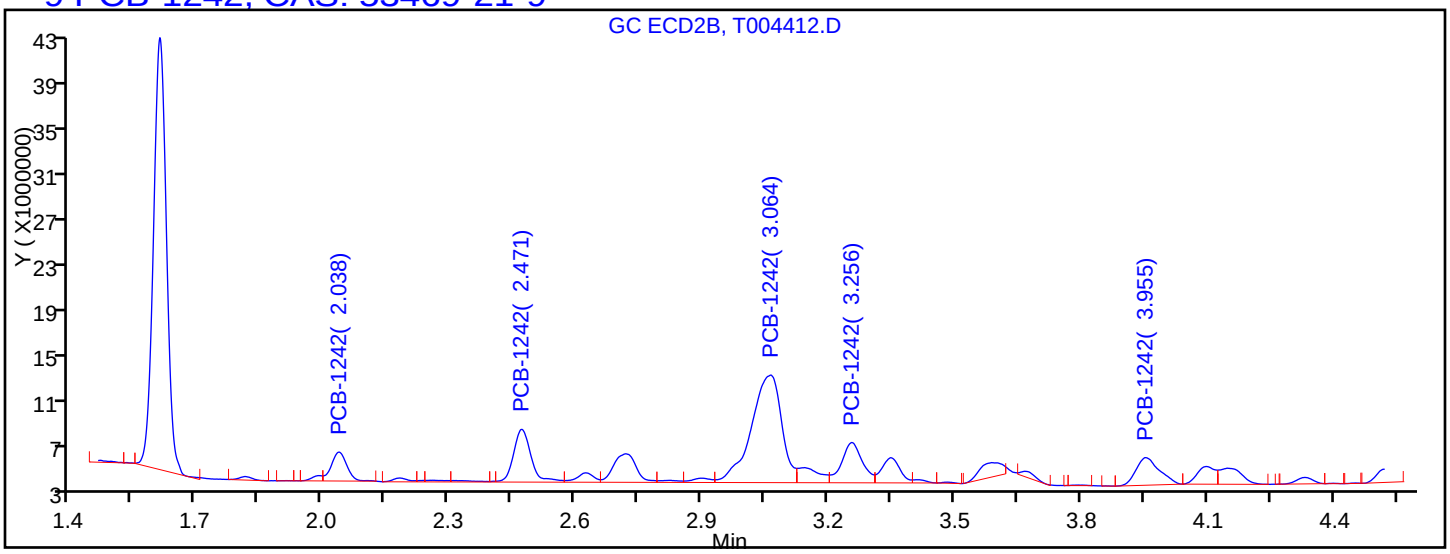
Report Date: 11-Mar-2014 10:53:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004412.D

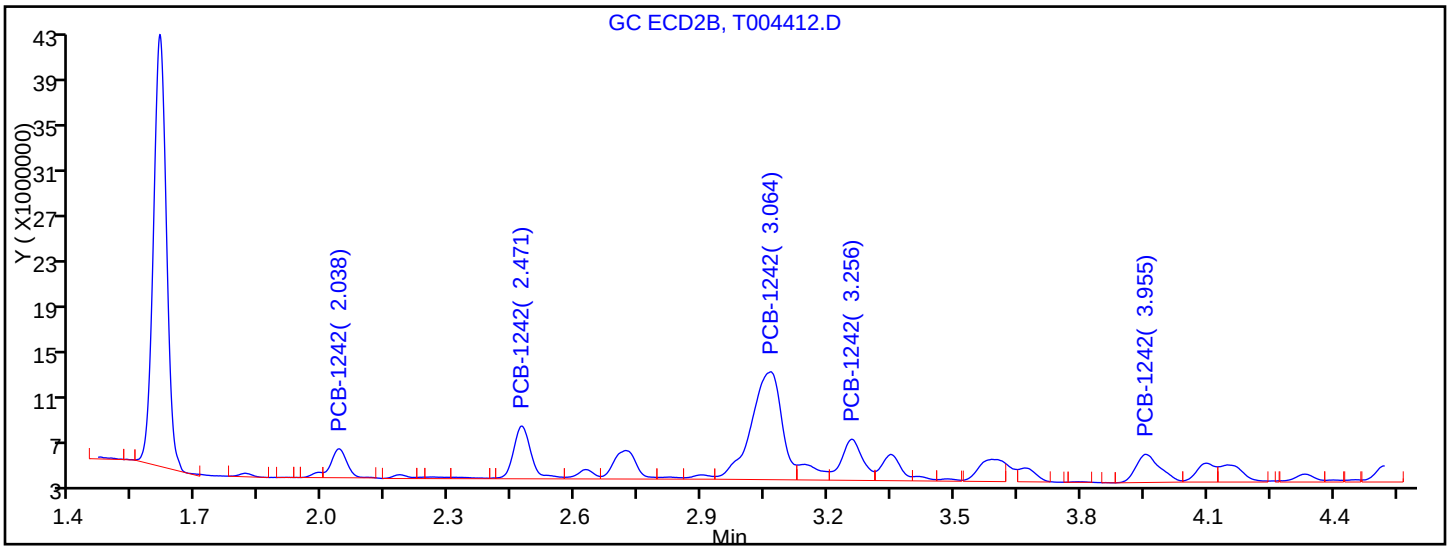
Injection Date:	10-Mar-2014 21:33:03	Instrument ID:	CPESTGC11		
Lims ID:	460-72174-F-23-A	Lab Sample ID:	460-72174-23		
Client ID:	PMP-13SW-SI				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.038	Response = 6382855	
RT = 2.471	Response = 13118012	
RT = 3.064	Response = 46585323	
RT = 3.256	Response = 11838789	M
RT = 3.955	Response = 9129884	



Manual Integration Results

RT = 2.038	Response = 6382855	
RT = 2.471	Response = 13118012	
RT = 3.064	Response = 46585323	
RT = 3.256	Response = 12313975	M
RT = 3.955	Response = 9129884	

Reviewer: patelji, 11-Mar-2014 09:55:30

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-SD Lab Sample ID: 460-72174-24

Matrix: Solid Lab File ID: T004413.D

Analysis Method: 8082 Date Collected: 03/06/2014 16:25

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.00(g) Date Analyzed: 03/10/2014 21:51

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 18.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211705 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004413.D
Lims ID: 460-72174-F-24-A Lab Sample ID: 460-72174-24
Client ID: PMP-13SW-SD
Sample Type: Client
Inject. Date: 10-Mar-2014 21:51:57 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-028
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:53:23 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: boykinc Date: 11-Mar-2014 02:49:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.062	3.065	-0.003	1013084	150.5	
1	3.788	3.792	-0.004	1876422	140.9	
1	4.626	4.627	-0.001	4794800	185.9	M
1	4.874	4.876	-0.002	1541147	148.5	
1	6.421	6.424	-0.003	1419113	150.2	M
		Average of Peak Amounts =			155.2	
2	2.037	2.035	0.002	4779442	174.1	
2	2.471	2.472	-0.001	8303915	160.6	M
2	3.062	3.065	-0.003	21191198	197.4	M
2	3.254	3.257	-0.003	6196594	143.6	M
2	3.951	3.954	-0.003	6558128	152.3	M
		Average of Peak Amounts =			165.6	
					RPD = 6.49	
$ 5 DCB Decachlorobiphenyl						
1	11.632	11.636	-0.004	17202739	53.5	
2	10.556	10.555	0.001	64260831	52.7	
					RPD = 1.46	

QC Flag Legend

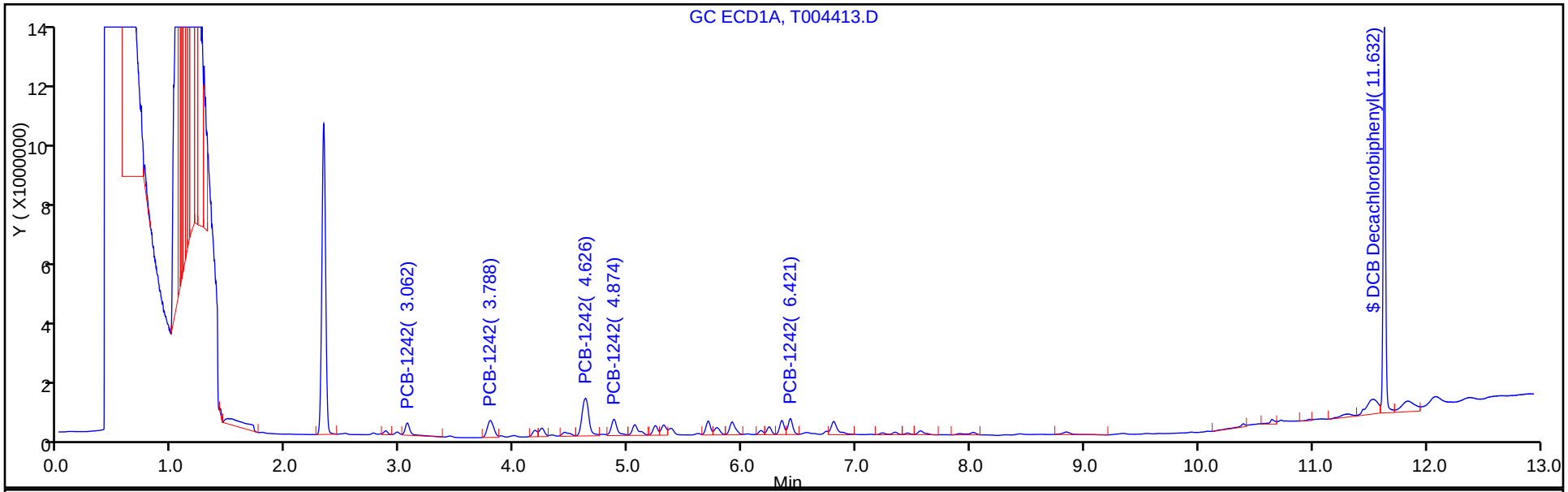
Review Flags
M - Manually Integrated

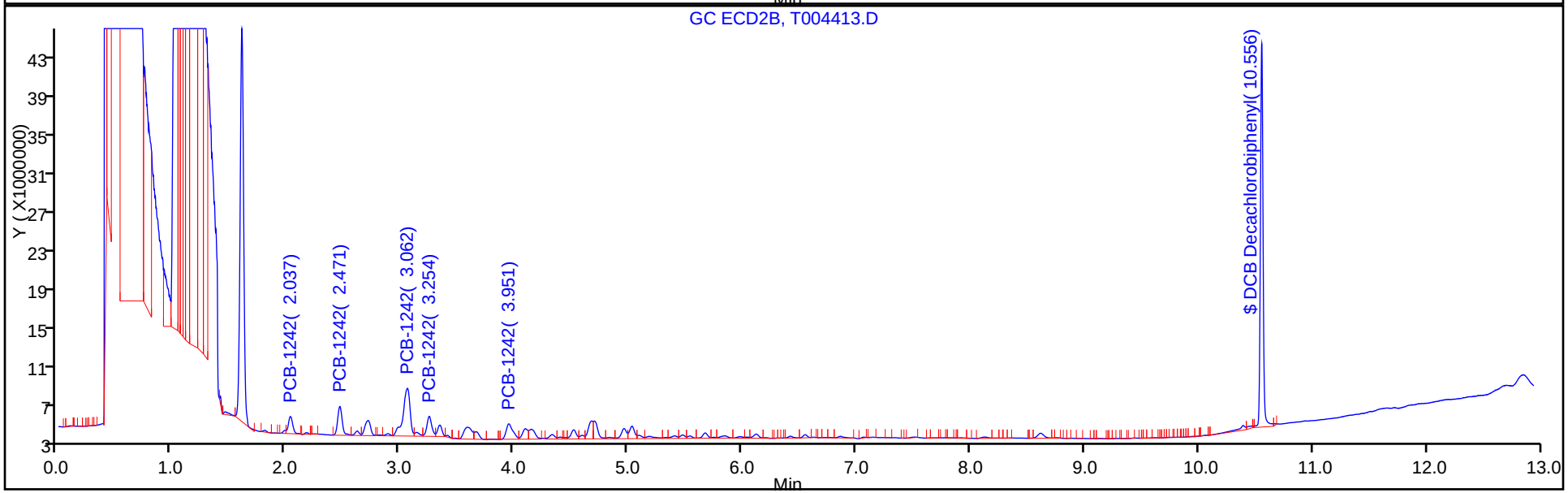
Report Date: 11-Mar-2014 10:53:47 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004413.D

Injection Date:	10-Mar-2014 21:51:57	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-24-A	Lab Sample ID:	460-72174-24	Worklist Smp#:	28
Client ID:	PMP-13SW-SD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8082GC11	Limit Group:	GC 8082 PCB		





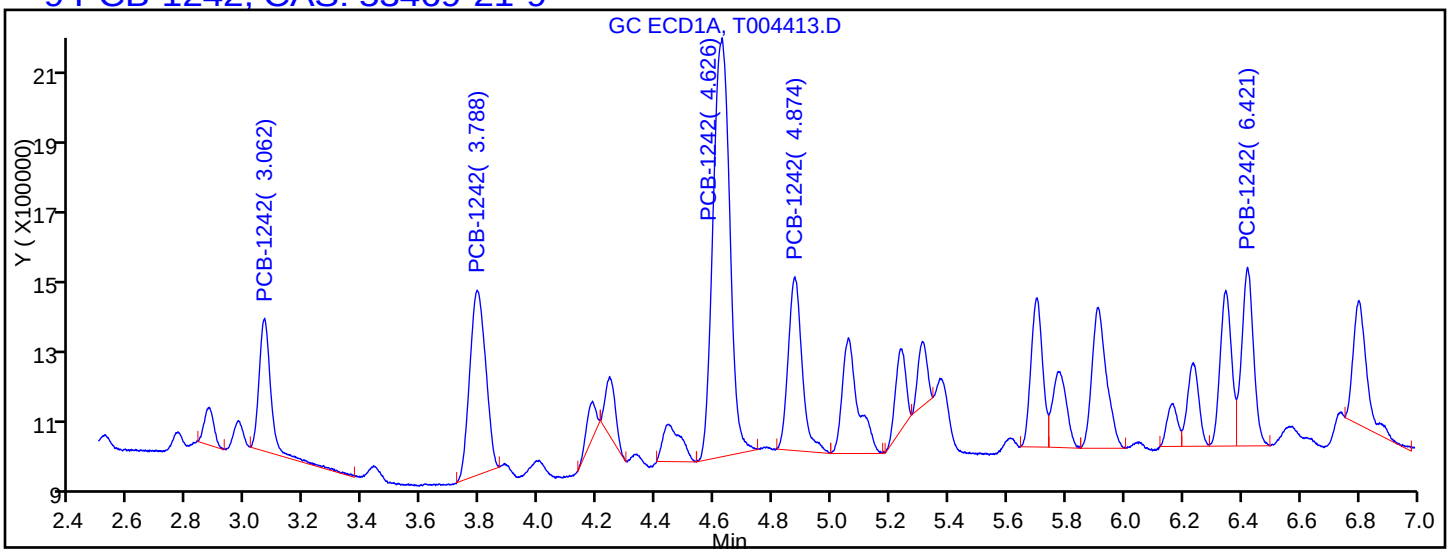
Report Date: 11-Mar-2014 10:53:47 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004413.D

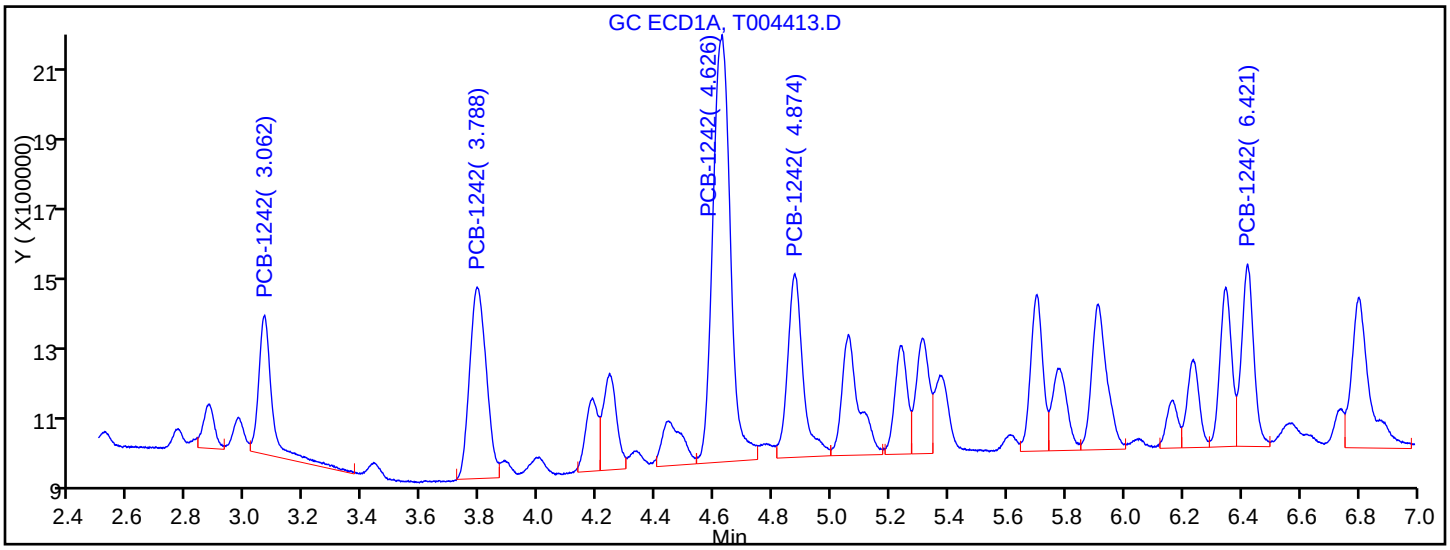
Injection Date:	10-Mar-2014 21:51:57	Instrument ID:	CPESTGC11
Lims ID:	460-72174-F-24-A	Lab Sample ID:	460-72174-24
Client ID:	PMP-13SW-SD		
Operator ID:		ALS Bottle#:	28 Worklist Smp#: 28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082GC11	Limit Group:	GC 8082 PCB
Column:		Detector	GC ECD1A

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.062	Response = 1013084	
RT = 3.788	Response = 1876422	
RT = 4.626	Response = 4485619	M
RT = 4.874	Response = 1541147	
RT = 6.421	Response = 1348397	M



Manual Integration Results

RT = 3.062	Response = 1013084	
RT = 3.788	Response = 1876422	
RT = 4.626	Response = 4794800	M
RT = 4.874	Response = 1541147	
RT = 6.421	Response = 1419113	M

Reviewer: patelji, 11-Mar-2014 09:56:27

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-SD Lab Sample ID: 460-72174-24

Matrix: Solid Lab File ID: T004413.D

Analysis Method: 8082 Date Collected: 03/06/2014 16:25

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.00(g) Date Analyzed: 03/10/2014 21:51

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 18.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211705 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	18	U	82	18
11104-28-2	Aroclor 1221	18	U	82	18
11141-16-5	Aroclor 1232	18	U	82	18
53469-21-9	Aroclor 1242	140		82	18
12672-29-6	Aroclor 1248	18	U	82	18
11097-69-1	Aroclor 1254	23	U	82	23
11096-82-5	Aroclor 1260	23	U	82	23
37324-23-5	Aroclor 1262	23	U	82	23
11100-14-4	Aroclor 1268	23	U	82	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004413.D
Lims ID: 460-72174-F-24-A Lab Sample ID: 460-72174-24
Client ID: PMP-13SW-SD
Sample Type: Client
Inject. Date: 10-Mar-2014 21:51:57 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-028
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:53:23 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: boykinc Date: 11-Mar-2014 02:49:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.062	3.065	-0.003	1013084	150.5	
1	3.788	3.792	-0.004	1876422	140.9	
1	4.626	4.627	-0.001	4794800	185.9	M
1	4.874	4.876	-0.002	1541147	148.5	
1	6.421	6.424	-0.003	1419113	150.2	M
		Average of Peak Amounts =			155.2	
2	2.037	2.035	0.002	4779442	174.1	
2	2.471	2.472	-0.001	8303915	160.6	M
2	3.062	3.065	-0.003	21191198	197.4	M
2	3.254	3.257	-0.003	6196594	143.6	M
2	3.951	3.954	-0.003	6558128	152.3	M
		Average of Peak Amounts =			165.6	
				RPD =	6.49	
$ 5 DCB Decachlorobiphenyl						
1	11.632	11.636	-0.004	17202739	53.5	
2	10.556	10.555	0.001	64260831	52.7	
				RPD =	1.46	

QC Flag Legend

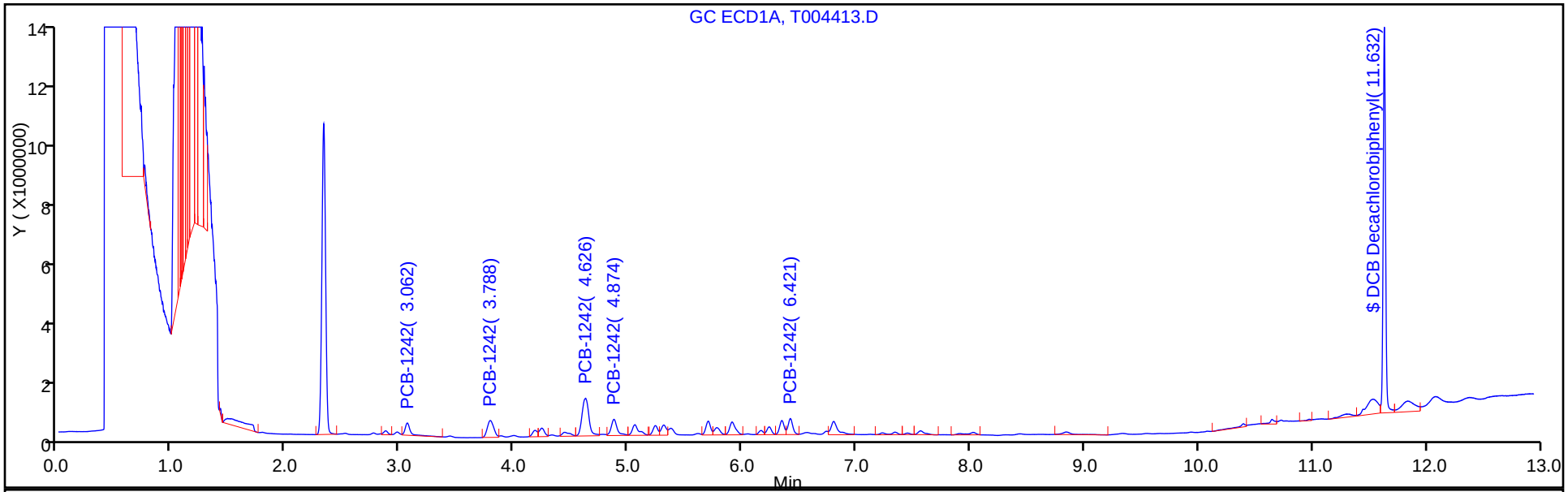
Review Flags
M - Manually Integrated

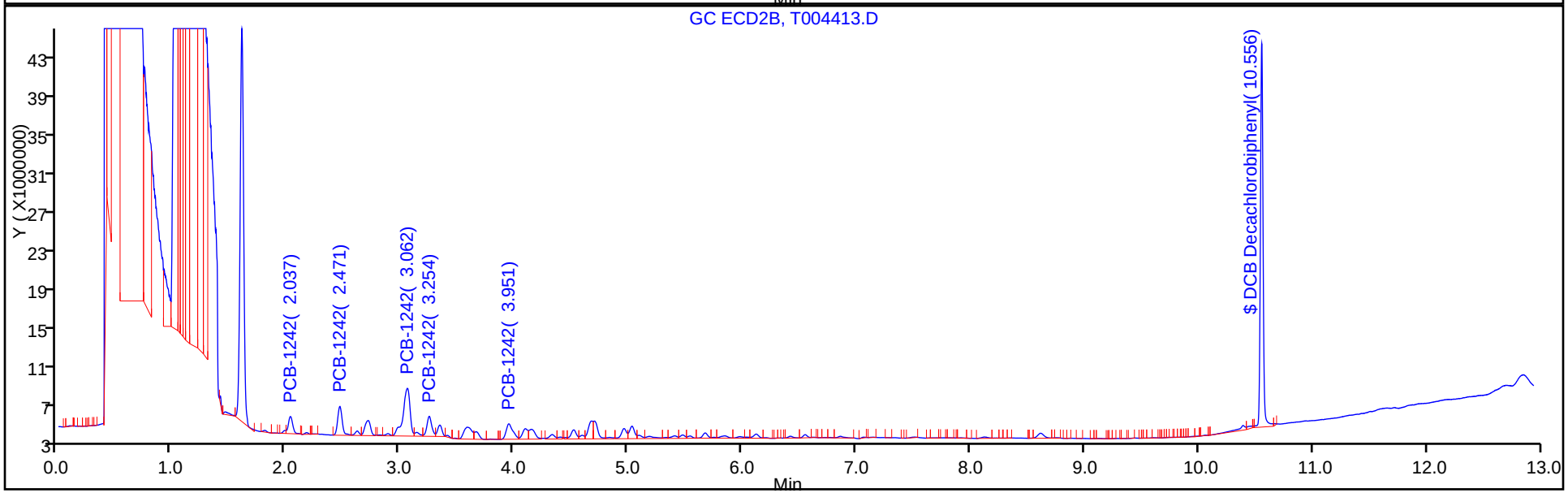
Report Date: 11-Mar-2014 10:53:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004413.D

Injection Date:	10-Mar-2014 21:51:57	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-24-A	Lab Sample ID:	460-72174-24	Worklist Smp#:	28
Client ID:	PMP-13SW-SD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8082GC11	Limit Group:	GC 8082 PCB		





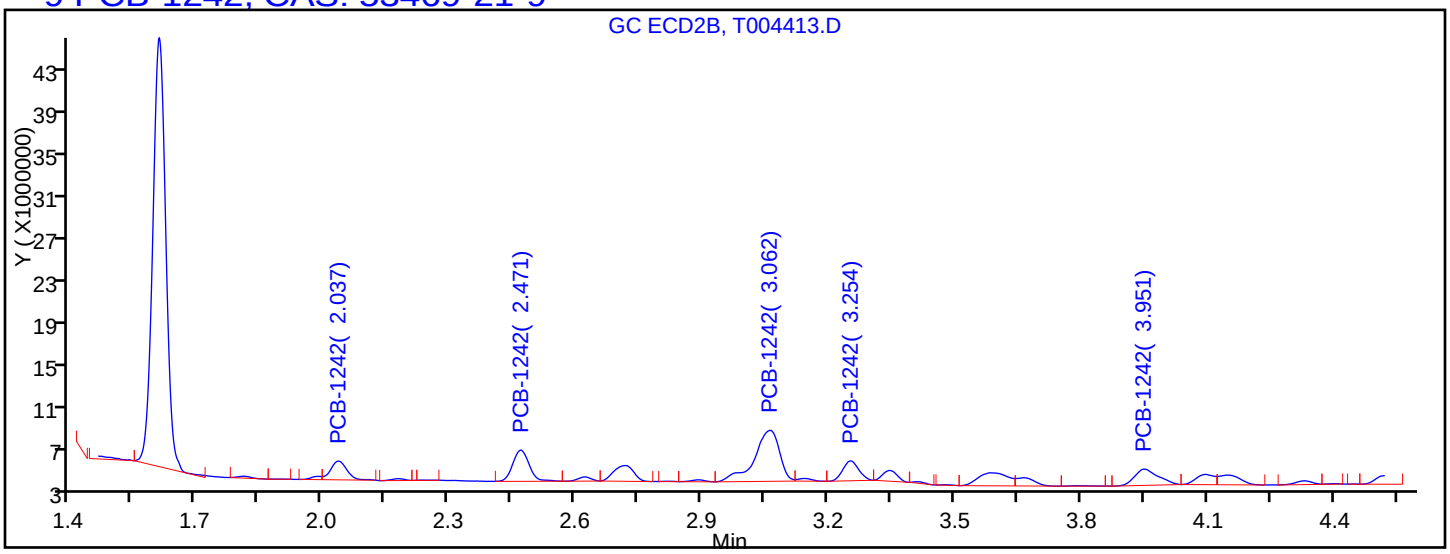
Report Date: 11-Mar-2014 10:53:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004413.D

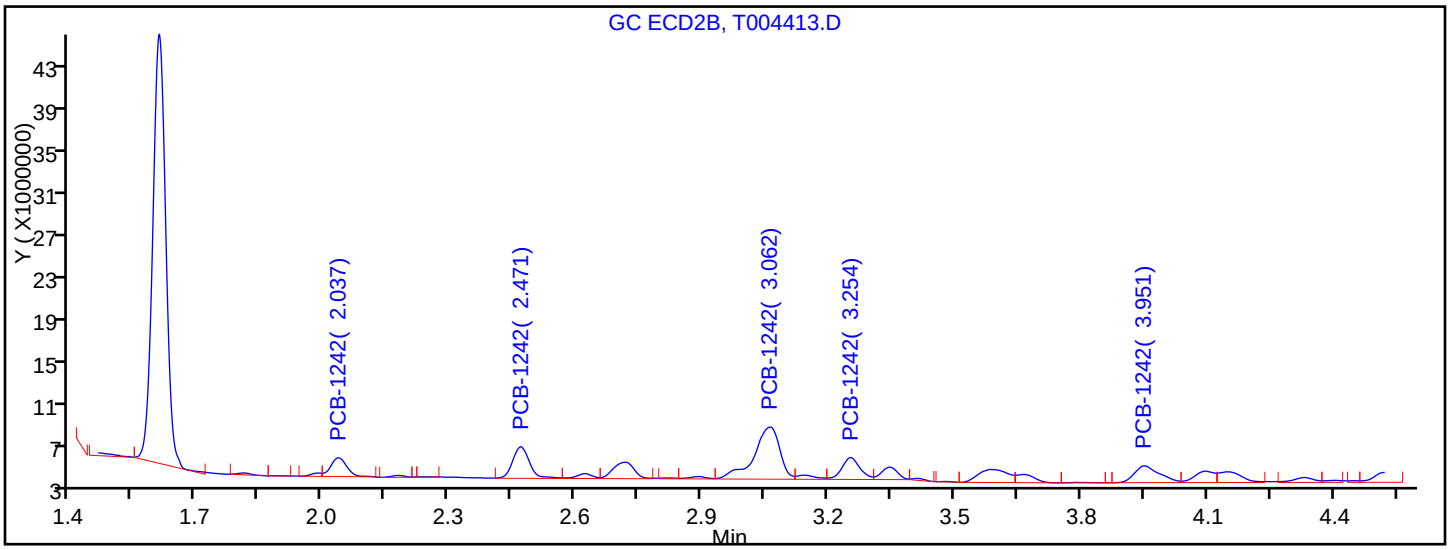
Injection Date:	10-Mar-2014 21:51:57	Instrument ID:	CPESTGC11		
Lims ID:	460-72174-F-24-A	Lab Sample ID:	460-72174-24		
Client ID:	PMP-13SW-SD				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.037	Response = 4779442	
RT = 2.471	Response = 8029825	M
RT = 3.062	Response = 20173743	M
RT = 3.254	Response = 4964283	M
RT = 3.951	Response = 5999387	M



Manual Integration Results

RT = 2.037	Response = 4779442	
RT = 2.471	Response = 8303915	M
RT = 3.062	Response = 21191198	M
RT = 3.254	Response = 6196594	M
RT = 3.951	Response = 6558128	M

Reviewer: patelji, 11-Mar-2014 09:56:27

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-VD Lab Sample ID: 460-72174-25

Matrix: Solid Lab File ID: T004414.D

Analysis Method: 8082 Date Collected: 03/06/2014 16:45

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.00(g) Date Analyzed: 03/10/2014 22:10

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211705 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004414.D
Lims ID: 460-72174-F-25-A Lab Sample ID: 460-72174-25
Client ID: PMP-28SW-VD
Sample Type: Client
Inject. Date: 10-Mar-2014 22:10:51 ALS Bottle#: 29 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-029
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:53:23 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: boykinc Date: 11-Mar-2014 02:51:26

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.063	3.065	-0.002	541015	80.4	M
1	3.788	3.792	-0.004	1025058	76.9	M
1	4.624	4.627	-0.003	2649689	102.7	M
1	4.869	4.876	-0.007	1086436	104.7	M
1	6.420	6.424	-0.004	1481510	156.8	M
		Average of Peak Amounts =			104.3	
2	2.041	2.035	0.006	2894123	105.4	
2	2.470	2.472	-0.002	4142640	80.1	M
2	3.063	3.065	-0.002	13914673	129.6	M
2	3.254	3.257	-0.003	4369025	101.2	M
2	3.953	3.954	-0.001	5811062	134.9	
		Average of Peak Amounts =			110.3	
					RPD = 5.56	
$ 5 DCB Decachlorobiphenyl						
1	11.630	11.636	-0.006	16417845	51.0	
2	10.555	10.555	0.0	62850666	51.5	
					RPD = 1.00	

QC Flag Legend

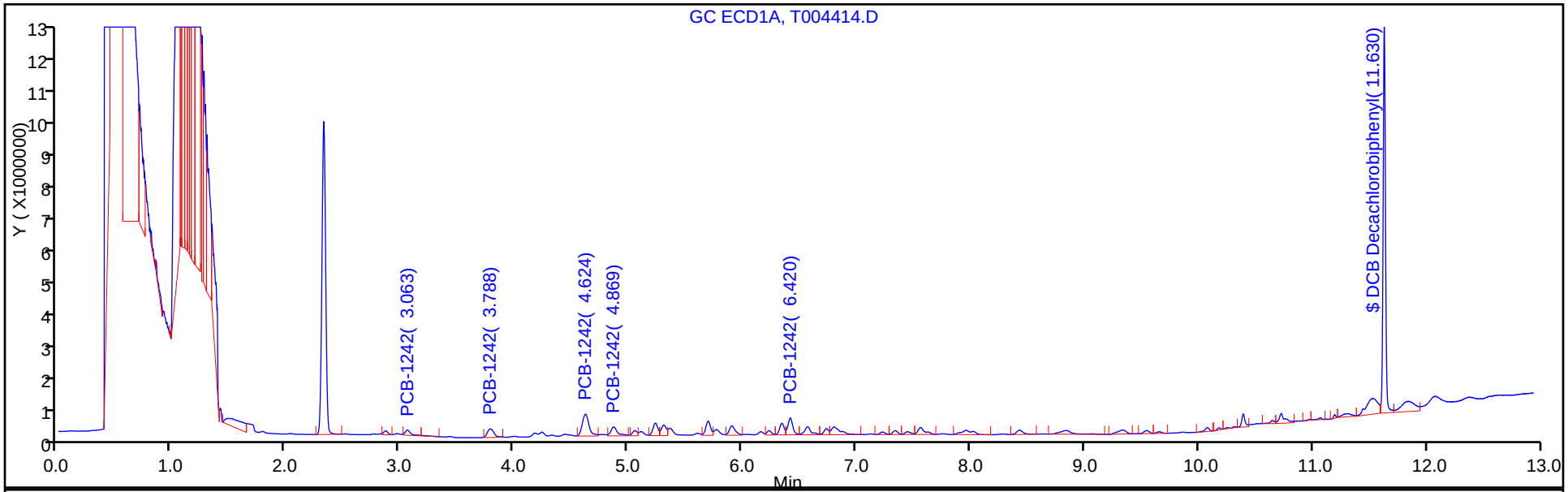
Review Flags
M - Manually Integrated

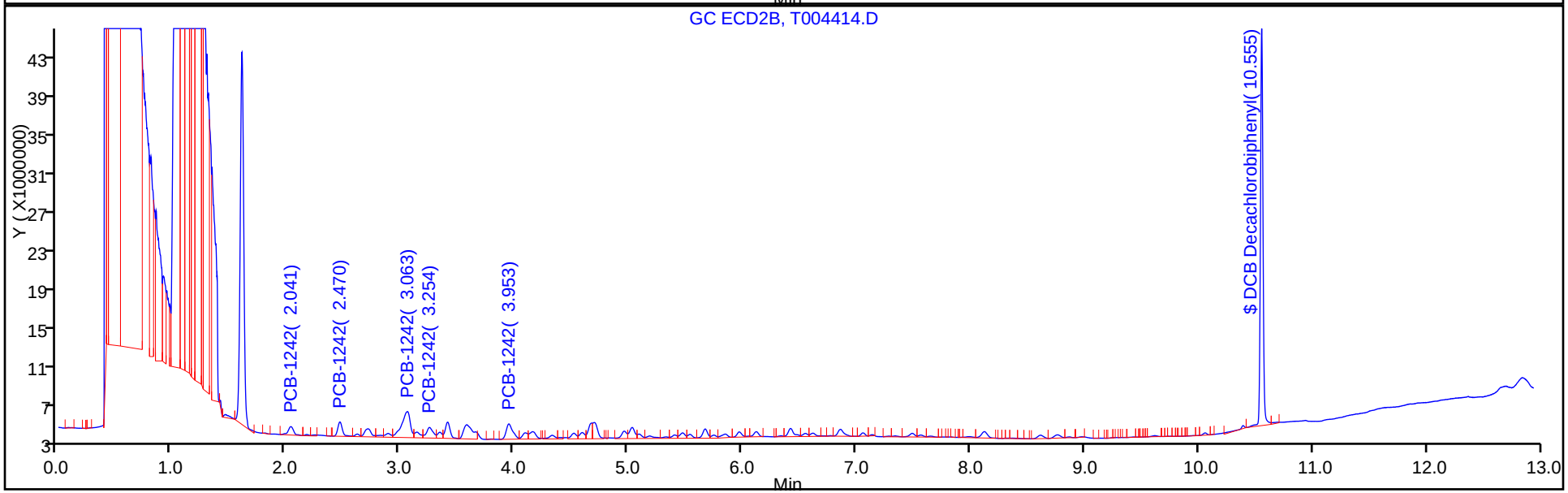
Report Date: 11-Mar-2014 10:53:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004414.D

Injection Date:	10-Mar-2014 22:10:51	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-25-A	Lab Sample ID:	460-72174-25	Worklist Smp#:	29
Client ID:	PMP-28SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	8082GC11	Limit Group:	GC 8082 PCB		





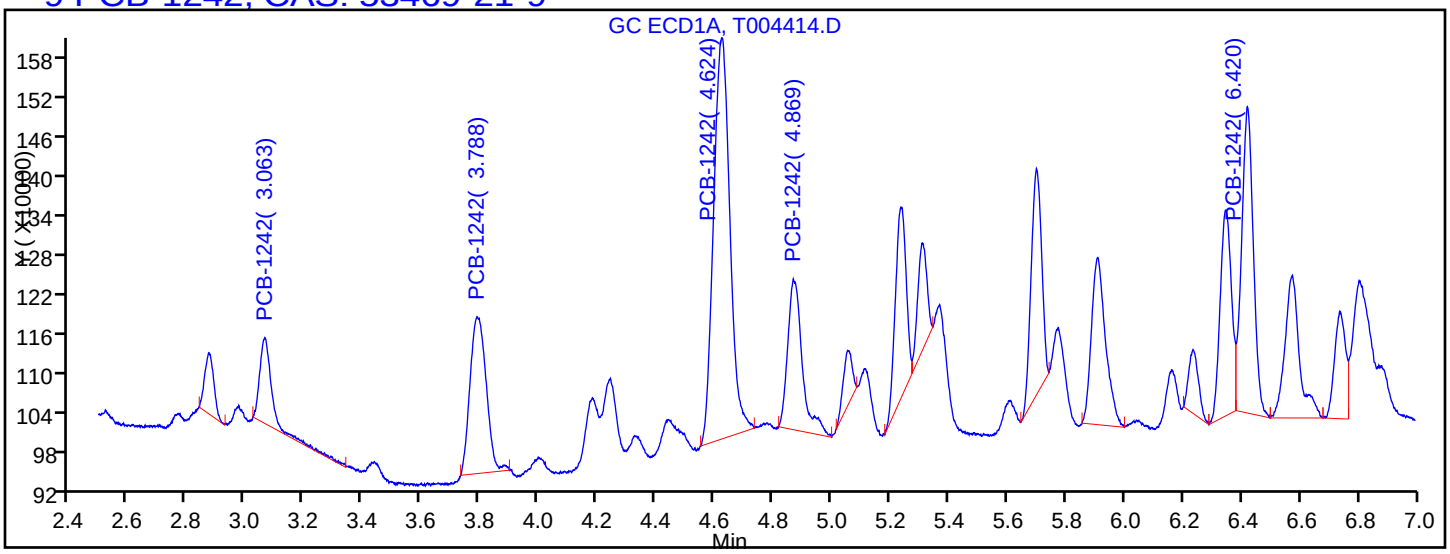
Report Date: 11-Mar-2014 10:53:49 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004414.D

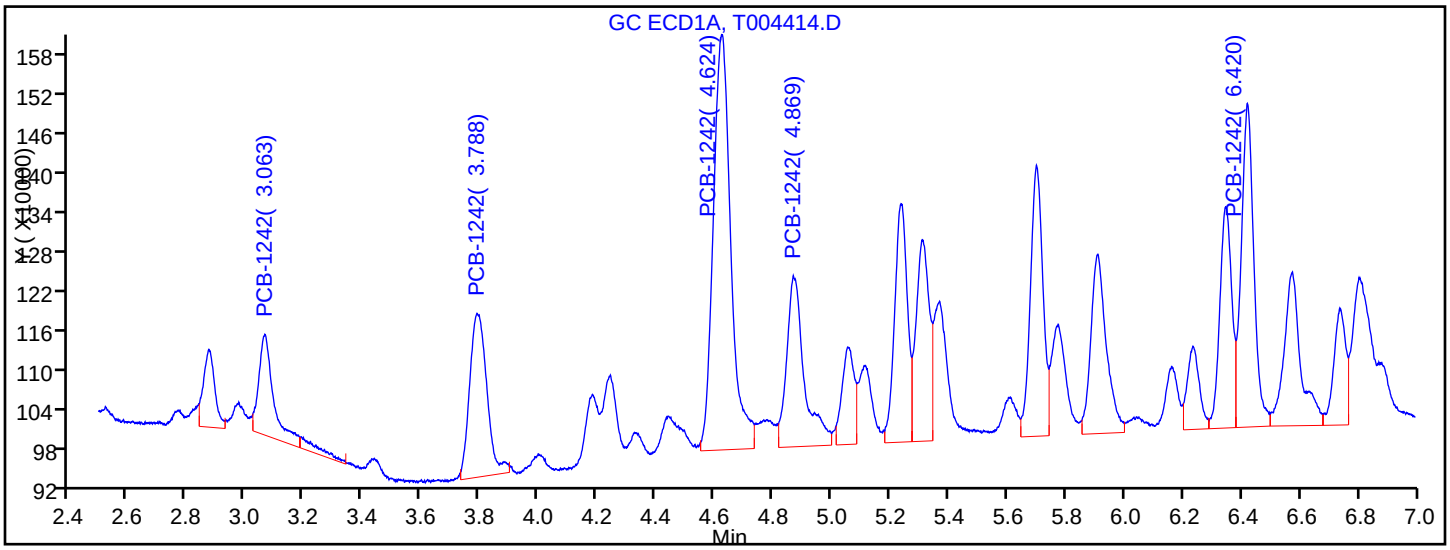
Injection Date:	10-Mar-2014 22:10:51	Instrument ID:	CPESTGC11		
Lims ID:	460-72174-F-25-A	Lab Sample ID:	460-72174-25		
Client ID:	PMP-28SW-VD				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD1A		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.063	Response = 375407	M
RT = 3.788	Response = 923938	M
RT = 4.624	Response = 2382812	M
RT = 4.869	Response = 794793	M
RT = 6.420	Response = 1310579	M



Manual Integration Results

RT = 3.063	Response = 541015	M
RT = 3.788	Response = 1025058	M
RT = 4.624	Response = 2649689	M
RT = 4.869	Response = 1086436	M
RT = 6.420	Response = 1481510	M

Reviewer: patelji, 11-Mar-2014 09:57:31

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-VD Lab Sample ID: 460-72174-25

Matrix: Solid Lab File ID: T004414.D

Analysis Method: 8082 Date Collected: 03/06/2014 16:45

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.00(g) Date Analyzed: 03/10/2014 22:10

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211705 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	71	16
11104-28-2	Aroclor 1221	16	U	71	16
11141-16-5	Aroclor 1232	16	U	71	16
53469-21-9	Aroclor 1242	78		71	16
12672-29-6	Aroclor 1248	16	U	71	16
11097-69-1	Aroclor 1254	20	U	71	20
11096-82-5	Aroclor 1260	20	U	71	20
37324-23-5	Aroclor 1262	20	U	71	20
11100-14-4	Aroclor 1268	20	U	71	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004414.D
Lims ID: 460-72174-F-25-A Lab Sample ID: 460-72174-25
Client ID: PMP-28SW-VD
Sample Type: Client
Inject. Date: 10-Mar-2014 22:10:51 ALS Bottle#: 29 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-029
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:53:23 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: boykinc Date: 11-Mar-2014 02:51:26

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.063	3.065	-0.002	541015	80.4	M
1	3.788	3.792	-0.004	1025058	76.9	M
1	4.624	4.627	-0.003	2649689	102.7	M
1	4.869	4.876	-0.007	1086436	104.7	M
1	6.420	6.424	-0.004	1481510	156.8	M
		Average of Peak Amounts =			104.3	
2	2.041	2.035	0.006	2894123	105.4	
2	2.470	2.472	-0.002	4142640	80.1	M
2	3.063	3.065	-0.002	13914673	129.6	M
2	3.254	3.257	-0.003	4369025	101.2	M
2	3.953	3.954	-0.001	5811062	134.9	
		Average of Peak Amounts =			110.3	
					RPD = 5.56	
$ 5 DCB Decachlorobiphenyl						
1	11.630	11.636	-0.006	16417845	51.0	
2	10.555	10.555	0.0	62850666	51.5	
					RPD = 1.00	

QC Flag Legend

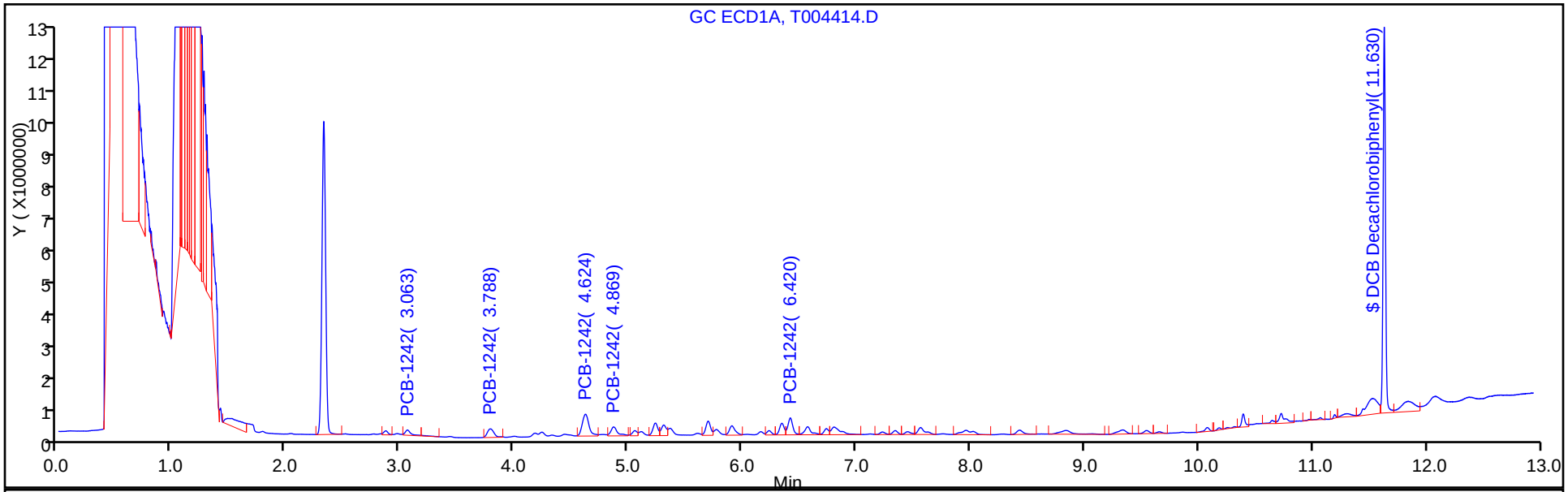
Review Flags
M - Manually Integrated

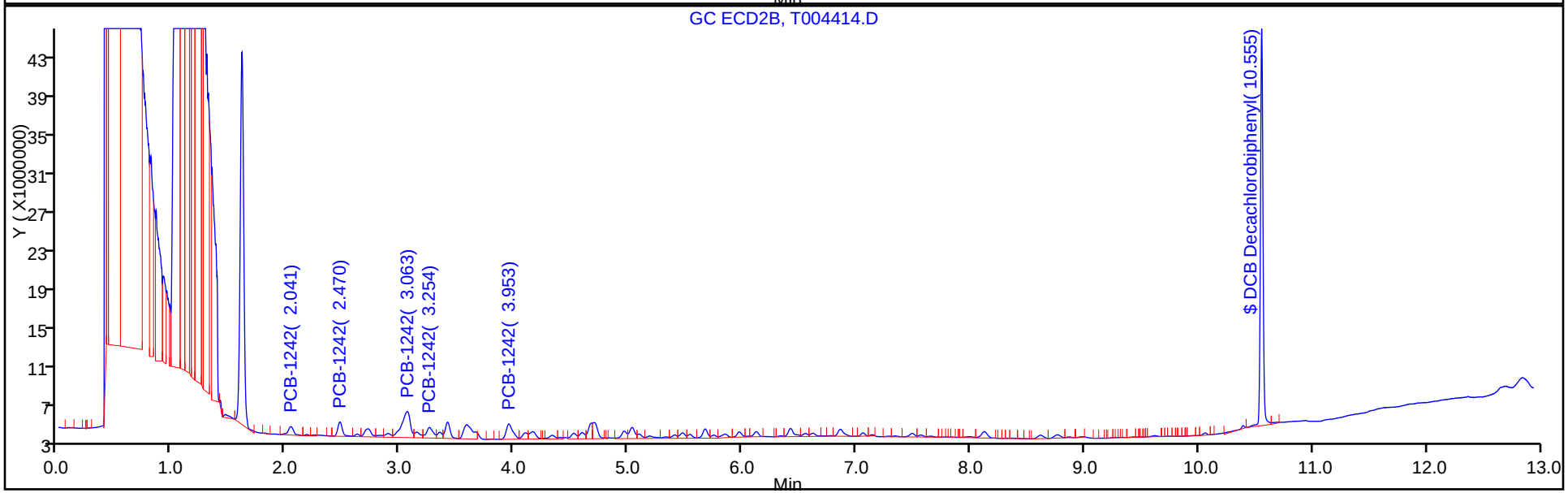
Report Date: 11-Mar-2014 10:53:49 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004414.D

Injection Date:	10-Mar-2014 22:10:51	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-25-A	Lab Sample ID:	460-72174-25	Worklist Smp#:	29
Client ID:	PMP-28SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	8082GC11	Limit Group:	GC 8082 PCB		





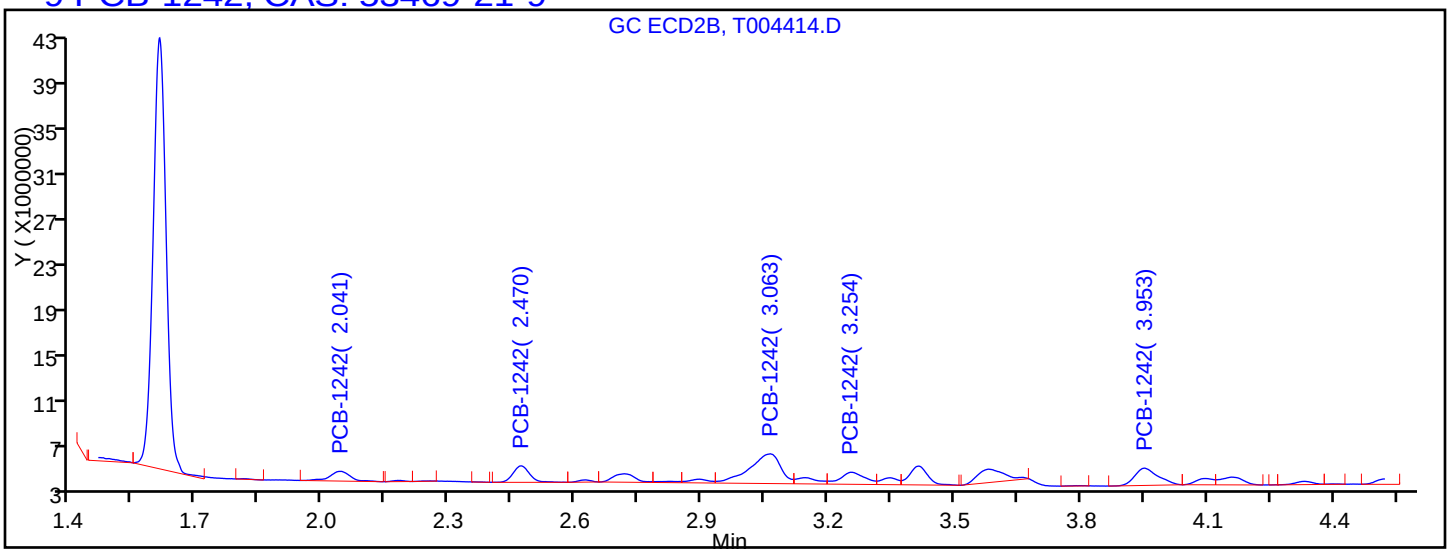
Report Date: 11-Mar-2014 10:53:49 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004414.D

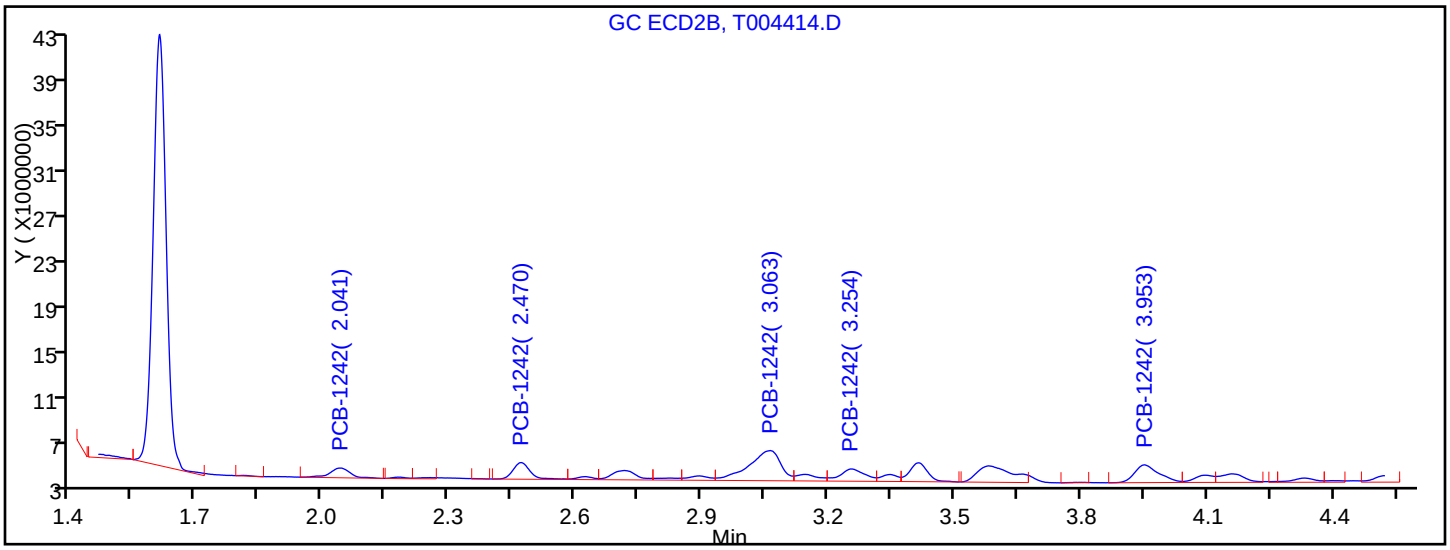
Injection Date:	10-Mar-2014 22:10:51	Instrument ID:	CPESTGC11		
Lims ID:	460-72174-F-25-A	Lab Sample ID:	460-72174-25		
Client ID:	PMP-28SW-VD				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.041	Response = 2894123	
RT = 2.470	Response = 3932059	M
RT = 3.063	Response = 13414554	M
RT = 3.254	Response = 4244152	M
RT = 3.953	Response = 5811062	



Manual Integration Results

RT = 2.041	Response = 2894123	
RT = 2.470	Response = 4142640	M
RT = 3.063	Response = 13914673	M
RT = 3.254	Response = 4369025	M
RT = 3.953	Response = 5811062	

Reviewer: patelji, 11-Mar-2014 09:57:31

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-WT | Lab Sample ID: 460-72174-26

Matrix: Solid | Lab File ID: T004443.D

Analysis Method: 8082 | Date Collected: 03/06/2014 16:40

Extraction Method: 3546 | Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/11/2014 08:27

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211839 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	33000		3900	870

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X*	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004443.D
Lims ID: 460-72174-F-26-A Lab Sample ID: 460-72174-26
Client ID: PMP-28SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 08:27:22 ALS Bottle#: 58 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 14:11:29 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 10:47:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.065	3.065	0.0	2613240	388.1	
1	3.793	3.792	0.001	12919977	969.9	
1	4.627	4.627	0.0	25421371	985.8	
1	4.878	4.876	0.002	8727857	840.9	
1	6.423	6.424	-0.001	9799463	1037.1	
		Average of Peak Amounts =			844.4	
2	2.035	2.035	0.0	11982679	436.6	M
2	2.472	2.472	0.0	48208741	932.4	M
2	3.066	3.065	0.001	97114824	904.7	M
2	3.256	3.257	-0.001	34078786	789.6	M
2	3.953	3.954	-0.001	39614727	919.9	
		Average of Peak Amounts =			796.6	
					RPD = 5.82	
10 PCB-1260						M
1	0.0	7.957	-7.957	0	0	
1	8.435	8.423	0.012	3557322	140.7	
1	10.080	10.075	0.005	2442687	127.7	
1	10.394	10.391	0.003	5247422	125.9	
1	11.205	11.198	0.007	1377870	127.2	
		Average of Peak Amounts =			130.4	
2	5.973	5.972	0.001	9373276	136.7	M
2	7.490	7.486	0.004	8959672	127.3	M
2	8.125	8.121	0.004	19867537	130.6	M
2	8.761	8.760	0.001	10356686	129.1	
2	10.059	10.058	0.001	4918380	129.7	
		Average of Peak Amounts =			130.7	
					RPD = 0.22	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags

QC Flag Legend

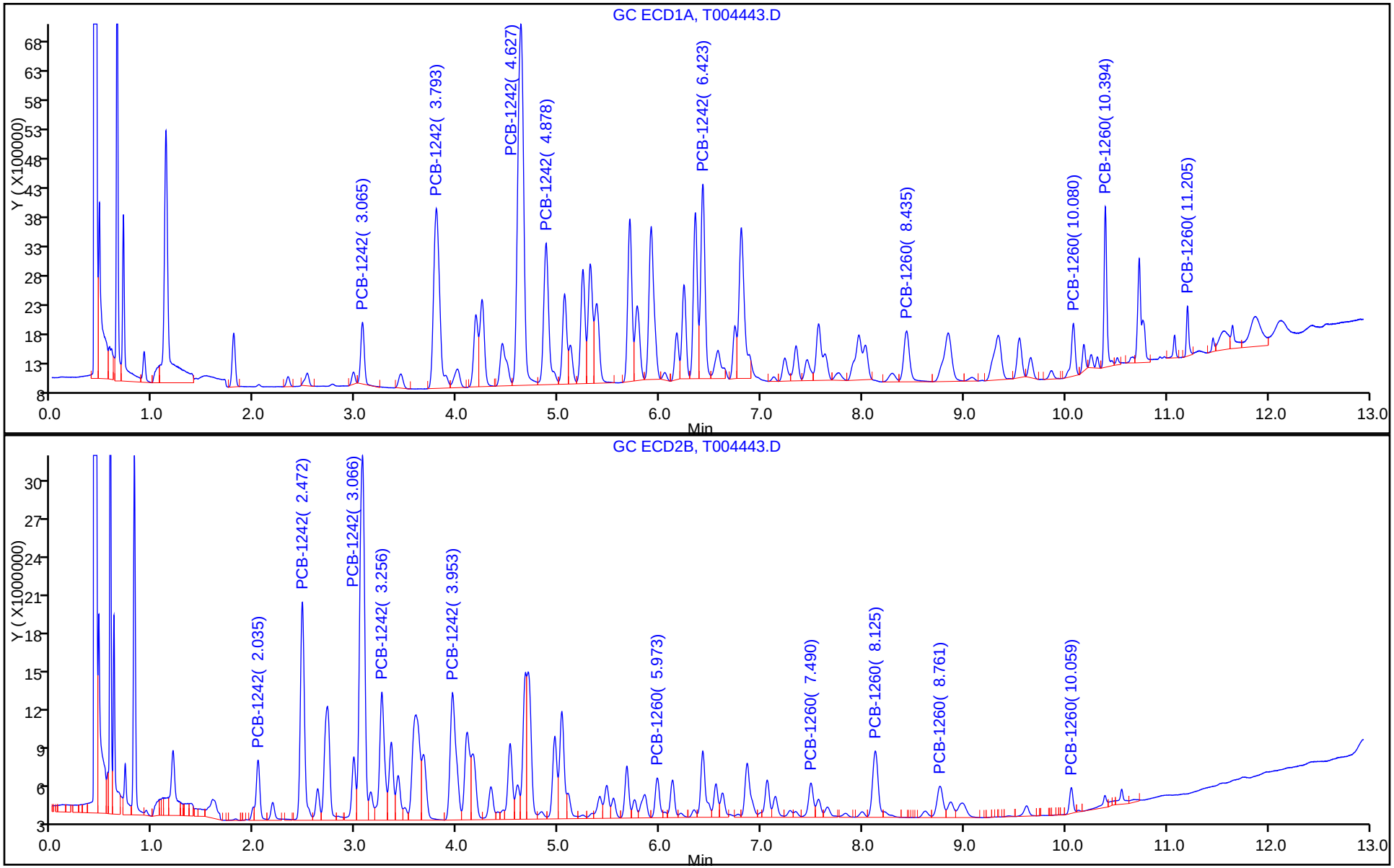
Review Flags
M - Manually Integrated

Report Date: 11-Mar-2014 14:11:36 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004443.D

Injection Date:	11-Mar-2014 08:27:22	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-26-A	Lab Sample ID:	460-72174-26	Worklist Smp#:	3
Client ID:	PMP-28SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	50.0000	ALS Bottle#:	58
Method:	8082GC11	Limit Group:	GC 8082 PCB		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-WT Lab Sample ID: 460-72174-26

Matrix: Solid Lab File ID: T004443.D

Analysis Method: 8082 Date Collected: 03/06/2014 16:40

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.00(g) Date Analyzed: 03/11/2014 08:27

Con. Extract Vol.: 10(mL) Dilution Factor: 50

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211839 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	870	U	3900	870
11104-28-2	Aroclor 1221	870	U	3900	870
11141-16-5	Aroclor 1232	870	U	3900	870
12672-29-6	Aroclor 1248	870	U	3900	870
11097-69-1	Aroclor 1254	1100	U	3900	1100
11096-82-5	Aroclor 1260	5000		3900	1100
37324-23-5	Aroclor 1262	1100	U	3900	1100
11100-14-4	Aroclor 1268	1100	U	3900	1100

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004443.D
Lims ID: 460-72174-F-26-A Lab Sample ID: 460-72174-26
Client ID: PMP-28SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 08:27:22 ALS Bottle#: 58 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 14:11:29 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 10:47:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.065	3.065	0.0	2613240	388.1	
1	3.793	3.792	0.001	12919977	969.9	
1	4.627	4.627	0.0	25421371	985.8	
1	4.878	4.876	0.002	8727857	840.9	
1	6.423	6.424	-0.001	9799463	1037.1	
		Average of Peak Amounts =			844.4	
2	2.035	2.035	0.0	11982679	436.6	M
2	2.472	2.472	0.0	48208741	932.4	M
2	3.066	3.065	0.001	97114824	904.7	M
2	3.256	3.257	-0.001	34078786	789.6	M
2	3.953	3.954	-0.001	39614727	919.9	
		Average of Peak Amounts =			796.6	
					RPD = 5.82	
10 PCB-1260						M
1	0.0	7.957	-7.957	0	0	
1	8.435	8.423	0.012	3557322	140.7	
1	10.080	10.075	0.005	2442687	127.7	
1	10.394	10.391	0.003	5247422	125.9	
1	11.205	11.198	0.007	1377870	127.2	
		Average of Peak Amounts =			130.4	
2	5.973	5.972	0.001	9373276	136.7	M
2	7.490	7.486	0.004	8959672	127.3	M
2	8.125	8.121	0.004	19867537	130.6	M
2	8.761	8.760	0.001	10356686	129.1	
2	10.059	10.058	0.001	4918380	129.7	
		Average of Peak Amounts =			130.7	
					RPD = 0.22	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags

QC Flag Legend

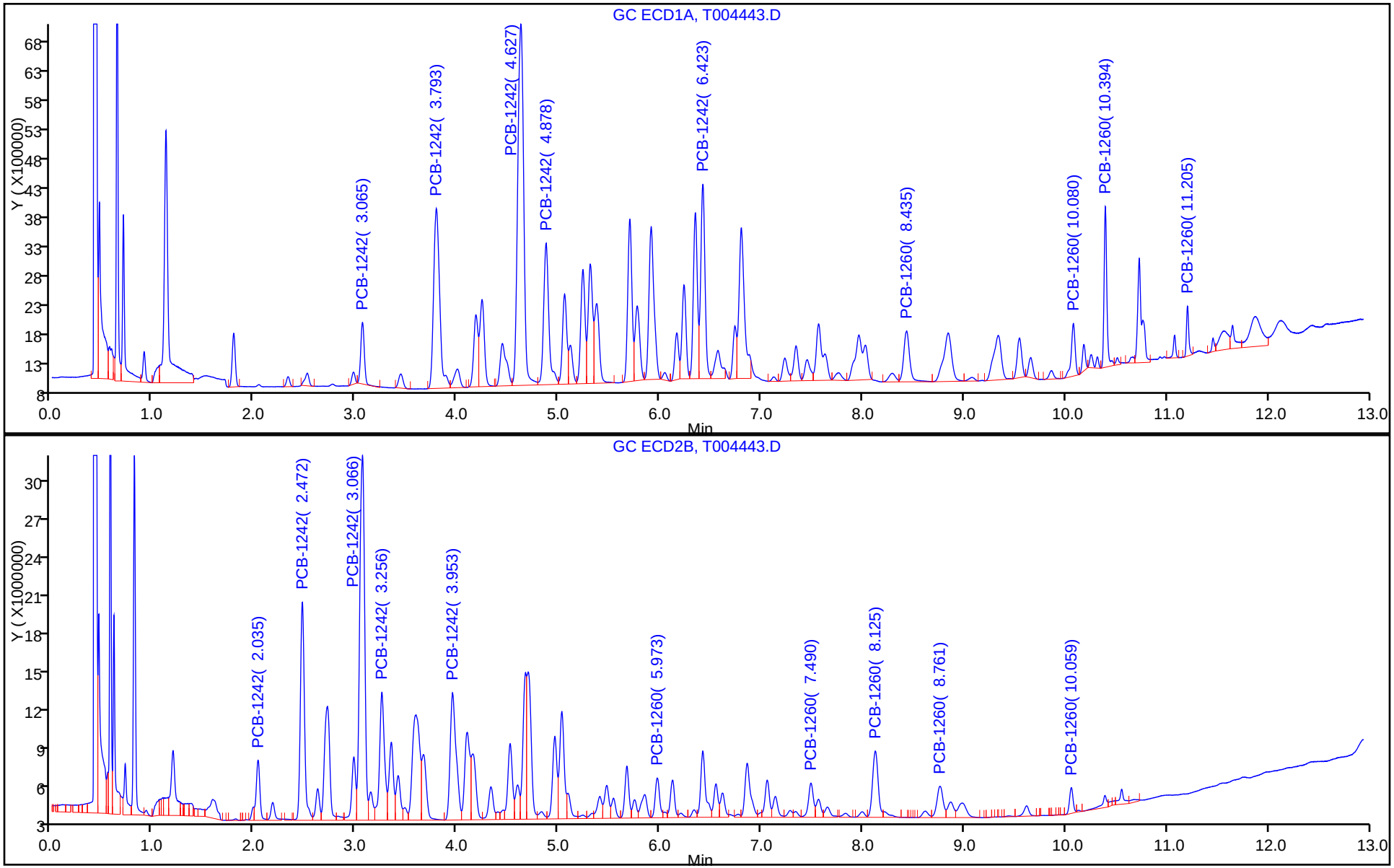
Review Flags
M - Manually Integrated

Report Date: 11-Mar-2014 14:11:37 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004443.D

Injection Date:	11-Mar-2014 08:27:22	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-26-A	Lab Sample ID:	460-72174-26	Worklist Smp#:	3
Client ID:	PMP-28SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	50.0000	ALS Bottle#:	58
Method:	8082GC11	Limit Group:	GC 8082 PCB		



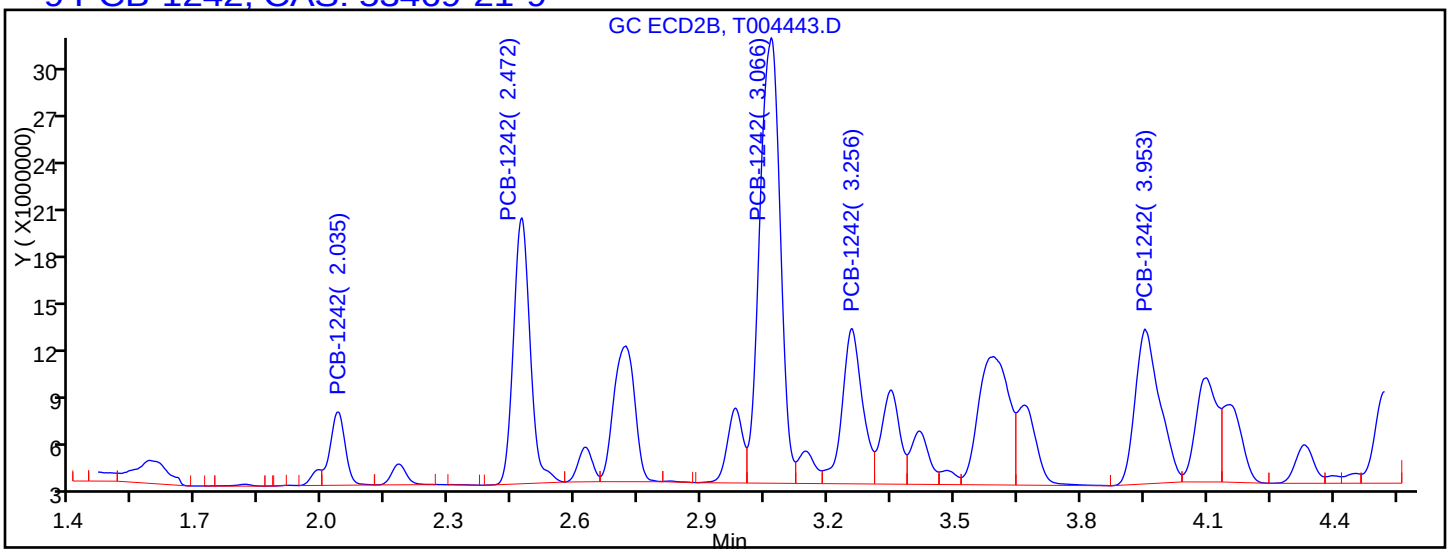
Report Date: 11-Mar-2014 14:11:38 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004443.D

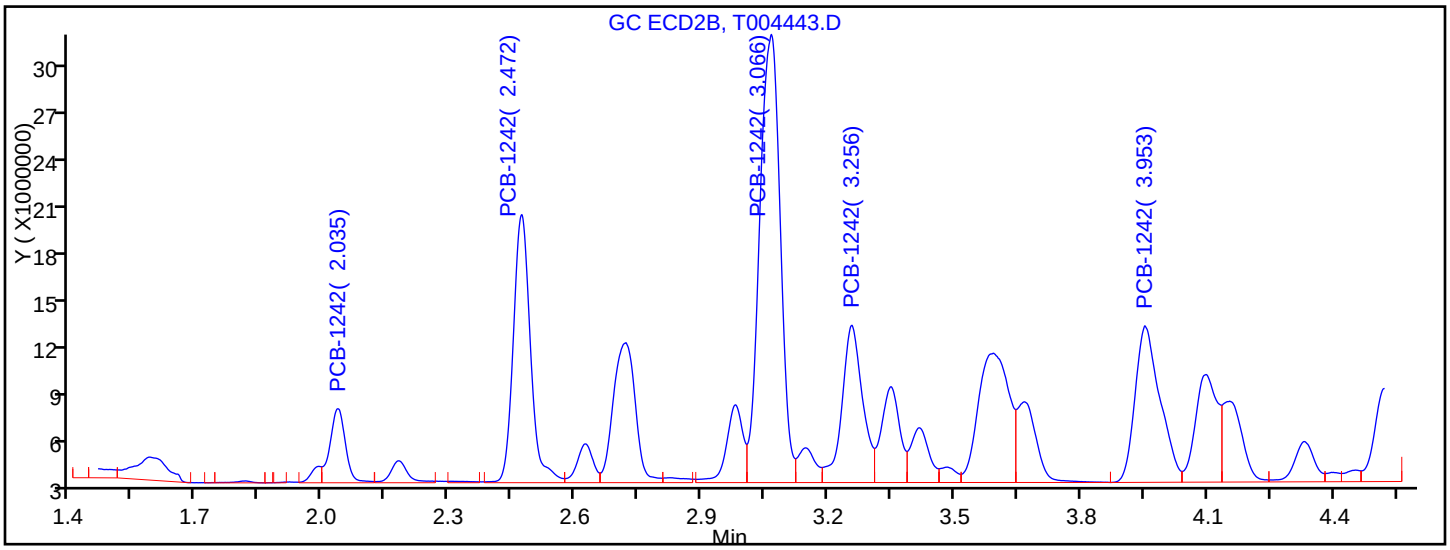
Injection Date:	11-Mar-2014 08:27:22	Instrument ID:	CPESTGC11		
Lims ID:	460-72174-F-26-A	Lab Sample ID:	460-72174-26		
Client ID:	PMP-28SW-WT				
Operator ID:		ALS Bottle#:	58	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.035	Response = 11564906	M
RT = 2.472	Response = 46525963	M
RT = 3.066	Response = 95954959	M
RT = 3.256	Response = 33125313	M
RT = 3.953	Response = 39614727	



Manual Integration Results

RT = 2.035	Response = 11982679	M
RT = 2.472	Response = 48208741	M
RT = 3.066	Response = 97114824	M
RT = 3.256	Response = 34078786	M
RT = 3.953	Response = 39614727	

Reviewer: patelji, 11-Mar-2014 10:47:35

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

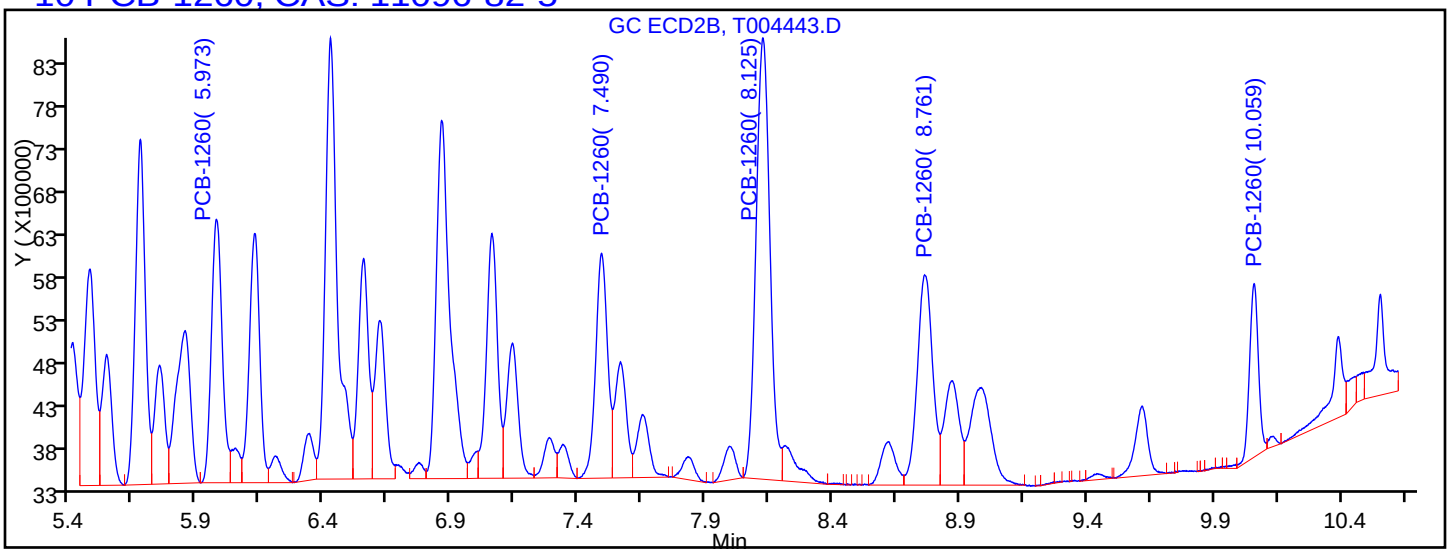
Report Date: 11-Mar-2014 14:11:38 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004443.D

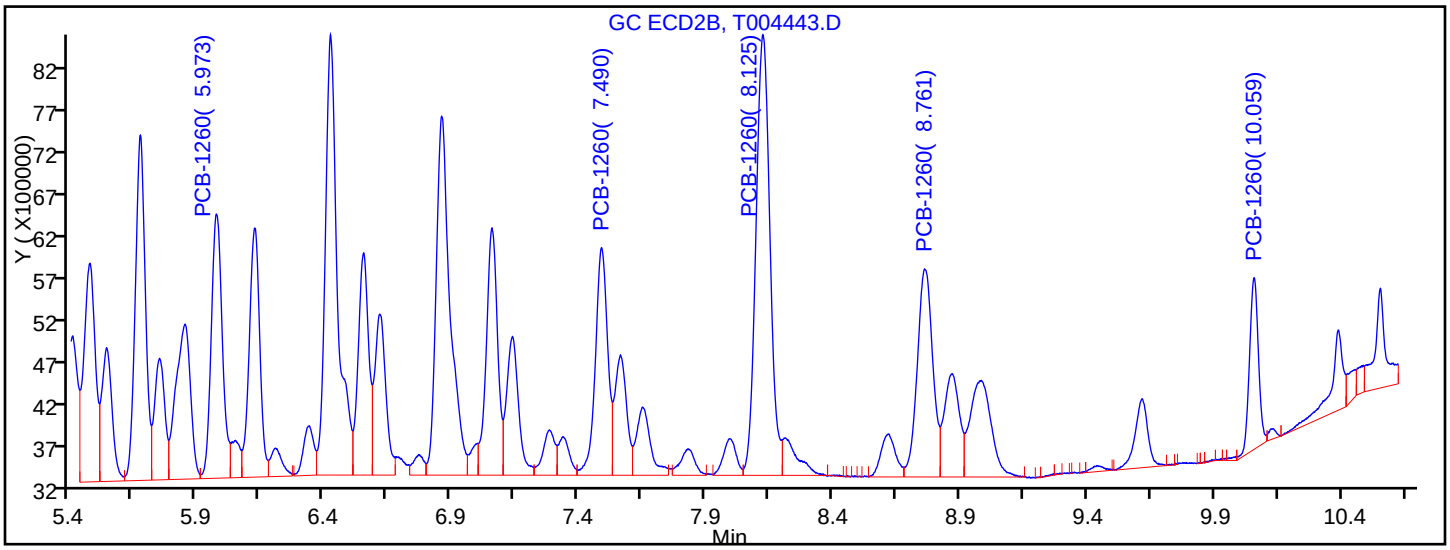
Injection Date:	11-Mar-2014 08:27:22	Instrument ID:	CPESTGC11		
Lims ID:	460-72174-F-26-A	Lab Sample ID:	460-72174-26		
Client ID:	PMP-28SW-WT				
Operator ID:		ALS Bottle#:	58	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.973	Response = 9071288	M
RT = 7.490	Response = 8465978	M
RT = 8.125	Response = 19415262	M
RT = 8.761	Response = 10356686	
RT = 10.059	Response = 4918380	



Manual Integration Results

RT = 5.973	Response = 9373276	M
RT = 7.490	Response = 8959672	M
RT = 8.125	Response = 19867537	M
RT = 8.761	Response = 10356686	
RT = 10.059	Response = 4918380	

Reviewer: patelji, 11-Mar-2014 10:47:35

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-SI Lab Sample ID: 460-72174-27

Matrix: Solid Lab File ID: T004416.D

Analysis Method: 8082 Date Collected: 03/06/2014 16:50

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.02(g) Date Analyzed: 03/10/2014 22:48

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211705 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	120		78	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004416.D
Lims ID: 460-72174-F-27-A Lab Sample ID: 460-72174-27
Client ID: PMP-28SW-SI
Sample Type: Client
Inject. Date: 10-Mar-2014 22:48:41 ALS Bottle#: 31 Worklist Smp#: 31
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-031
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:53:23 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: boykinc Date: 11-Mar-2014 03:01:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.065	3.065	0.0	709757	105.4	M
1	3.794	3.792	0.002	1979027	148.6	M
1	4.626	4.627	-0.001	5149877	199.7	M
1	4.874	4.876	-0.002	1647481	158.7	M
1	6.423	6.424	-0.001	1382444	146.3	M
		Average of Peak Amounts =			151.7	
2	2.038	2.035	0.003	3240821	118.1	
2	2.469	2.472	-0.003	7243844	140.1	
2	3.065	3.065	0.0	22930118	213.6	
2	3.255	3.257	-0.002	6202315	143.7	
2	3.953	3.954	-0.001	5603403	130.1	
		Average of Peak Amounts =			149.1	
				RPD =	1.74	
$ 5 DCB Decachlorobiphenyl						
1	11.624	11.636	-0.012	16851036	52.4	
2	10.555	10.555	0.0	64829756	53.2	
				RPD =	1.49	

QC Flag Legend

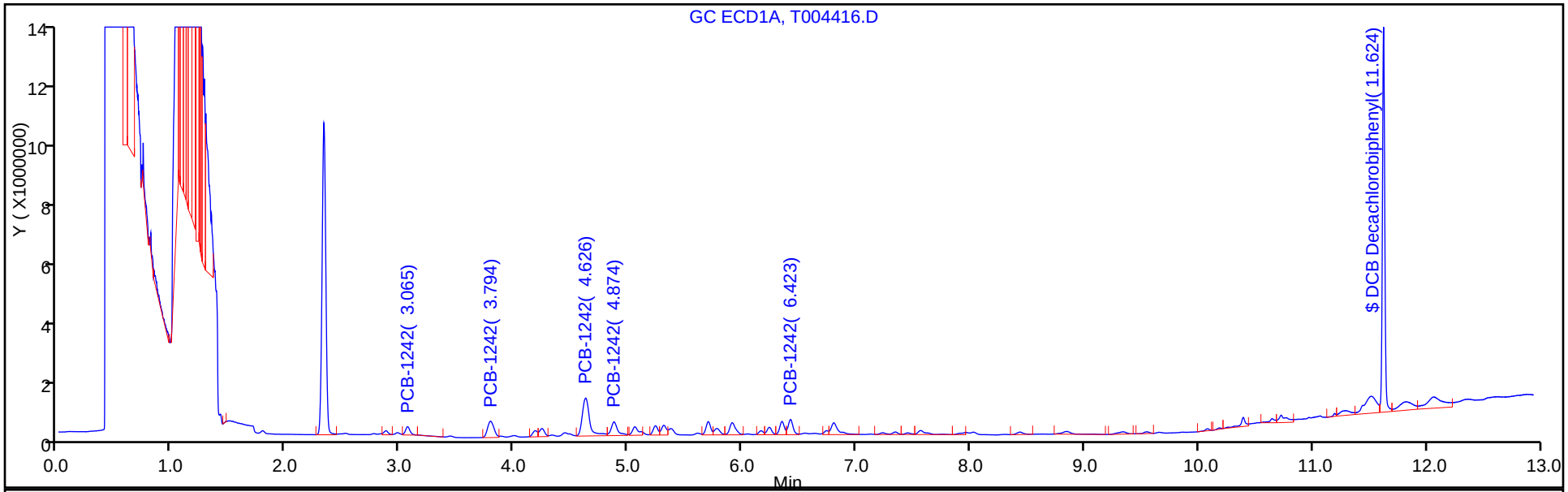
Review Flags
M - Manually Integrated

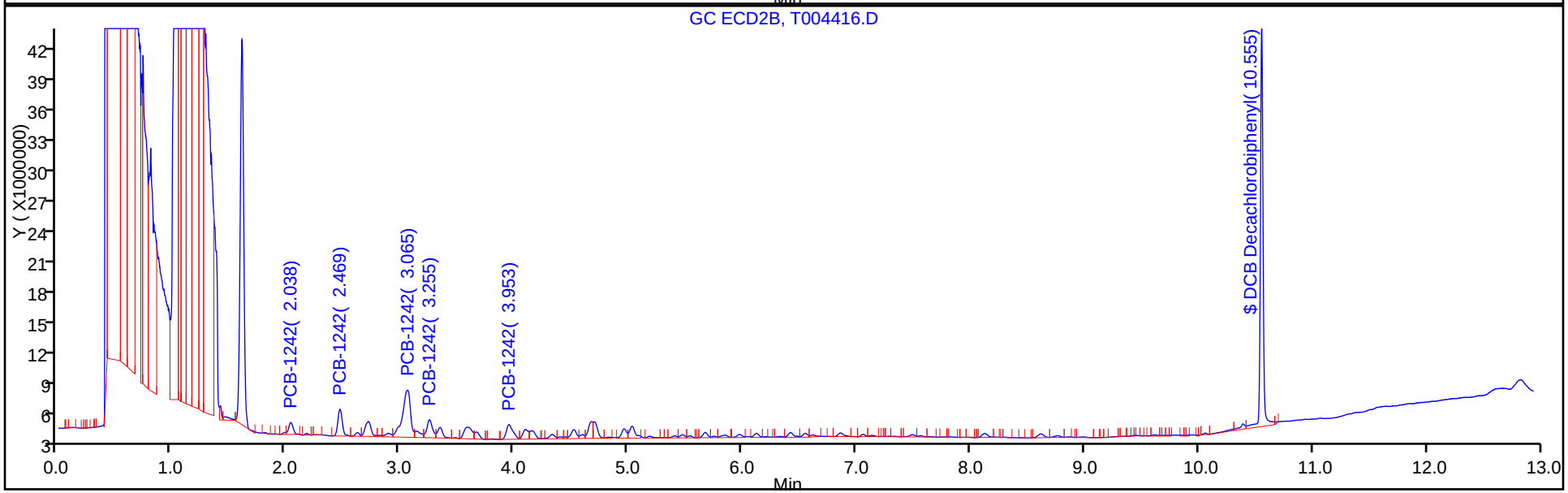
Report Date: 11-Mar-2014 10:53:52 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004416.D

Injection Date:	10-Mar-2014 22:48:41	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-27-A	Lab Sample ID:	460-72174-27	Worklist Smp#:	31
Client ID:	PMP-28SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	31
Method:	8082GC11	Limit Group:	GC 8082 PCB		





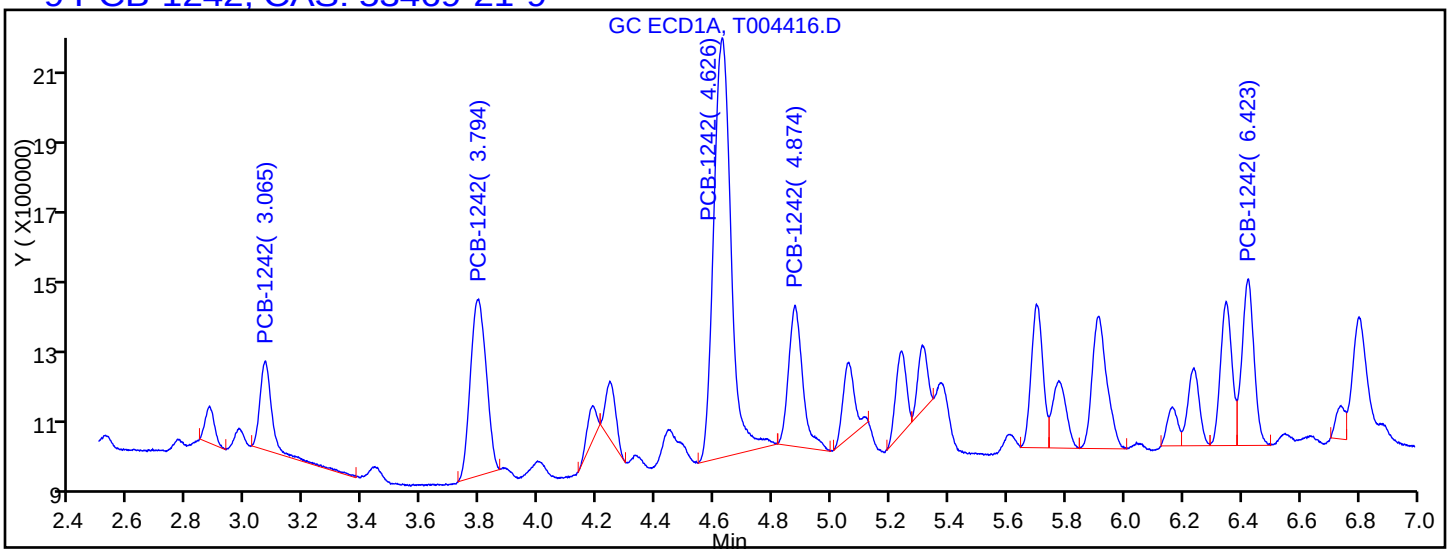
Report Date: 11-Mar-2014 10:53:52 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004416.D

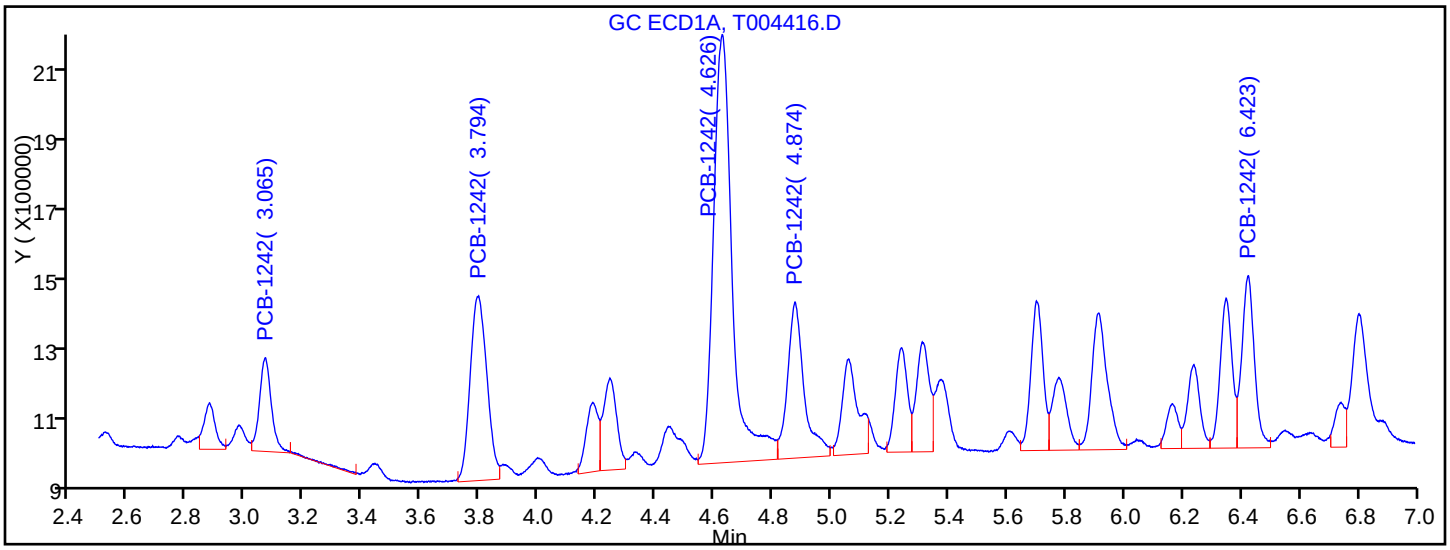
Injection Date:	10-Mar-2014 22:48:41	Instrument ID:	CPESTGC11		
Lims ID:	460-72174-F-27-A	Lab Sample ID:	460-72174-27		
Client ID:	PMP-28SW-SI				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD1A		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.065	Response = 695737	M
RT = 3.794	Response = 1791496	M
RT = 4.626	Response = 4652424	M
RT = 4.874	Response = 1270611	M
RT = 6.423	Response = 1277440	M



Manual Integration Results

RT = 3.065	Response = 709757	M
RT = 3.794	Response = 1979027	M
RT = 4.626	Response = 5149877	M
RT = 4.874	Response = 1647481	M
RT = 6.423	Response = 1382444	M

Reviewer: patelji, 11-Mar-2014 09:58:27

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-SI Lab Sample ID: 460-72174-27

Matrix: Solid Lab File ID: T004416.D

Analysis Method: 8082 Date Collected: 03/06/2014 16:50

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.02(g) Date Analyzed: 03/10/2014 22:48

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211705 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	78	17
11104-28-2	Aroclor 1221	17	U	78	17
11141-16-5	Aroclor 1232	17	U	78	17
12672-29-6	Aroclor 1248	17	U	78	17
11097-69-1	Aroclor 1254	22	U	78	22
11096-82-5	Aroclor 1260	22	U	78	22
37324-23-5	Aroclor 1262	22	U	78	22
11100-14-4	Aroclor 1268	22	U	78	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004416.D
Lims ID: 460-72174-F-27-A Lab Sample ID: 460-72174-27
Client ID: PMP-28SW-SI
Sample Type: Client
Inject. Date: 10-Mar-2014 22:48:41 ALS Bottle#: 31 Worklist Smp#: 31
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-031
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:53:23 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: boykinc Date: 11-Mar-2014 03:01:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.065	3.065	0.0	709757	105.4	M
1	3.794	3.792	0.002	1979027	148.6	M
1	4.626	4.627	-0.001	5149877	199.7	M
1	4.874	4.876	-0.002	1647481	158.7	M
1	6.423	6.424	-0.001	1382444	146.3	M
		Average of Peak Amounts =			151.7	
2	2.038	2.035	0.003	3240821	118.1	
2	2.469	2.472	-0.003	7243844	140.1	
2	3.065	3.065	0.0	22930118	213.6	
2	3.255	3.257	-0.002	6202315	143.7	
2	3.953	3.954	-0.001	5603403	130.1	
		Average of Peak Amounts =			149.1	
				RPD =	1.74	
$ 5 DCB Decachlorobiphenyl						
1	11.624	11.636	-0.012	16851036	52.4	
2	10.555	10.555	0.0	64829756	53.2	
				RPD =	1.49	

QC Flag Legend

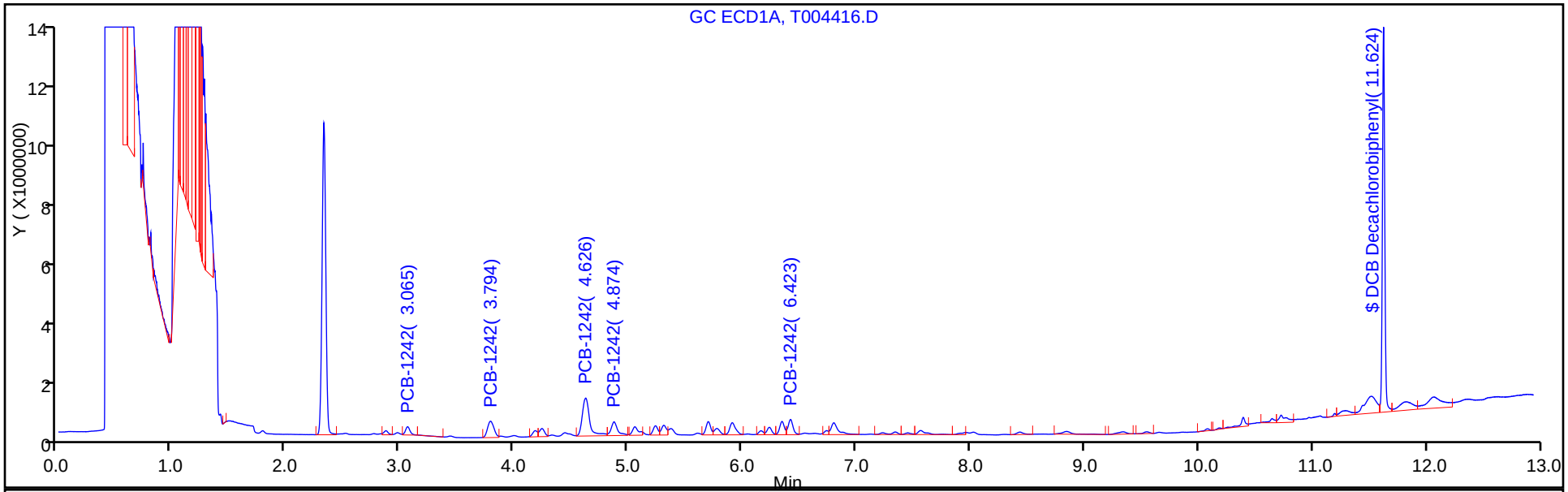
Review Flags
M - Manually Integrated

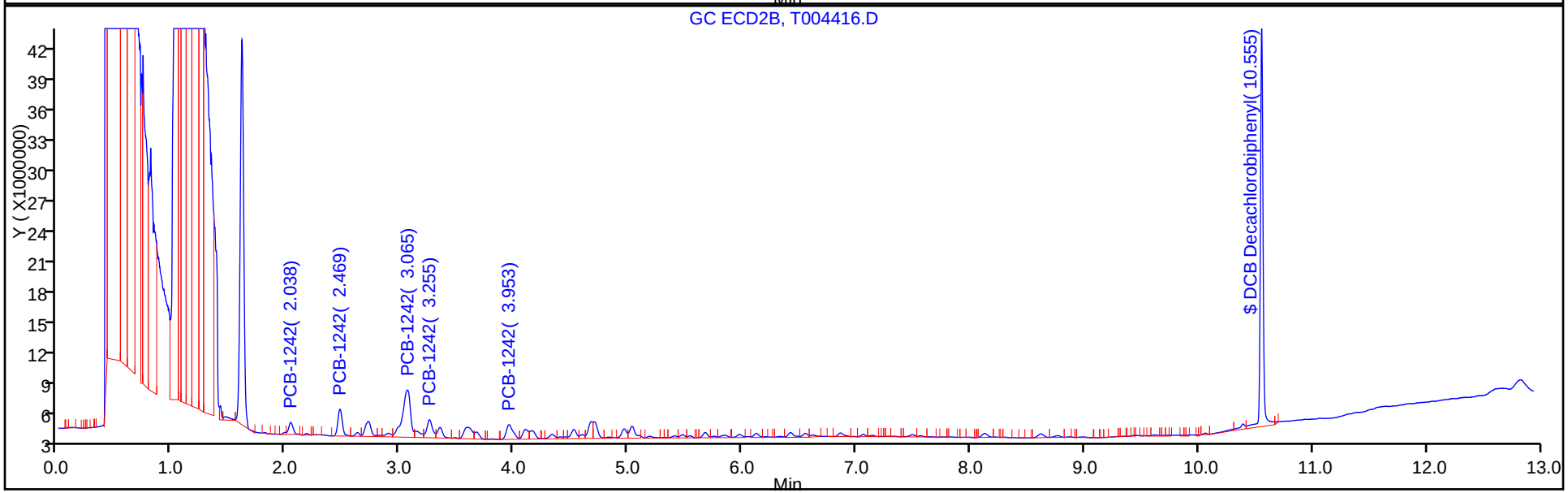
Report Date: 11-Mar-2014 10:53:52 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004416.D

Injection Date:	10-Mar-2014 22:48:41	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-27-A	Lab Sample ID:	460-72174-27	Worklist Smp#:	31
Client ID:	PMP-28SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	31
Method:	8082GC11	Limit Group:	GC 8082 PCB		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: FB-030614 Lab Sample ID: 460-72174-28

Matrix: Water Lab File ID: T004437.D

Analysis Method: 8082 Date Collected: 03/06/2014 18:15

Extraction Method: 3510C Date Extracted: 03/09/2014 10:42

Sample wt/vol: 980(mL) Date Analyzed: 03/11/2014 05:25

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 211706 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	63		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004437.D
Lims ID: 460-72174-F-28-A Lab Sample ID: 460-72174-28
Client ID: FB-030614
Sample Type: Client
Inject. Date: 11-Mar-2014 05:25:46 ALS Bottle#: 52 Worklist Smp#: 52
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-052
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:54:24 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

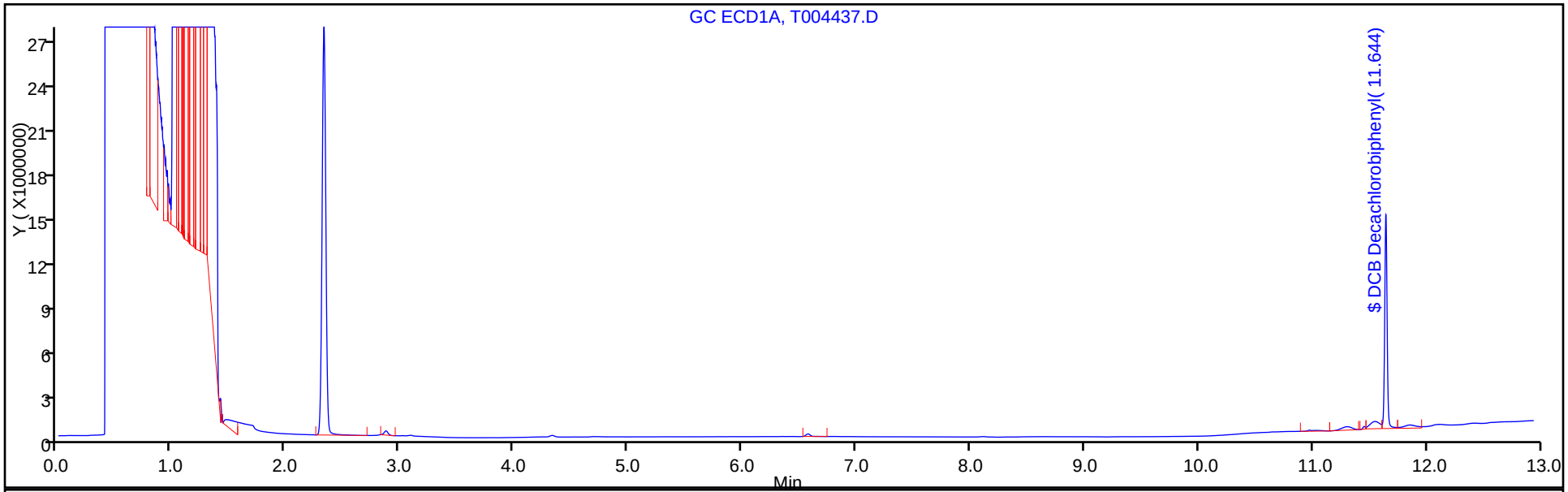
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	11.644	11.636	0.008	20423991	63.5	
2	10.556	10.555	0.001	76231236	62.5	
					RPD = 1.54	

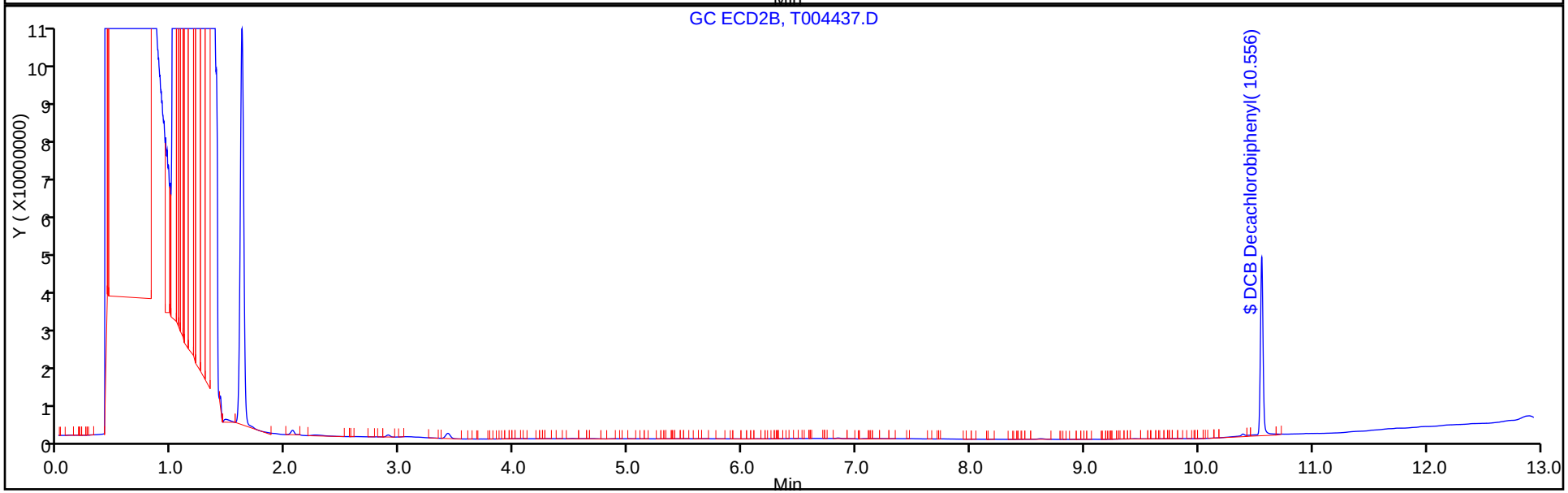
Report Date: 11-Mar-2014 10:54:38 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004437.D

Injection Date:	11-Mar-2014 05:25:46	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-28-A	Lab Sample ID:	460-72174-28	Worklist Smp#:	52
Client ID:	FB-030614				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	52
Method:	8082GC11	Limit Group:	GC 8082 PCB		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: FB-030614 | Lab Sample ID: 460-72174-28

Matrix: Water | Lab File ID: T004437.D

Analysis Method: 8082 | Date Collected: 03/06/2014 18:15

Extraction Method: 3510C | Date Extracted: 03/09/2014 10:42

Sample wt/vol: 980(mL) | Date Analyzed: 03/11/2014 05:25

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211706 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.078	U	0.51	0.078
11104-28-2	Aroclor 1221	0.078	U	0.51	0.078
11141-16-5	Aroclor 1232	0.078	U	0.51	0.078
53469-21-9	Aroclor 1242	0.078	U	0.51	0.078
12672-29-6	Aroclor 1248	0.078	U	0.51	0.078
11097-69-1	Aroclor 1254	0.085	U	0.51	0.085
11096-82-5	Aroclor 1260	0.085	U	0.51	0.085
37324-23-5	Aroclor 1262	0.085	U	0.51	0.085
11100-14-4	Aroclor 1268	0.085	U	0.51	0.085

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	63		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004437.D
Lims ID: 460-72174-F-28-A Lab Sample ID: 460-72174-28
Client ID: FB-030614
Sample Type: Client
Inject. Date: 11-Mar-2014 05:25:46 ALS Bottle#: 52 Worklist Smp#: 52
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-052
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:54:24 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

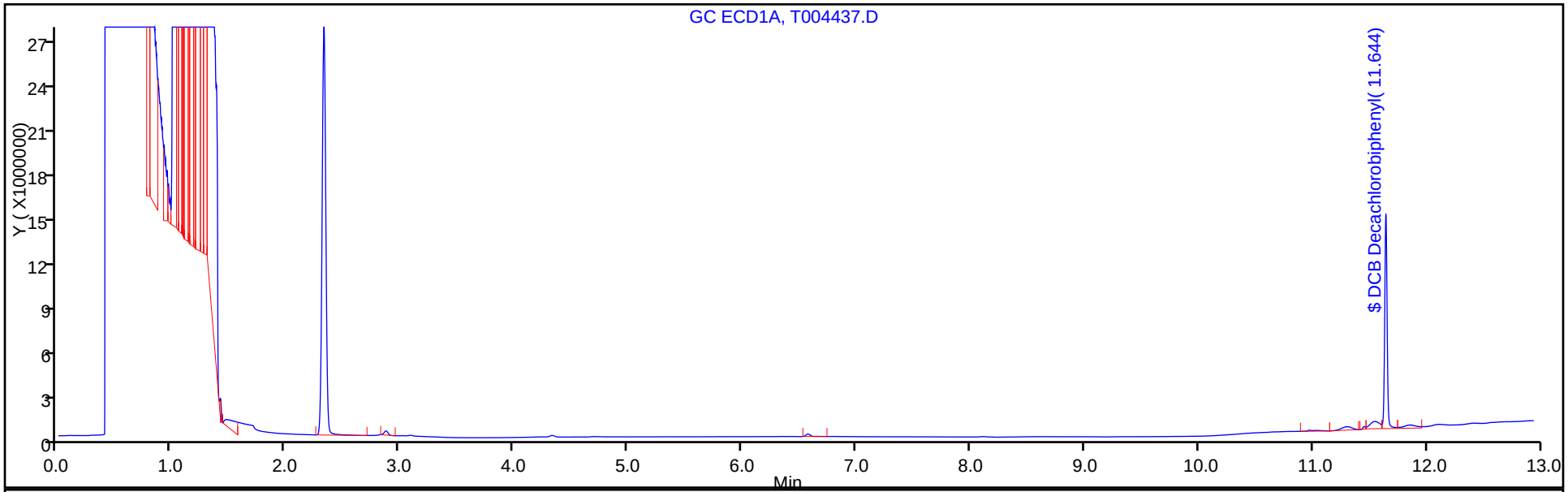
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	11.644	11.636	0.008	20423991	63.5	
2	10.556	10.555	0.001	76231236	62.5	
					RPD = 1.54	

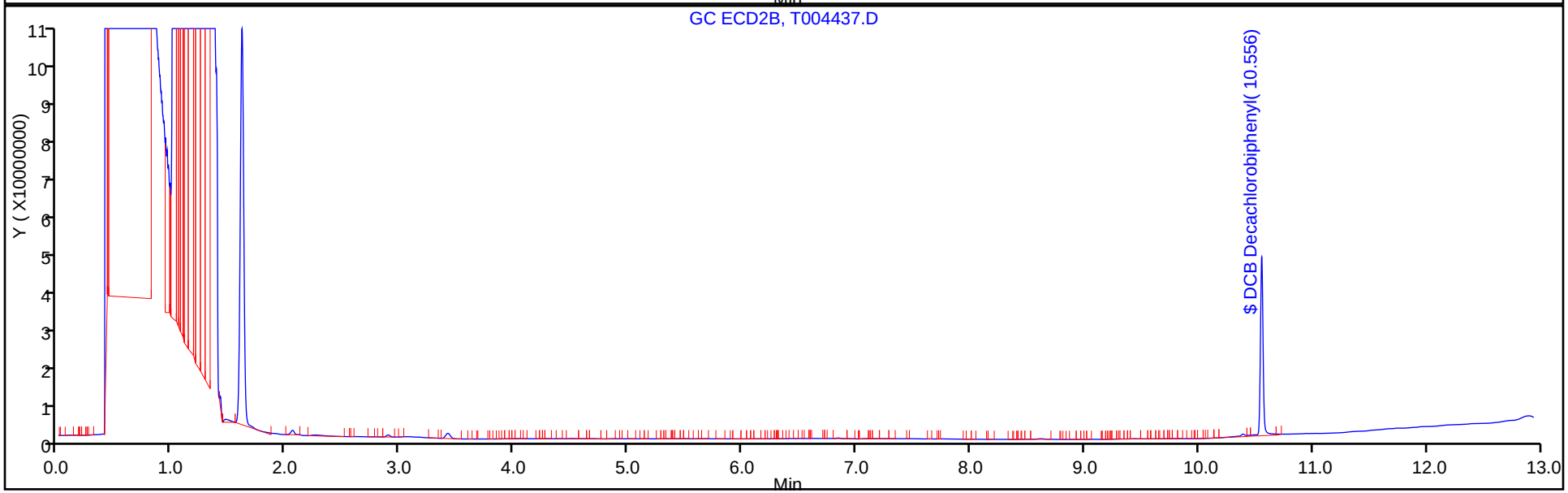
Report Date: 11-Mar-2014 10:54:38 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004437.D

Injection Date:	11-Mar-2014 05:25:46	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-28-A	Lab Sample ID:	460-72174-28	Worklist Smp#:	52
Client ID:	FB-030614				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	52
Method:	8082GC11	Limit Group:	GC 8082 PCB		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-WT Lab Sample ID: 460-72174-29

Matrix: Solid Lab File ID: T004452.D

Analysis Method: 8082 Date Collected: 03/06/2014 12:35

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.01(g) Date Analyzed: 03/11/2014 11:18

Con. Extract Vol.: 10(mL) Dilution Factor: 2500

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211839 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	1500000		190000	42000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X*	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004452.D
Lims ID: 460-72174-F-29-A Lab Sample ID: 460-72174-29
Client ID: PMP-24SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 11:18:31 ALS Bottle#: 67 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 2500.0000
Sample Info: 460-0010710-012
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 14:11:29 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 13:20:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.063	3.065	-0.002	5001308	742.8	
1	3.790	3.792	-0.002	9951553	747.0	
1	4.626	4.627	-0.001	20731730	803.9	M
1	4.874	4.876	-0.002	8875398	855.2	M
1	6.423	6.424	-0.001	7493648	793.1	M
		Average of Peak Amounts =			788.4	
2	2.034	2.035	-0.001	21148719	770.6	M
2	2.470	2.472	-0.002	40627883	785.8	M
2	3.066	3.065	0.001	80170743	746.9	M
2	3.255	3.257	-0.002	33843007	784.1	M
2	3.951	3.954	-0.003	29524171	685.6	
		Average of Peak Amounts =			754.6	
				RPD =	4.38	

QC Flag Legend

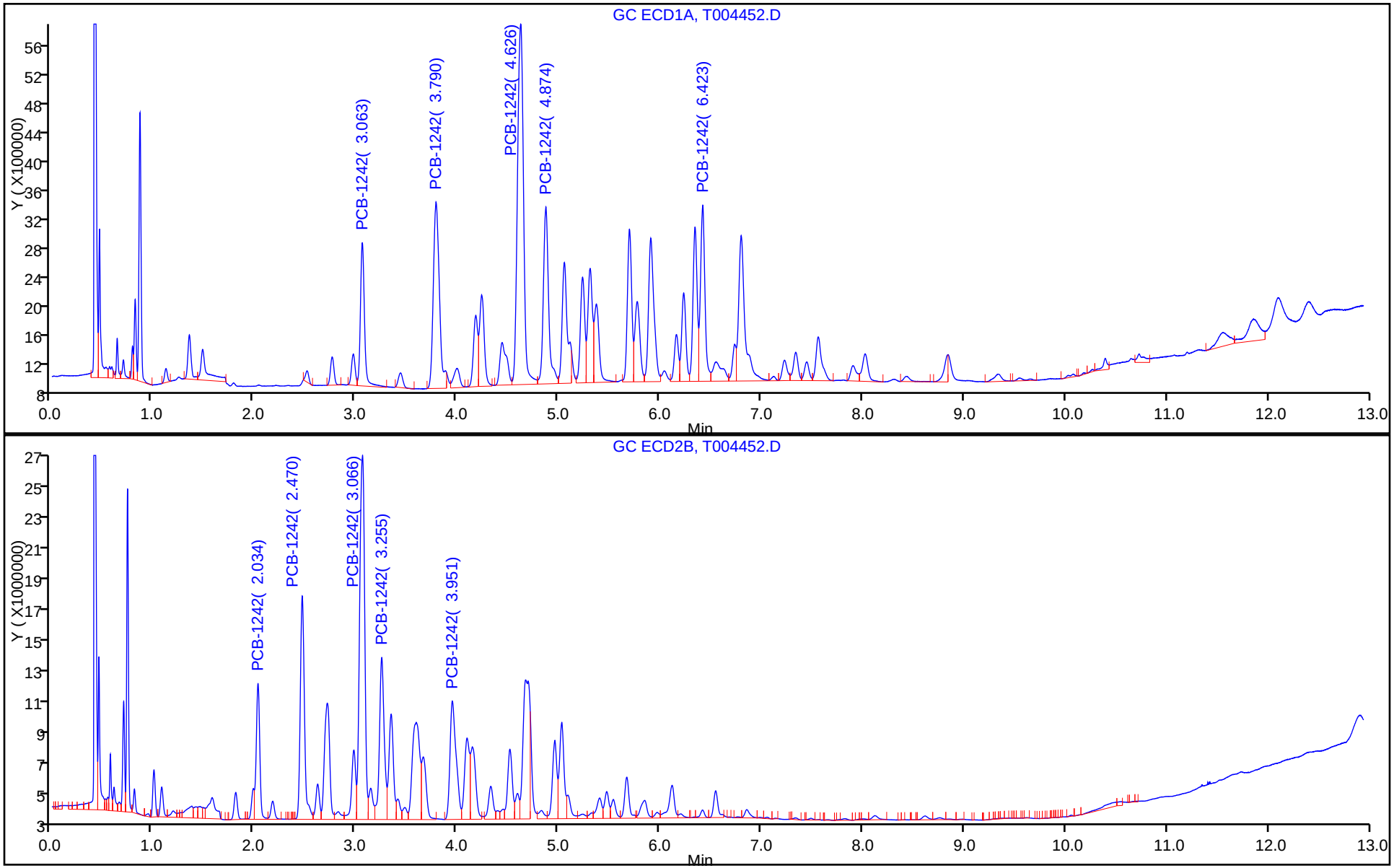
Review Flags
M - Manually Integrated

Report Date: 11-Mar-2014 14:12:04 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004452.D

Injection Date:	11-Mar-2014 11:18:31	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-29-A	Lab Sample ID:	460-72174-29	Worklist Smp#:	12
Client ID:	PMP-24SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	2500.0000	ALS Bottle#:	67
Method:	8082GC11	Limit Group:	GC 8082 PCB		



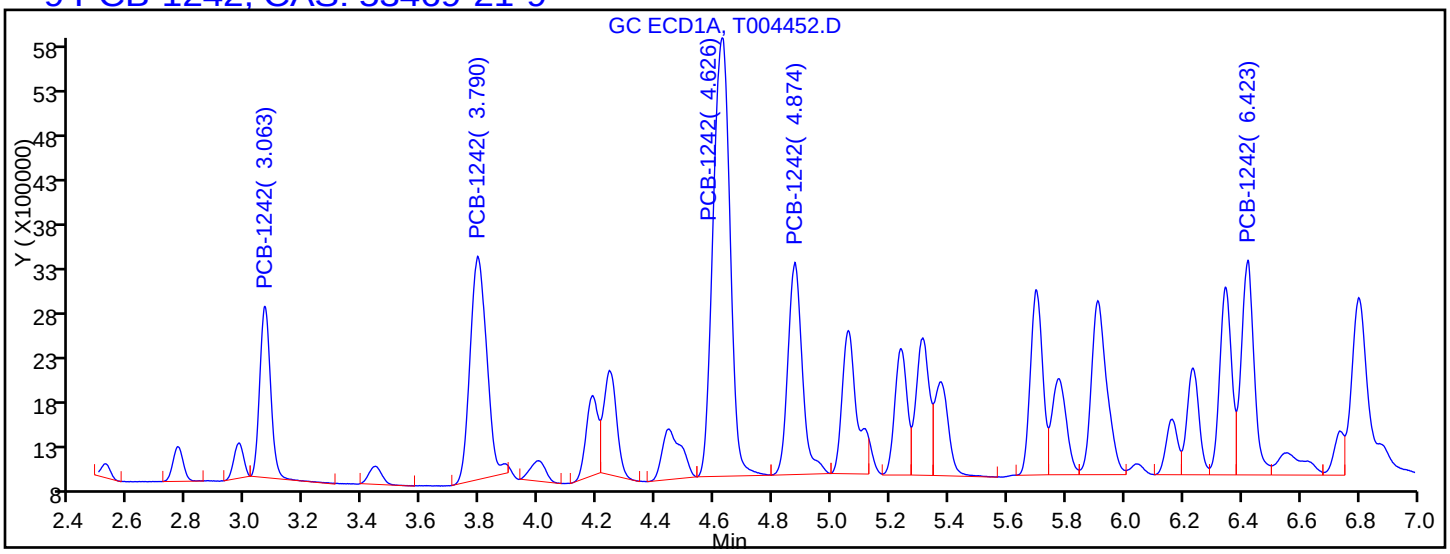
Report Date: 11-Mar-2014 14:12:05 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004452.D

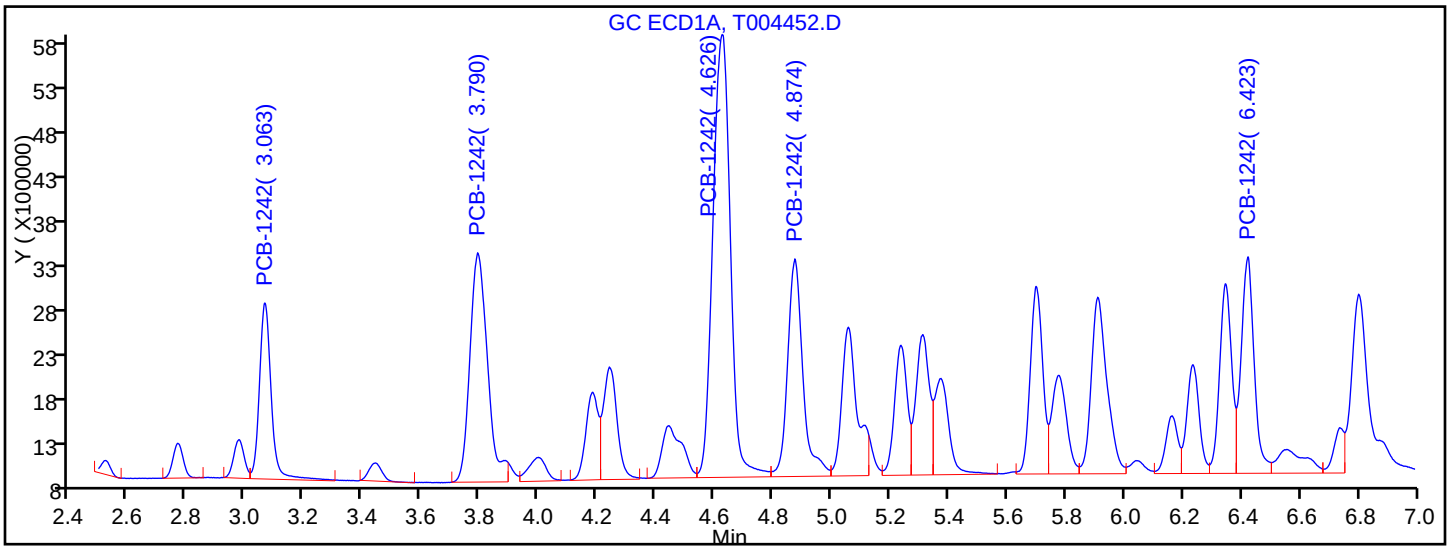
Injection Date:	11-Mar-2014 11:18:31	Instrument ID:	CPESTGC11		
Lims ID:	460-72174-F-29-A	Lab Sample ID:	460-72174-29		
Client ID:	PMP-24SW-WT				
Operator ID:		ALS Bottle#:	67	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	2500.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD1A		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.063	Response = 5001308	
RT = 3.790	Response = 9951553	
RT = 4.626	Response = 19966532	M
RT = 4.874	Response = 8139901	M
RT = 6.423	Response = 7361420	M



Manual Integration Results

RT = 3.063	Response = 5001308	
RT = 3.790	Response = 9951553	
RT = 4.626	Response = 20731730	M
RT = 4.874	Response = 8875398	M
RT = 6.423	Response = 7493648	M

Reviewer: patelji, 11-Mar-2014 13:20:06

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-WT Lab Sample ID: 460-72174-29

Matrix: Solid Lab File ID: T004452.D

Analysis Method: 8082 Date Collected: 03/06/2014 12:35

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.01(g) Date Analyzed: 03/11/2014 11:18

Con. Extract Vol.: 10(mL) Dilution Factor: 2500

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211839 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	42000	U	190000	42000
11104-28-2	Aroclor 1221	42000	U	190000	42000
11141-16-5	Aroclor 1232	42000	U	190000	42000
12672-29-6	Aroclor 1248	42000	U	190000	42000
11097-69-1	Aroclor 1254	53000	U	190000	53000
11096-82-5	Aroclor 1260	53000	U	190000	53000
37324-23-5	Aroclor 1262	53000	U	190000	53000
11100-14-4	Aroclor 1268	53000	U	190000	53000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004452.D
Lims ID: 460-72174-F-29-A Lab Sample ID: 460-72174-29
Client ID: PMP-24SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 11:18:31 ALS Bottle#: 67 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 2500.0000
Sample Info: 460-0010710-012
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 14:11:29 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 13:20:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.063	3.065	-0.002	5001308	742.8	
1	3.790	3.792	-0.002	9951553	747.0	
1	4.626	4.627	-0.001	20731730	803.9	M
1	4.874	4.876	-0.002	8875398	855.2	M
1	6.423	6.424	-0.001	7493648	793.1	M
		Average of Peak Amounts =			788.4	
2	2.034	2.035	-0.001	21148719	770.6	M
2	2.470	2.472	-0.002	40627883	785.8	M
2	3.066	3.065	0.001	80170743	746.9	M
2	3.255	3.257	-0.002	33843007	784.1	M
2	3.951	3.954	-0.003	29524171	685.6	
		Average of Peak Amounts =			754.6	
				RPD =	4.38	

QC Flag Legend

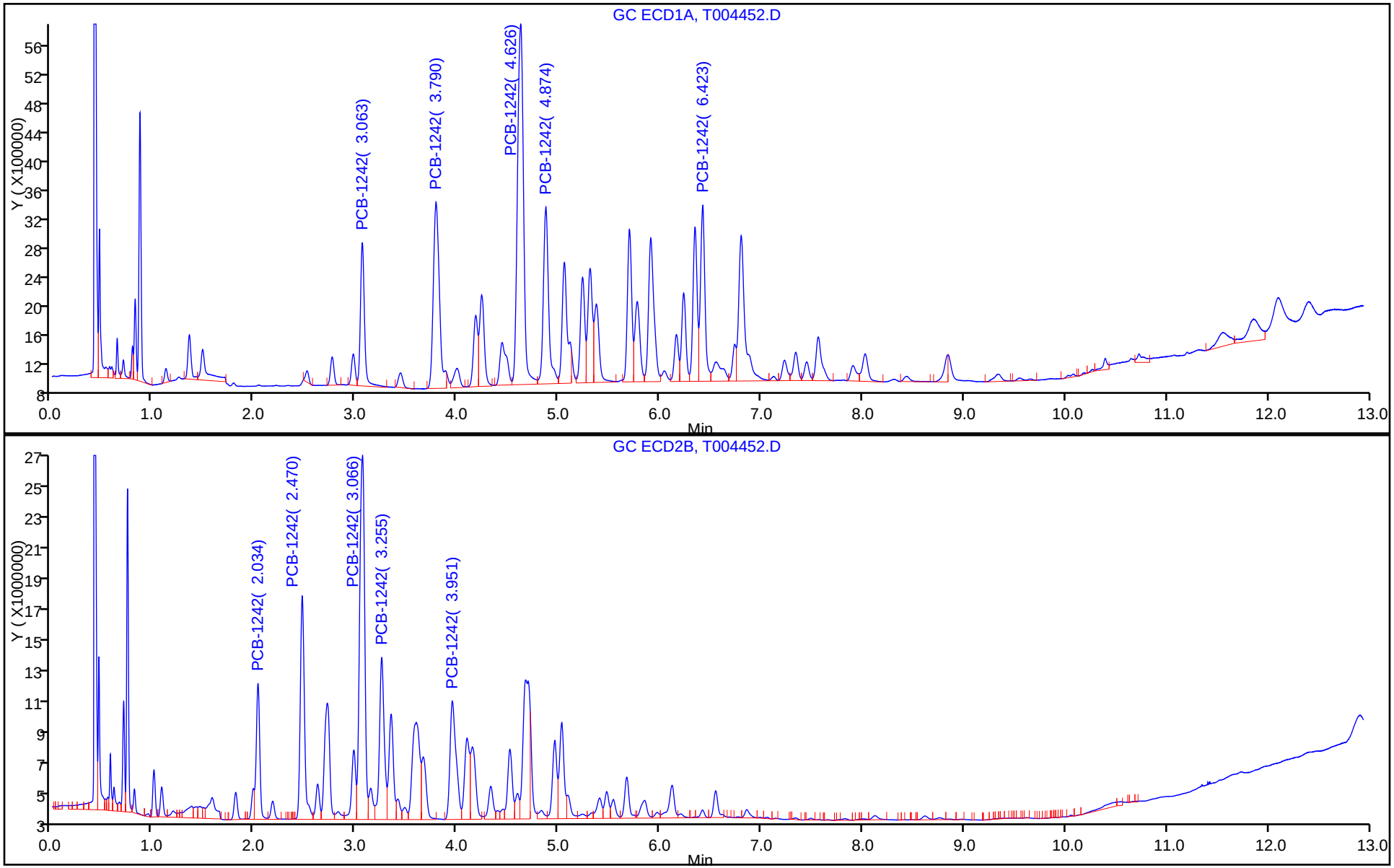
Review Flags
M - Manually Integrated

Report Date: 11-Mar-2014 14:12:05 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004452.D

Injection Date:	11-Mar-2014 11:18:31	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-29-A	Lab Sample ID:	460-72174-29	Worklist Smp#:	12
Client ID:	PMP-24SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	2500.0000	ALS Bottle#:	67
Method:	8082GC11	Limit Group:	GC 8082 PCB		



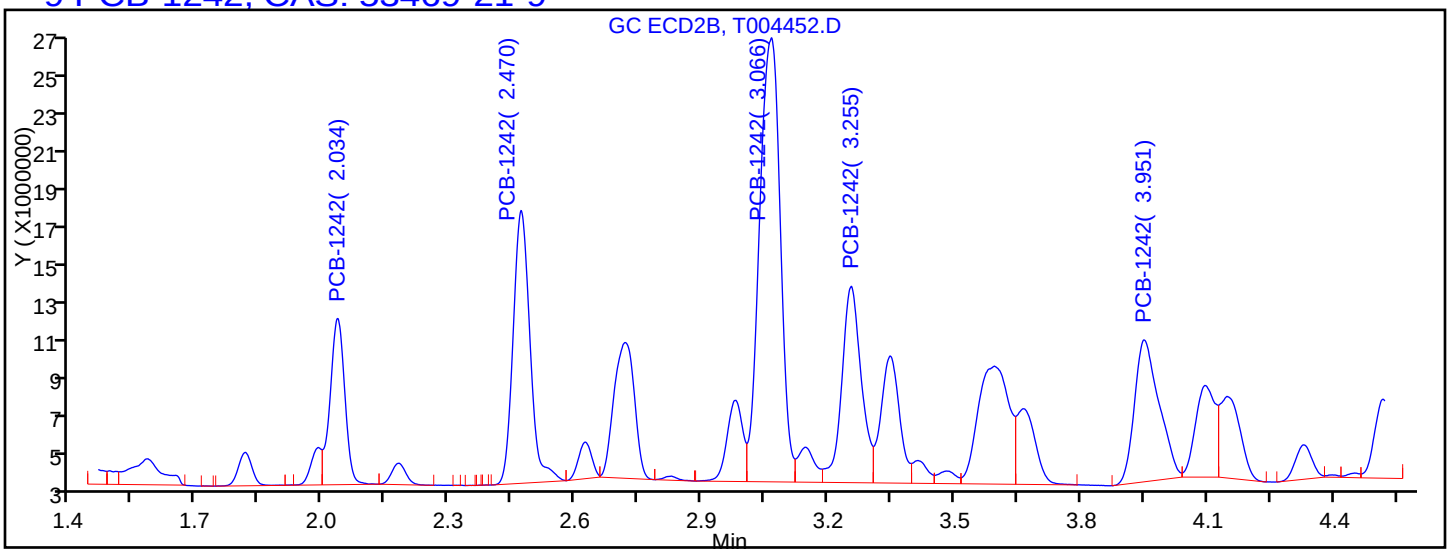
Report Date: 11-Mar-2014 14:12:05 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004452.D

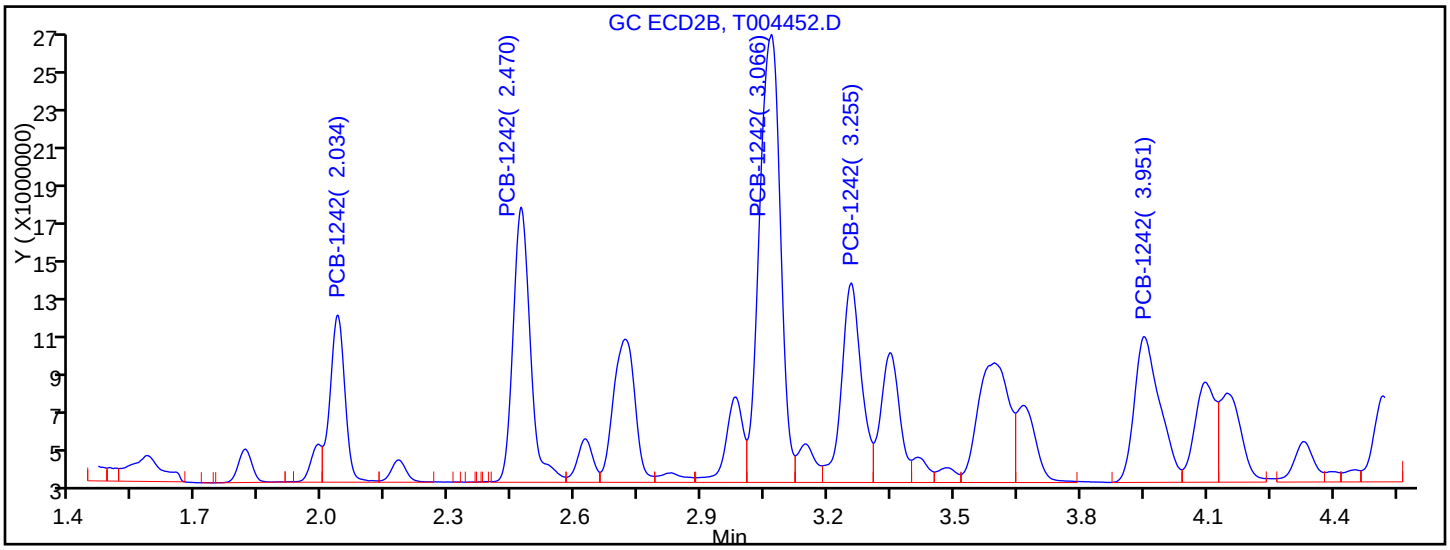
Injection Date:	11-Mar-2014 11:18:31	Instrument ID:	CPESTGC11		
Lims ID:	460-72174-F-29-A	Lab Sample ID:	460-72174-29		
Client ID:	PMP-24SW-WT				
Operator ID:		ALS Bottle#:	67	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	2500.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.034	Response = 20746469	M
RT = 2.470	Response = 39148732	M
RT = 3.066	Response = 78802107	M
RT = 3.255	Response = 32680049	M
RT = 3.951	Response = 29524171	



Manual Integration Results

RT = 2.034	Response = 21148719	M
RT = 2.470	Response = 40627883	M
RT = 3.066	Response = 80170743	M
RT = 3.255	Response = 33843007	M
RT = 3.951	Response = 29524171	

Reviewer: patelji, 11-Mar-2014 13:20:06

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-SI Lab Sample ID: 460-72174-30

Matrix: Solid Lab File ID: T004453.D

Analysis Method: 8082 Date Collected: 03/06/2014 12:40

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.05(g) Date Analyzed: 03/11/2014 11:37

Con. Extract Vol.: 10(mL) Dilution Factor: 1000

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211839 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	1000000		76000	17000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X*	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004453.D
Lims ID: 460-72174-F-30-A Lab Sample ID: 460-72174-30
Client ID: PMP-24SW-SI
Sample Type: Client
Inject. Date: 11-Mar-2014 11:37:25 ALS Bottle#: 68 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1000.0000
Sample Info: 460-0010710-013
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 14:11:29 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:57:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.064	3.065	-0.001	8279999	1229.8	
1	3.790	3.792	-0.002	18217689	1367.5	
1	4.628	4.627	0.001	35339658	1370.4	
1	4.876	4.876	0.0	14358236	1383.4	
1	6.422	6.424	-0.002	12763399	1350.8	
		Average of Peak Amounts =			1340.4	
2	2.036	2.035	0.001	33508364	1220.9	M
2	2.472	2.472	0.0	66505231	1286.3	M
2	3.066	3.065	0.001	135290993	1260.4	M
2	3.256	3.257	-0.001	55693546	1290.3	M
2	3.954	3.954	0.0	53464063	1241.4	M
		Average of Peak Amounts =			1259.9	
				RPD =	6.19	

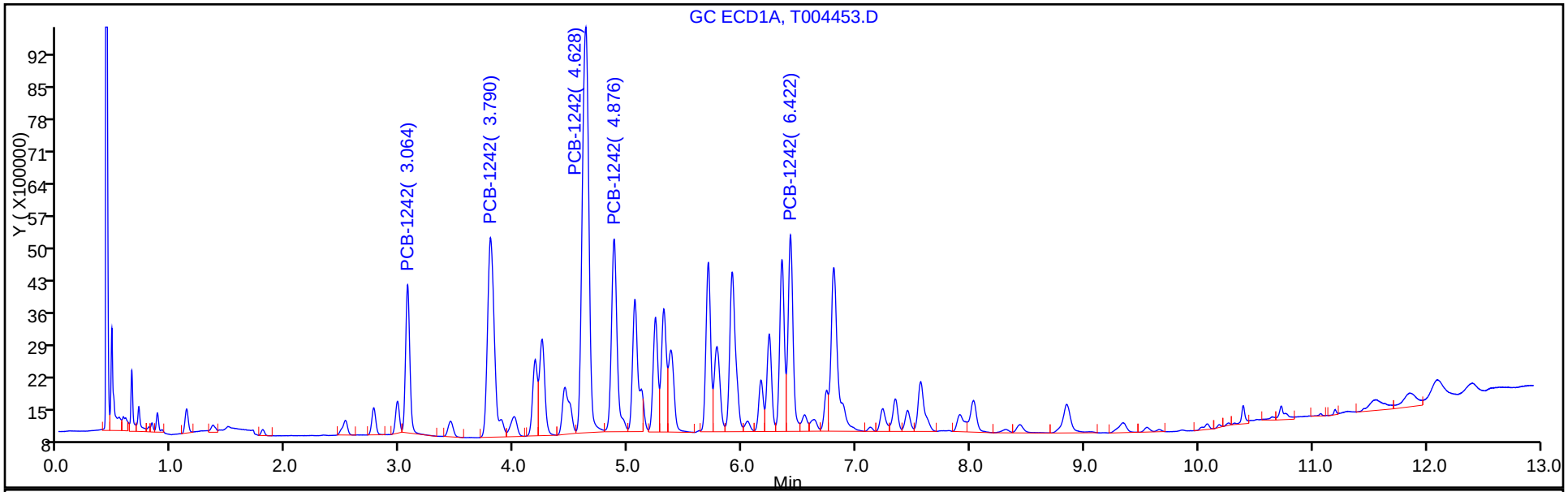
QC Flag Legend

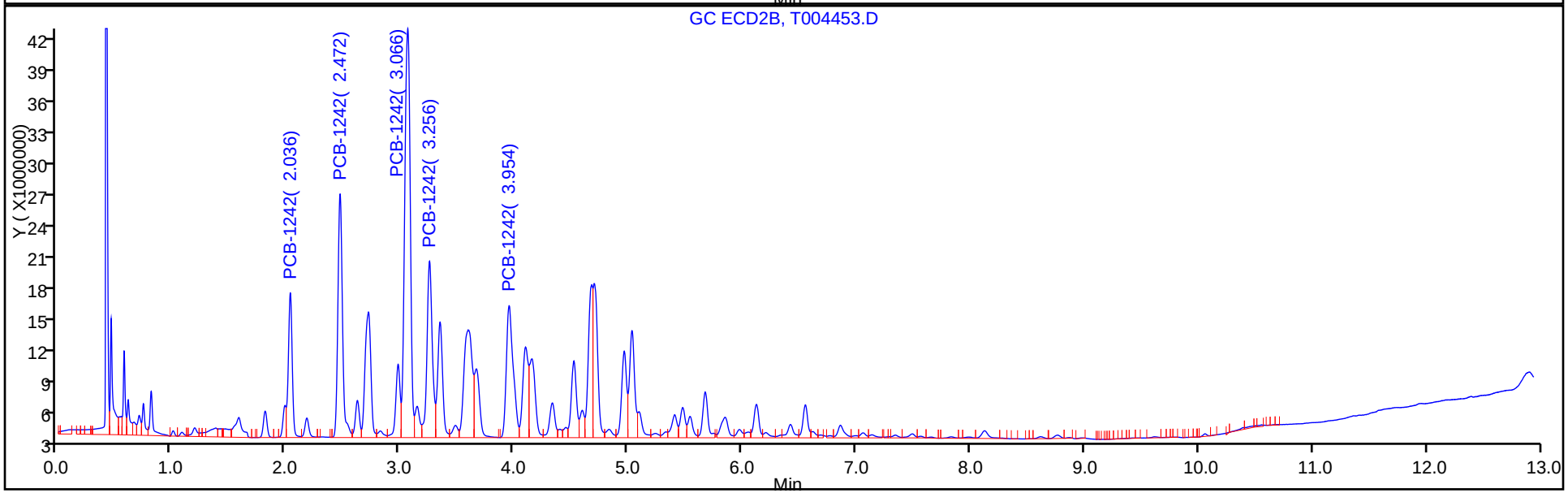
Review Flags
M - Manually Integrated

Report Date: 11-Mar-2014 14:12:06 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004453.D				
Injection Date:	11-Mar-2014 11:37:25	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-30-A	Lab Sample ID:	460-72174-30	Worklist Smp#:	13
Client ID:	PMP-24SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	1000.0000	ALS Bottle#:	68
Method:	8082GC11	Limit Group:	GC 8082 PCB		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-SI Lab Sample ID: 460-72174-30

Matrix: Solid Lab File ID: T004453.D

Analysis Method: 8082 Date Collected: 03/06/2014 12:40

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.05(g) Date Analyzed: 03/11/2014 11:37

Con. Extract Vol.: 10(mL) Dilution Factor: 1000

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211839 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17000	U	76000	17000
11104-28-2	Aroclor 1221	17000	U	76000	17000
11141-16-5	Aroclor 1232	17000	U	76000	17000
12672-29-6	Aroclor 1248	17000	U	76000	17000
11097-69-1	Aroclor 1254	22000	U	76000	22000
11096-82-5	Aroclor 1260	22000	U	76000	22000
37324-23-5	Aroclor 1262	22000	U	76000	22000
11100-14-4	Aroclor 1268	22000	U	76000	22000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004453.D
Lims ID: 460-72174-F-30-A Lab Sample ID: 460-72174-30
Client ID: PMP-24SW-SI
Sample Type: Client
Inject. Date: 11-Mar-2014 11:37:25 ALS Bottle#: 68 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1000.0000
Sample Info: 460-0010710-013
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 14:11:29 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:57:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.064	3.065	-0.001	8279999	1229.8	
1	3.790	3.792	-0.002	18217689	1367.5	
1	4.628	4.627	0.001	35339658	1370.4	
1	4.876	4.876	0.0	14358236	1383.4	
1	6.422	6.424	-0.002	12763399	1350.8	
		Average of Peak Amounts =			1340.4	
2	2.036	2.035	0.001	33508364	1220.9	M
2	2.472	2.472	0.0	66505231	1286.3	M
2	3.066	3.065	0.001	135290993	1260.4	M
2	3.256	3.257	-0.001	55693546	1290.3	M
2	3.954	3.954	0.0	53464063	1241.4	M
		Average of Peak Amounts =			1259.9	
				RPD =	6.19	

QC Flag Legend

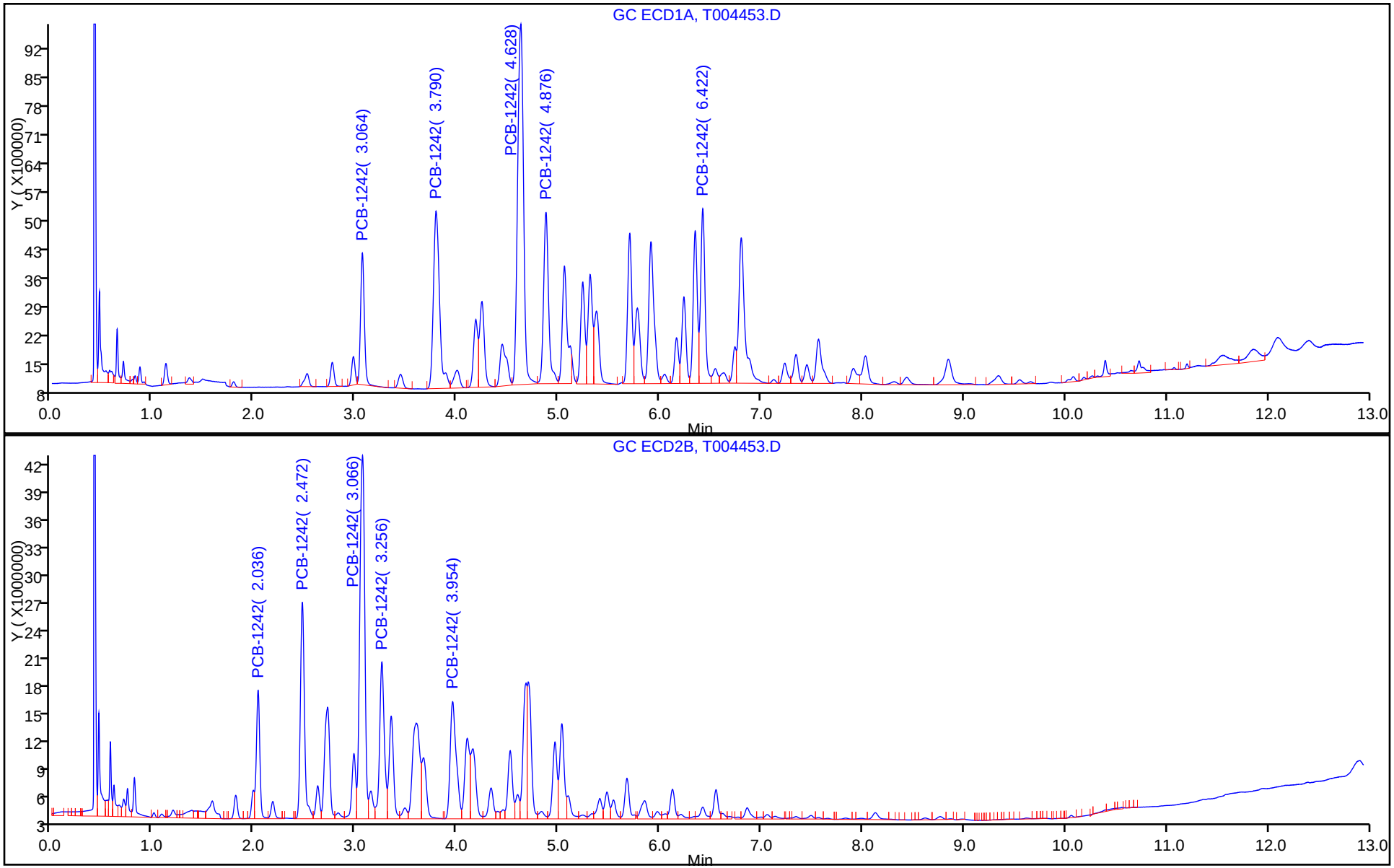
Review Flags
M - Manually Integrated

Report Date: 11-Mar-2014 14:12:07 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004453.D

Injection Date:	11-Mar-2014 11:37:25	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-30-A	Lab Sample ID:	460-72174-30	Worklist Smp#:	13
Client ID:	PMP-24SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	1000.0000	ALS Bottle#:	68
Method:	8082GC11	Limit Group:	GC 8082 PCB		



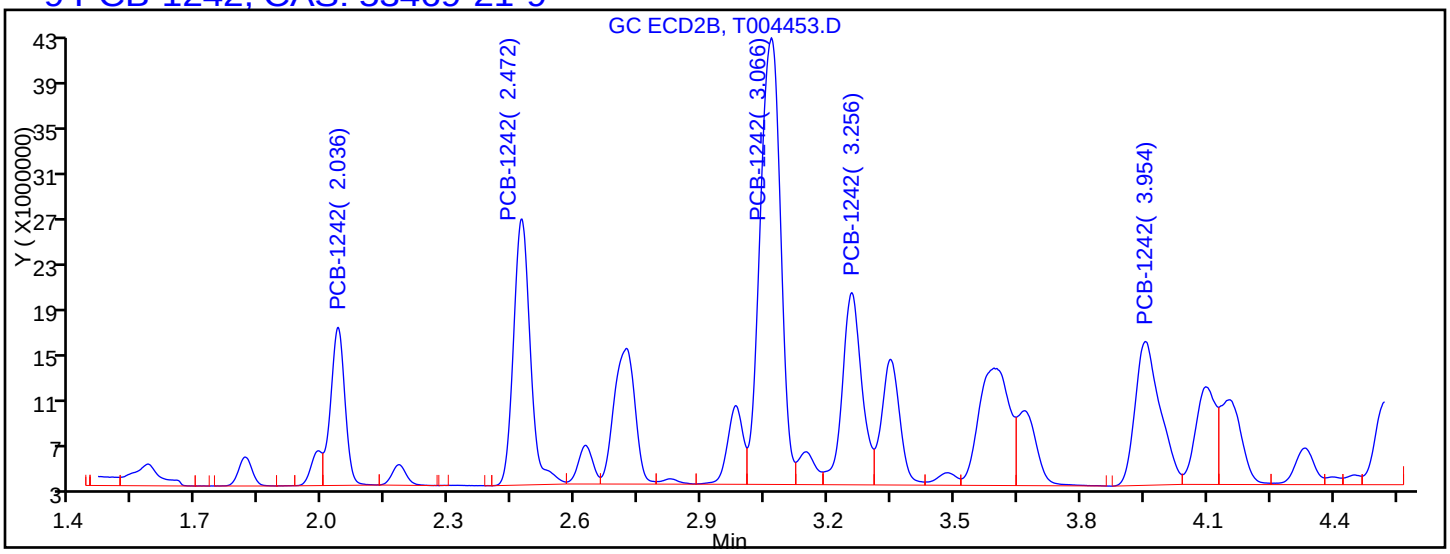
Report Date: 11-Mar-2014 14:12:07 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004453.D

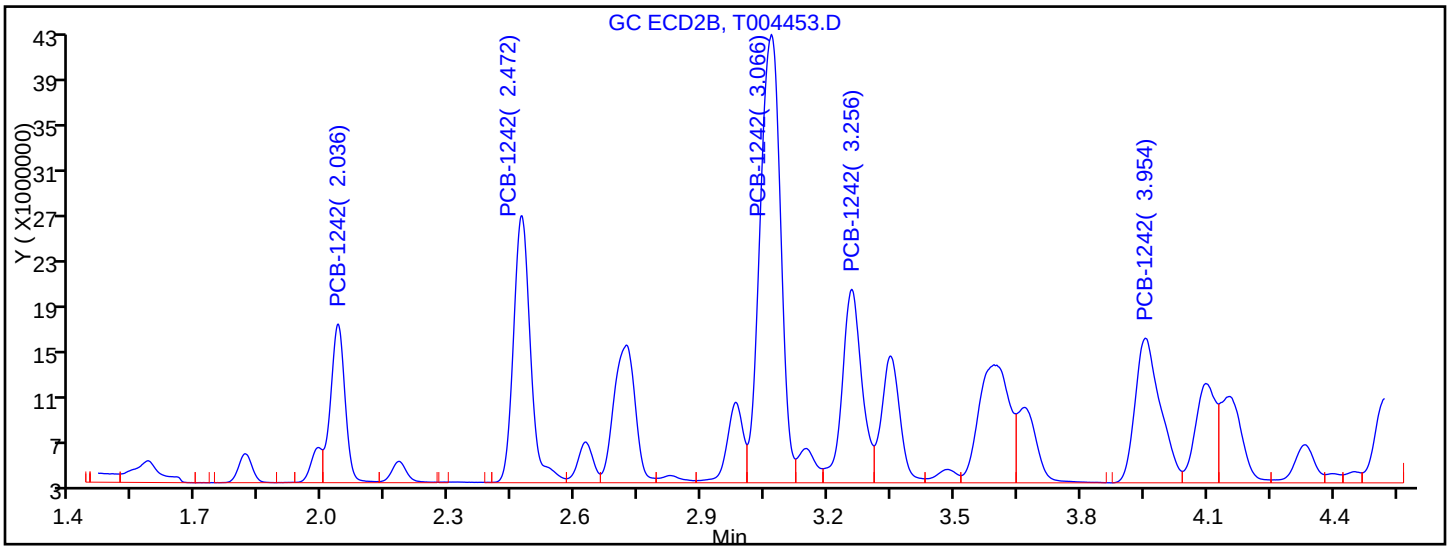
Injection Date:	11-Mar-2014 11:37:25	Instrument ID:	CPESTGC11		
Lims ID:	460-72174-F-30-A	Lab Sample ID:	460-72174-30		
Client ID:	PMP-24SW-SI				
Operator ID:		ALS Bottle#:	68	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1000.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.036	Response = 33012624	M
RT = 2.472	Response = 65418563	M
RT = 3.066	Response = 134289460	M
RT = 3.256	Response = 54863561	M
RT = 3.954	Response = 52719198	M



Manual Integration Results

RT = 2.036	Response = 33508364	M
RT = 2.472	Response = 66505231	M
RT = 3.066	Response = 135290993	M
RT = 3.256	Response = 55693546	M
RT = 3.954	Response = 53464063	M

Reviewer: patelji, 11-Mar-2014 13:19:35

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-VD Lab Sample ID: 460-72174-31

Matrix: Solid Lab File ID: T004446.D

Analysis Method: 8082 Date Collected: 03/06/2014 13:50

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.01(g) Date Analyzed: 03/11/2014 09:24

Con. Extract Vol.: 10(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 7.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211839 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	3800		360	81

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004446.D
Lims ID: 460-72174-F-31-A Lab Sample ID: 460-72174-31
Client ID: PMP-7SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 09:24:35 ALS Bottle#: 61 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0010710-006
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 14:11:29 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 10:45:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.063	3.065	-0.002	3787232	562.5	
1	3.793	3.792	0.001	10901286	818.3	
1	4.631	4.627	0.004	36816819	1427.6	
1	4.872	4.876	-0.004	9039025	870.9	
1	6.421	6.424	-0.003	15001939	1587.7	
		Average of Peak Amounts =			1053.4	
2	2.035	2.035	0.0	17949895	654.0	
2	2.471	2.472	-0.001	44228630	855.4	M
2	3.069	3.065	0.004	141291030	1316.3	M
2	3.257	3.257	0.0	34522093	799.8	M
2	3.954	3.954	0.0	59220983	1375.1	
		Average of Peak Amounts =			1000.1	
					RPD = 5.19	
$ 5 DCB Decachlorobiphenyl						M
1	11.642	11.636	0.006	3577311	11.1	M
2	10.555	10.555	0.0	13623073	11.2	M
					RPD = 0.47	

QC Flag Legend

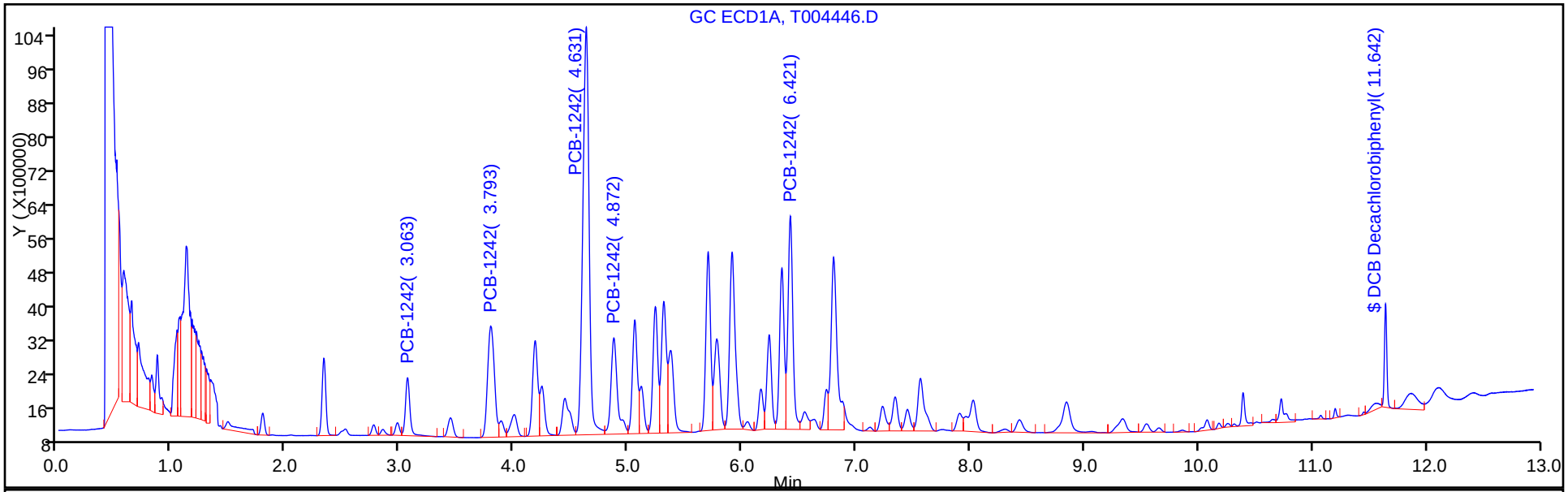
Review Flags
M - Manually Integrated

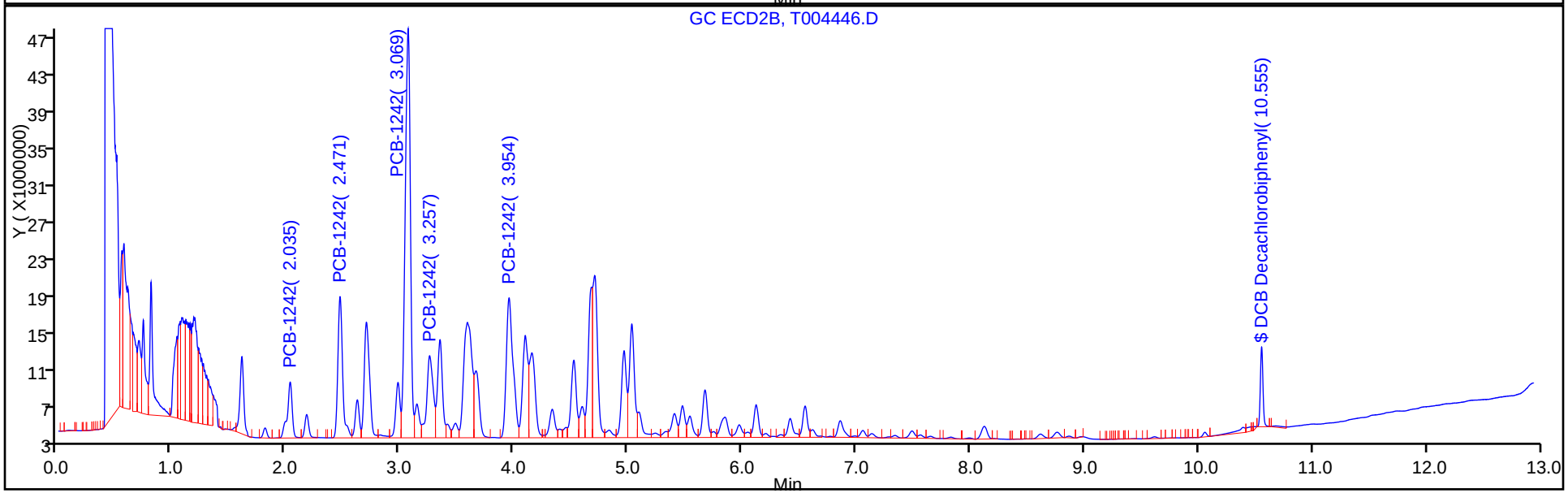
Report Date: 11-Mar-2014 14:11:49 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004446.D

Injection Date:	11-Mar-2014 09:24:35	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-31-A	Lab Sample ID:	460-72174-31	Worklist Smp#:	6
Client ID:	PMP-7SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	61
Method:	8082GC11	Limit Group:	GC 8082 PCB		





Manual Integration/User Assign Peak Report

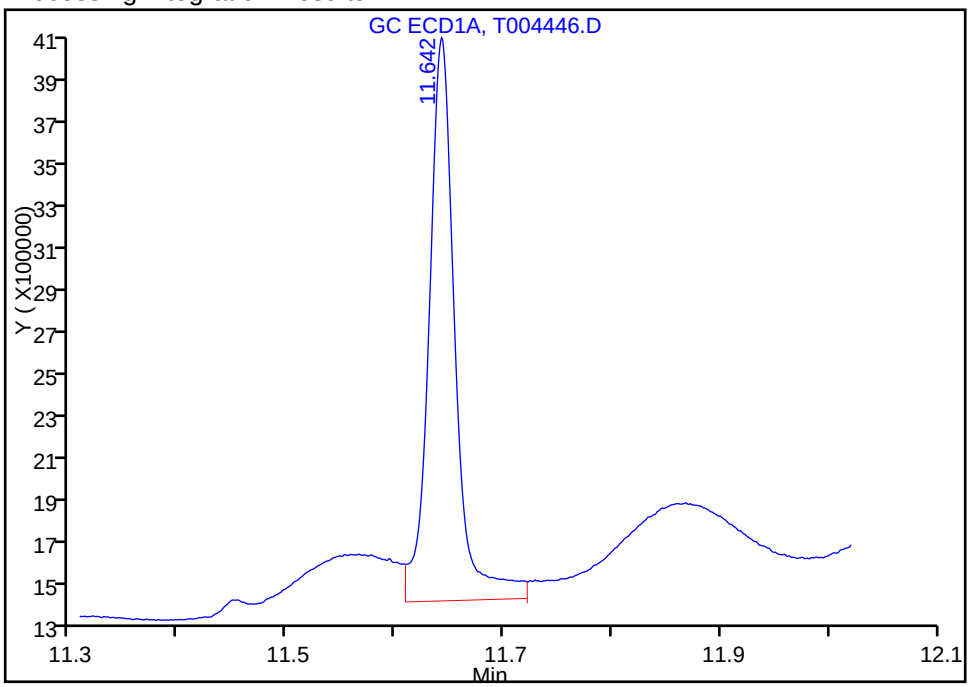
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004446.D				
Injection Date:	11-Mar-2014 09:24:35	Instrument ID:	CPESTGC11		
Lims ID:	460-72174-F-31-A	Lab Sample ID:	460-72174-31		
Client ID:	PMP-7SW-VD				
Operator ID:		ALS Bottle#:	61	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD1A		

$ 5 DCB Decachlorobiphenyl, CAS: 2051-24-3

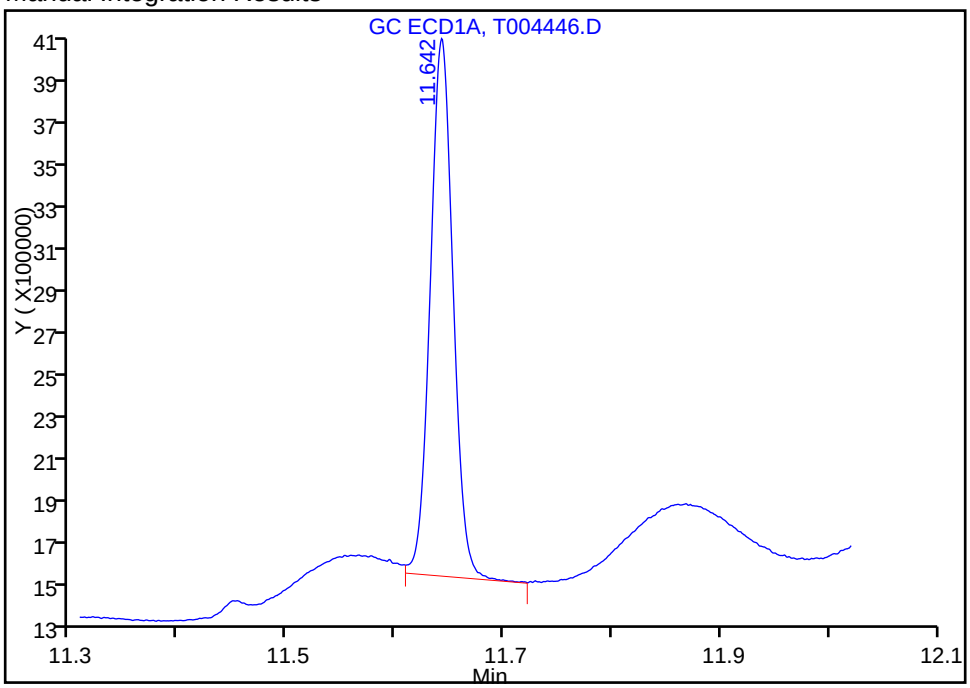
Processing Integration Results

RT: 11.64
Response: 4276564
Amount: 13.293126



Manual Integration Results

RT: 11.64
Response: 3577311
Amount: 11.119592



Reviewer: patelji, 11-Mar-2014 10:49:56
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-VD Lab Sample ID: 460-72174-31

Matrix: Solid Lab File ID: T004446.D

Analysis Method: 8082 Date Collected: 03/06/2014 13:50

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.01(g) Date Analyzed: 03/11/2014 09:24

Con. Extract Vol.: 10(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 7.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211839 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	81	U	360	81
11104-28-2	Aroclor 1221	81	U	360	81
11141-16-5	Aroclor 1232	81	U	360	81
12672-29-6	Aroclor 1248	81	U	360	81
11097-69-1	Aroclor 1254	100	U	360	100
11096-82-5	Aroclor 1260	100	U	360	100
37324-23-5	Aroclor 1262	100	U	360	100
11100-14-4	Aroclor 1268	100	U	360	100

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004446.D
Lims ID: 460-72174-F-31-A Lab Sample ID: 460-72174-31
Client ID: PMP-7SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 09:24:35 ALS Bottle#: 61 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0010710-006
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 14:11:29 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 10:45:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.063	3.065	-0.002	3787232	562.5	
1	3.793	3.792	0.001	10901286	818.3	
1	4.631	4.627	0.004	36816819	1427.6	
1	4.872	4.876	-0.004	9039025	870.9	
1	6.421	6.424	-0.003	15001939	1587.7	
		Average of Peak Amounts =			1053.4	
2	2.035	2.035	0.0	17949895	654.0	
2	2.471	2.472	-0.001	44228630	855.4	M
2	3.069	3.065	0.004	141291030	1316.3	M
2	3.257	3.257	0.0	34522093	799.8	M
2	3.954	3.954	0.0	59220983	1375.1	
		Average of Peak Amounts =			1000.1	
					RPD = 5.19	
$ 5 DCB Decachlorobiphenyl						M
1	11.642	11.636	0.006	3577311	11.1	M
2	10.555	10.555	0.0	13623073	11.2	M
					RPD = 0.47	

QC Flag Legend

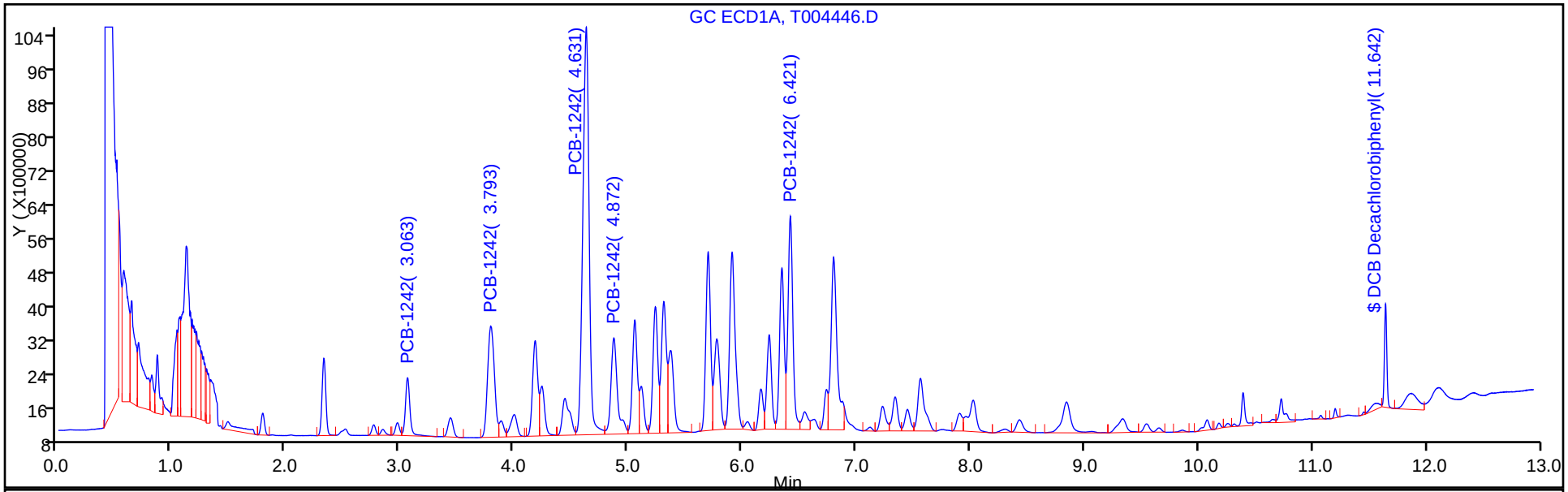
Review Flags
M - Manually Integrated

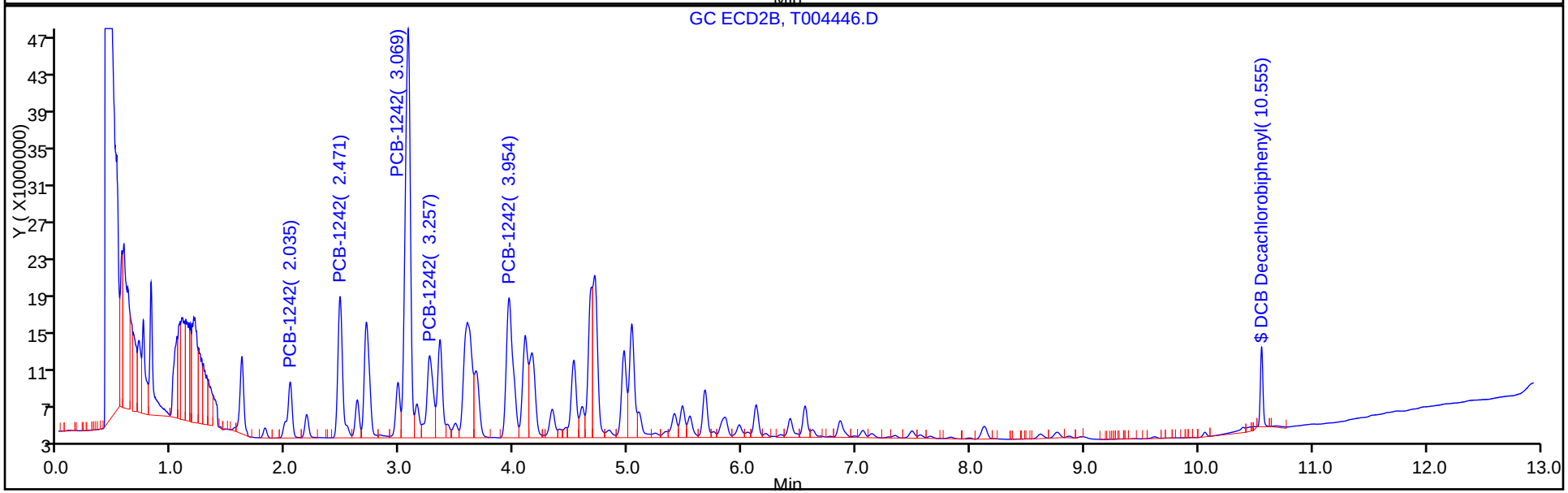
Report Date: 11-Mar-2014 14:11:49 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004446.D

Injection Date:	11-Mar-2014 09:24:35	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-31-A	Lab Sample ID:	460-72174-31	Worklist Smp#:	6
Client ID:	PMP-7SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	61
Method:	8082GC11	Limit Group:	GC 8082 PCB		





Manual Integration/User Assign Peak Report

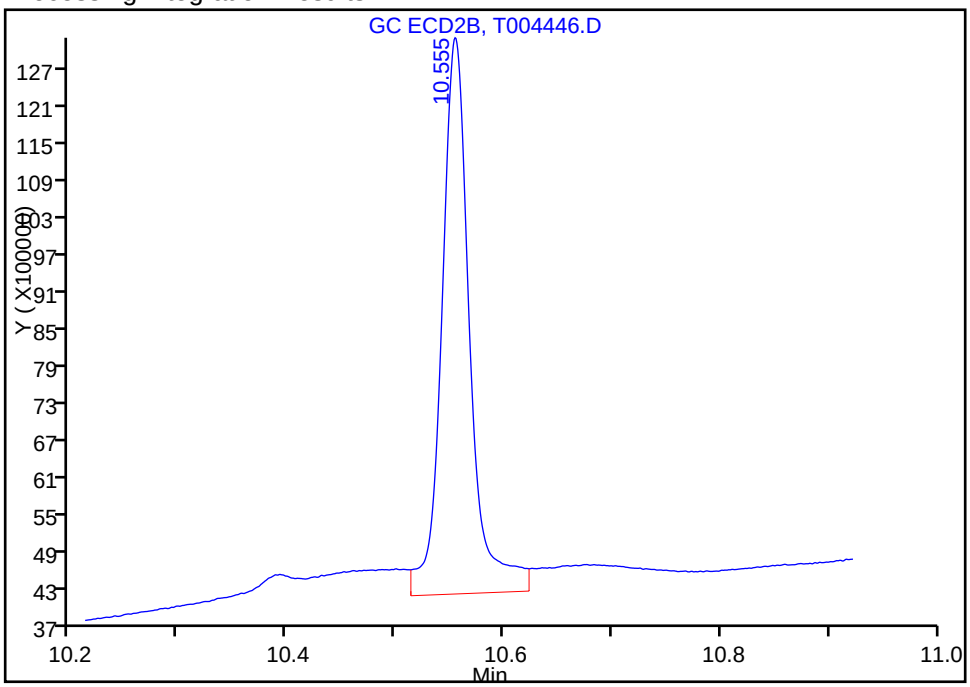
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004446.D				
Injection Date:	11-Mar-2014 09:24:35	Instrument ID:	CPESTGC11		
Lims ID:	460-72174-F-31-A	Lab Sample ID:	460-72174-31		
Client ID:	PMP-7SW-VD				
Operator ID:		ALS Bottle#:	61	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

$ 5 DCB Decachlorobiphenyl, CAS: 2051-24-3

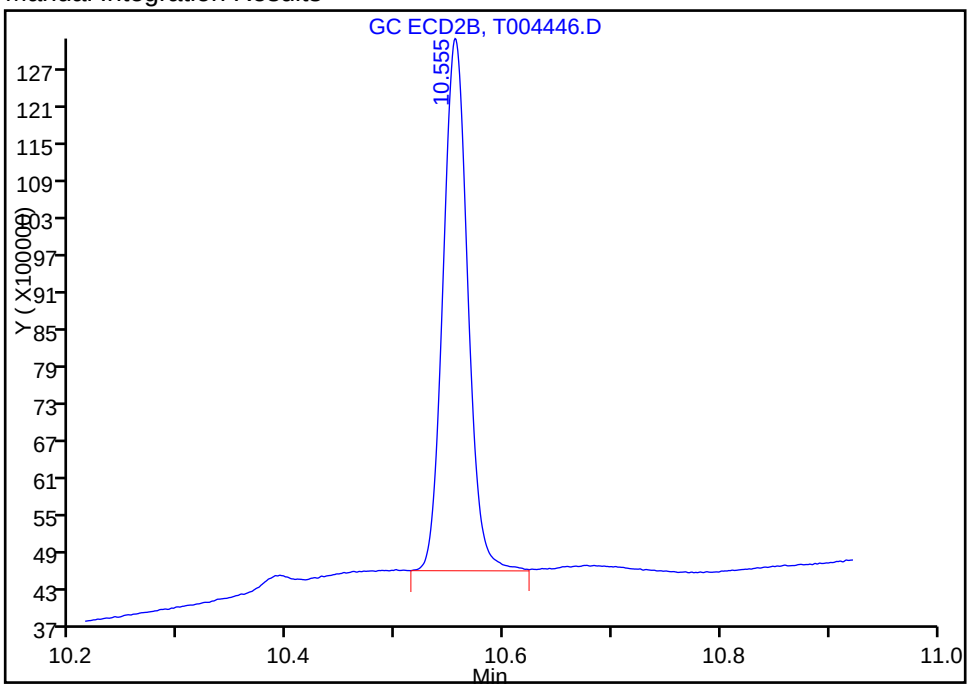
Processing Integration Results

RT: 10.55
Response: 16091735
Amount: 13.196734



Manual Integration Results

RT: 10.55
Response: 13623073
Amount: 11.172199



Reviewer: patelji, 11-Mar-2014 10:49:56
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

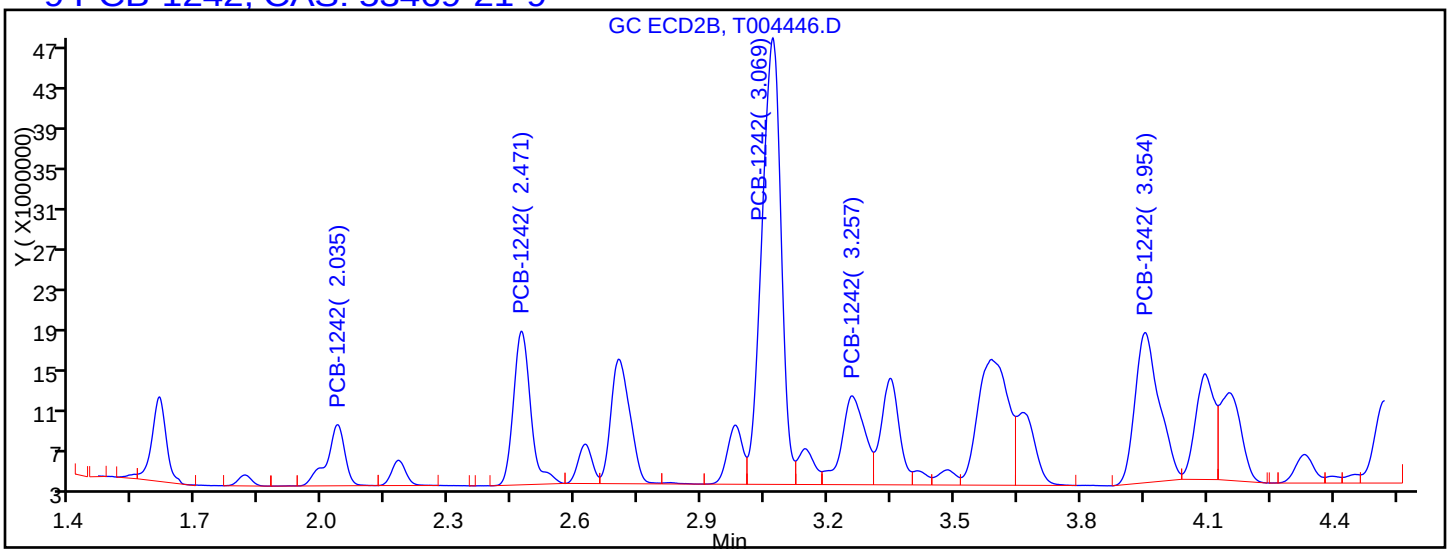
Report Date: 11-Mar-2014 14:11:50 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004446.D

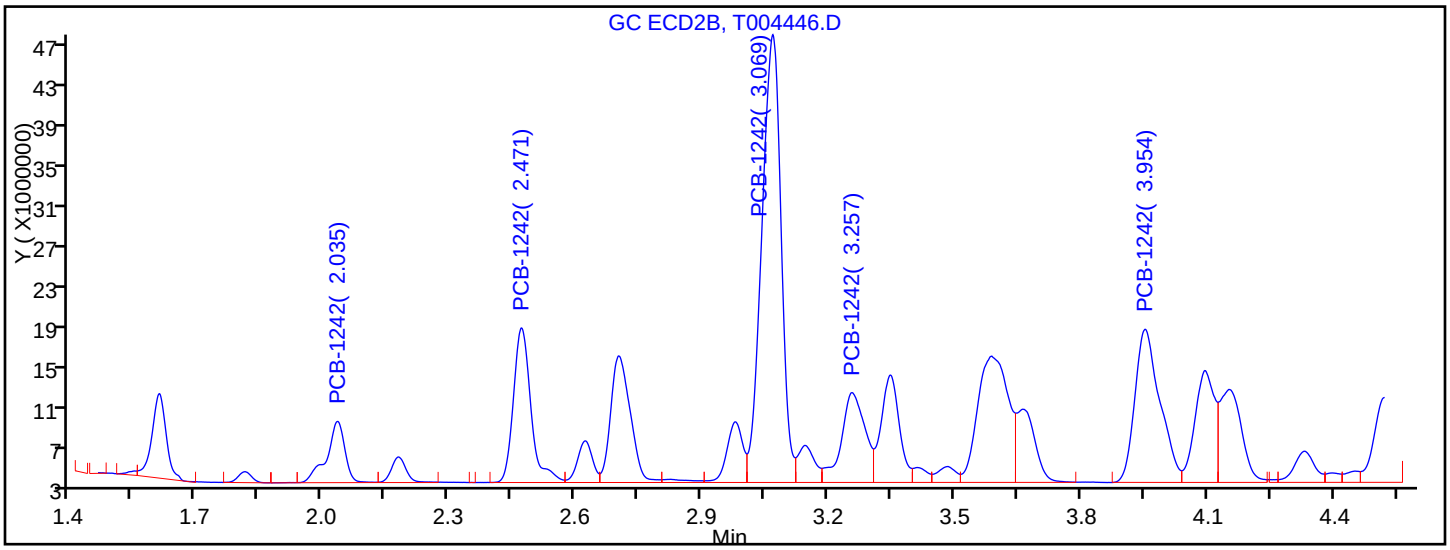
Injection Date:	11-Mar-2014 09:24:35	Instrument ID:	CPESTGC11		
Lims ID:	460-72174-F-31-A	Lab Sample ID:	460-72174-31		
Client ID:	PMP-7SW-VD				
Operator ID:		ALS Bottle#:	61	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.035	Response = 17949895	
RT = 2.471	Response = 42976415	M
RT = 3.069	Response = 140356220	M
RT = 3.257	Response = 33749377	M
RT = 3.954	Response = 59220983	



Manual Integration Results

RT = 2.035	Response = 17949895	
RT = 2.471	Response = 44228630	M
RT = 3.069	Response = 141291030	M
RT = 3.257	Response = 34522093	M
RT = 3.954	Response = 59220983	

Reviewer: patelji, 11-Mar-2014 10:49:56

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-WI Lab Sample ID: 460-72174-32

Matrix: Solid Lab File ID: T004454.D

Analysis Method: 8082 Date Collected: 03/06/2014 13:55

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.03(g) Date Analyzed: 03/11/2014 12:00

Con. Extract Vol.: 10(mL) Dilution Factor: 200

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211839 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	230000		15000	3300
11096-82-5	Aroclor 1260	17000		15000	4200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X*	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004454.D
Lims ID: 460-72174-F-32-A Lab Sample ID: 460-72174-32
Client ID: PMP-7SW-WI
Sample Type: Client
Inject. Date: 11-Mar-2014 12:00:26 ALS Bottle#: 69 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 200.0000
Sample Info: 460-0010710-014
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 14:11:29 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 13:19:19

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.068	3.065	0.003	10133114	1505.1	
1	3.797	3.792	0.005	19333024	1451.3	
1	4.634	4.627	0.007	41776523	1620.0	
1	4.881	4.876	0.005	16673471	1606.5	
1	6.427	6.424	0.003	15563962	1647.2	
		Average of Peak Amounts =			1566.0	
2	2.034	2.035	-0.001	38660424	1408.6	M
2	2.471	2.472	-0.001	73969484	1430.7	M
2	3.065	3.065	0.0	153967474	1434.4	M
2	3.255	3.257	-0.002	63104995	1462.0	M
2	3.953	3.954	-0.001	58665203	1362.2	
		Average of Peak Amounts =			1419.6	
					RPD = 9.81	
10 PCB-1260						
1	0.0	7.957	-7.957	0	0	
1	8.436	8.423	0.013	3470281	137.3	
1	10.078	10.075	0.003	2320991	121.4	
1	10.395	10.391	0.004	4547249	109.1	
1	11.204	11.198	0.006	1168961	107.9	
		Average of Peak Amounts =			118.9	
2	5.973	5.972	0.001	10267165	149.7	M
2	7.488	7.486	0.002	8191174	116.4	M
2	8.127	8.121	0.006	16996818	111.7	M
2	8.765	8.760	0.005	8982882	111.9	M
2	10.058	10.058	0.0	3840669	101.3	
		Average of Peak Amounts =			118.2	
					RPD = 0.59	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags

QC Flag Legend

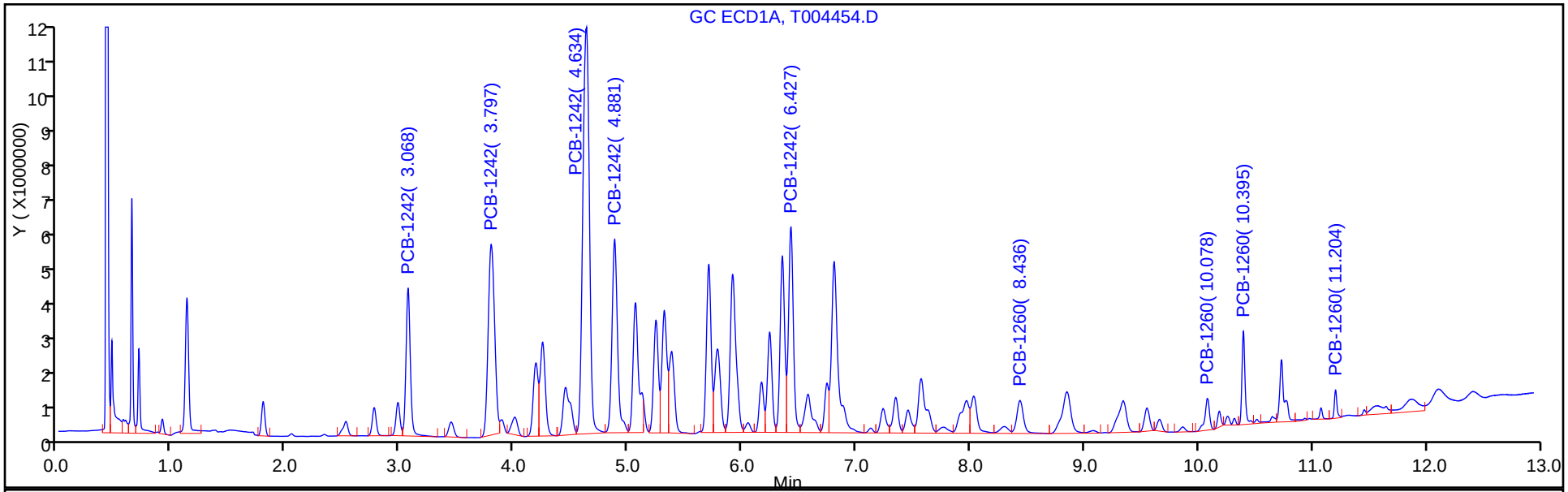
Review Flags
M - Manually Integrated

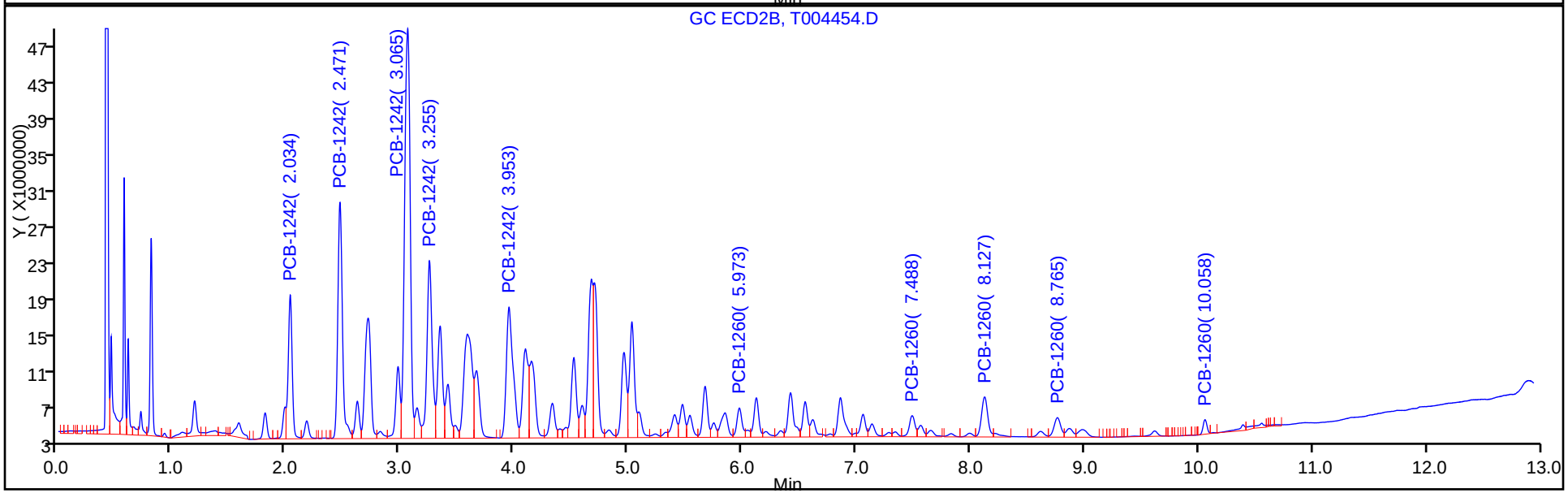
Report Date: 11-Mar-2014 14:12:08 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004454.D

Injection Date:	11-Mar-2014 12:00:26	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-32-A	Lab Sample ID:	460-72174-32	Worklist Smp#:	14
Client ID:	PMP-7SW-WI				
Injection Vol:	1.0 ul	Dil. Factor:	200.0000	ALS Bottle#:	69
Method:	8082GC11	Limit Group:	GC 8082 PCB		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-WI Lab Sample ID: 460-72174-32

Matrix: Solid Lab File ID: T004454.D

Analysis Method: 8082 Date Collected: 03/06/2014 13:55

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.03(g) Date Analyzed: 03/11/2014 12:00

Con. Extract Vol.: 10(mL) Dilution Factor: 200

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211839 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	3300	U	15000	3300
11104-28-2	Aroclor 1221	3300	U	15000	3300
11141-16-5	Aroclor 1232	3300	U	15000	3300
12672-29-6	Aroclor 1248	3300	U	15000	3300
11097-69-1	Aroclor 1254	4200	U	15000	4200
37324-23-5	Aroclor 1262	4200	U	15000	4200
11100-14-4	Aroclor 1268	4200	U	15000	4200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004454.D
Lims ID: 460-72174-F-32-A Lab Sample ID: 460-72174-32
Client ID: PMP-7SW-WI
Sample Type: Client
Inject. Date: 11-Mar-2014 12:00:26 ALS Bottle#: 69 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 200.0000
Sample Info: 460-0010710-014
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 14:11:29 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 13:19:19

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.068	3.065	0.003	10133114	1505.1	
1	3.797	3.792	0.005	19333024	1451.3	
1	4.634	4.627	0.007	41776523	1620.0	
1	4.881	4.876	0.005	16673471	1606.5	
1	6.427	6.424	0.003	15563962	1647.2	
		Average of Peak Amounts =			1566.0	
2	2.034	2.035	-0.001	38660424	1408.6	M
2	2.471	2.472	-0.001	73969484	1430.7	M
2	3.065	3.065	0.0	153967474	1434.4	M
2	3.255	3.257	-0.002	63104995	1462.0	M
2	3.953	3.954	-0.001	58665203	1362.2	
		Average of Peak Amounts =			1419.6	
					RPD = 9.81	
10 PCB-1260						
1	0.0	7.957	-7.957	0	0	
1	8.436	8.423	0.013	3470281	137.3	
1	10.078	10.075	0.003	2320991	121.4	
1	10.395	10.391	0.004	4547249	109.1	
1	11.204	11.198	0.006	1168961	107.9	
		Average of Peak Amounts =			118.9	
2	5.973	5.972	0.001	10267165	149.7	M
2	7.488	7.486	0.002	8191174	116.4	M
2	8.127	8.121	0.006	16996818	111.7	M
2	8.765	8.760	0.005	8982882	111.9	M
2	10.058	10.058	0.0	3840669	101.3	
		Average of Peak Amounts =			118.2	
					RPD = 0.59	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags

QC Flag Legend

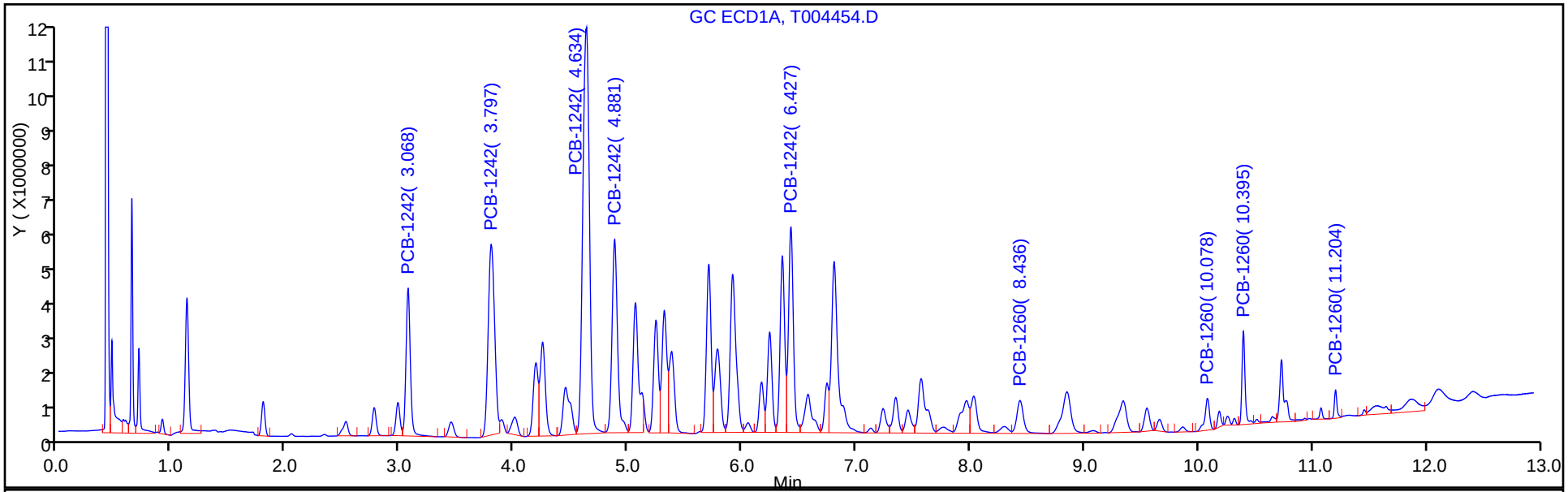
Review Flags
M - Manually Integrated

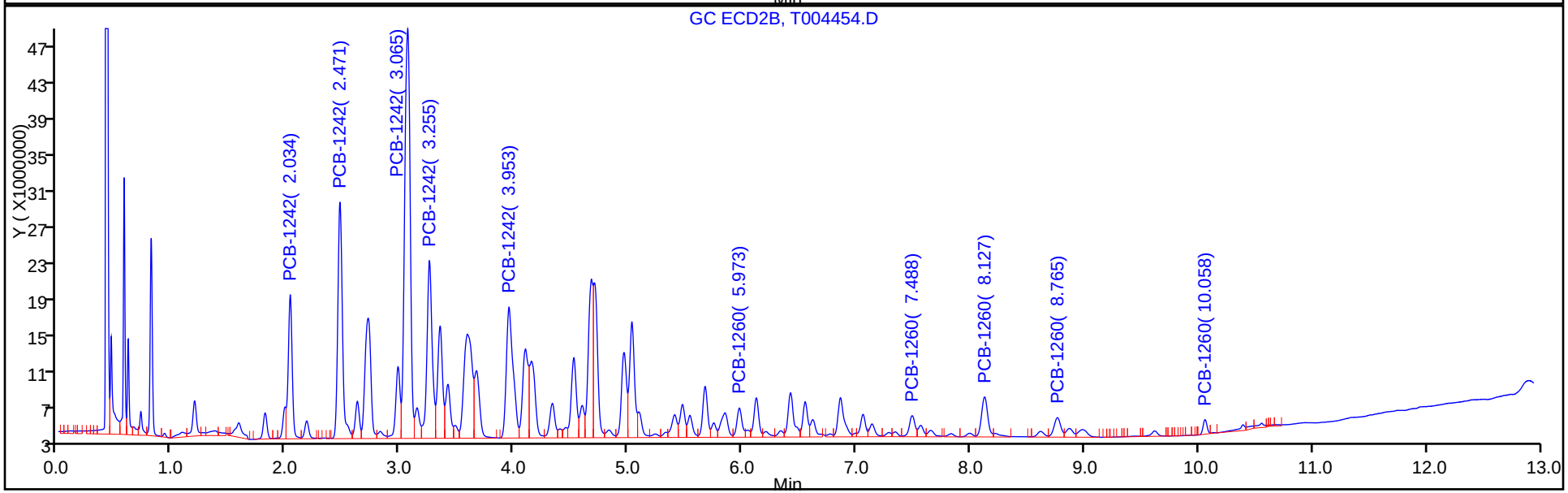
Report Date: 11-Mar-2014 14:12:08 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004454.D

Injection Date:	11-Mar-2014 12:00:26	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-32-A	Lab Sample ID:	460-72174-32	Worklist Smp#:	14
Client ID:	PMP-7SW-WI				
Injection Vol:	1.0 ul	Dil. Factor:	200.0000	ALS Bottle#:	69
Method:	8082GC11	Limit Group:	GC 8082 PCB		





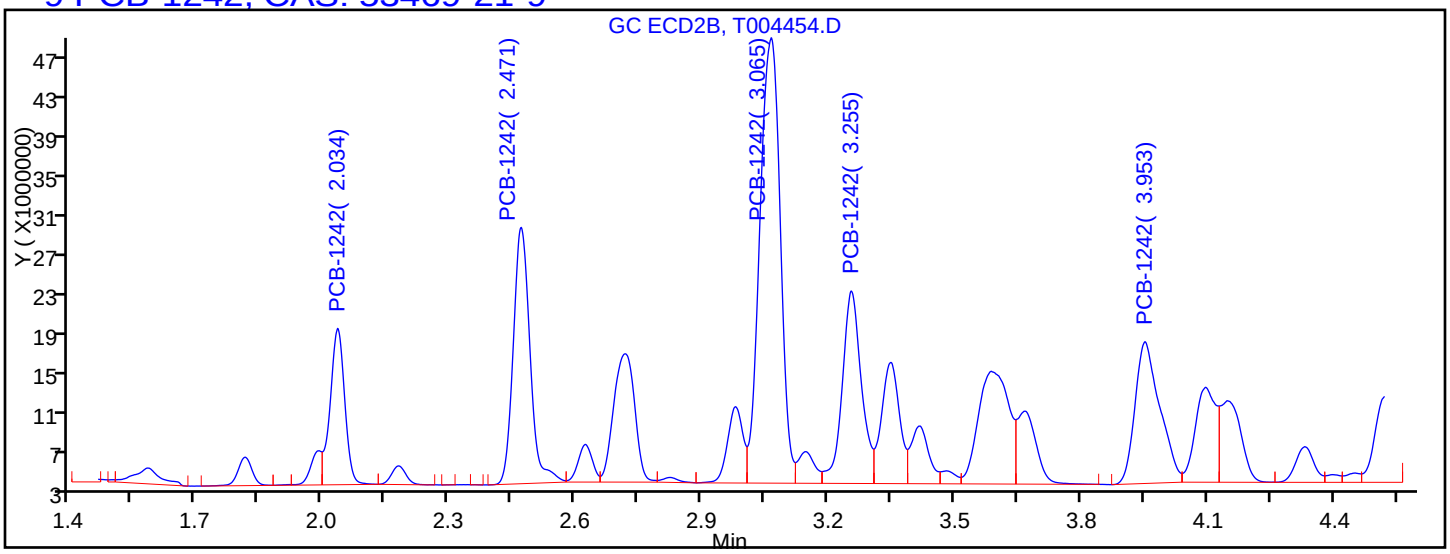
Report Date: 11-Mar-2014 14:12:09 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004454.D

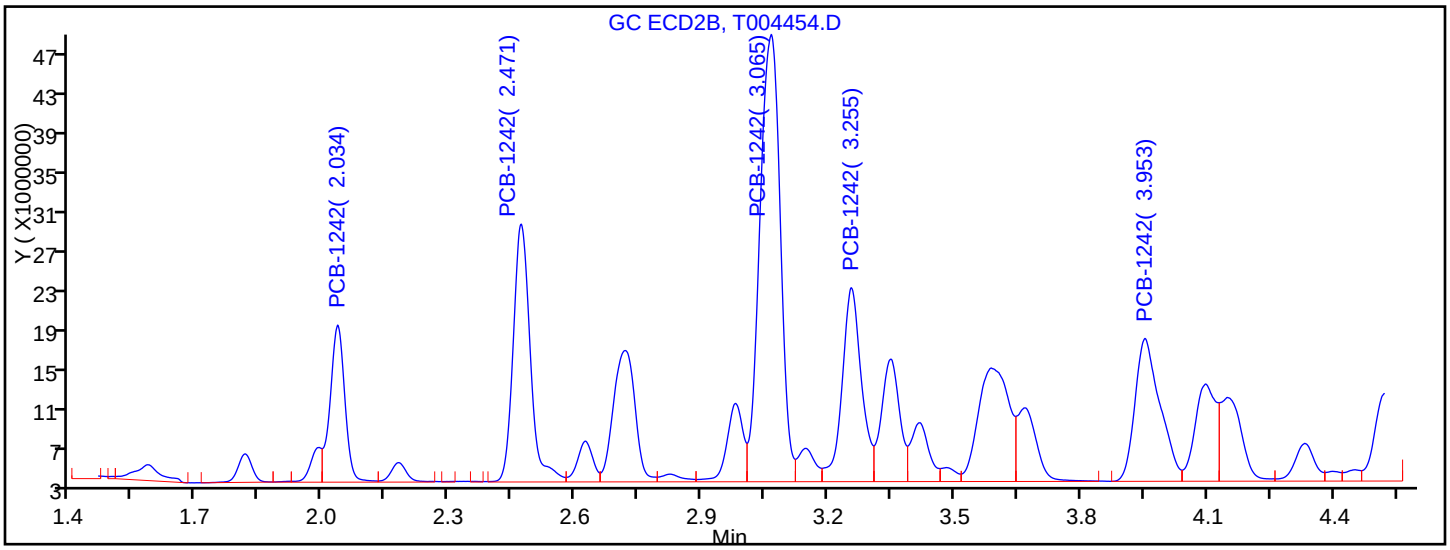
Injection Date:	11-Mar-2014 12:00:26	Instrument ID:	CPESTGC11		
Lims ID:	460-72174-F-32-A	Lab Sample ID:	460-72174-32		
Client ID:	PMP-7SW-WI				
Operator ID:		ALS Bottle#:	69	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	200.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.034	Response = 37982008	M
RT = 2.471	Response = 71977893	M
RT = 3.065	Response = 152657754	M
RT = 3.255	Response = 61976983	M
RT = 3.953	Response = 58665203	



Manual Integration Results

RT = 2.034	Response = 38660424	M
RT = 2.471	Response = 73969484	M
RT = 3.065	Response = 153967474	M
RT = 3.255	Response = 63104995	M
RT = 3.953	Response = 58665203	

Reviewer: patelji, 11-Mar-2014 13:19:19

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-SI Lab Sample ID: 460-72174-33

Matrix: Solid Lab File ID: T004448.D

Analysis Method: 8082 Date Collected: 03/06/2014 14:00

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.03(g) Date Analyzed: 03/11/2014 10:02

Con. Extract Vol.: 10(mL) Dilution Factor: 50

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211839 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	54000		3900	870
11096-82-5	Aroclor 1260	4100		3900	1100

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X*	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004448.D
Lims ID: 460-72174-F-33-A Lab Sample ID: 460-72174-33
Client ID: PMP-7SW-SI
Sample Type: Client
Inject. Date: 11-Mar-2014 10:02:30 ALS Bottle#: 63 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info: 460-0010710-008
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 14:11:29 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 11:33:31

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.064	3.065	-0.001	8974603	1333.0	
1	3.791	3.792	-0.001	18376267	1379.4	M
1	4.627	4.627	0.0	36838625	1428.5	M
1	4.874	4.876	-0.002	14973881	1442.8	M
1	6.423	6.424	-0.001	13355291	1413.4	M
		Average of Peak Amounts =			1399.4	
2	2.034	2.035	-0.001	34917982	1272.2	M
2	2.471	2.472	-0.001	65953689	1275.6	M
2	3.065	3.065	0.0	137170209	1277.9	M
2	3.255	3.257	-0.002	56380890	1306.3	M
2	3.955	3.954	0.001	53378152	1239.4	
		Average of Peak Amounts =			1274.3	
					RPD = 9.36	
10 PCB-1260						
1	0.0	7.957	-7.957	0	0	
1	8.434	8.423	0.011	2966912	117.4	
1	10.078	10.075	0.003	1983815	103.7	
1	10.394	10.391	0.003	3793435	91.0	
1	11.201	11.198	0.003	1192056	110.1	
		Average of Peak Amounts =			105.5	
2	5.974	5.972	0.002	8572805	125.0	M
2	7.490	7.486	0.004	6921023	98.4	M
2	8.126	8.121	0.005	15413834	101.3	M
2	8.764	8.760	0.004	6711518	83.6	
2	10.059	10.058	0.001	3208147	84.6	
		Average of Peak Amounts =			98.6	
					RPD = 6.81	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags

QC Flag Legend

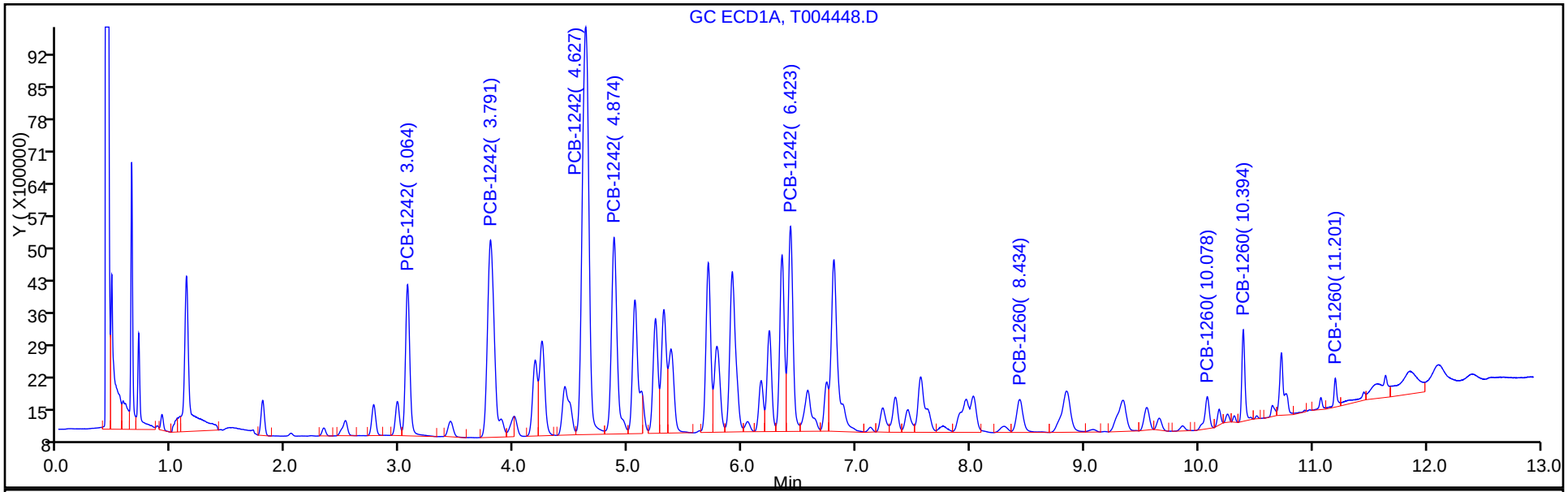
Review Flags
M - Manually Integrated

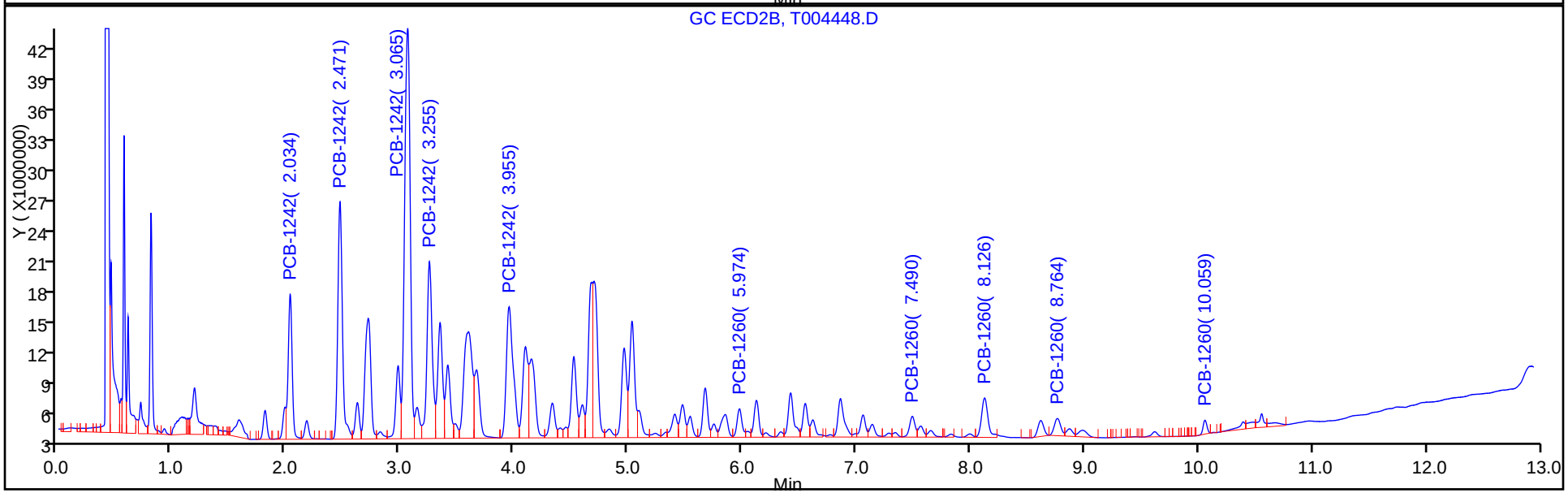
Report Date: 11-Mar-2014 14:11:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004448.D

Injection Date:	11-Mar-2014 10:02:30	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-33-A	Lab Sample ID:	460-72174-33	Worklist Smp#:	8
Client ID:	PMP-7SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	50.0000	ALS Bottle#:	63
Method:	8082GC11	Limit Group:	GC 8082 PCB		





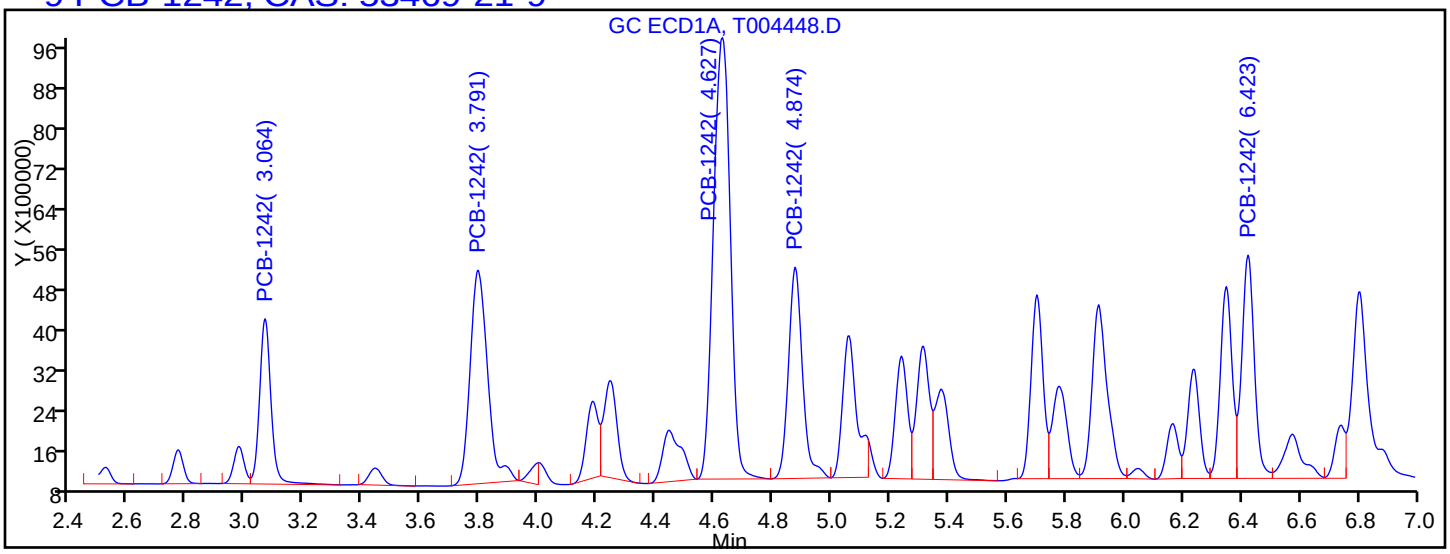
Report Date: 11-Mar-2014 14:11:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004448.D

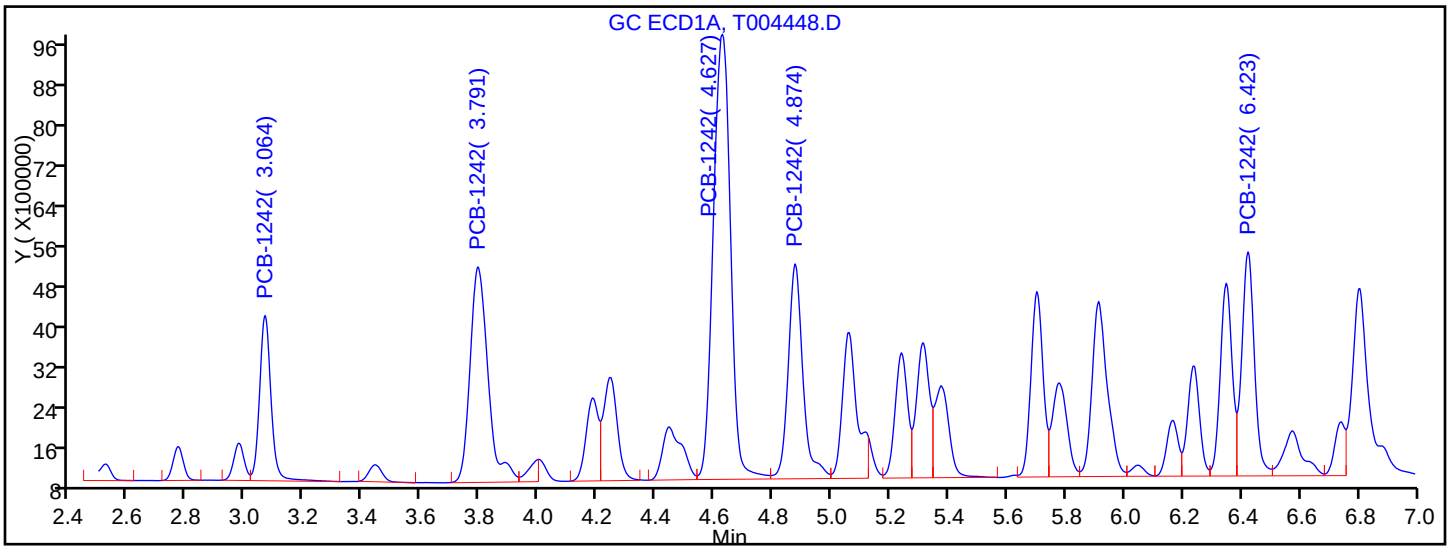
Injection Date:	11-Mar-2014 10:02:30	Instrument ID:	CPESTGC11		
Lims ID:	460-72174-F-33-A	Lab Sample ID:	460-72174-33		
Client ID:	PMP-7SW-SI				
Operator ID:		ALS Bottle#:	63	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD1A		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.064	Response = 8974603	
RT = 3.791	Response = 17704161	M
RT = 4.627	Response = 35335458	M
RT = 4.874	Response = 14067731	M
RT = 6.423	Response = 13236250	M



Manual Integration Results

RT = 3.064	Response = 8974603	
RT = 3.791	Response = 18376267	M
RT = 4.627	Response = 36838625	M
RT = 4.874	Response = 14973881	M
RT = 6.423	Response = 13355291	M

Reviewer: patelji, 11-Mar-2014 11:33:31

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-SI Lab Sample ID: 460-72174-33

Matrix: Solid Lab File ID: T004448.D

Analysis Method: 8082 Date Collected: 03/06/2014 14:00

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.03(g) Date Analyzed: 03/11/2014 10:02

Con. Extract Vol.: 10(mL) Dilution Factor: 50

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211839 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	870	U	3900	870
11104-28-2	Aroclor 1221	870	U	3900	870
11141-16-5	Aroclor 1232	870	U	3900	870
12672-29-6	Aroclor 1248	870	U	3900	870
11097-69-1	Aroclor 1254	1100	U	3900	1100
37324-23-5	Aroclor 1262	1100	U	3900	1100
11100-14-4	Aroclor 1268	1100	U	3900	1100

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004448.D
Lims ID: 460-72174-F-33-A Lab Sample ID: 460-72174-33
Client ID: PMP-7SW-SI
Sample Type: Client
Inject. Date: 11-Mar-2014 10:02:30 ALS Bottle#: 63 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info: 460-0010710-008
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 14:11:29 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 11:33:31

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.064	3.065	-0.001	8974603	1333.0	
1	3.791	3.792	-0.001	18376267	1379.4	M
1	4.627	4.627	0.0	36838625	1428.5	M
1	4.874	4.876	-0.002	14973881	1442.8	M
1	6.423	6.424	-0.001	13355291	1413.4	M
		Average of Peak Amounts =			1399.4	
2	2.034	2.035	-0.001	34917982	1272.2	M
2	2.471	2.472	-0.001	65953689	1275.6	M
2	3.065	3.065	0.0	137170209	1277.9	M
2	3.255	3.257	-0.002	56380890	1306.3	M
2	3.955	3.954	0.001	53378152	1239.4	
		Average of Peak Amounts =			1274.3	
					RPD = 9.36	
10 PCB-1260						
1	0.0	7.957	-7.957	0	0	
1	8.434	8.423	0.011	2966912	117.4	
1	10.078	10.075	0.003	1983815	103.7	
1	10.394	10.391	0.003	3793435	91.0	
1	11.201	11.198	0.003	1192056	110.1	
		Average of Peak Amounts =			105.5	
2	5.974	5.972	0.002	8572805	125.0	M
2	7.490	7.486	0.004	6921023	98.4	M
2	8.126	8.121	0.005	15413834	101.3	M
2	8.764	8.760	0.004	6711518	83.6	
2	10.059	10.058	0.001	3208147	84.6	
		Average of Peak Amounts =			98.6	
					RPD = 6.81	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags

QC Flag Legend

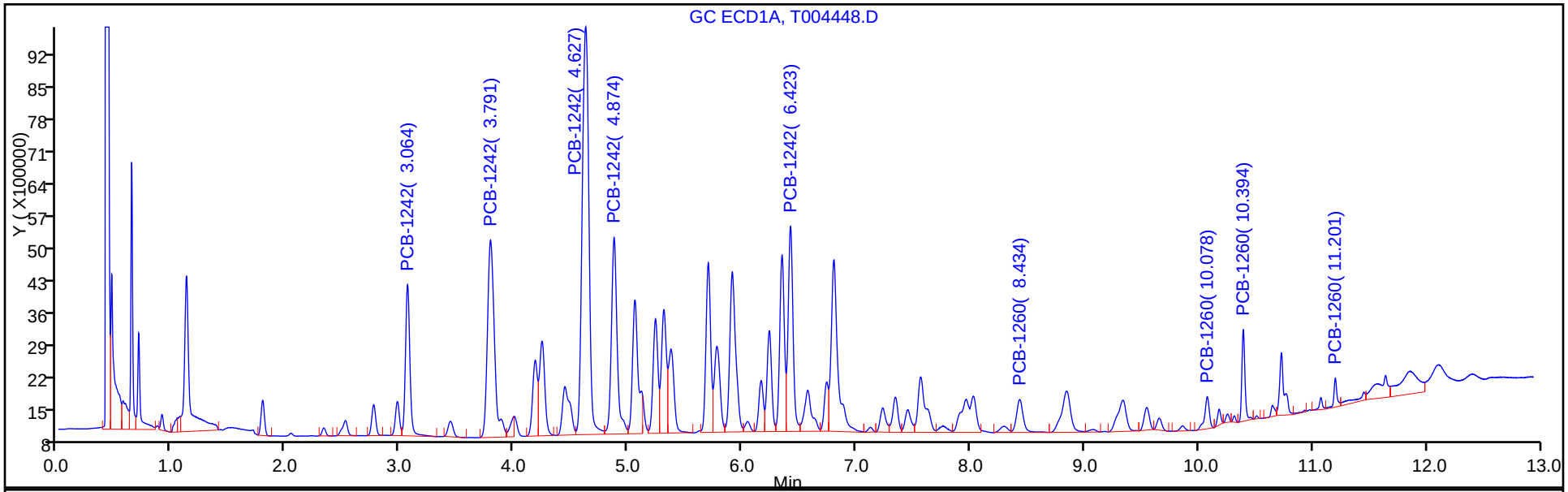
Review Flags
M - Manually Integrated

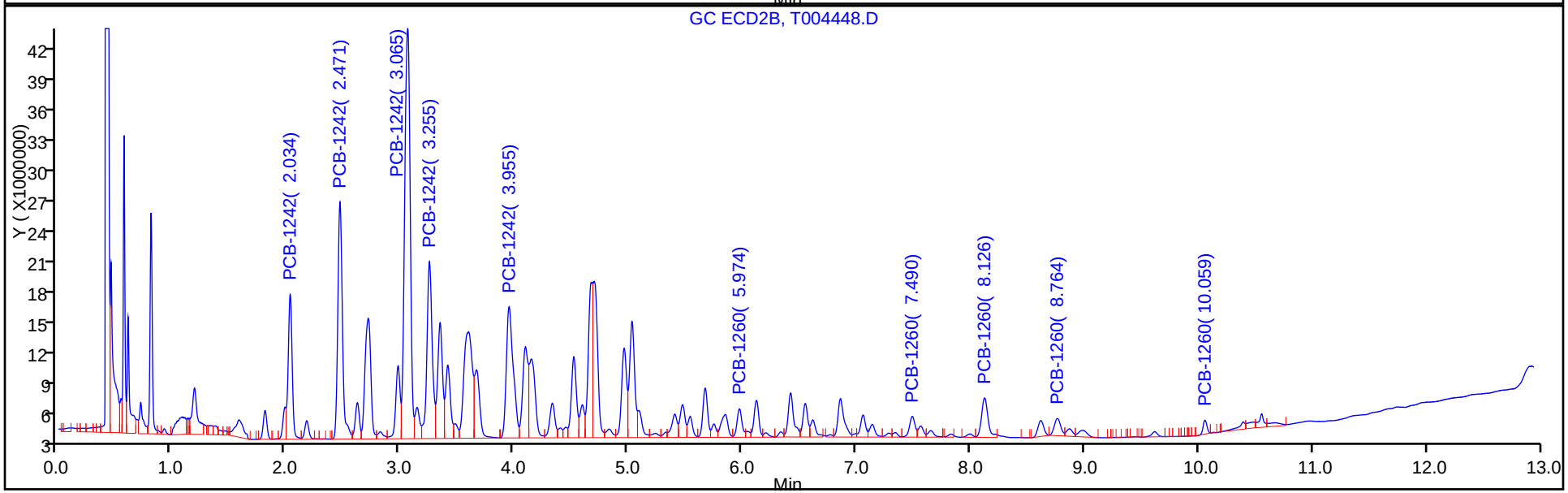
Report Date: 11-Mar-2014 14:11:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004448.D

Injection Date:	11-Mar-2014 10:02:30	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-33-A	Lab Sample ID:	460-72174-33	Worklist Smp#:	8
Client ID:	PMP-7SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	50.0000	ALS Bottle#:	63
Method:	8082GC11	Limit Group:	GC 8082 PCB		





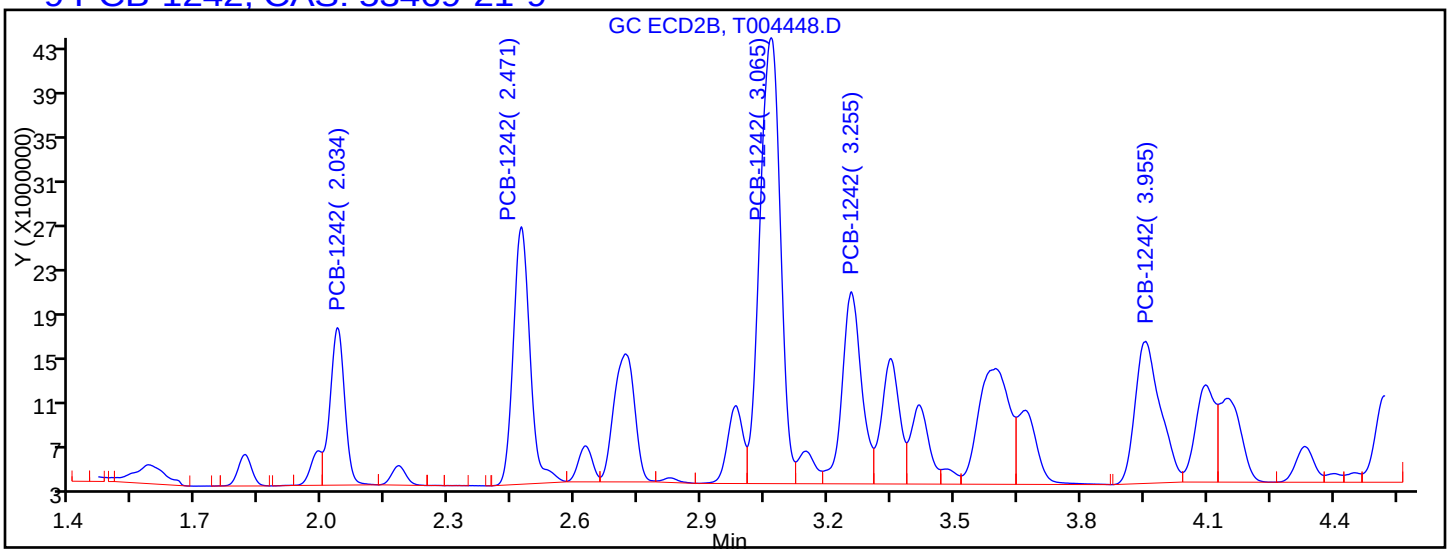
Report Date: 11-Mar-2014 14:11:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004448.D

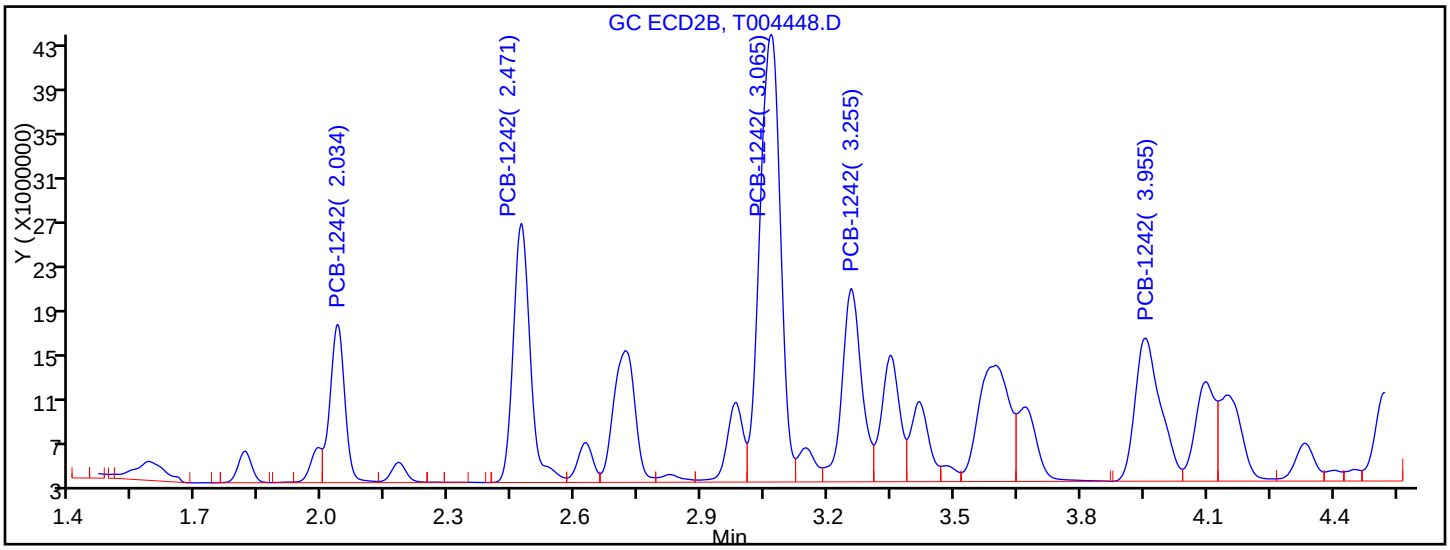
Injection Date:	11-Mar-2014 10:02:30	Instrument ID:	CPESTGC11		
Lims ID:	460-72174-F-33-A	Lab Sample ID:	460-72174-33		
Client ID:	PMP-7SW-SI				
Operator ID:		ALS Bottle#:	63	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.034	Response = 34250882	M
RT = 2.471	Response = 64022449	M
RT = 3.065	Response = 136137324	M
RT = 3.255	Response = 55549862	M
RT = 3.955	Response = 53378152	



Manual Integration Results

RT = 2.034	Response = 34917982	M
RT = 2.471	Response = 65953689	M
RT = 3.065	Response = 137170209	M
RT = 3.255	Response = 56380890	M
RT = 3.955	Response = 53378152	

Reviewer: patelji, 11-Mar-2014 11:33:31

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-VD Lab Sample ID: 460-72174-34

Matrix: Solid Lab File ID: T004422.D

Analysis Method: 8082 Date Collected: 03/06/2014 14:40

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.04(g) Date Analyzed: 03/11/2014 00:42

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211705 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	800		71	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004422.D
Lims ID: 460-72174-F-34-A Lab Sample ID: 460-72174-34
Client ID: PMP-9SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 00:42:02 ALS Bottle#: 37 Worklist Smp#: 37
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-037
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:53:23 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: boykinc Date: 11-Mar-2014 03:10:28

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.063	3.065	-0.002	7236608	1074.8	
1	3.791	3.792	-0.001	13402186	1006.1	M
1	4.626	4.627	-0.001	30722151	1191.3	M
1	4.873	4.876	-0.003	12999812	1252.6	M
1	6.420	6.424	-0.004	10771272	1140.0	M
		Average of Peak Amounts =			1132.9	
2	2.035	2.035	0.0	26244760	956.2	M
2	2.471	2.472	-0.001	51107936	988.5	M
2	3.066	3.065	0.001	113862854	1060.8	M
2	3.254	3.257	-0.003	45501761	1054.2	M
2	3.953	3.954	-0.001	40617776	943.1	M
		Average of Peak Amounts =			1000.6	
					RPD = 12.41	
$ 5 DCB Decachlorobiphenyl						
1	11.626	11.636	-0.010	15711177	48.8	
2	10.555	10.555	0.0	60949369	50.0	
					RPD = 2.32	

QC Flag Legend

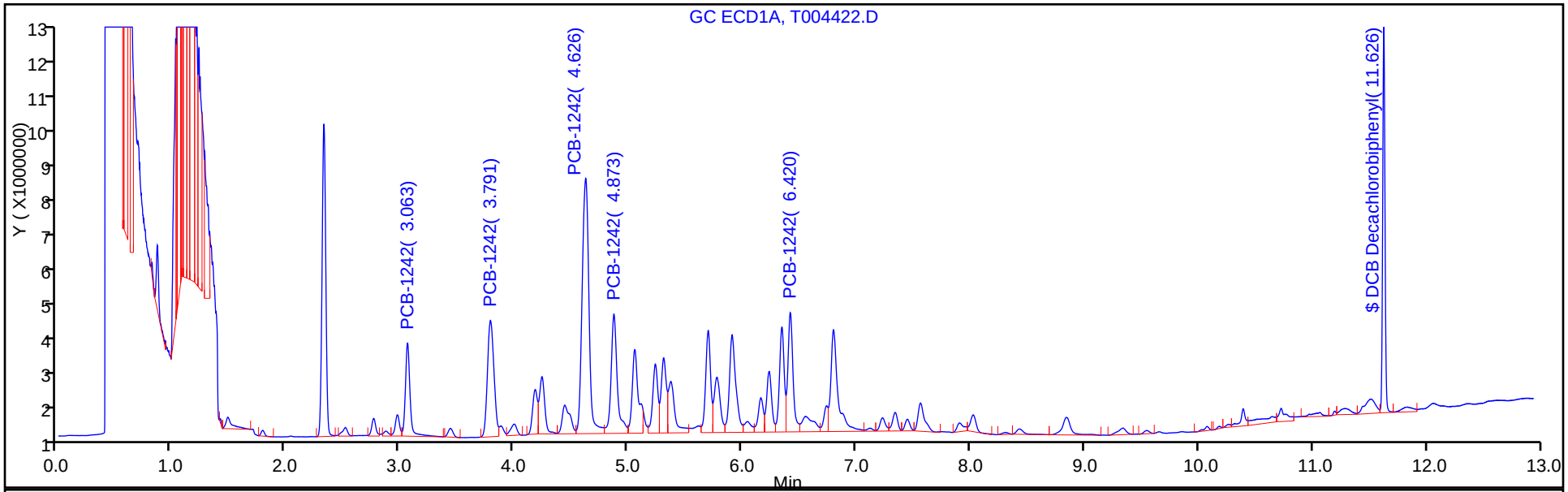
Review Flags
M - Manually Integrated

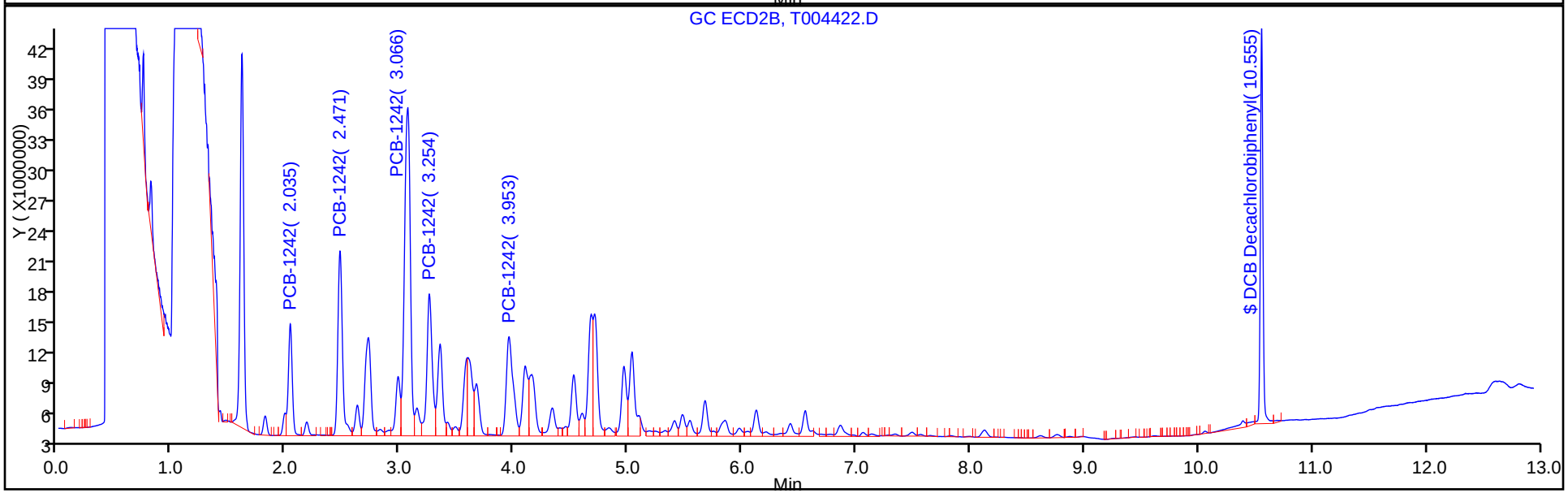
Report Date: 11-Mar-2014 10:54:12 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004422.D

Injection Date:	11-Mar-2014 00:42:02	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-34-A	Lab Sample ID:	460-72174-34	Worklist Smp#:	37
Client ID:	PMP-9SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	37
Method:	8082GC11	Limit Group:	GC 8082 PCB		





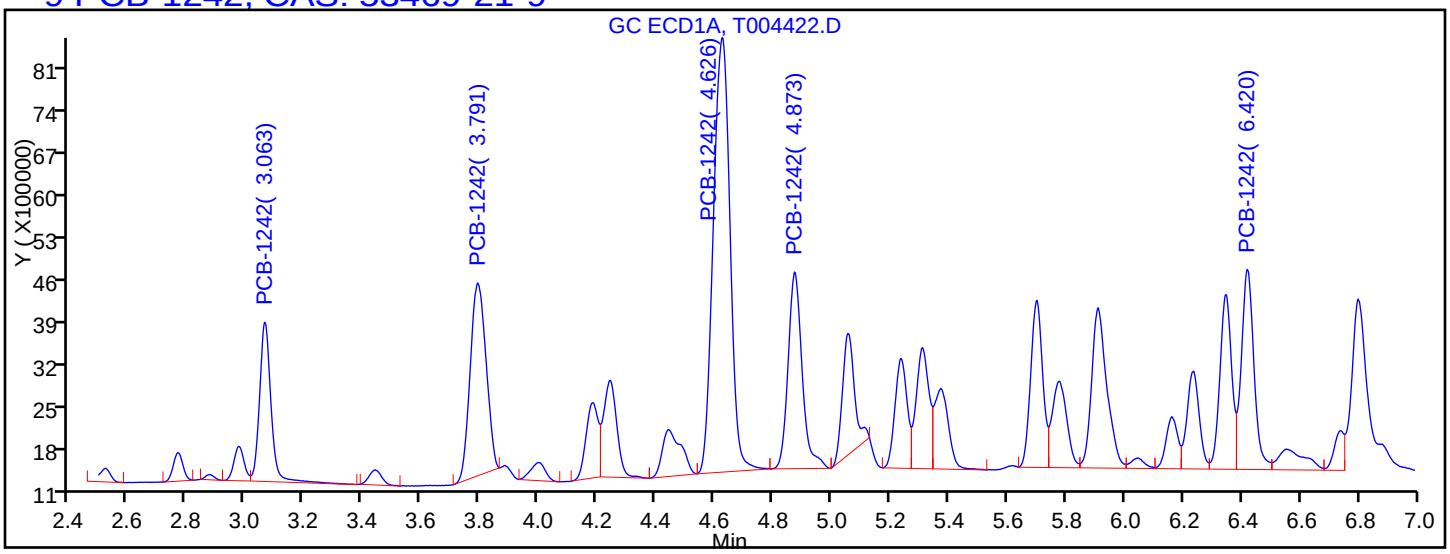
Report Date: 11-Mar-2014 10:54:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004422.D

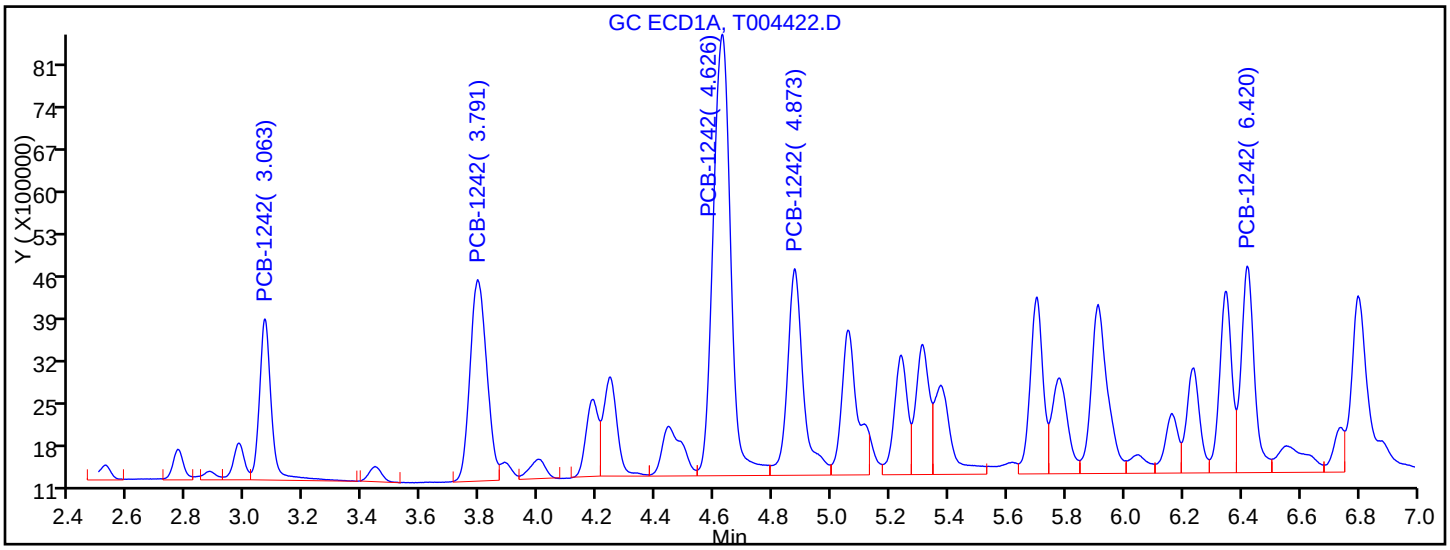
Injection Date:	11-Mar-2014 00:42:02	Instrument ID:	CPESTGC11
Lims ID:	460-72174-F-34-A	Lab Sample ID:	460-72174-34
Client ID:	PMP-9SW-VD		
Operator ID:		ALS Bottle#:	37 Worklist Smp#: 37
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082GC11	Limit Group:	GC 8082 PCB
Column:		Detector	GC ECD1A

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.063	Response = 7236608	
RT = 3.791	Response = 12126450	M
RT = 4.626	Response = 28844364	M
RT = 4.873	Response = 10936149	M
RT = 6.420	Response = 10000561	M



Manual Integration Results

RT = 3.063	Response = 7236608	
RT = 3.791	Response = 13402186	M
RT = 4.626	Response = 30722151	M
RT = 4.873	Response = 12999812	M
RT = 6.420	Response = 10771272	M

Reviewer: boykinc, 11-Mar-2014 03:10:28

Audit Action: Assigned New Baseline

Audit Reason: Baseline

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-VD Lab Sample ID: 460-72174-34

Matrix: Solid Lab File ID: T004422.D

Analysis Method: 8082 Date Collected: 03/06/2014 14:40

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.04(g) Date Analyzed: 03/11/2014 00:42

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211705 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	71	16
11104-28-2	Aroclor 1221	16	U	71	16
11141-16-5	Aroclor 1232	16	U	71	16
12672-29-6	Aroclor 1248	16	U	71	16
11097-69-1	Aroclor 1254	20	U	71	20
11096-82-5	Aroclor 1260	20	U	71	20
37324-23-5	Aroclor 1262	20	U	71	20
11100-14-4	Aroclor 1268	20	U	71	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004422.D
Lims ID: 460-72174-F-34-A Lab Sample ID: 460-72174-34
Client ID: PMP-9SW-VD
Sample Type: Client
Inject. Date: 11-Mar-2014 00:42:02 ALS Bottle#: 37 Worklist Smp#: 37
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-037
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:53:23 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: boykinc Date: 11-Mar-2014 03:10:28

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.063	3.065	-0.002	7236608	1074.8	
1	3.791	3.792	-0.001	13402186	1006.1	M
1	4.626	4.627	-0.001	30722151	1191.3	M
1	4.873	4.876	-0.003	12999812	1252.6	M
1	6.420	6.424	-0.004	10771272	1140.0	M
		Average of Peak Amounts =			1132.9	
2	2.035	2.035	0.0	26244760	956.2	M
2	2.471	2.472	-0.001	51107936	988.5	M
2	3.066	3.065	0.001	113862854	1060.8	M
2	3.254	3.257	-0.003	45501761	1054.2	M
2	3.953	3.954	-0.001	40617776	943.1	M
		Average of Peak Amounts =			1000.6	
					RPD = 12.41	
$ 5 DCB Decachlorobiphenyl						
1	11.626	11.636	-0.010	15711177	48.8	
2	10.555	10.555	0.0	60949369	50.0	
					RPD = 2.32	

QC Flag Legend

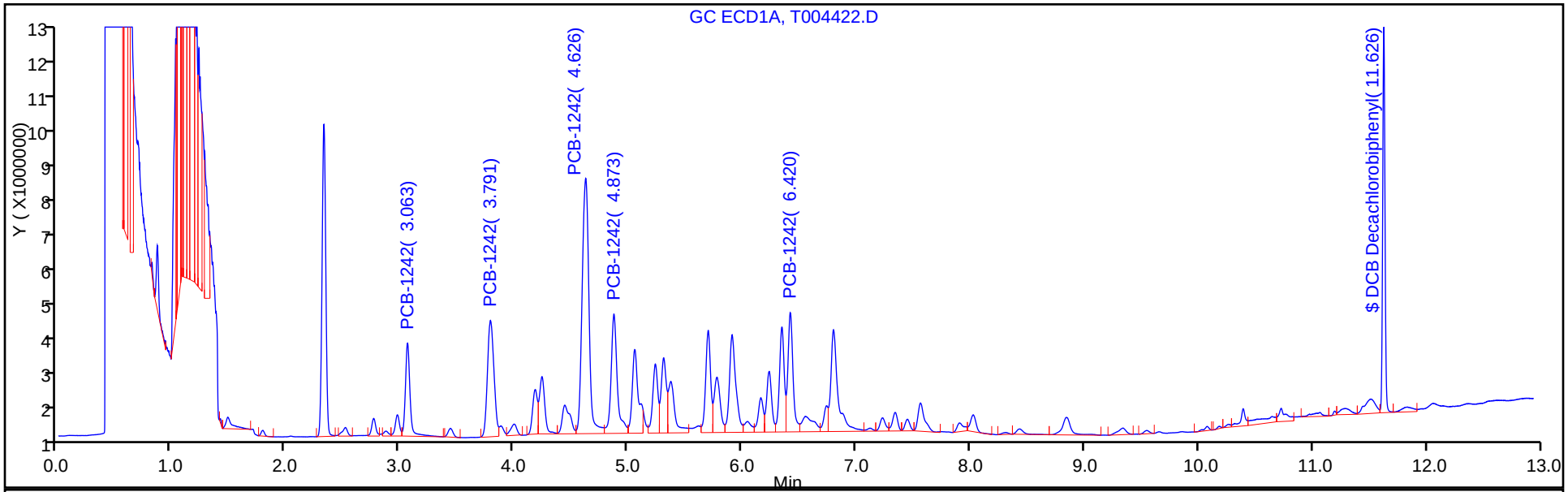
Review Flags
M - Manually Integrated

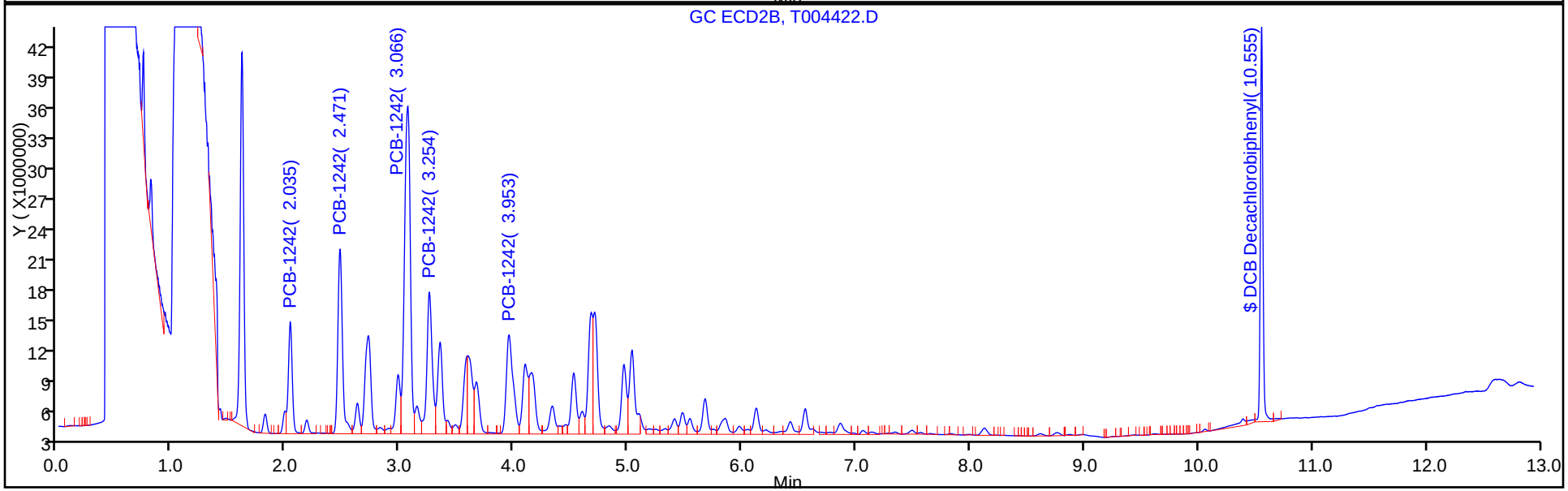
Report Date: 11-Mar-2014 10:54:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004422.D

Injection Date:	11-Mar-2014 00:42:02	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-34-A	Lab Sample ID:	460-72174-34	Worklist Smp#:	37
Client ID:	PMP-9SW-VD				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	37
Method:	8082GC11	Limit Group:	GC 8082 PCB		





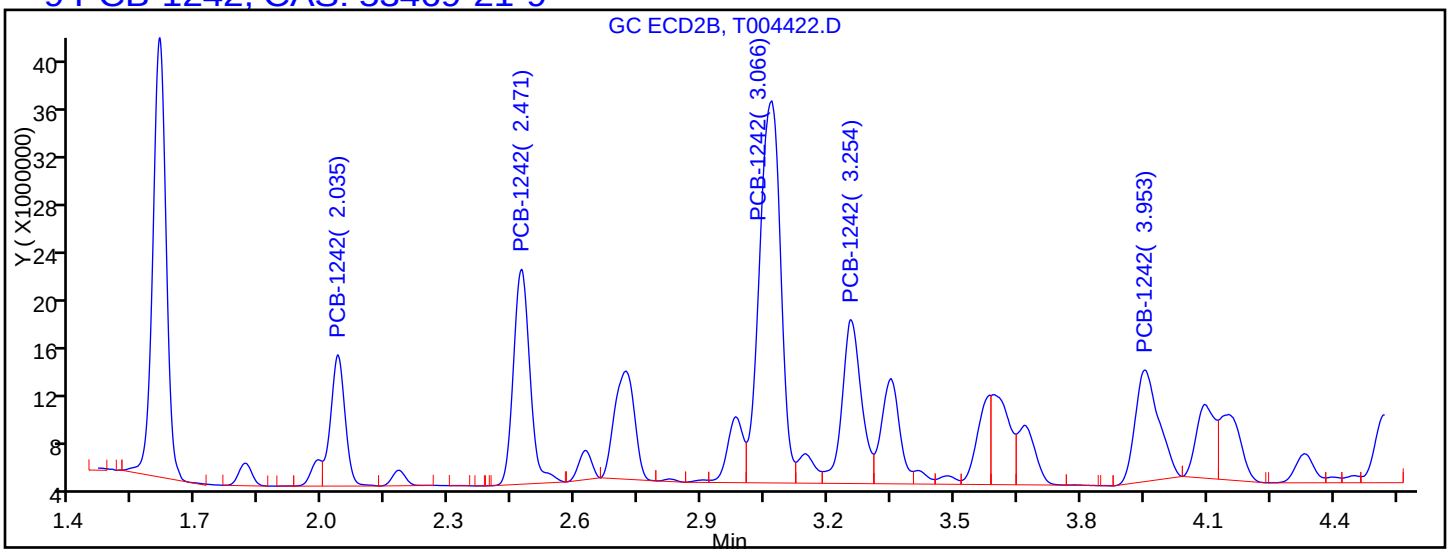
Report Date: 11-Mar-2014 10:54:13 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004422.D

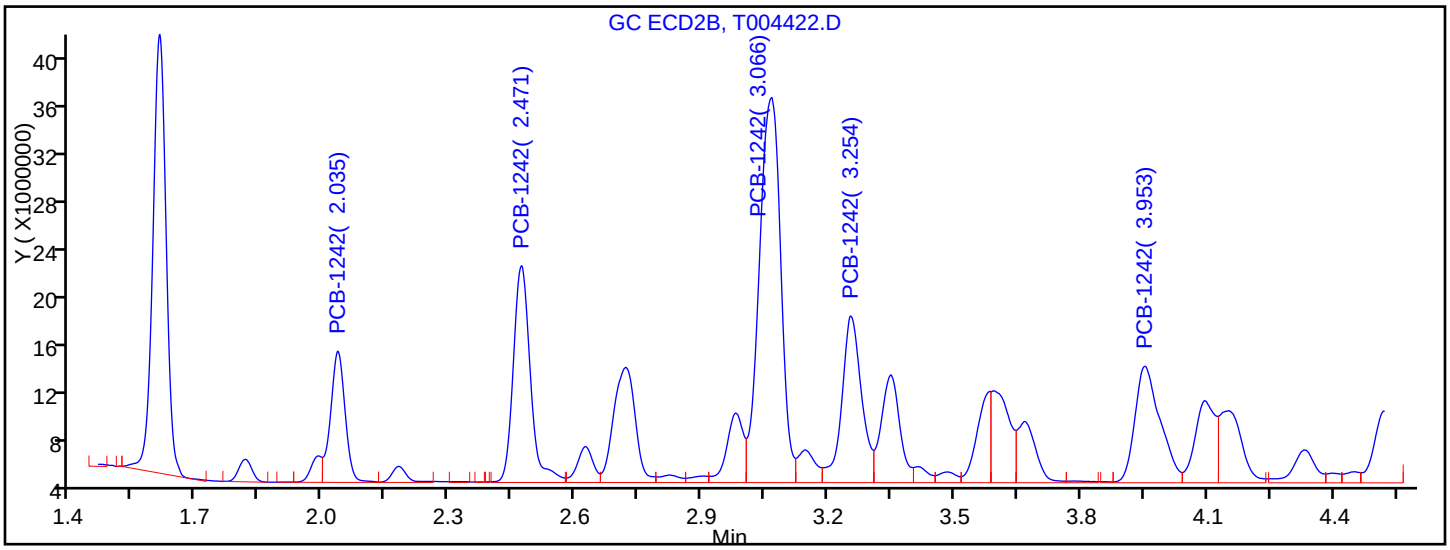
Injection Date:	11-Mar-2014 00:42:02	Instrument ID:	CPESTGC11		
Lims ID:	460-72174-F-34-A	Lab Sample ID:	460-72174-34		
Client ID:	PMP-9SW-VD				
Operator ID:		ALS Bottle#:	37	Worklist Smp#:	37
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.035	Response = 26079800	M
RT = 2.471	Response = 48900989	M
RT = 3.066	Response = 111780696	M
RT = 3.254	Response = 43665047	M
RT = 3.953	Response = 36146156	M



Manual Integration Results

RT = 2.035	Response = 26244760	M
RT = 2.471	Response = 51107936	M
RT = 3.066	Response = 113862854	M
RT = 3.254	Response = 45501761	M
RT = 3.953	Response = 40617776	M

Reviewer: patelji, 11-Mar-2014 10:08:32

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-WT Lab Sample ID: 460-72174-35

Matrix: Solid Lab File ID: T004449.D

Analysis Method: 8082 Date Collected: 03/06/2014 14:45

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.02(g) Date Analyzed: 03/11/2014 10:21

Con. Extract Vol.: 10(mL) Dilution Factor: 100

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211839 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	110000		7600	1700

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X*	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004449.D
Lims ID: 460-72174-F-35-A Lab Sample ID: 460-72174-35
Client ID: PMP-9SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 10:21:37 ALS Bottle#: 64 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 100.0000
Sample Info: 460-0010710-009
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 14:11:29 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 11:54:24

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.064	3.065	-0.001	9628651	1430.1	
1	3.791	3.792	-0.001	18548263	1392.4	
1	4.626	4.627	-0.001	39376333	1526.9	
1	4.873	4.876	-0.003	15782968	1520.7	
1	6.420	6.424	-0.004	14158660	1498.5	
		Average of Peak Amounts =			1473.7	
2	2.034	2.035	-0.001	35880546	1307.3	M
2	2.470	2.472	-0.002	72712869	1406.4	M
2	3.064	3.065	-0.001	148839749	1386.6	M
2	3.254	3.257	-0.003	62151158	1439.9	M
2	3.952	3.954	-0.002	59029002	1370.7	M
		Average of Peak Amounts =			1382.2	
				RPD =	6.41	

QC Flag Legend

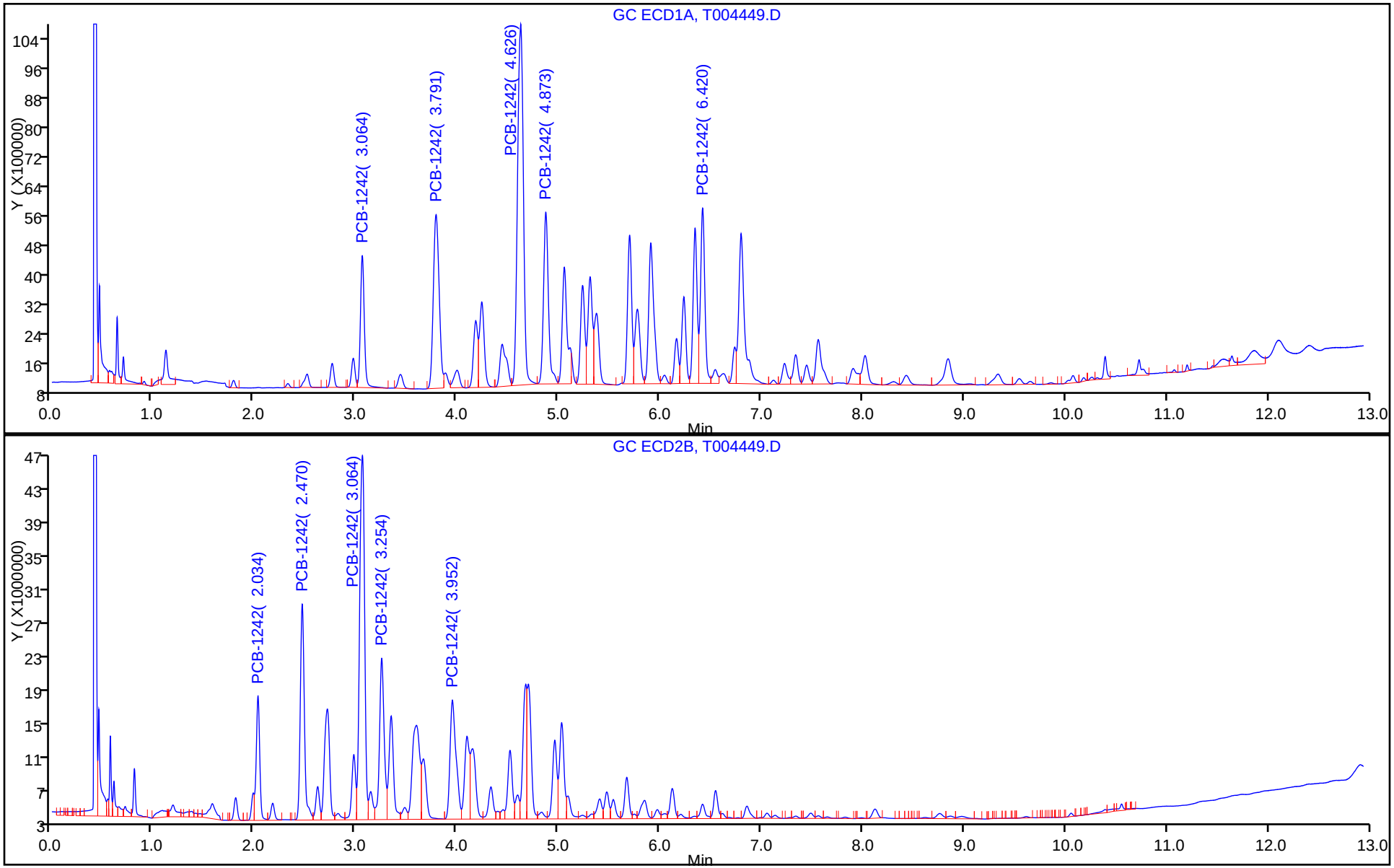
Review Flags
M - Manually Integrated

Report Date: 11-Mar-2014 14:11:57 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004449.D

Injection Date:	11-Mar-2014 10:21:37	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-35-A	Lab Sample ID:	460-72174-35	Worklist Smp#:	9
Client ID:	PMP-9SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	100.0000	ALS Bottle#:	64
Method:	8082GC11	Limit Group:	GC 8082 PCB		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-WT Lab Sample ID: 460-72174-35

Matrix: Solid Lab File ID: T004449.D

Analysis Method: 8082 Date Collected: 03/06/2014 14:45

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.02(g) Date Analyzed: 03/11/2014 10:21

Con. Extract Vol.: 10(mL) Dilution Factor: 100

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211839 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	1700	U	7600	1700
11104-28-2	Aroclor 1221	1700	U	7600	1700
11141-16-5	Aroclor 1232	1700	U	7600	1700
12672-29-6	Aroclor 1248	1700	U	7600	1700
11097-69-1	Aroclor 1254	2100	U	7600	2100
11096-82-5	Aroclor 1260	2100	U	7600	2100
37324-23-5	Aroclor 1262	2100	U	7600	2100
11100-14-4	Aroclor 1268	2100	U	7600	2100

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004449.D
Lims ID: 460-72174-F-35-A Lab Sample ID: 460-72174-35
Client ID: PMP-9SW-WT
Sample Type: Client
Inject. Date: 11-Mar-2014 10:21:37 ALS Bottle#: 64 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 100.0000
Sample Info: 460-0010710-009
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 14:11:29 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 11:54:24

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.064	3.065	-0.001	9628651	1430.1	
1	3.791	3.792	-0.001	18548263	1392.4	
1	4.626	4.627	-0.001	39376333	1526.9	
1	4.873	4.876	-0.003	15782968	1520.7	
1	6.420	6.424	-0.004	14158660	1498.5	
		Average of Peak Amounts =			1473.7	
2	2.034	2.035	-0.001	35880546	1307.3	M
2	2.470	2.472	-0.002	72712869	1406.4	M
2	3.064	3.065	-0.001	148839749	1386.6	M
2	3.254	3.257	-0.003	62151158	1439.9	M
2	3.952	3.954	-0.002	59029002	1370.7	M
		Average of Peak Amounts =			1382.2	
				RPD =	6.41	

QC Flag Legend

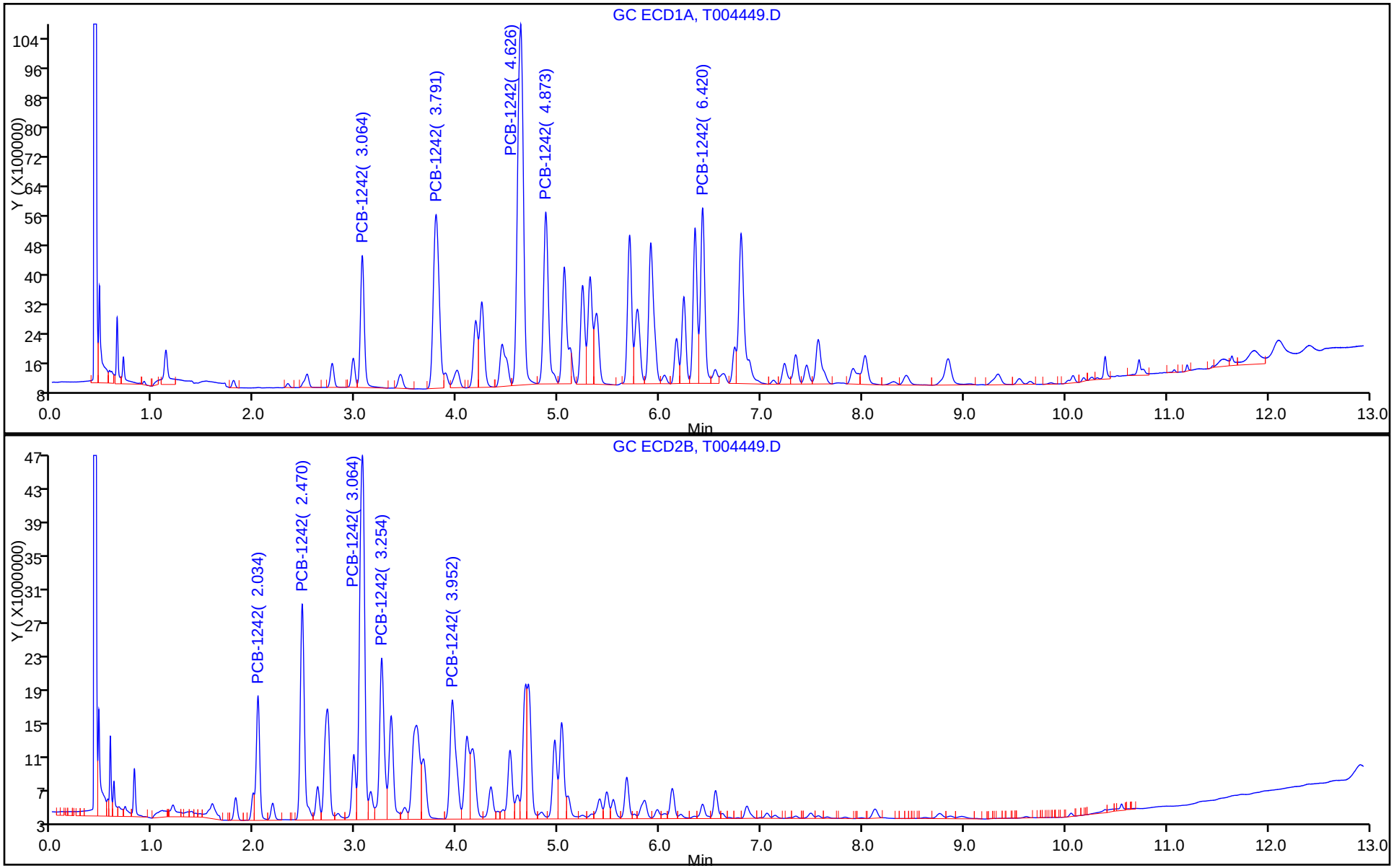
Review Flags
M - Manually Integrated

Report Date: 11-Mar-2014 14:11:58 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004449.D

Injection Date:	11-Mar-2014 10:21:37	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-35-A	Lab Sample ID:	460-72174-35	Worklist Smp#:	9
Client ID:	PMP-9SW-WT				
Injection Vol:	1.0 ul	Dil. Factor:	100.0000	ALS Bottle#:	64
Method:	8082GC11	Limit Group:	GC 8082 PCB		



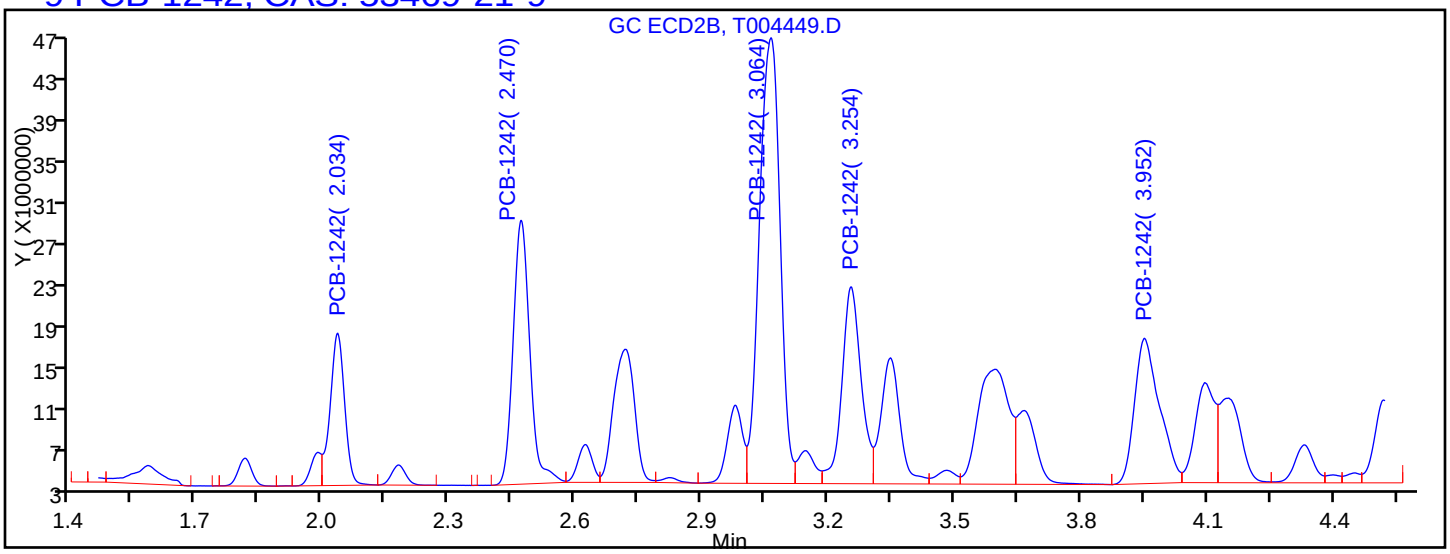
Report Date: 11-Mar-2014 14:11:58 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004449.D

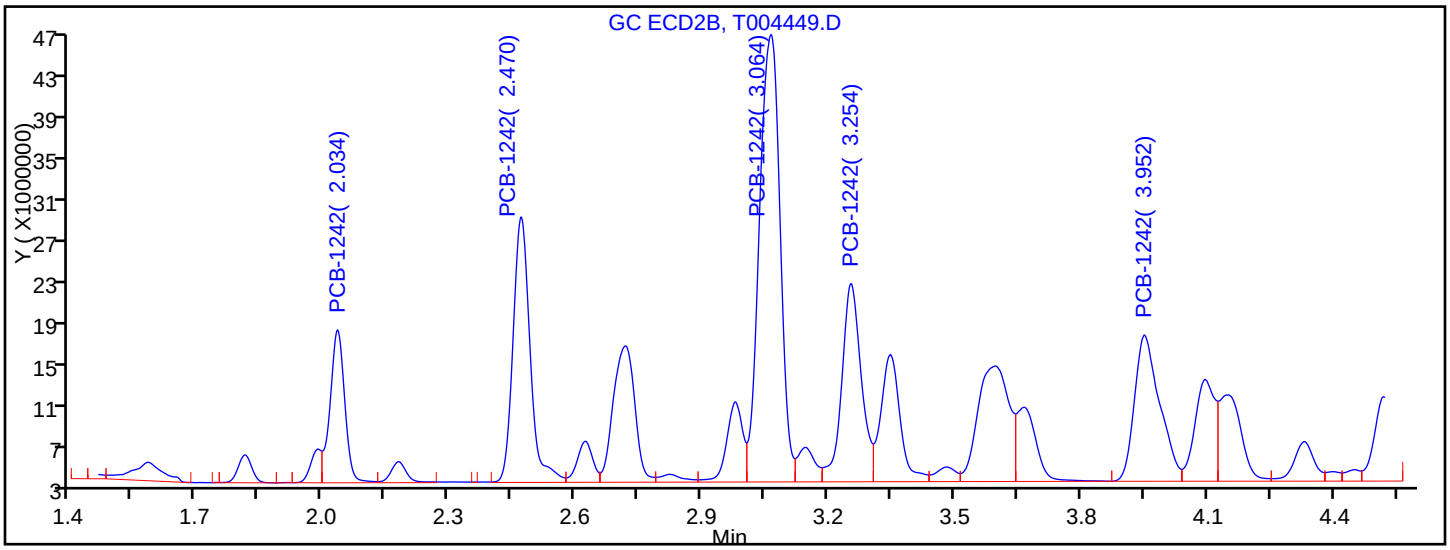
Injection Date:	11-Mar-2014 10:21:37	Instrument ID:	CPESTGC11		
Lims ID:	460-72174-F-35-A	Lab Sample ID:	460-72174-35		
Client ID:	PMP-9SW-WT				
Operator ID:		ALS Bottle#:	64	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	100.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.034	Response = 35293788	M
RT = 2.470	Response = 70793473	M
RT = 3.064	Response = 147624169	M
RT = 3.254	Response = 61158774	M
RT = 3.952	Response = 58153167	M



Manual Integration Results

RT = 2.034	Response = 35880546	M
RT = 2.470	Response = 72712869	M
RT = 3.064	Response = 148839749	M
RT = 3.254	Response = 62151158	M
RT = 3.952	Response = 59029002	M

Reviewer: patelji, 11-Mar-2014 11:54:24

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-SI Lab Sample ID: 460-72174-36

Matrix: Solid Lab File ID: T004424.D

Analysis Method: 8082 Date Collected: 03/06/2014 14:50

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.05(g) Date Analyzed: 03/11/2014 01:19

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211705 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	960		77	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004424.D
Lims ID: 460-72174-F-36-A Lab Sample ID: 460-72174-36
Client ID: PMP-9SW-SI
Sample Type: Client
Inject. Date: 11-Mar-2014 01:19:55 ALS Bottle#: 39 Worklist Smp#: 39
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-039
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:53:23 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 10:09:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.061	3.065	-0.004	8634986	1282.5	
1	3.790	3.792	-0.002	14378853	1079.4	
1	4.625	4.627	-0.002	34171260	1325.1	M
1	4.874	4.876	-0.002	13369006	1288.1	M
1	6.422	6.424	-0.002	11747271	1243.3	M
		Average of Peak Amounts =			1243.7	
2	2.033	2.035	-0.002	30861814	1124.5	M
2	2.469	2.472	-0.003	59787384	1156.4	M
2	3.063	3.065	-0.002	130322647	1214.1	M
2	3.253	3.257	-0.004	52135868	1207.9	M
2	3.951	3.954	-0.003	42872555	995.5	
		Average of Peak Amounts =			1139.7	
					RPD = 8.73	
$ 5 DCB Decachlorobiphenyl						
1	11.627	11.636	-0.009	15598621	48.5	
2	10.556	10.555	0.001	59750112	49.0	
					RPD = 1.06	

QC Flag Legend

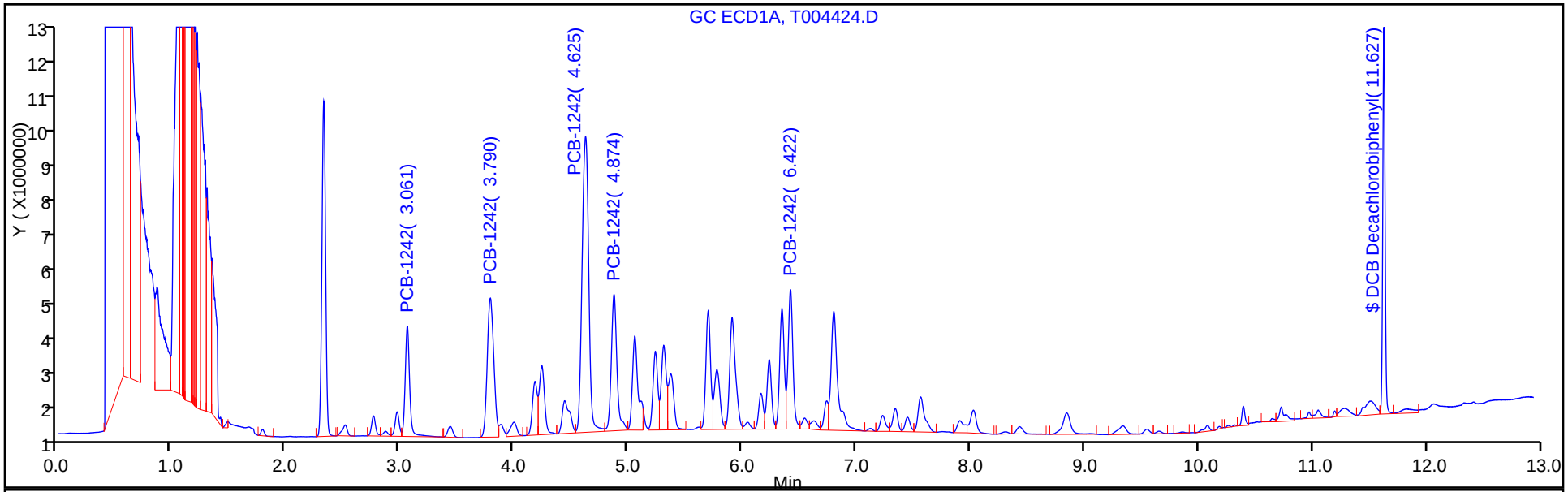
Review Flags
M - Manually Integrated

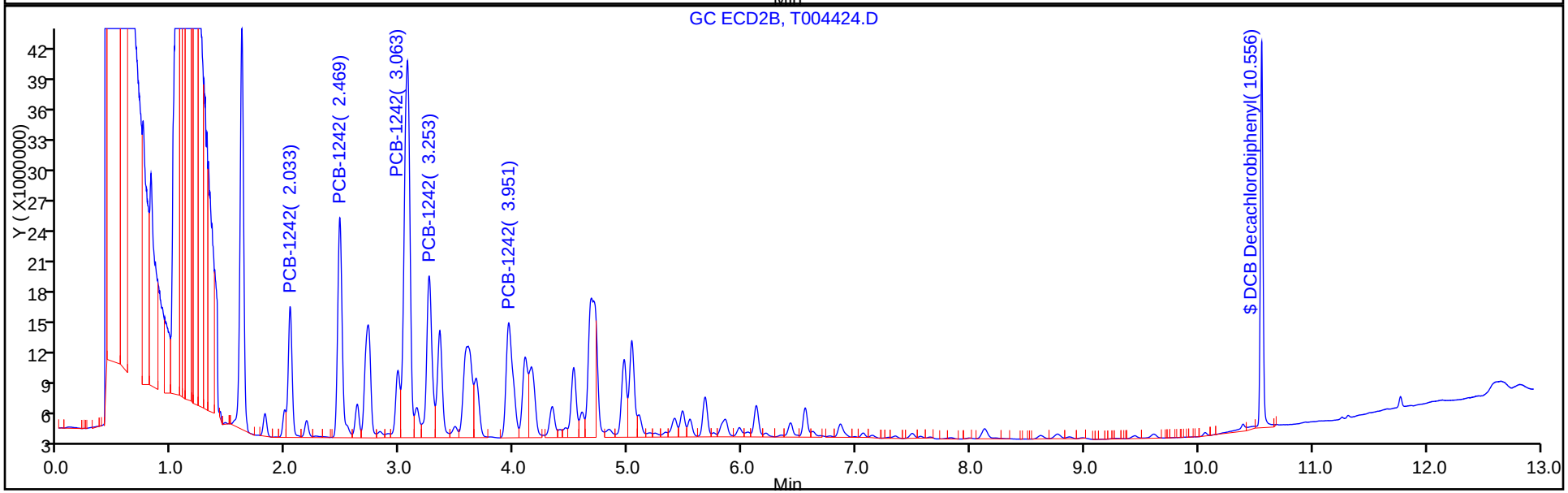
Report Date: 11-Mar-2014 10:54:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004424.D

Injection Date:	11-Mar-2014 01:19:55	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-36-A	Lab Sample ID:	460-72174-36	Worklist Smp#:	39
Client ID:	PMP-9SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	39
Method:	8082GC11	Limit Group:	GC 8082 PCB		





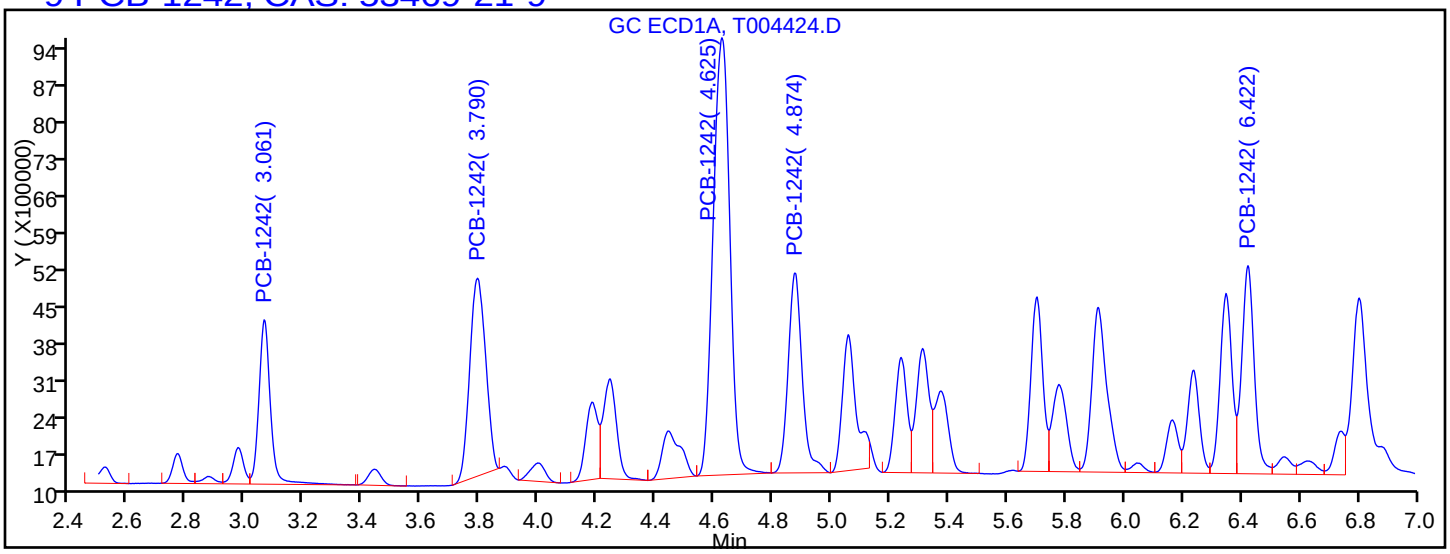
Report Date: 11-Mar-2014 10:54:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004424.D

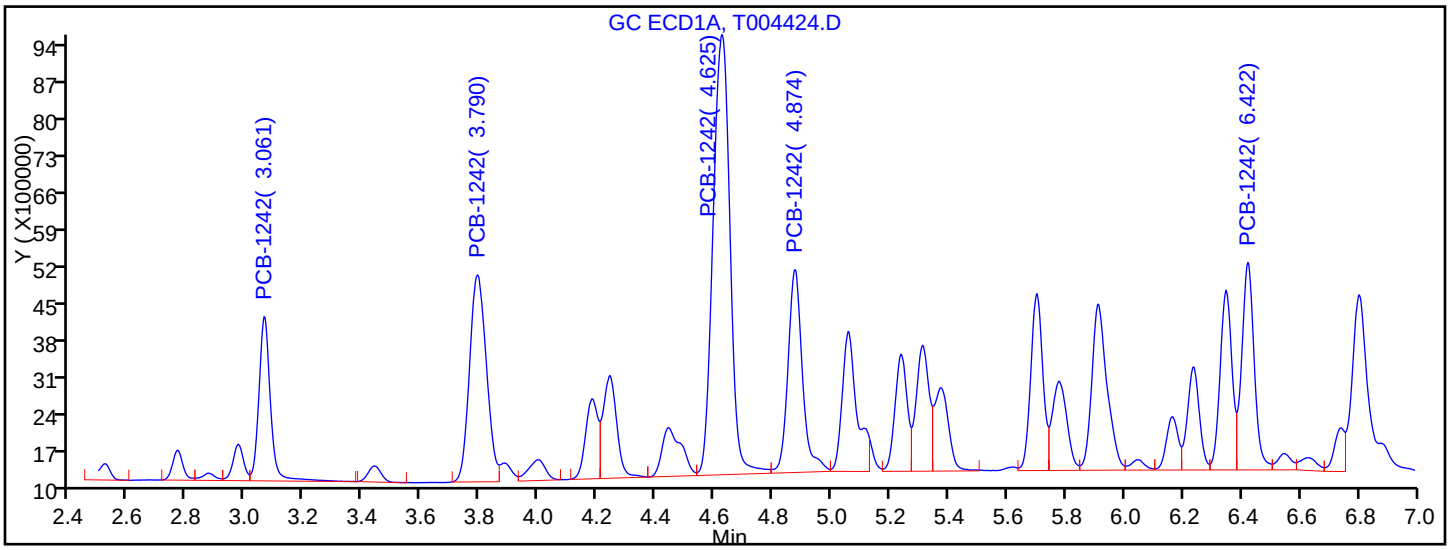
Injection Date:	11-Mar-2014 01:19:55	Instrument ID:	CPESTGC11
Lims ID:	460-72174-F-36-A	Lab Sample ID:	460-72174-36
Client ID:	PMP-9SW-SI		
Operator ID:		ALS Bottle#:	39 Worklist Smp#: 39
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082GC11	Limit Group:	GC 8082 PCB
Column:		Detector	GC ECD1A

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.061	Response = 8634986	
RT = 3.790	Response = 14378853	
RT = 4.625	Response = 33248300	M
RT = 4.874	Response = 12735688	M
RT = 6.422	Response = 11837007	M



Manual Integration Results

RT = 3.061	Response = 8634986	
RT = 3.790	Response = 14378853	
RT = 4.625	Response = 34171260	M
RT = 4.874	Response = 13369006	M
RT = 6.422	Response = 11747271	M

Reviewer: patelji, 11-Mar-2014 10:09:39

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-SI Lab Sample ID: 460-72174-36

Matrix: Solid Lab File ID: T004424.D

Analysis Method: 8082 Date Collected: 03/06/2014 14:50

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.05(g) Date Analyzed: 03/11/2014 01:19

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211705 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	77	17
11104-28-2	Aroclor 1221	17	U	77	17
11141-16-5	Aroclor 1232	17	U	77	17
12672-29-6	Aroclor 1248	17	U	77	17
11097-69-1	Aroclor 1254	22	U	77	22
11096-82-5	Aroclor 1260	22	U	77	22
37324-23-5	Aroclor 1262	22	U	77	22
11100-14-4	Aroclor 1268	22	U	77	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004424.D
Lims ID: 460-72174-F-36-A Lab Sample ID: 460-72174-36
Client ID: PMP-9SW-SI
Sample Type: Client
Inject. Date: 11-Mar-2014 01:19:55 ALS Bottle#: 39 Worklist Smp#: 39
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-039
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:53:23 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 10:09:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.061	3.065	-0.004	8634986	1282.5	
1	3.790	3.792	-0.002	14378853	1079.4	
1	4.625	4.627	-0.002	34171260	1325.1	M
1	4.874	4.876	-0.002	13369006	1288.1	M
1	6.422	6.424	-0.002	11747271	1243.3	M
		Average of Peak Amounts =			1243.7	
2	2.033	2.035	-0.002	30861814	1124.5	M
2	2.469	2.472	-0.003	59787384	1156.4	M
2	3.063	3.065	-0.002	130322647	1214.1	M
2	3.253	3.257	-0.004	52135868	1207.9	M
2	3.951	3.954	-0.003	42872555	995.5	
		Average of Peak Amounts =			1139.7	
					RPD = 8.73	
$ 5 DCB Decachlorobiphenyl						
1	11.627	11.636	-0.009	15598621	48.5	
2	10.556	10.555	0.001	59750112	49.0	
					RPD = 1.06	

QC Flag Legend

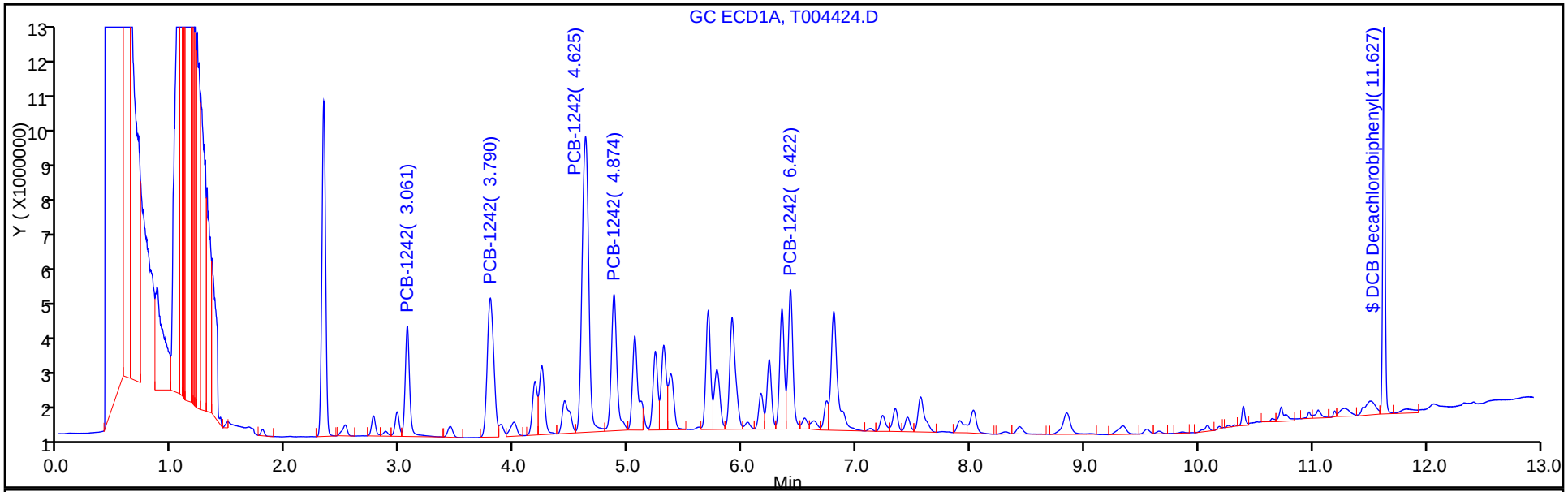
Review Flags
M - Manually Integrated

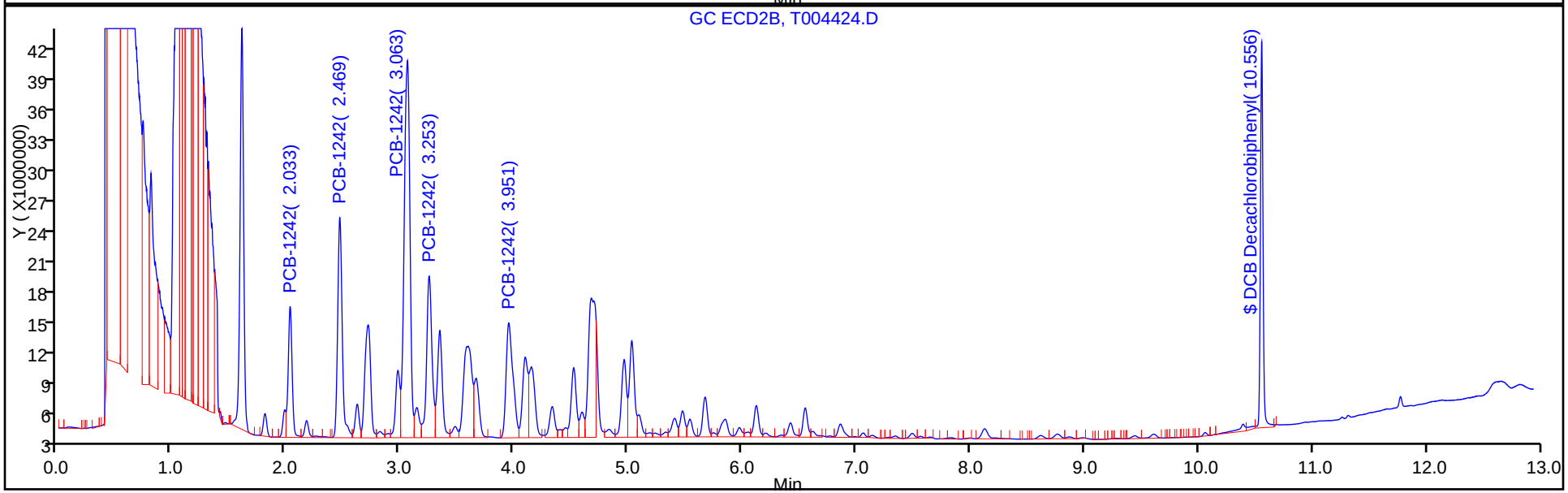
Report Date: 11-Mar-2014 10:54:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004424.D

Injection Date:	11-Mar-2014 01:19:55	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-36-A	Lab Sample ID:	460-72174-36	Worklist Smp#:	39
Client ID:	PMP-9SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	39
Method:	8082GC11	Limit Group:	GC 8082 PCB		





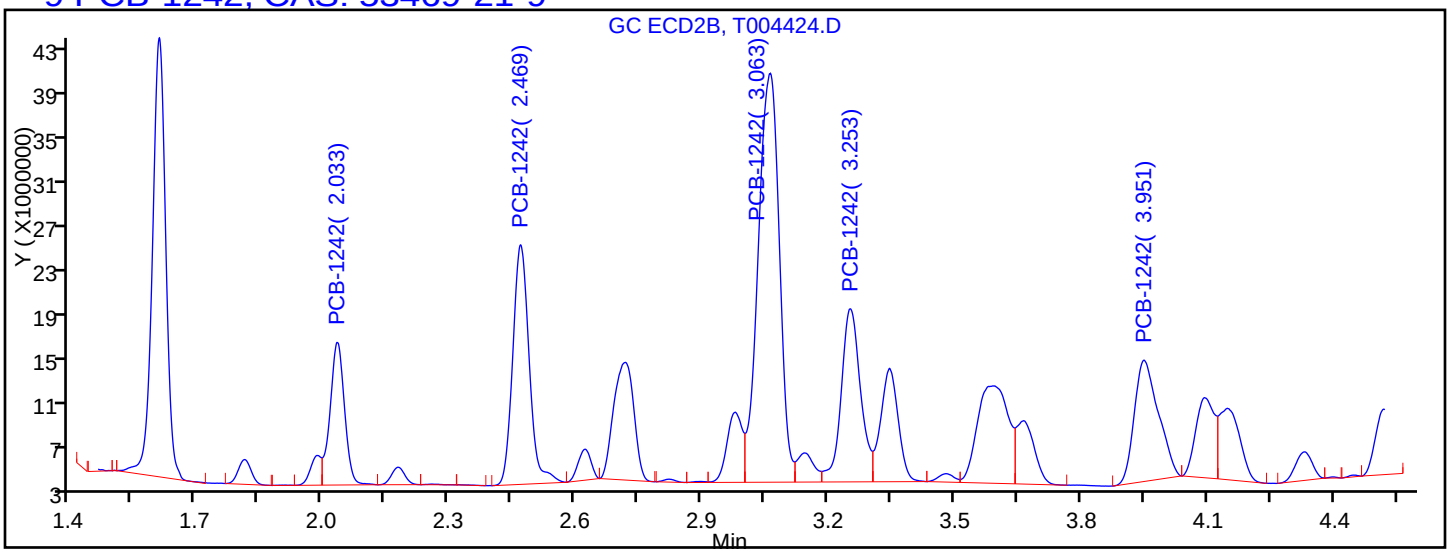
Report Date: 11-Mar-2014 10:54:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004424.D

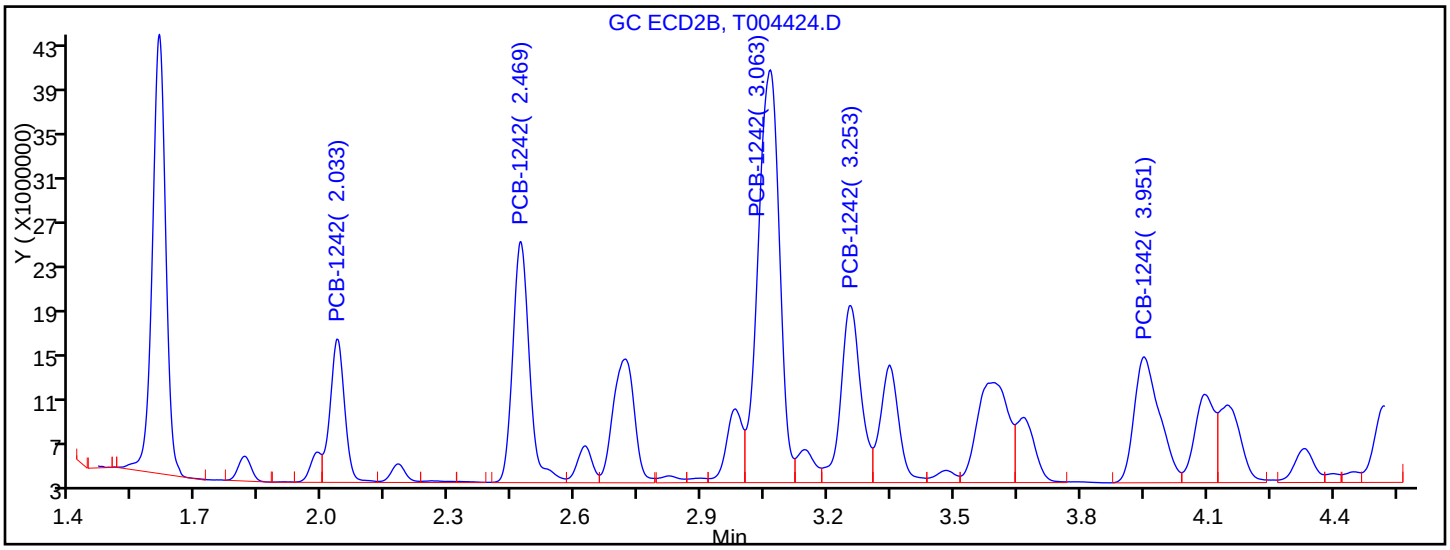
Injection Date:	11-Mar-2014 01:19:55	Instrument ID:	CPESTGC11		
Lims ID:	460-72174-F-36-A	Lab Sample ID:	460-72174-36		
Client ID:	PMP-9SW-SI				
Operator ID:		ALS Bottle#:	39	Worklist Smp#:	39
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.033	Response = 30333707	M
RT = 2.469	Response = 57939790	M
RT = 3.063	Response = 127967866	M
RT = 3.253	Response = 49539331	M
RT = 3.951	Response = 42872555	



Manual Integration Results

RT = 2.033	Response = 30861814	M
RT = 2.469	Response = 59787384	M
RT = 3.063	Response = 130322647	M
RT = 3.253	Response = 52135868	M
RT = 3.951	Response = 42872555	

Reviewer: patelji, 11-Mar-2014 10:09:39

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-WI Lab Sample ID: 460-72174-37

Matrix: Solid Lab File ID: T004450.D

Analysis Method: 8082 Date Collected: 03/06/2014 15:20

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.01(g) Date Analyzed: 03/11/2014 10:40

Con. Extract Vol.: 10(mL) Dilution Factor: 2

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211839 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	2000		140	32
11096-82-5	Aroclor 1260	380		140	41

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	115		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004450.D
Lims ID: 460-72174-F-37-A Lab Sample ID: 460-72174-37
Client ID: PMP-10SW-WI
Sample Type: Client
Inject. Date: 11-Mar-2014 10:40:35 ALS Bottle#: 65 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 2.0000
Sample Info: 460-0010710-010
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 14:11:29 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:12:10

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.064	3.065	-0.001	2859768	424.8	
1	3.792	3.792	0.0	23514245	1765.1	
1	4.622	4.627	-0.005	41613874	1613.7	M
1	4.874	4.876	-0.002	10547801	1016.3	M
1	6.420	6.424	-0.004	20155421	2133.1	M
		Average of Peak Amounts =			1390.6	
2	2.025	2.035	-0.010	31337081	1141.8	
2	2.471	2.472	-0.001	79155857	1531.0	M
2	3.061	3.065	-0.004	139678297	1301.3	M
2	3.259	3.257	0.002	37427897	867.1	M
2	3.954	3.954	0.0	73633661	1709.8	M
		Average of Peak Amounts =			1310.2	
				RPD =	5.95	
10 PCB-1260						
1	0.0	7.957	-7.957	0	0	
1	8.430	8.423	0.007	7311110	289.2	M
1	10.077	10.075	0.002	5023953	262.7	
1	10.392	10.391	0.001	10718160	257.1	M
1	11.202	11.198	0.004	2677058	247.2	M
		Average of Peak Amounts =			264.1	
2	5.972	5.972	0.0	19205417	280.1	M
2	7.487	7.486	0.001	16515516	234.7	
2	8.122	8.121	0.001	38352650	252.1	
2	8.760	8.760	0.0	23504382	292.9	
2	10.055	10.058	-0.003	9396318	247.8	
		Average of Peak Amounts =			261.5	
				RPD =	0.96	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	11.647	11.636	0.011	9253619	28.8	
2	10.555	10.555	0.0	36714103	30.1	
					RPD = 4.57	

QC Flag Legend

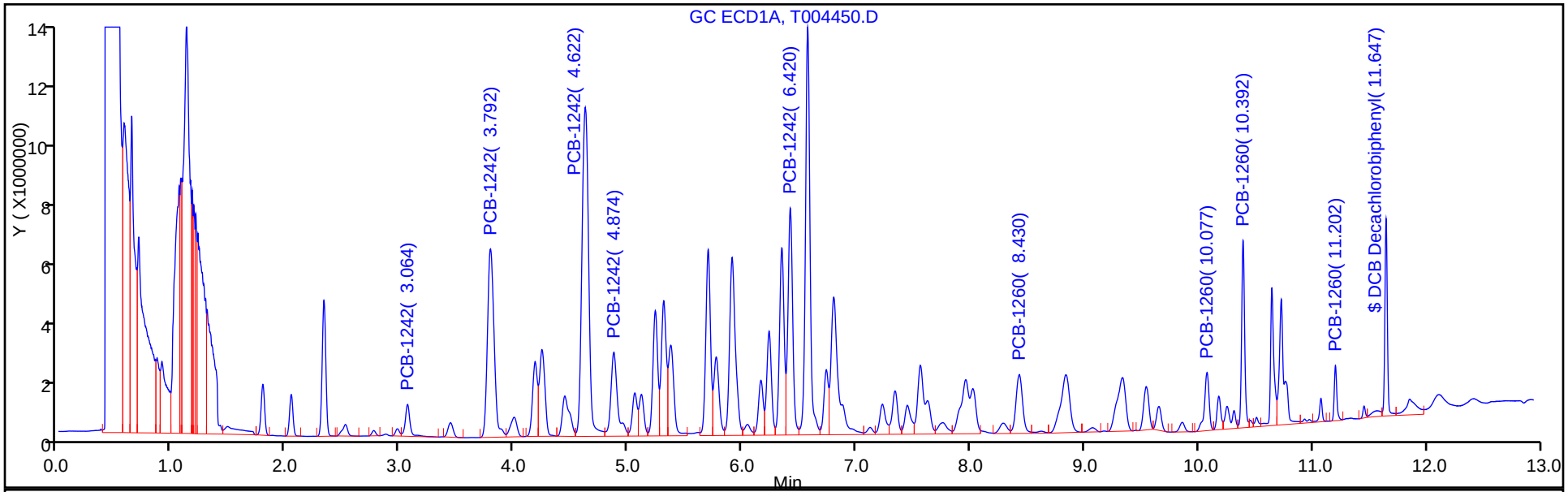
Review Flags
M - Manually Integrated

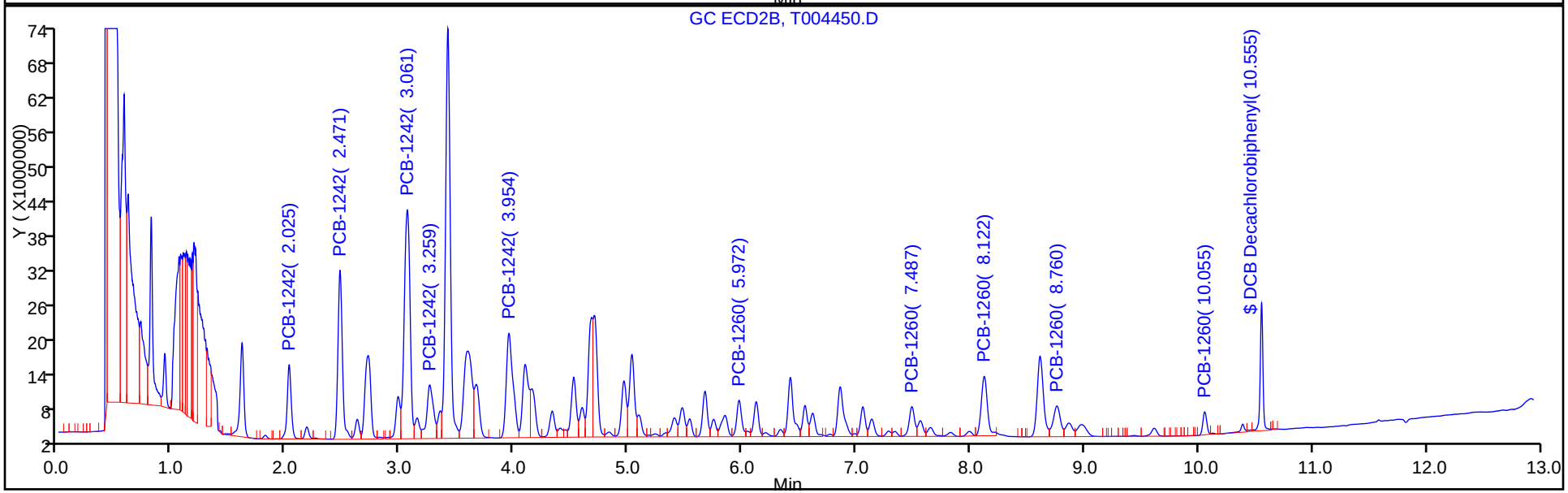
Report Date: 11-Mar-2014 14:11:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004450.D

Injection Date:	11-Mar-2014 10:40:35	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-37-A	Lab Sample ID:	460-72174-37	Worklist Smp#:	10
Client ID:	PMP-10SW-WI				
Injection Vol:	1.0 ul	Dil. Factor:	2.0000	ALS Bottle#:	65
Method:	8082GC11	Limit Group:	GC 8082 PCB		





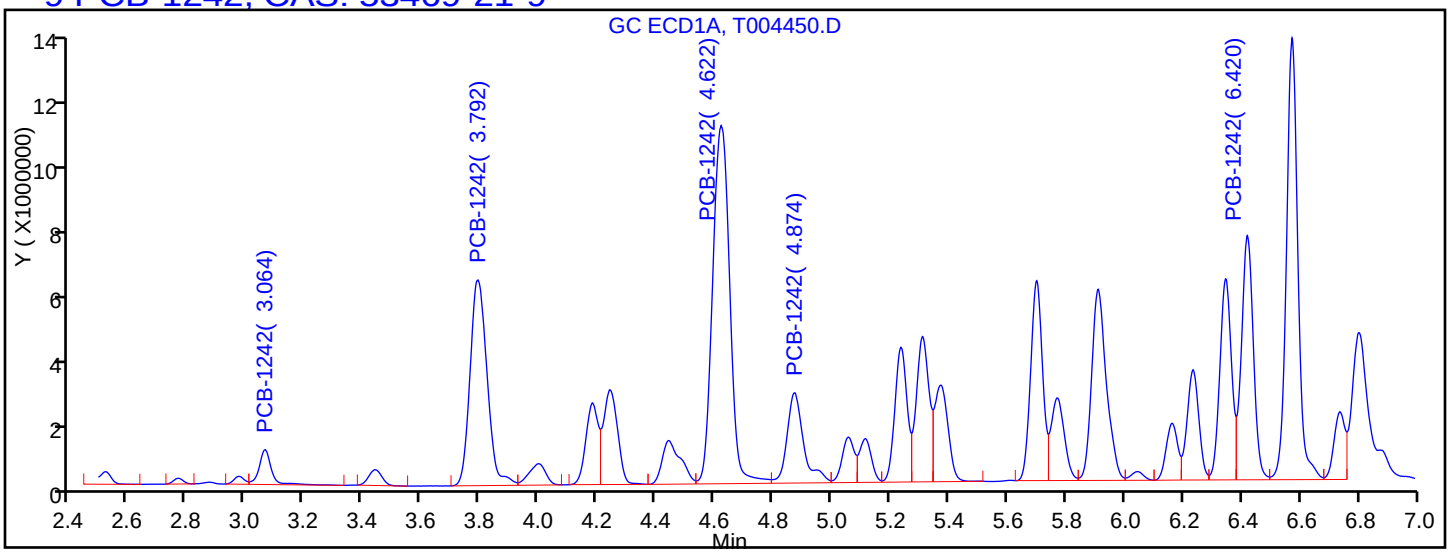
Report Date: 11-Mar-2014 14:11:59 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004450.D

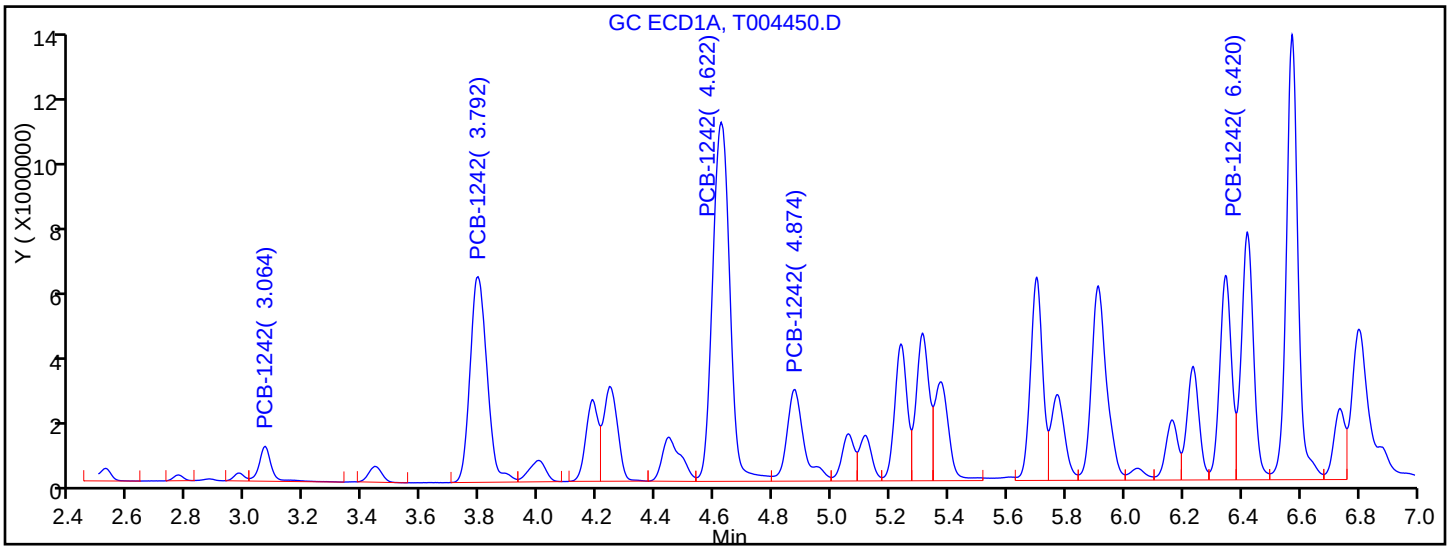
Injection Date:	11-Mar-2014 10:40:35	Instrument ID:	CPESTGC11
Lims ID:	460-72174-F-37-A	Lab Sample ID:	460-72174-37
Client ID:	PMP-10SW-WI		
Operator ID:		ALS Bottle#:	65 Worklist Smp#: 10
Injection Vol:	1.0 ul	Dil. Factor:	2.0000
Method:	8082GC11	Limit Group:	GC 8082 PCB
Column:		Detector	GC ECD1A

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.064	Response = 2859768	
RT = 3.792	Response = 23514245	
RT = 4.622	Response = 41182610	M
RT = 4.874	Response = 10058824	M
RT = 6.420	Response = 19518402	M



Manual Integration Results

RT = 3.064	Response = 2859768	
RT = 3.792	Response = 23514245	
RT = 4.622	Response = 41613874	M
RT = 4.874	Response = 10547801	M
RT = 6.420	Response = 20155421	M

Reviewer: patelji, 11-Mar-2014 12:12:10

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-WI Lab Sample ID: 460-72174-37

Matrix: Solid Lab File ID: T004450.D

Analysis Method: 8082 Date Collected: 03/06/2014 15:20

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.01(g) Date Analyzed: 03/11/2014 10:40

Con. Extract Vol.: 10(mL) Dilution Factor: 2

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211839 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	32	U	140	32
11104-28-2	Aroclor 1221	32	U	140	32
11141-16-5	Aroclor 1232	32	U	140	32
12672-29-6	Aroclor 1248	32	U	140	32
11097-69-1	Aroclor 1254	41	U	140	41
37324-23-5	Aroclor 1262	41	U	140	41
11100-14-4	Aroclor 1268	41	U	140	41

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004450.D
Lims ID: 460-72174-F-37-A Lab Sample ID: 460-72174-37
Client ID: PMP-10SW-WI
Sample Type: Client
Inject. Date: 11-Mar-2014 10:40:35 ALS Bottle#: 65 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 2.0000
Sample Info: 460-0010710-010
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 14:11:29 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:12:10

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.064	3.065	-0.001	2859768	424.8	
1	3.792	3.792	0.0	23514245	1765.1	
1	4.622	4.627	-0.005	41613874	1613.7	M
1	4.874	4.876	-0.002	10547801	1016.3	M
1	6.420	6.424	-0.004	20155421	2133.1	M
		Average of Peak Amounts =			1390.6	
2	2.025	2.035	-0.010	31337081	1141.8	
2	2.471	2.472	-0.001	79155857	1531.0	M
2	3.061	3.065	-0.004	139678297	1301.3	M
2	3.259	3.257	0.002	37427897	867.1	M
2	3.954	3.954	0.0	73633661	1709.8	M
		Average of Peak Amounts =			1310.2	
				RPD =	5.95	
10 PCB-1260						
1	0.0	7.957	-7.957	0	0	
1	8.430	8.423	0.007	7311110	289.2	M
1	10.077	10.075	0.002	5023953	262.7	
1	10.392	10.391	0.001	10718160	257.1	M
1	11.202	11.198	0.004	2677058	247.2	M
		Average of Peak Amounts =			264.1	
2	5.972	5.972	0.0	19205417	280.1	M
2	7.487	7.486	0.001	16515516	234.7	
2	8.122	8.121	0.001	38352650	252.1	
2	8.760	8.760	0.0	23504382	292.9	
2	10.055	10.058	-0.003	9396318	247.8	
		Average of Peak Amounts =			261.5	
				RPD =	0.96	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	11.647	11.636	0.011	9253619	28.8	
2	10.555	10.555	0.0	36714103	30.1	
					RPD = 4.57	

QC Flag Legend

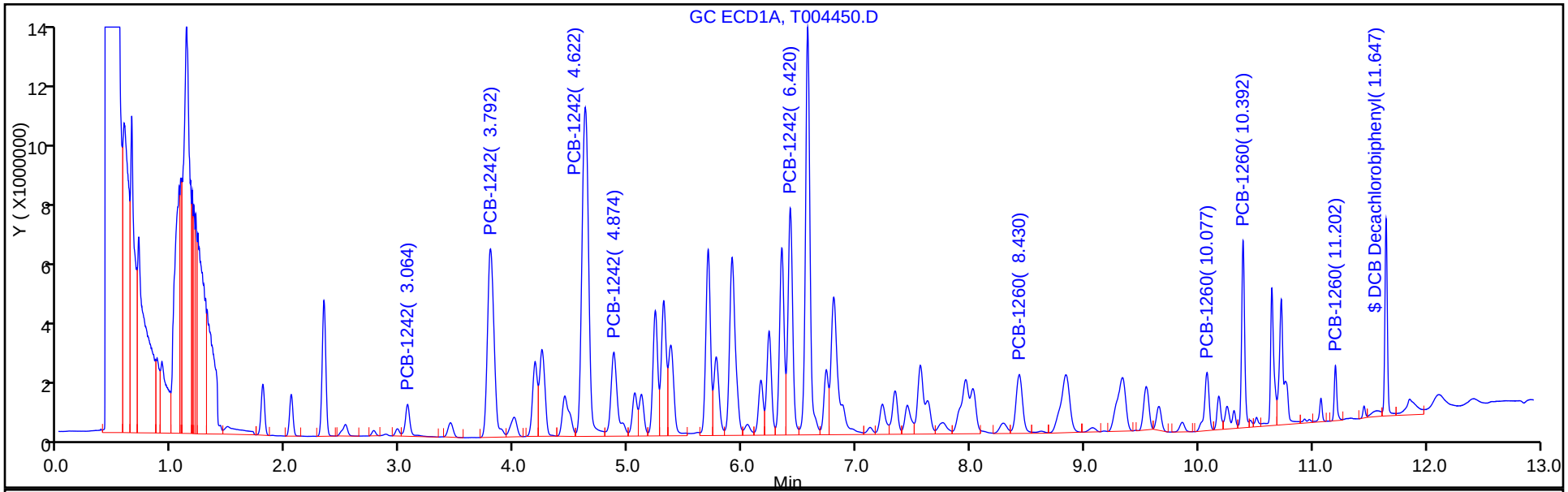
Review Flags
M - Manually Integrated

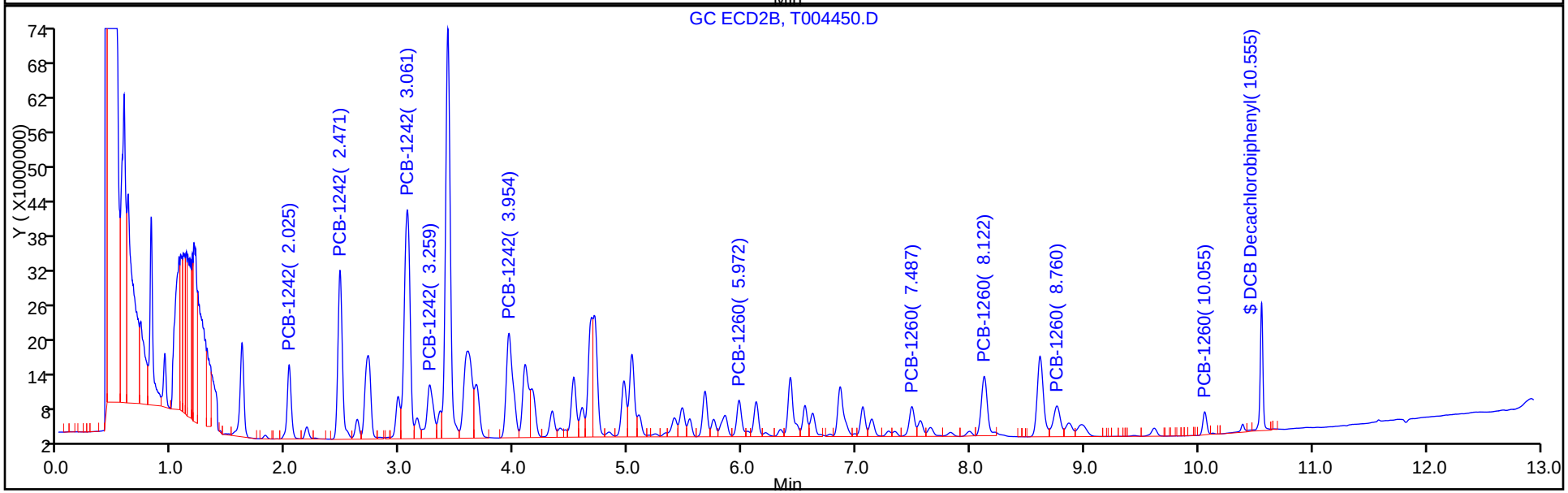
Report Date: 11-Mar-2014 14:12:00 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004450.D

Injection Date:	11-Mar-2014 10:40:35	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-37-A	Lab Sample ID:	460-72174-37	Worklist Smp#:	10
Client ID:	PMP-10SW-WI				
Injection Vol:	1.0 ul	Dil. Factor:	2.0000	ALS Bottle#:	65
Method:	8082GC11	Limit Group:	GC 8082 PCB		





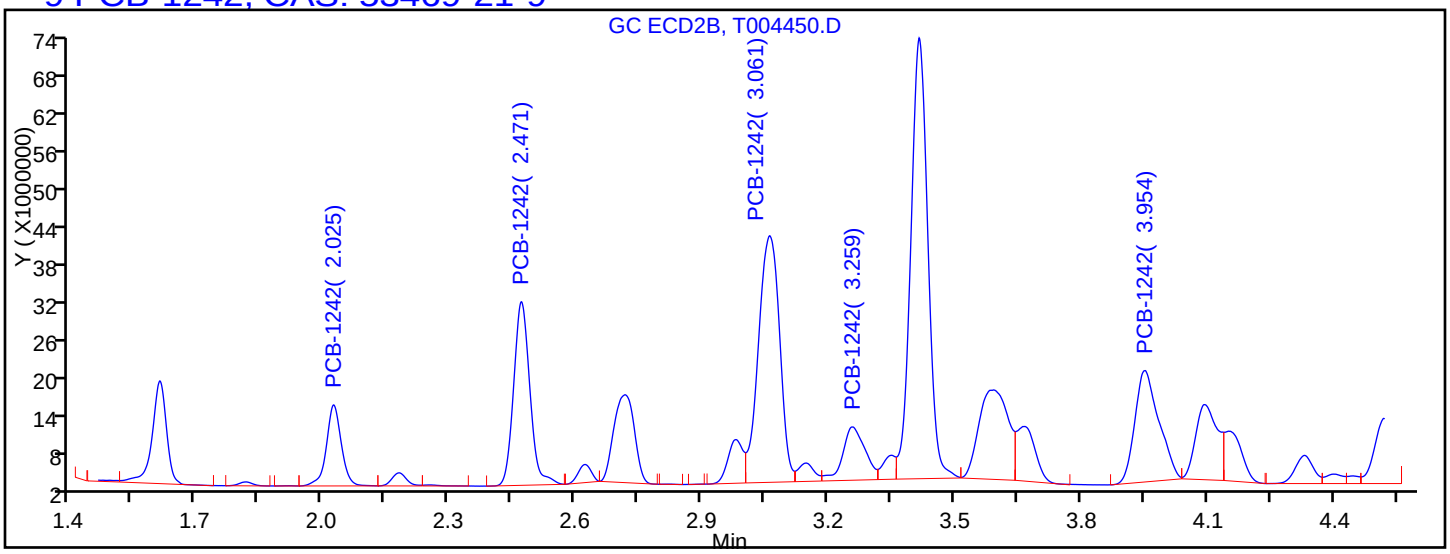
Report Date: 11-Mar-2014 14:12:00 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140311-10710.b\T004450.D

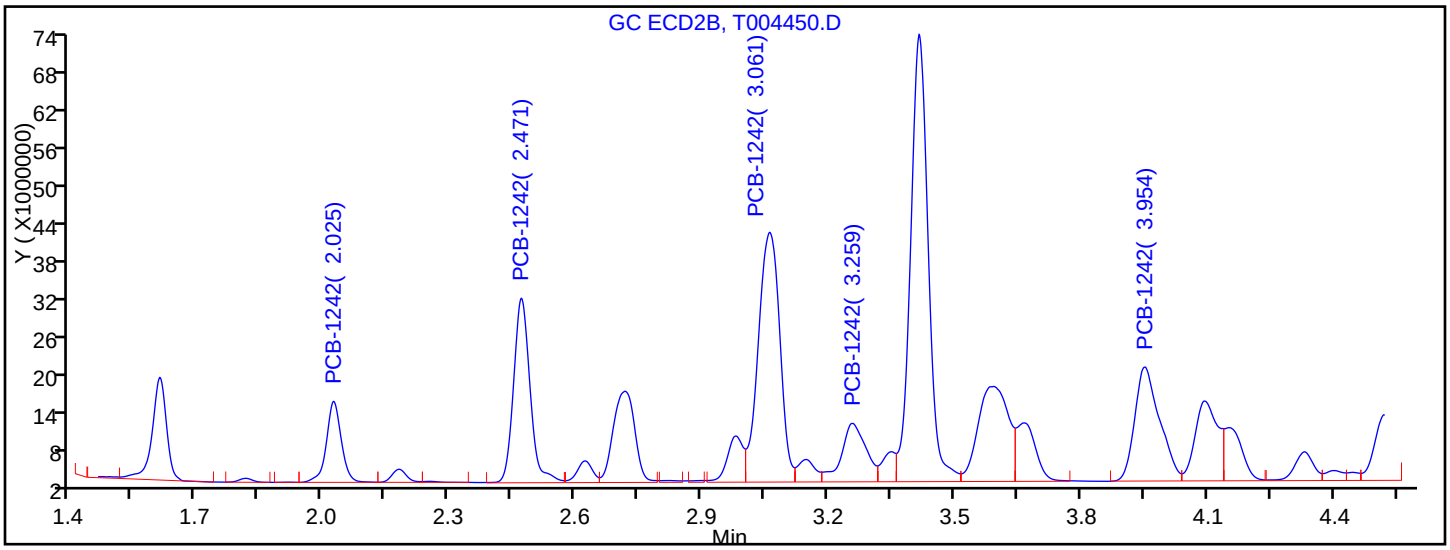
Injection Date:	11-Mar-2014 10:40:35	Instrument ID:	CPESTGC11		
Lims ID:	460-72174-F-37-A	Lab Sample ID:	460-72174-37		
Client ID:	PMP-10SW-WI				
Operator ID:		ALS Bottle#:	65	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.025	Response = 31337081	
RT = 2.471	Response = 77232993	M
RT = 3.061	Response = 135991190	M
RT = 3.259	Response = 30997153	M
RT = 3.954	Response = 69276956	M



Manual Integration Results

RT = 2.025	Response = 31337081	
RT = 2.471	Response = 79155857	M
RT = 3.061	Response = 139678297	M
RT = 3.259	Response = 37427897	M
RT = 3.954	Response = 73633661	M

Reviewer: patelji, 11-Mar-2014 12:12:10

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SI | Lab Sample ID: 460-72174-38

Matrix: Solid | Lab File ID: T004426.D

Analysis Method: 8082 | Date Collected: 03/06/2014 15:25

Extraction Method: 3546 | Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/11/2014 01:57

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211705 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	500		77	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004426.D
Lims ID: 460-72174-F-38-A Lab Sample ID: 460-72174-38
Client ID: PMP-10SW-SI
Sample Type: Client
Inject. Date: 11-Mar-2014 01:57:40 ALS Bottle#: 41 Worklist Smp#: 41
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-041
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:53:23 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 10:27:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.063	3.065	-0.002	4245951	630.6	
1	3.790	3.792	-0.002	8229091	617.7	M
1	4.627	4.627	0.0	17113820	663.6	M
1	4.875	4.876	-0.001	7157833	689.7	M
1	6.422	6.424	-0.002	6035355	638.7	M
		Average of Peak Amounts =			648.1	
2	2.035	2.035	0.0	15896121	579.2	
2	2.470	2.472	-0.002	31080520	601.1	
2	3.064	3.065	-0.001	66262137	617.3	M
2	3.256	3.257	-0.001	27322580	633.0	M
2	3.954	3.954	0.0	25071207	582.2	M
		Average of Peak Amounts =			602.6	
					RPD = 7.28	
$ 5 DCB Decachlorobiphenyl						
1	11.629	11.636	-0.007	17030705	52.9	
2	10.556	10.555	0.001	64741925	53.1	
					RPD = 0.30	

QC Flag Legend

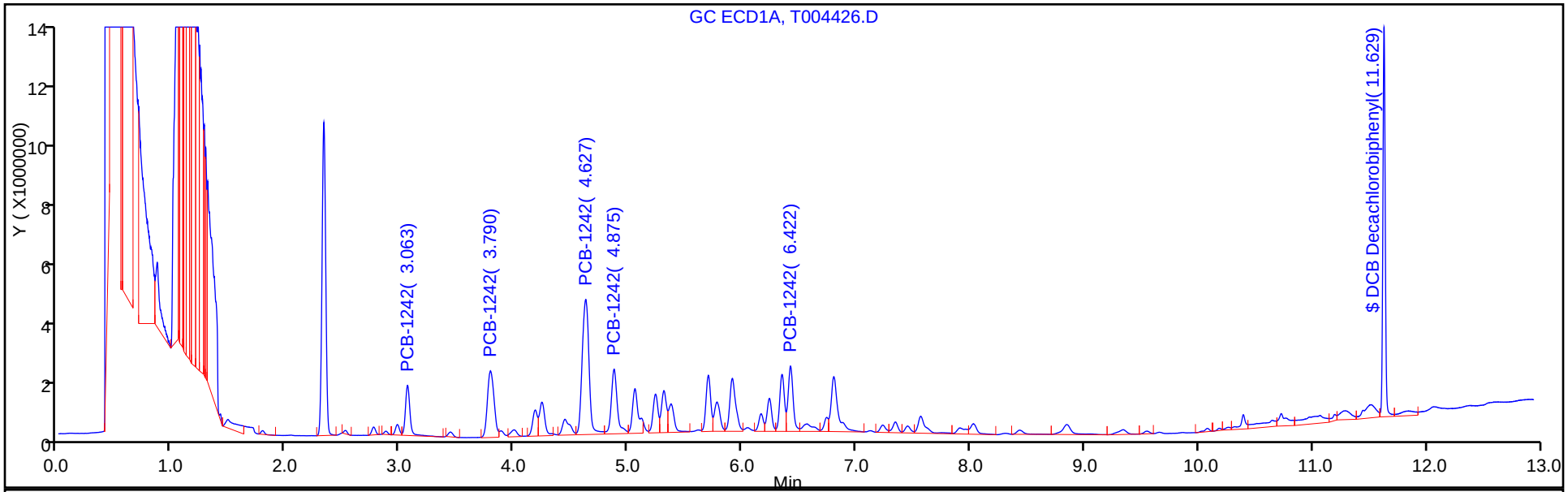
Review Flags
M - Manually Integrated

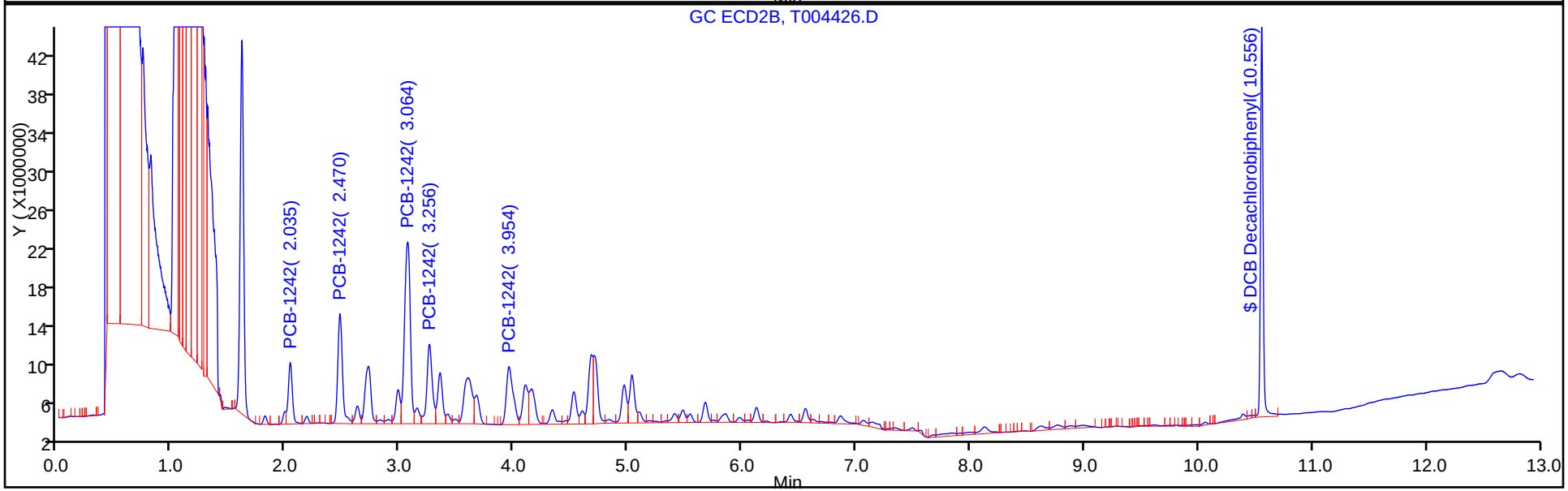
Report Date: 11-Mar-2014 10:54:19 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004426.D

Injection Date:	11-Mar-2014 01:57:40	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-38-A	Lab Sample ID:	460-72174-38	Worklist Smp#:	41
Client ID:	PMP-10SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	41
Method:	8082GC11	Limit Group:	GC 8082 PCB		





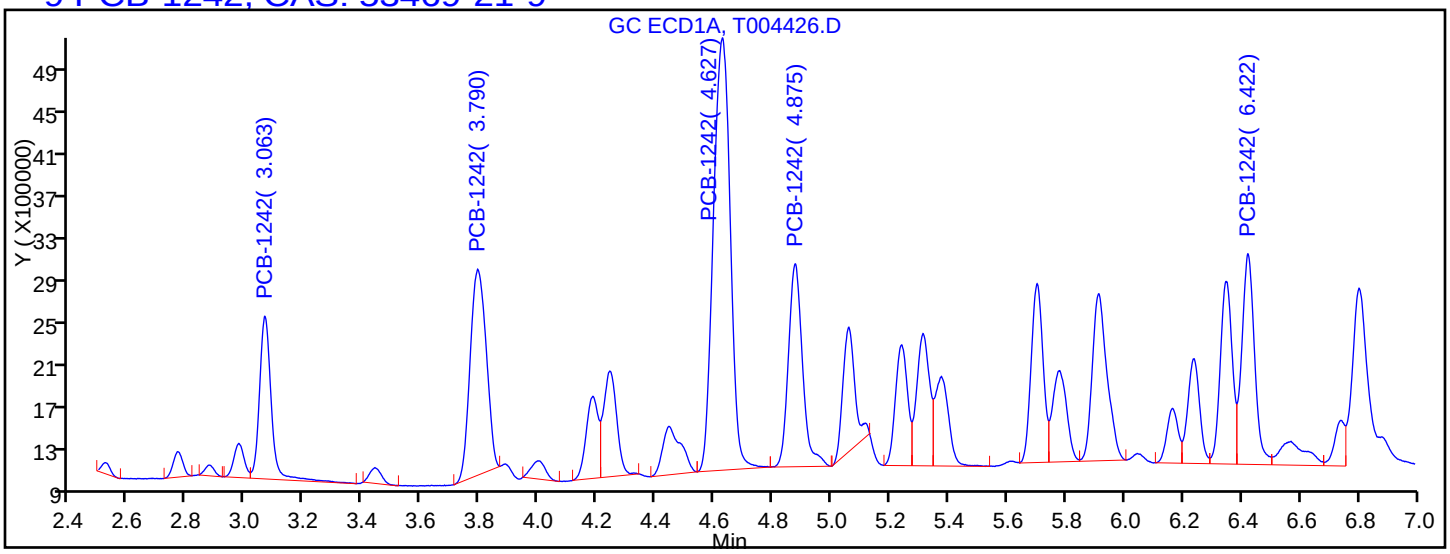
Report Date: 11-Mar-2014 10:54:19 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004426.D

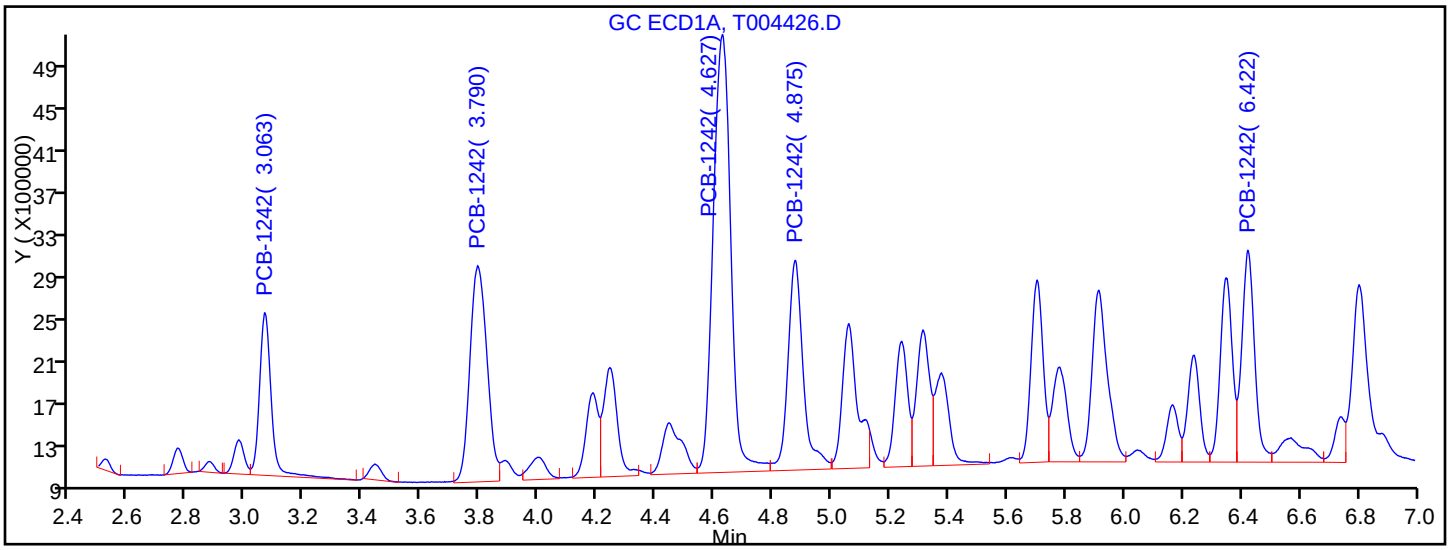
Injection Date:	11-Mar-2014 01:57:40	Instrument ID:	CPESTGC11
Lims ID:	460-72174-F-38-A	Lab Sample ID:	460-72174-38
Client ID:	PMP-10SW-SI		
Operator ID:		ALS Bottle#:	41 Worklist Smp#: 41
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082GC11	Limit Group:	GC 8082 PCB
Column:		Detector	GC ECD1A

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.063	Response = 4245951	
RT = 3.790	Response = 7362670	M
RT = 4.627	Response = 16252468	M
RT = 4.875	Response = 6359108	M
RT = 6.422	Response = 5954707	M



Manual Integration Results

RT = 3.063	Response = 4245951	
RT = 3.790	Response = 8229091	M
RT = 4.627	Response = 17113820	M
RT = 4.875	Response = 7157833	M
RT = 6.422	Response = 6035355	M

Reviewer: patelji, 11-Mar-2014 10:27:29

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SI Lab Sample ID: 460-72174-38

Matrix: Solid Lab File ID: T004426.D

Analysis Method: 8082 Date Collected: 03/06/2014 15:25

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.00(g) Date Analyzed: 03/11/2014 01:57

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211705 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	77	17
11104-28-2	Aroclor 1221	17	U	77	17
11141-16-5	Aroclor 1232	17	U	77	17
12672-29-6	Aroclor 1248	17	U	77	17
11097-69-1	Aroclor 1254	22	U	77	22
11096-82-5	Aroclor 1260	22	U	77	22
37324-23-5	Aroclor 1262	22	U	77	22
11100-14-4	Aroclor 1268	22	U	77	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004426.D
Lims ID: 460-72174-F-38-A Lab Sample ID: 460-72174-38
Client ID: PMP-10SW-SI
Sample Type: Client
Inject. Date: 11-Mar-2014 01:57:40 ALS Bottle#: 41 Worklist Smp#: 41
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-041
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:53:23 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 10:27:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.063	3.065	-0.002	4245951	630.6	
1	3.790	3.792	-0.002	8229091	617.7	M
1	4.627	4.627	0.0	17113820	663.6	M
1	4.875	4.876	-0.001	7157833	689.7	M
1	6.422	6.424	-0.002	6035355	638.7	M
		Average of Peak Amounts =			648.1	
2	2.035	2.035	0.0	15896121	579.2	
2	2.470	2.472	-0.002	31080520	601.1	
2	3.064	3.065	-0.001	66262137	617.3	M
2	3.256	3.257	-0.001	27322580	633.0	M
2	3.954	3.954	0.0	25071207	582.2	M
		Average of Peak Amounts =			602.6	
					RPD = 7.28	
$ 5 DCB Decachlorobiphenyl						
1	11.629	11.636	-0.007	17030705	52.9	
2	10.556	10.555	0.001	64741925	53.1	
					RPD = 0.30	

QC Flag Legend

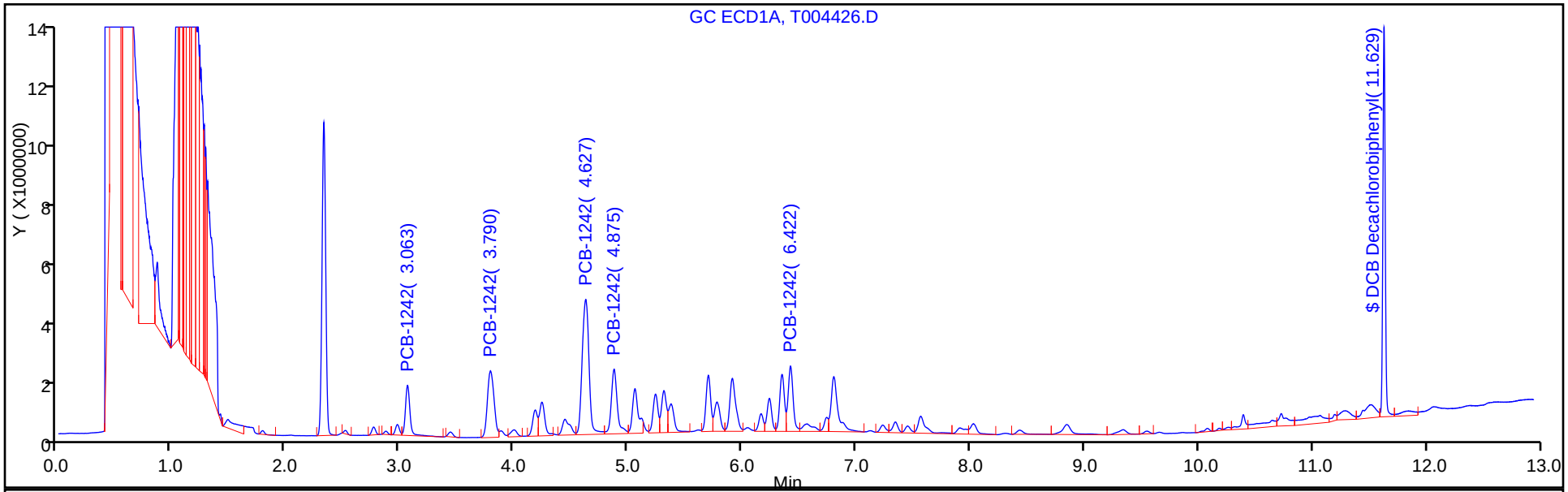
Review Flags
M - Manually Integrated

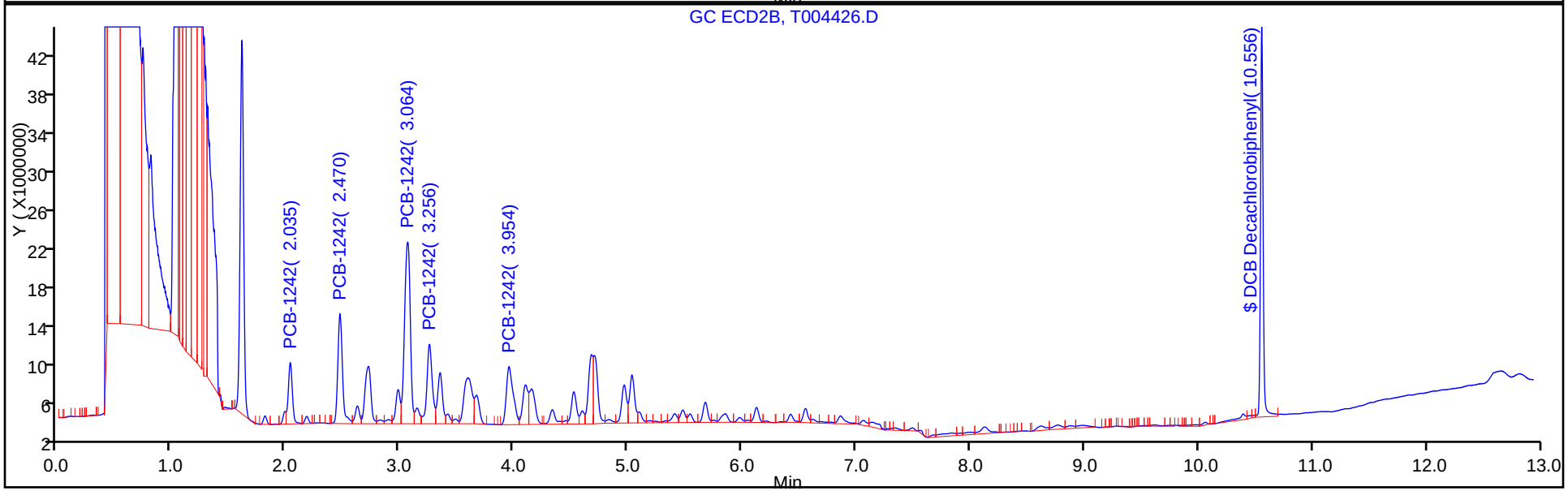
Report Date: 11-Mar-2014 10:54:19 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004426.D

Injection Date:	11-Mar-2014 01:57:40	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-72174-F-38-A	Lab Sample ID:	460-72174-38	Worklist Smp#:	41
Client ID:	PMP-10SW-SI				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	41
Method:	8082GC11	Limit Group:	GC 8082 PCB		





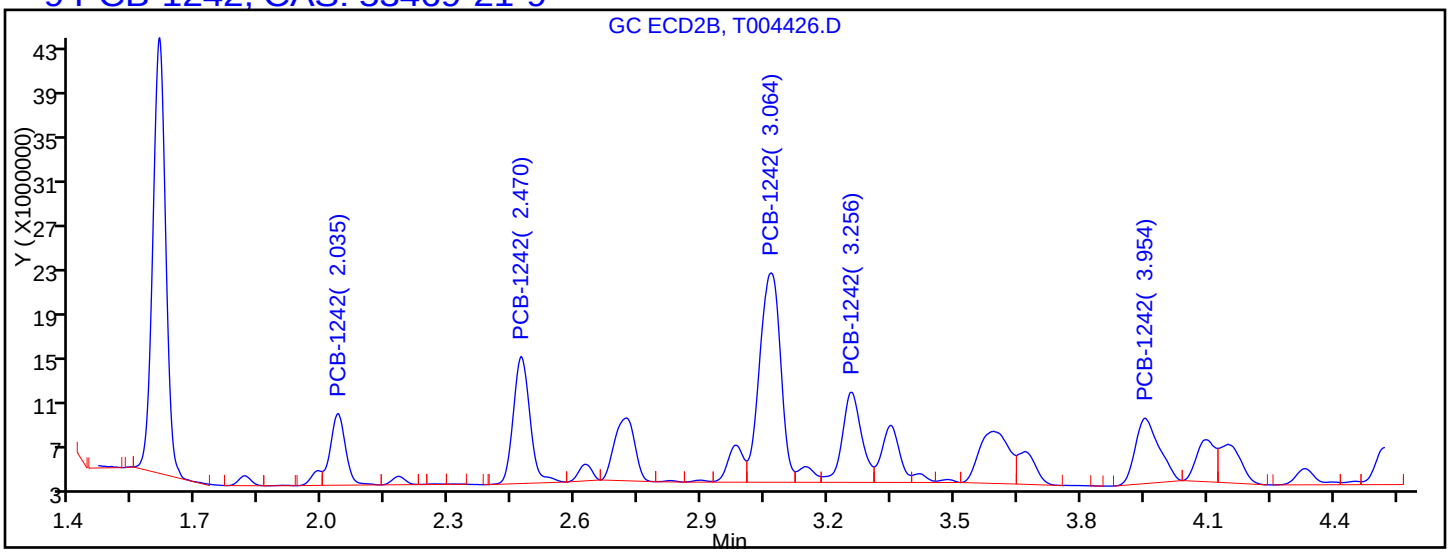
Report Date: 11-Mar-2014 10:54:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004426.D

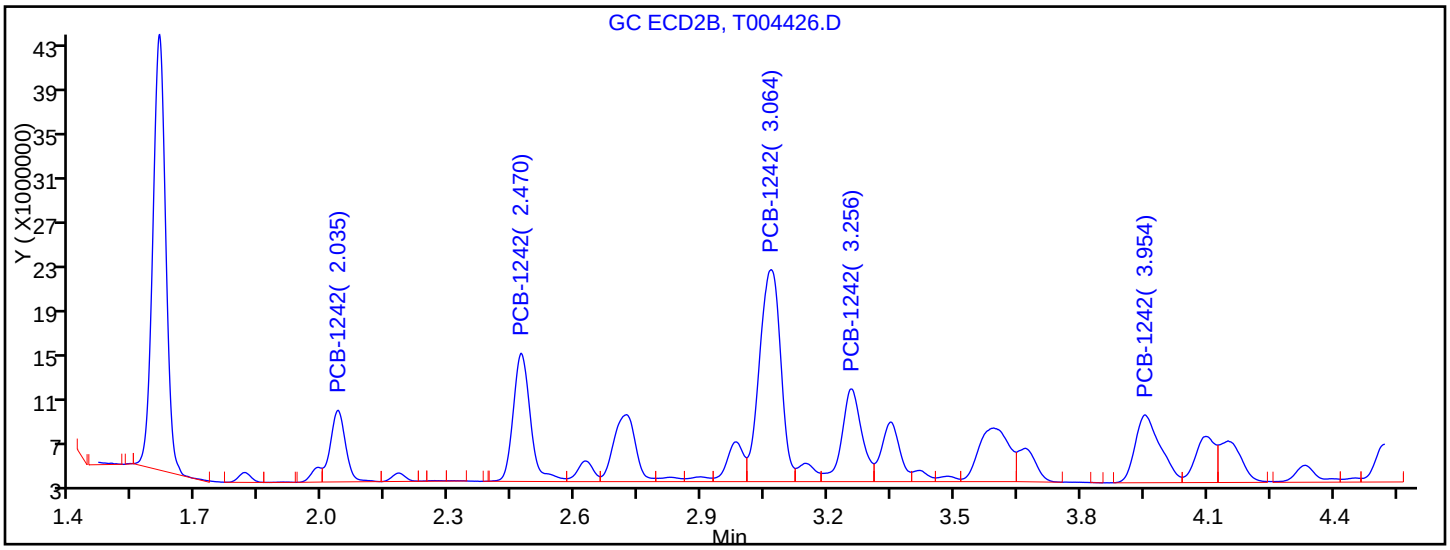
Injection Date:	11-Mar-2014 01:57:40	Instrument ID:	CPESTGC11		
Lims ID:	460-72174-F-38-A	Lab Sample ID:	460-72174-38		
Client ID:	PMP-10SW-SI				
Operator ID:		ALS Bottle#:	41	Worklist Smp#:	41
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.035	Response = 15896121	
RT = 2.470	Response = 31080520	
RT = 3.064	Response = 64634110	M
RT = 3.256	Response = 25614272	M
RT = 3.954	Response = 22768986	M



Manual Integration Results

RT = 2.035	Response = 15896121	
RT = 2.470	Response = 31080520	
RT = 3.064	Response = 66262137	M
RT = 3.256	Response = 27322580	M
RT = 3.954	Response = 25071207	M

Reviewer: patelji, 11-Mar-2014 10:27:29

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:49 Calibration End Date: 03/10/2014 15:13 Calibration ID: 36083

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/3	T004388.D
Level 2	IC 460-211675/4	T004389.D
Level 3	IC 460-211675/5	T004390.D
Level 4	IC 460-211675/6	T004391.D
Level 5	IC 460-211675/7	T004392.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	3.063	3.061	3.060	3.072	3.063						2.990 - 3.130	3.064
PCB-1016 Peak 2	3.788	3.787	3.789	3.801	3.792						3.719 - 3.859	3.791
PCB-1016 Peak 3	4.622	4.625	4.621	4.633	4.626						4.551 - 4.691	4.625
PCB-1016 Peak 4	5.698	5.699	5.697	5.711	5.699						5.627 - 5.767	5.701
PCB-1016 Peak 5	5.907	5.908	5.909	5.920	5.911						5.839 - 5.979	5.911
PCB-1260 Peak 1	7.958	7.958	7.957	7.971	7.962						7.887 - 8.027	7.961
PCB-1260 Peak 2	8.426	8.426	8.423	8.442	8.428						8.353 - 8.493	8.429
PCB-1260 Peak 3	10.074	10.076	10.075	10.084	10.077						10.005 - 10.145	10.077
PCB-1260 Peak 4	10.391	10.391	10.391	10.397	10.392						10.321 - 10.461	10.392
PCB-1260 Peak 5	11.198	11.197	11.198	11.203	11.198						11.128 - 11.268	11.199
Tetrachloro-m-xylene	2.329	2.329	2.328	2.337	2.329						2.278 - 2.378	2.330
DCB Decachlorobiphenyl	11.639	11.638	11.636	11.643	11.636						11.536 - 11.736	11.638

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:49 Calibration End Date: 03/10/2014 15:13 Calibration ID: 36083

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/3	T004388.D
Level 2	IC 460-211675/4	T004389.D
Level 3	IC 460-211675/5	T004390.D
Level 4	IC 460-211675/6	T004391.D
Level 5	IC 460-211675/7	T004392.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	7932.6 7569.0	7769.7	7528.5	7484.6	Ave		7656.87692				2.5		20.0			
PCB-1016 Peak 2	16429 15584	15346	15243	15893	Ave		15698.9917				3.0		20.0			
PCB-1016 Peak 3	32802 32790	31529	32386	32080	Ave		32317.4477				1.7		20.0			
PCB-1016 Peak 4	10049 9686.7	9723.7	9905.5	9570.5	Ave		9787.12515				1.9		20.0			
PCB-1016 Peak 5	11551 11241	11327	11572	10985	Ave		11335.1285				2.1		20.0			
PCB-1260 Peak 1	21454 20793	20434	20931	21023	Ave		20927.1126				1.8		20.0			
PCB-1260 Peak 2	26761 24700	24442	25235	25243	Ave		25276.2915				3.6		20.0			
PCB-1260 Peak 3	18707 19768	18159	19050	19928	Ave		19122.4615				3.9		20.0			
PCB-1260 Peak 4	42668 42786	39150	40788	43073	Ave		41693.1299				4.0		20.0			
PCB-1260 Peak 5	11733 10729	10303	10459	10922	Ave		10829.3810				5.2		20.0			
Tetrachloro-m-xylene	389810 429906	425805	427466	442221	Ave		423041.780				4.6		20.0			
DCB Decachlorobiphenyl	311280 316194	328352	325774	326963	Ave		321712.447				2.3		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:49 Calibration End Date: 03/10/2014 15:13 Calibration ID: 36083

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/3	T004388.D
Level 2	IC 460-211675/4	T004389.D
Level 3	IC 460-211675/5	T004390.D
Level 4	IC 460-211675/6	T004391.D
Level 5	IC 460-211675/7	T004392.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	793262	3884829	7528459	11226954	18922529	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	1642923	7672961	15243074	23838965	38960223	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	3280220	15764611	32385583	48119910	81975734	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	1004923	4861846	9905516	14355689	24216821	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	1155100	5663363	11571624	16478101	28102229	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	2145430	10217165	20931464	31533948	51982093	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	2676096	12220966	25235399	37864720	61750050	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	1870725	9079480	19050228	29892148	49419427	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	4266821	19575054	40788358	64609689	106964619	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	1173331	5151717	10459255	16383180	26821965	100	500	1000	1500	2500
Tetrachloro-m-xylene	Ave	9745251	21290272	42746646	66333086	85981277	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	7781988	16417575	32577448	49044386	63238832	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:49 Calibration End Date: 03/10/2014 15:13 Calibration ID: 36084

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/3	T004388.D
Level 2	IC 460-211675/4	T004389.D
Level 3	IC 460-211675/5	T004390.D
Level 4	IC 460-211675/6	T004391.D
Level 5	IC 460-211675/7	T004392.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.031	2.035	2.034	2.035	2.035						1.964 - 2.104	2.034
PCB-1016 Peak 2	2.470	2.470	2.469	2.472	2.471						2.399 - 2.539	2.470
PCB-1016 Peak 3	3.063	3.064	3.061	3.067	3.066						2.991 - 3.131	3.064
PCB-1016 Peak 4	3.253	3.253	3.253	3.257	3.255						3.183 - 3.323	3.254
PCB-1016 Peak 5	3.953	3.951	3.952	3.956	3.952						3.882 - 4.022	3.953
PCB-1260 Peak 1	5.971	5.971	5.972	5.975	5.973						5.902 - 6.042	5.972
PCB-1260 Peak 2	7.489	7.488	7.486	7.496	7.489						7.416 - 7.556	7.490
PCB-1260 Peak 3	8.122	8.122	8.121	8.130	8.122						8.051 - 8.191	8.123
PCB-1260 Peak 4	8.762	8.761	8.760	8.768	8.763						8.690 - 8.830	8.763
PCB-1260 Peak 5	10.056	10.058	10.058	10.063	10.059						9.988 - 10.128	10.059
Tetrachloro-m-xylene	1.610	1.611	1.610	1.610	1.611						1.560 - 1.660	1.610
DCB Decachlorobiphenyl	10.555	10.555	10.555	10.558	10.556						10.455 - 10.655	10.556

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:49 Calibration End Date: 03/10/2014 15:13 Calibration ID: 36084

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/3	T004388.D
Level 2	IC 460-211675/4	T004389.D
Level 3	IC 460-211675/5	T004390.D
Level 4	IC 460-211675/6	T004391.D
Level 5	IC 460-211675/7	T004392.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	38286 29419	30722	31646	31925	Ave		32399.5933				11.0		20.0			
PCB-1016 Peak 2	60887 57944	60605	59155	58060	Ave		59330.1827				2.3		20.0			
PCB-1016 Peak 3	125302 119582	121473	124617	124432	Ave		123081.167				2.0		20.0			
PCB-1016 Peak 4	43414 49681	50453	50768	49570	Ave		48777.3093				6.2		20.0			
PCB-1016 Peak 5	47758 47390	43766	46517	47880	Ave		46661.9670				3.7		20.0			
PCB-1260 Peak 1	75446 68005	66237	64745	68391	Ave		68564.6629				6.0		20.0			
PCB-1260 Peak 2	75887 69722	67249	69059	69904	Ave		70364.5877				4.6		20.0			
PCB-1260 Peak 3	149458 157753	144578	151567	157175	Ave		152106.261				3.6		20.0			
PCB-1260 Peak 4	85571 80902	76201	77908	80625	Ave		80241.2577				4.4		20.0			
PCB-1260 Peak 5	36593 39099	36721	37715	39497	Ave		37925.1098				3.5		20.0			
Tetrachloro-m-xylene	1942011 1680640	1834840	1812823	1832105	Ave		1820483.72				5.1		20.0			
DCB Decachlorobiphenyl	1216313 1162957	1249157	1235406	1233031	Ave		1219372.55				2.8		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:49 Calibration End Date: 03/10/2014 15:13 Calibration ID: 36084

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/3	T004388.D
Level 2	IC 460-211675/4	T004389.D
Level 3	IC 460-211675/5	T004390.D
Level 4	IC 460-211675/6	T004391.D
Level 5	IC 460-211675/7	T004392.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	3828559	15360842	31646243	47887518	73548594	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	6088702	30302712	59155093	87089608	144859094	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	12530210	60736384	124616675	186647789	298956079	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	4341430	25226288	50768331	74355302	124202846	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	4775753	21882824	46516557	71820649	118474168	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	7544592	33118253	64744789	102586788	170012269	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	7588749	33624691	69059103	104856733	174306187	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	14945756	72289079	151566860	235763090	394383330	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	8557070	38100448	77908355	120936848	202254430	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	3659306	18360527	37715310	59246223	97746608	100	500	1000	1500	2500
Tetrachloro-m-xylene	Ave	48550268	91742013	181282289	274815772	336127916	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	30407819	62457830	123540571	184954630	232591360	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 15:32 Calibration End Date: 03/10/2014 15:32 Calibration ID: 36089

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/8	T004393.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.730										1.660 - 1.800	1.730
PCB-1221 Peak 2	2.768										2.698 - 2.838	2.768
PCB-1221 Peak 3	2.975										2.905 - 3.045	2.975
PCB-1221 Peak 4	3.065										2.995 - 3.135	3.065
PCB-1221 Peak 5	3.887										3.817 - 3.957	3.887

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 15:32 Calibration End Date: 03/10/2014 15:32 Calibration ID: 36089

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/8	T004393.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	3978.5				Ave		3978.54900						20.0			
PCB-1221 Peak 2	4641.1				Ave		4641.14500						20.0			
PCB-1221 Peak 3	3099.2				Ave		3099.20900						20.0			
PCB-1221 Peak 4	11498				Ave		11498.1160						20.0			
PCB-1221 Peak 5	1338.2				Ave		1338.22000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 15:32 Calibration End Date: 03/10/2014 15:32 Calibration ID: 36089

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/8	T004393.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	3978549					1000				
PCB-1221 Peak 2	Ave	4641145					1000				
PCB-1221 Peak 3	Ave	3099209					1000				
PCB-1221 Peak 4	Ave	11498116					1000				
PCB-1221 Peak 5	Ave	1338220					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 15:32 Calibration End Date: 03/10/2014 15:32 Calibration ID: 36090

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/8	T004393.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.080										1.010 - 1.150	1.080
PCB-1221 Peak 2	1.815										1.745 - 1.885	1.815
PCB-1221 Peak 3	2.035										1.965 - 2.105	2.035
PCB-1221 Peak 4	2.627										2.557 - 2.697	2.627
PCB-1221 Peak 5	3.068										2.998 - 3.138	3.068

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 15:32 Calibration End Date: 03/10/2014 15:32 Calibration ID: 36090

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/8	T004393.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	18214				Ave		18214.2250						20.0			
PCB-1221 Peak 2	18111				Ave		18111.1630						20.0			
PCB-1221 Peak 3	47318				Ave		47318.2010						20.0			
PCB-1221 Peak 4	7056.2				Ave		7056.15100						20.0			
PCB-1221 Peak 5	8349.2				Ave		8349.21200						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 15:32 Calibration End Date: 03/10/2014 15:32 Calibration ID: 36090

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/8	T004393.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	18214225					1000				
PCB-1221 Peak 2	Ave	18111163					1000				
PCB-1221 Peak 3	Ave	47318201					1000				
PCB-1221 Peak 4	Ave	7056151					1000				
PCB-1221 Peak 5	Ave	8349212					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 15:51 Calibration End Date: 03/10/2014 15:51 Calibration ID: 36095

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/9	T004394.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	3.063										2.993 - 3.133	3.063
PCB-1232 Peak 2	3.790										3.720 - 3.860	3.790
PCB-1232 Peak 3	4.875										4.805 - 4.945	4.875
PCB-1232 Peak 4	5.701										5.631 - 5.771	5.701
PCB-1232 Peak 5	5.909										5.839 - 5.979	5.909

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 15:51 Calibration End Date: 03/10/2014 15:51 Calibration ID: 36095

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/9	T004394.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	9378.2				Ave		9378.18400						20.0			
PCB-1232 Peak 2	7042.5				Ave		7042.46900						20.0			
PCB-1232 Peak 3	5517.8				Ave		5517.84200						20.0			
PCB-1232 Peak 4	3760.3				Ave		3760.31600						20.0			
PCB-1232 Peak 5	4260.3				Ave		4260.27300						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 15:51 Calibration End Date: 03/10/2014 15:51 Calibration ID: 36095

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/9	T004394.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	9378184					1000				
PCB-1232 Peak 2	Ave	7042469					1000				
PCB-1232 Peak 3	Ave	5517842					1000				
PCB-1232 Peak 4	Ave	3760316					1000				
PCB-1232 Peak 5	Ave	4260273					1000				

Curve Type Legend:

Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 15:51 Calibration End Date: 03/10/2014 15:51 Calibration ID: 36096

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/9	T004394.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.034										1.964 - 2.104	2.034
PCB-1232 Peak 2	2.470										2.400 - 2.540	2.470
PCB-1232 Peak 3	3.065										2.995 - 3.135	3.065
PCB-1232 Peak 4	3.255										3.185 - 3.325	3.255
PCB-1232 Peak 5	3.953										3.883 - 4.023	3.953

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 15:51 Calibration End Date: 03/10/2014 15:51 Calibration ID: 36096

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/9	T004394.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	38379				Ave		38378.7840						20.0			
PCB-1232 Peak 2	26269				Ave		26269.2810						20.0			
PCB-1232 Peak 3	54867				Ave		54866.7080						20.0			
PCB-1232 Peak 4	21520				Ave		21519.7450						20.0			
PCB-1232 Peak 5	19388				Ave		19387.7270						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 15:51 Calibration End Date: 03/10/2014 15:51 Calibration ID: 36096

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/9	T004394.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	38378784					1000				
PCB-1232 Peak 2	Ave	26269281					1000				
PCB-1232 Peak 3	Ave	54866708					1000				
PCB-1232 Peak 4	Ave	21519745					1000				
PCB-1232 Peak 5	Ave	19387727					1000				

Curve Type Legend:

Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 16:10 Calibration End Date: 03/10/2014 16:10 Calibration ID: 36101

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/10	T004395.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	3.065										2.995 - 3.135	3.065
PCB-1242 Peak 2	3.792										3.722 - 3.862	3.792
PCB-1242 Peak 3	4.627										4.557 - 4.697	4.627
PCB-1242 Peak 4	4.876										4.806 - 4.946	4.876
PCB-1242 Peak 5	6.424										6.354 - 6.494	6.424

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 16:10 Calibration End Date: 03/10/2014 16:10 Calibration ID: 36101

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/10	T004395.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	6732.7				Ave		6732.73900						20.0			
PCB-1242 Peak 2	13322				Ave		13321.5430						20.0			
PCB-1242 Peak 3	25788				Ave		25788.4190						20.0			
PCB-1242 Peak 4	10379				Ave		10378.6080						20.0			
PCB-1242 Peak 5	9448.8				Ave		9448.79500						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 16:10 Calibration End Date: 03/10/2014 16:10 Calibration ID: 36101

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/10	T004395.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	6732739					1000				
PCB-1242 Peak 2	Ave	13321543					1000				
PCB-1242 Peak 3	Ave	25788419					1000				
PCB-1242 Peak 4	Ave	10378608					1000				
PCB-1242 Peak 5	Ave	9448795					1000				

Curve Type Legend:

Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 16:10 Calibration End Date: 03/10/2014 16:10 Calibration ID: 36102

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/10	T004395.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.035										1.965 - 2.105	2.035
PCB-1242 Peak 2	2.472										2.402 - 2.542	2.472
PCB-1242 Peak 3	3.065										2.995 - 3.135	3.065
PCB-1242 Peak 4	3.257										3.187 - 3.327	3.257
PCB-1242 Peak 5	3.954										3.884 - 4.024	3.954

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 16:10 Calibration End Date: 03/10/2014 16:10 Calibration ID: 36102

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/10	T004395.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	27446				Ave		27445.9530						20.0			
PCB-1242 Peak 2	51703				Ave		51702.8780						20.0			
PCB-1242 Peak 3	107340				Ave		107339.988						20.0			
PCB-1242 Peak 4	43162				Ave		43162.1060						20.0			
PCB-1242 Peak 5	43066				Ave		43066.2090						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 16:10 Calibration End Date: 03/10/2014 16:10 Calibration ID: 36102

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/10	T004395.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	27445953					1000				
PCB-1242 Peak 2	Ave	51702878					1000				
PCB-1242 Peak 3	Ave	107339988					1000				
PCB-1242 Peak 4	Ave	43162106					1000				
PCB-1242 Peak 5	Ave	43066209					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 16:29 Calibration End Date: 03/10/2014 16:29 Calibration ID: 36107

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/11	T004396.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.789										3.719 - 3.859	3.789
PCB-1248 Peak 2	4.624										4.554 - 4.694	4.624
PCB-1248 Peak 3	5.239										5.169 - 5.309	5.239
PCB-1248 Peak 4	6.347										6.277 - 6.417	6.347
PCB-1248 Peak 5	6.423										6.353 - 6.493	6.423

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 16:29 Calibration End Date: 03/10/2014 16:29 Calibration ID: 36107

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/11	T004396.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	6908.1				Ave		6908.10200						20.0			
PCB-1248 Peak 2	16765				Ave		16764.7340						20.0			
PCB-1248 Peak 3	10249				Ave		10248.9540						20.0			
PCB-1248 Peak 4	13808				Ave		13807.8680						20.0			
PCB-1248 Peak 5	15881				Ave		15881.1710						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 16:29 Calibration End Date: 03/10/2014 16:29 Calibration ID: 36107

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/11	T004396.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	6908102					1000				
PCB-1248 Peak 2	Ave	16764734					1000				
PCB-1248 Peak 3	Ave	10248954					1000				
PCB-1248 Peak 4	Ave	13807868					1000				
PCB-1248 Peak 5	Ave	15881171					1000				

Curve Type Legend:

Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 16:29 Calibration End Date: 03/10/2014 16:29 Calibration ID: 36108

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/11	T004396.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.470										2.400 - 2.540	2.470
PCB-1248 Peak 2	3.061										2.991 - 3.131	3.061
PCB-1248 Peak 3	3.954										3.884 - 4.024	3.954
PCB-1248 Peak 4	4.675										4.605 - 4.745	4.675
PCB-1248 Peak 5	5.034										4.964 - 5.104	5.034

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 16:29 Calibration End Date: 03/10/2014 16:29 Calibration ID: 36108

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/11	T004396.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	26335				Ave		26334.6590						20.0			
PCB-1248 Peak 2	70606				Ave		70606.1960						20.0			
PCB-1248 Peak 3	66855				Ave		66854.6290						20.0			
PCB-1248 Peak 4	112780				Ave		112779.656						20.0			
PCB-1248 Peak 5	50028				Ave		50027.7450						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 16:29 Calibration End Date: 03/10/2014 16:29 Calibration ID: 36108

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/11	T004396.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	26334659					1000				
PCB-1248 Peak 2	Ave	70606196					1000				
PCB-1248 Peak 3	Ave	66854629					1000				
PCB-1248 Peak 4	Ave	112779656					1000				
PCB-1248 Peak 5	Ave	50027745					1000				

Curve Type Legend:

Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 16:48 Calibration End Date: 03/10/2014 16:48 Calibration ID: 36113

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/12	T004397.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	6.417										6.347 - 6.487	6.417
PCB-1254 Peak 2	6.737										6.667 - 6.807	6.737
PCB-1254 Peak 3	7.340										7.270 - 7.410	7.340
PCB-1254 Peak 4	7.561										7.491 - 7.631	7.561
PCB-1254 Peak 5	9.338										9.268 - 9.408	9.338

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 16:48 Calibration End Date: 03/10/2014 16:48 Calibration ID: 36113

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/12	T004397.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	16128				Ave		16128.3270						20.0			
PCB-1254 Peak 2	18264				Ave		18263.8340						20.0			
PCB-1254 Peak 3	14154				Ave		14154.2400						20.0			
PCB-1254 Peak 4	30228				Ave		30227.6320						20.0			
PCB-1254 Peak 5	27016				Ave		27016.2260						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 16:48 Calibration End Date: 03/10/2014 16:48 Calibration ID: 36113

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/12	T004397.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	16128327					1000				
PCB-1254 Peak 2	Ave	18263834					1000				
PCB-1254 Peak 3	Ave	14154240					1000				
PCB-1254 Peak 4	Ave	30227632					1000				
PCB-1254 Peak 5	Ave	27016226					1000				

Curve Type Legend:

Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 16:48 Calibration End Date: 03/10/2014 16:48 Calibration ID: 36114

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/12	T004397.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	5.475										5.405 - 5.545	5.475
PCB-1254 Peak 2	5.674										5.604 - 5.744	5.674
PCB-1254 Peak 3	6.122										6.052 - 6.192	6.122
PCB-1254 Peak 4	6.421										6.351 - 6.491	6.421
PCB-1254 Peak 5	6.860										6.790 - 6.930	6.860

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 16:48 Calibration End Date: 03/10/2014 16:48 Calibration ID: 36114

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/12	T004397.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	54189				Ave		54188.6490						20.0			
PCB-1254 Peak 2	97658				Ave		97658.2940						20.0			
PCB-1254 Peak 3	71933				Ave		71932.5000						20.0			
PCB-1254 Peak 4	64383				Ave		64383.4230						20.0			
PCB-1254 Peak 5	96792				Ave		96791.9870						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 16:48 Calibration End Date: 03/10/2014 16:48 Calibration ID: 36114

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/12	T004397.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	54188649					1000				
PCB-1254 Peak 2	Ave	97658294					1000				
PCB-1254 Peak 3	Ave	71932500					1000				
PCB-1254 Peak 4	Ave	64383423					1000				
PCB-1254 Peak 5	Ave	96791987					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 17:07 Calibration End Date: 03/10/2014 17:07 Calibration ID: 36119

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/13	T004398.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	7.959										7.889 - 8.029	7.959
PCB-1262 Peak 2	8.427										8.357 - 8.497	8.427
PCB-1262 Peak 3	9.542										9.472 - 9.612	9.542
PCB-1262 Peak 4	10.725										10.655 - 10.795	10.725
PCB-1262 Peak 5	11.204										11.134 - 11.274	11.204

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 17:07 Calibration End Date: 03/10/2014 17:07 Calibration ID: 36119

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/13	T004398.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	17860				Ave		17860.4780						20.0			
PCB-1262 Peak 2	21122				Ave		21122.0180						20.0			
PCB-1262 Peak 3	28409				Ave		28408.7060						20.0			
PCB-1262 Peak 4	35143				Ave		35143.3510						20.0			
PCB-1262 Peak 5	17772				Ave		17771.5470						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 17:07 Calibration End Date: 03/10/2014 17:07 Calibration ID: 36119

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/13	T004398.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	17860478					1000				
PCB-1262 Peak 2	Ave	21122018					1000				
PCB-1262 Peak 3	Ave	28408706					1000				
PCB-1262 Peak 4	Ave	35143351					1000				
PCB-1262 Peak 5	Ave	17771547					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 17:07 Calibration End Date: 03/10/2014 17:07 Calibration ID: 36120

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/13	T004398.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	5.973										5.903 - 6.043	5.973
PCB-1262 Peak 2	7.057										6.987 - 7.127	7.057
PCB-1262 Peak 3	8.762										8.692 - 8.832	8.762
PCB-1262 Peak 4	8.975										8.905 - 9.045	8.975
PCB-1262 Peak 5	10.058										9.988 - 10.128	10.058

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 17:07 Calibration End Date: 03/10/2014 17:07 Calibration ID: 36120

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/13	T004398.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	57872				Ave		57871.5610						20.0			
PCB-1262 Peak 2	105039				Ave		105038.855						20.0			
PCB-1262 Peak 3	70126				Ave		70125.7080						20.0			
PCB-1262 Peak 4	86120				Ave		86120.2790						20.0			
PCB-1262 Peak 5	65200				Ave		65200.2850						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 17:07 Calibration End Date: 03/10/2014 17:07 Calibration ID: 36120

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/13	T004398.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	57871561					1000				
PCB-1262 Peak 2	Ave	105038855					1000				
PCB-1262 Peak 3	Ave	70125708					1000				
PCB-1262 Peak 4	Ave	86120279					1000				
PCB-1262 Peak 5	Ave	65200285					1000				

Curve Type Legend:

Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 17:26 Calibration End Date: 03/10/2014 17:26 Calibration ID: 36125

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/14	T004399.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	10.722										10.652 - 10.792	10.722
PCB-1268 Peak 2	10.762										10.692 - 10.832	10.762
PCB-1268 Peak 3	10.974										10.904 - 11.044	10.974
PCB-1268 Peak 4	11.202										11.132 - 11.272	11.202
PCB-1268 Peak 5	11.452										11.382 - 11.522	11.452

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 17:26 Calibration End Date: 03/10/2014 17:26 Calibration ID: 36125

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/14	T004399.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	51780				Ave		51779.7900						20.0			
PCB-1268 Peak 2	49266				Ave		49265.8950						20.0			
PCB-1268 Peak 3	39790				Ave		39790.3210						20.0			
PCB-1268 Peak 4	16909				Ave		16909.4370						20.0			
PCB-1268 Peak 5	130061				Ave		130061.459						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 17:26 Calibration End Date: 03/10/2014 17:26 Calibration ID: 36125

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/14	T004399.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	51779790					1000				
PCB-1268 Peak 2	Ave	49265895					1000				
PCB-1268 Peak 3	Ave	39790321					1000				
PCB-1268 Peak 4	Ave	16909437					1000				
PCB-1268 Peak 5	Ave	130061459					1000				

Curve Type Legend:

Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 17:26 Calibration End Date: 03/10/2014 17:26 Calibration ID: 36126

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/14	T004399.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	8.871										8.801 - 8.941	8.871
PCB-1268 Peak 2	8.969										8.899 - 9.039	8.969
PCB-1268 Peak 3	9.442										9.372 - 9.512	9.442
PCB-1268 Peak 4	10.061										9.991 - 10.131	10.061
PCB-1268 Peak 5	10.392										10.322 - 10.462	10.392

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 17:26 Calibration End Date: 03/10/2014 17:26 Calibration ID: 36126

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/14	T004399.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	197334				Ave		197334.277						20.0			
PCB-1268 Peak 2	192112				Ave		192111.682						20.0			
PCB-1268 Peak 3	158498				Ave		158498.021						20.0			
PCB-1268 Peak 4	67353				Ave		67352.8730						20.0			
PCB-1268 Peak 5	480660				Ave		480659.883						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 211675

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 17:26 Calibration End Date: 03/10/2014 17:26 Calibration ID: 36126

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211675/14	T004399.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	197334277					1000				
PCB-1268 Peak 2	Ave	192111682					1000				
PCB-1268 Peak 3	Ave	158498021					1000				
PCB-1268 Peak 4	Ave	67352873					1000				
PCB-1268 Peak 5	Ave	480659883					1000				

Curve Type Legend:

Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 13:10 Calibration End Date: 02/27/2014 14:16 Calibration ID: 35635

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/2	OR213856.D
Level 2	IC 460-209693/3	OR213857.D
Level 3	IC 460-209693/4	OR213858.D
Level 4	IC 460-209693/5	OR213859.D
Level 5	IC 460-209693/6	OR213860.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	3.050	3.048	3.045	3.047	3.045						2.975 - 3.115	3.047
PCB-1016 Peak 2	3.522	3.518	3.515	3.518	3.517						3.445 - 3.585	3.518
PCB-1016 Peak 3	4.063	4.060	4.057	4.060	4.058						3.987 - 4.127	4.060
PCB-1016 Peak 4	4.820	4.817	4.815	4.817	4.817						4.745 - 4.885	4.817
PCB-1016 Peak 5	4.980	4.977	4.973	4.977	4.975						4.903 - 5.043	4.976
PCB-1260 Peak 1	6.512	6.507	6.505	6.507	6.505						6.435 - 6.575	6.507
PCB-1260 Peak 2	6.852	6.847	6.845	6.847	6.845						6.775 - 6.915	6.847
PCB-1260 Peak 3	8.407	8.402	8.400	8.402	8.400						8.330 - 8.470	8.402
PCB-1260 Peak 4	8.950	8.945	8.942	8.943	8.942						8.872 - 9.012	8.944
PCB-1260 Peak 5	10.147	10.145	10.143	10.143	10.142						10.073 - 10.213	10.144
Tetrachloro-m-xylene	2.522	2.520	2.517	2.518	2.517						2.467 - 2.567	2.519
DCB Decachlorobiphenyl	10.657	10.658	10.655	10.655	10.655						10.555 - 10.755	10.656

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 13:10 Calibration End Date: 02/27/2014 14:16 Calibration ID: 35635

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/2	OR213856.D
Level 2	IC 460-209693/3	OR213857.D
Level 3	IC 460-209693/4	OR213858.D
Level 4	IC 460-209693/5	OR213859.D
Level 5	IC 460-209693/6	OR213860.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	169.91 161.25	166.13	169.29	161.80	Ave		165.677893				2.4		20.0			
PCB-1016 Peak 2	356.46 283.43	320.43	310.99	290.69	Ave		312.400480				9.2		20.0			
PCB-1016 Peak 3	580.54 546.86	565.07	558.58	542.12	Ave		558.633267				2.7		20.0			
PCB-1016 Peak 4	167.70 163.79	177.79	168.31	171.82	Ave		169.881253				3.1		20.0			
PCB-1016 Peak 5	209.59 252.01	260.40	257.92	251.44	Ave		246.270747				8.5		20.0			
PCB-1260 Peak 1	435.90 367.92	400.47	388.82	368.17	Ave		392.255440				7.2		20.0			
PCB-1260 Peak 2	476.39 441.36	471.74	460.34	438.71	Ave		457.706747				3.8		20.0			
PCB-1260 Peak 3	395.94 365.28	362.34	342.26	334.21	Ave		360.007600				6.7		20.0			
PCB-1260 Peak 4	812.55 741.14	748.72	739.54	720.98	Ave		752.585227				4.7		20.0			
PCB-1260 Peak 5	202.61 196.13	200.29	195.37	190.95	Ave		197.069840				2.3		20.0			
Tetrachloro-m-xylene	8842.4 8063.0	9177.5	8305.4	7971.2	Ave		8471.91233				6.1		20.0			
DCB Decachlorobiphenyl	5963.0 4945.4	5867.5	5102.4	4868.3	Ave		5349.31800				9.8		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 13:10 Calibration End Date: 02/27/2014 14:16 Calibration ID: 35635

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/2	OR213856.D
Level 2	IC 460-209693/3	OR213857.D
Level 3	IC 460-209693/4	OR213858.D
Level 4	IC 460-209693/5	OR213859.D
Level 5	IC 460-209693/6	OR213860.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	16991	83066	169294	242707	403122	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	35646	160217	310992	436032	708571	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	58054	282535	558577	813176	1367155	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	16770	88896	168310	257725	409469	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	20959	130202	257916	377153	630021	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	43590	200235	388820	552255	919793	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	47639	235872	460336	658061	1103391	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	39594	181172	342258	501321	913205	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	81255	374360	739540	1081463	1852852	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	20261	100143	195368	286431	490328	100	500	1000	1500	2500
Tetrachloro-m-xylene	Ave	221060	458877	830543	1195681	1612597	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	149076	293377	510235	730242	989076	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 13:10 Calibration End Date: 02/27/2014 14:16 Calibration ID: 35636

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/2	OR213856.D
Level 2	IC 460-209693/3	OR213857.D
Level 3	IC 460-209693/4	OR213858.D
Level 4	IC 460-209693/5	OR213859.D
Level 5	IC 460-209693/6	OR213860.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.353	2.355	2.352	2.350	2.348						2.282 - 2.422	2.352
PCB-1016 Peak 2	2.677	2.678	2.677	2.673	2.673						2.607 - 2.747	2.676
PCB-1016 Peak 3	3.130	3.133	3.130	3.128	3.128						3.060 - 3.200	3.130
PCB-1016 Peak 4	3.275	3.277	3.275	3.273	3.273						3.205 - 3.345	3.275
PCB-1016 Peak 5	3.713	3.715	3.713	3.713	3.712						3.643 - 3.783	3.713
PCB-1260 Peak 1	5.130	5.132	5.130	5.130	5.128						5.060 - 5.200	5.130
PCB-1260 Peak 2	6.292	6.292	6.290	6.292	6.290						6.220 - 6.360	6.291
PCB-1260 Peak 3	6.770	6.770	6.768	6.768	6.768						6.698 - 6.838	6.769
PCB-1260 Peak 4	7.258	7.260	7.258	7.260	7.257						7.188 - 7.328	7.259
PCB-1260 Peak 5	8.633	8.635	8.633	8.633	8.632						8.563 - 8.703	8.633
Tetrachloro-m-xylene	2.055	2.058	2.055	2.053	2.053						2.005 - 2.105	2.055
DCB Decachlorobiphenyl	9.388	9.388	9.387	9.388	9.387						9.287 - 9.487	9.388

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 13:10 Calibration End Date: 02/27/2014 14:16 Calibration ID: 35636

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/2	OR213856.D
Level 2	IC 460-209693/3	OR213857.D
Level 3	IC 460-209693/4	OR213858.D
Level 4	IC 460-209693/5	OR213859.D
Level 5	IC 460-209693/6	OR213860.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	250.41 211.28	262.51	236.49	224.04	Ave		236.944973				8.6		20.0			
PCB-1016 Peak 2	438.02 338.09	412.17	377.06	352.79	Ave		383.624507				11.0		20.0			
PCB-1016 Peak 3	894.47 745.87	832.37	802.75	751.24	Ave		805.339720				7.6		20.0			
PCB-1016 Peak 4	331.72 282.91	312.83	305.67	276.17	Ave		301.859707				7.5		20.0			
PCB-1016 Peak 5	354.75 303.43	342.49	327.69	311.90	Ave		328.052600				6.4		20.0			
PCB-1260 Peak 1	517.30 441.22	494.11	470.59	443.86	Ave		473.416653				6.9		20.0			
PCB-1260 Peak 2	411.35 378.74	403.08	387.45	374.91	Ave		391.103640				4.0		20.0			
PCB-1260 Peak 3	1181.2 1044.3	1070.1	1058.6	1030.0	Ave		1076.83608				5.6		20.0			
PCB-1260 Peak 4	471.04 408.64	404.79	406.04	393.93	Ave		416.888080				7.4		20.0			
PCB-1260 Peak 5	327.40 347.99	342.25	352.25	340.47	Ave		342.073773				2.8		20.0			
Tetrachloro-m-xylene	10781 9455.9	11236	9918.3	9513.0	Ave		10180.8543				7.8		20.0			
DCB Decachlorobiphenyl	9349.5 7626.5	9212.6	7927.7	7563.9	Ave		8336.03167				10.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 13:10 Calibration End Date: 02/27/2014 14:16 Calibration ID: 35636

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/2	OR213856.D
Level 2	IC 460-209693/3	OR213857.D
Level 3	IC 460-209693/4	OR213858.D
Level 4	IC 460-209693/5	OR213859.D
Level 5	IC 460-209693/6	OR213860.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	25041	131255	236487	336064	528188	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	43802	206084	377060	529181	845218	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	89447	416185	802751	1126857	1864674	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	33172	156414	305674	414254	707268	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	35475	171247	327689	467847	758580	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	51730	247057	470593	665791	1103039	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	41135	201539	387445	562359	946848	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	118121	535036	1058626	1544958	2610751	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	47104	202396	406040	590892	1021601	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	32740	171125	352251	510712	869983	100	500	1000	1500	2500
Tetrachloro-m-xylene	Ave	269532	561786	991833	1426951	1891187	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	233738	460628	792766	1134581	1525309	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 14:32 Calibration End Date: 02/27/2014 14:32 Calibration ID: 35641

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/7	OR213861.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	2.062										1.992 - 2.132	2.062
PCB-1221 Peak 2	2.817										2.747 - 2.887	2.817
PCB-1221 Peak 3	2.972										2.902 - 3.042	2.972
PCB-1221 Peak 4	3.043										2.973 - 3.113	3.043
PCB-1221 Peak 5	3.573										3.503 - 3.643	3.573

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 14:32 Calibration End Date: 02/27/2014 14:32 Calibration ID: 35641

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/7	OR213861.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	73.516				Ave		73.5160000						20.0			
PCB-1221 Peak 2	94.702				Ave		94.7020000						20.0			
PCB-1221 Peak 3	50.021				Ave		50.0210000						20.0			
PCB-1221 Peak 4	240.51				Ave		240.510000						20.0			
PCB-1221 Peak 5	36.124				Ave		36.1240000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 14:32 Calibration End Date: 02/27/2014 14:32 Calibration ID: 35641

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/7	OR213861.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	73516					1000				
PCB-1221 Peak 2	Ave	94702					1000				
PCB-1221 Peak 3	Ave	50021					1000				
PCB-1221 Peak 4	Ave	240510					1000				
PCB-1221 Peak 5	Ave	36124					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 14:32 Calibration End Date: 02/27/2014 14:32 Calibration ID: 35642

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/7	OR213861.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.657										1.587 - 1.727	1.657
PCB-1221 Peak 2	2.183										2.113 - 2.253	2.183
PCB-1221 Peak 3	2.347										2.277 - 2.417	2.347
PCB-1221 Peak 4	2.795										2.725 - 2.865	2.795
PCB-1221 Peak 5	3.128										3.058 - 3.198	3.128

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 14:32 Calibration End Date: 02/27/2014 14:32 Calibration ID: 35642

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/7	OR213861.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	78.545				Ave		78.5450000						20.0			
PCB-1221 Peak 2	146.75				Ave		146.749000						20.0			
PCB-1221 Peak 3	389.52				Ave		389.522000						20.0			
PCB-1221 Peak 4	45.490				Ave		45.4900000						20.0			
PCB-1221 Peak 5	60.475				Ave		60.4750000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 14:32 Calibration End Date: 02/27/2014 14:32 Calibration ID: 35642

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/7	OR213861.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	78545					1000				
PCB-1221 Peak 2	Ave	146749					1000				
PCB-1221 Peak 3	Ave	389522					1000				
PCB-1221 Peak 4	Ave	45490					1000				
PCB-1221 Peak 5	Ave	60475					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 14:49 Calibration End Date: 02/27/2014 14:49 Calibration ID: 35647

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/8	OR213862.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	3.047										2.977 - 3.117	3.047
PCB-1232 Peak 2	3.517										3.447 - 3.587	3.517
PCB-1232 Peak 3	4.058										3.988 - 4.128	4.058
PCB-1232 Peak 4	4.817										4.747 - 4.887	4.817
PCB-1232 Peak 5	4.977										4.907 - 5.047	4.977

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 14:49 Calibration End Date: 02/27/2014 14:49 Calibration ID: 35647

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/8	OR213862.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	172.17				Ave		172.166000						20.0			
PCB-1232 Peak 2	160.00				Ave		159.998000						20.0			
PCB-1232 Peak 3	250.14				Ave		250.141000						20.0			
PCB-1232 Peak 4	59.344				Ave		59.3440000						20.0			
PCB-1232 Peak 5	86.459				Ave		86.4590000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 14:49 Calibration End Date: 02/27/2014 14:49 Calibration ID: 35647

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/8	OR213862.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	172166					1000				
PCB-1232 Peak 2	Ave	159998					1000				
PCB-1232 Peak 3	Ave	250141					1000				
PCB-1232 Peak 4	Ave	59344					1000				
PCB-1232 Peak 5	Ave	86459					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 14:49 Calibration End Date: 02/27/2014 14:49 Calibration ID: 35648

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/8	OR213862.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.350										2.280 - 2.420	2.350
PCB-1232 Peak 2	2.677										2.607 - 2.747	2.677
PCB-1232 Peak 3	3.130										3.060 - 3.200	3.130
PCB-1232 Peak 4	3.275										3.205 - 3.345	3.275
PCB-1232 Peak 5	3.713										3.643 - 3.783	3.713

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 14:49 Calibration End Date: 02/27/2014 14:49 Calibration ID: 35648

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/8	OR213862.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	304.72				Ave		304.719000						20.0			
PCB-1232 Peak 2	191.80				Ave		191.801000						20.0			
PCB-1232 Peak 3	368.75				Ave		368.750000						20.0			
PCB-1232 Peak 4	151.22				Ave		151.224000						20.0			
PCB-1232 Peak 5	143.01				Ave		143.013000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 14:49 Calibration End Date: 02/27/2014 14:49 Calibration ID: 35648

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/8	OR213862.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	304719					1000				
PCB-1232 Peak 2	Ave	191801					1000				
PCB-1232 Peak 3	Ave	368750					1000				
PCB-1232 Peak 4	Ave	151224					1000				
PCB-1232 Peak 5	Ave	143013					1000				

Curve Type Legend:
Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 15:05 Calibration End Date: 02/27/2014 15:05 Calibration ID: 35653

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/9	OR213863.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	3.042										2.972 - 3.112	3.042
PCB-1242 Peak 2	3.513										3.443 - 3.583	3.513
PCB-1242 Peak 3	4.055										3.985 - 4.125	4.055
PCB-1242 Peak 4	4.225										4.155 - 4.295	4.225
PCB-1242 Peak 5	5.355										5.285 - 5.425	5.355

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 15:05 Calibration End Date: 02/27/2014 15:05 Calibration ID: 35653

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/9	OR213863.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	142.79				Ave		142.790000						20.0			
PCB-1242 Peak 2	262.50				Ave		262.496000						20.0			
PCB-1242 Peak 3	453.88				Ave		453.875000						20.0			
PCB-1242 Peak 4	220.08				Ave		220.075000						20.0			
PCB-1242 Peak 5	203.51				Ave		203.507000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 15:05 Calibration End Date: 02/27/2014 15:05 Calibration ID: 35653

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/9	OR213863.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	142790					1000				
PCB-1242 Peak 2	Ave	262496					1000				
PCB-1242 Peak 3	Ave	453875					1000				
PCB-1242 Peak 4	Ave	220075					1000				
PCB-1242 Peak 5	Ave	203507					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 15:05 Calibration End Date: 02/27/2014 15:05 Calibration ID: 35654

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/9	OR213863.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.345										2.275 - 2.415	2.345
PCB-1242 Peak 2	2.672										2.602 - 2.742	2.672
PCB-1242 Peak 3	3.127										3.057 - 3.197	3.127
PCB-1242 Peak 4	3.272										3.202 - 3.342	3.272
PCB-1242 Peak 5	3.712										3.642 - 3.782	3.712

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 15:05 Calibration End Date: 02/27/2014 15:05 Calibration ID: 35654

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/9	OR213863.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	201.74				Ave		201.736000						20.0			
PCB-1242 Peak 2	315.90				Ave		315.902000						20.0			
PCB-1242 Peak 3	658.76				Ave		658.756000						20.0			
PCB-1242 Peak 4	230.37				Ave		230.369000						20.0			
PCB-1242 Peak 5	265.20				Ave		265.201000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 15:05 Calibration End Date: 02/27/2014 15:05 Calibration ID: 35654

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/9	OR213863.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	201736					1000				
PCB-1242 Peak 2	Ave	315902					1000				
PCB-1242 Peak 3	Ave	658756					1000				
PCB-1242 Peak 4	Ave	230369					1000				
PCB-1242 Peak 5	Ave	265201					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 15:21 Calibration End Date: 02/27/2014 15:21 Calibration ID: 35659

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/10	OR213864.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.513										3.443 - 3.583	3.513
PCB-1248 Peak 2	4.055										3.985 - 4.125	4.055
PCB-1248 Peak 3	4.473										4.403 - 4.543	4.473
PCB-1248 Peak 4	5.298										5.228 - 5.368	5.298
PCB-1248 Peak 5	5.355										5.285 - 5.425	5.355

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 15:21 Calibration End Date: 02/27/2014 15:21 Calibration ID: 35659

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/10	OR213864.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	144.78				Ave		144.782000						20.0			
PCB-1248 Peak 2	291.37				Ave		291.368000						20.0			
PCB-1248 Peak 3	163.17				Ave		163.165000						20.0			
PCB-1248 Peak 4	165.79				Ave		165.786000						20.0			
PCB-1248 Peak 5	350.05				Ave		350.045000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 15:21 Calibration End Date: 02/27/2014 15:21 Calibration ID: 35659

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/10	OR213864.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	144782					1000				
PCB-1248 Peak 2	Ave	291368					1000				
PCB-1248 Peak 3	Ave	163165					1000				
PCB-1248 Peak 4	Ave	165786					1000				
PCB-1248 Peak 5	Ave	350045					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 15:21 Calibration End Date: 02/27/2014 15:21 Calibration ID: 35660

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/10	OR213864.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.673										2.603 - 2.743	2.673
PCB-1248 Peak 2	3.128										3.058 - 3.198	3.128
PCB-1248 Peak 3	3.712										3.642 - 3.782	3.712
PCB-1248 Peak 4	4.207										4.137 - 4.277	4.207
PCB-1248 Peak 5	4.440										4.370 - 4.510	4.440

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 15:21 Calibration End Date: 02/27/2014 15:21 Calibration ID: 35660

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/10	OR213864.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	181.14				Ave		181.139000						20.0			
PCB-1248 Peak 2	453.82				Ave		453.817000						20.0			
PCB-1248 Peak 3	375.67				Ave		375.673000						20.0			
PCB-1248 Peak 4	683.81				Ave		683.805000						20.0			
PCB-1248 Peak 5	528.74				Ave		528.742000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 15:21 Calibration End Date: 02/27/2014 15:21 Calibration ID: 35660

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/10	OR213864.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	181139					1000				
PCB-1248 Peak 2	Ave	453817					1000				
PCB-1248 Peak 3	Ave	375673					1000				
PCB-1248 Peak 4	Ave	683805					1000				
PCB-1248 Peak 5	Ave	528742					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 15:37 Calibration End Date: 02/27/2014 15:37 Calibration ID: 35665

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/11	OR213865.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	5.353										5.283 - 5.423	5.353
PCB-1254 Peak 2	5.598										5.528 - 5.668	5.598
PCB-1254 Peak 3	6.055										5.985 - 6.125	6.055
PCB-1254 Peak 4	6.217										6.147 - 6.287	6.217
PCB-1254 Peak 5	7.520										7.450 - 7.590	7.520

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 15:37 Calibration End Date: 02/27/2014 15:37 Calibration ID: 35665

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/11	OR213865.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	320.66				Ave		320.663000						20.0			
PCB-1254 Peak 2	277.39				Ave		277.388000						20.0			
PCB-1254 Peak 3	222.10				Ave		222.097000						20.0			
PCB-1254 Peak 4	479.65				Ave		479.645000						20.0			
PCB-1254 Peak 5	453.37				Ave		453.366000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 15:37 Calibration End Date: 02/27/2014 15:37 Calibration ID: 35665

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/11	OR213865.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	320663					1000				
PCB-1254 Peak 2	Ave	277388					1000				
PCB-1254 Peak 3	Ave	222097					1000				
PCB-1254 Peak 4	Ave	479645					1000				
PCB-1254 Peak 5	Ave	453366					1000				

Curve Type Legend:

Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 15:37 Calibration End Date: 02/27/2014 15:37 Calibration ID: 35666

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/11	OR213865.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.760										4.690 - 4.830	4.760
PCB-1254 Peak 2	4.907										4.837 - 4.977	4.907
PCB-1254 Peak 3	5.245										5.175 - 5.315	5.245
PCB-1254 Peak 4	5.472										5.402 - 5.542	5.472
PCB-1254 Peak 5	5.818										5.748 - 5.888	5.818

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 15:37 Calibration End Date: 02/27/2014 15:37 Calibration ID: 35666

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/11	OR213865.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	323.87				Ave		323.871000						20.0			
PCB-1254 Peak 2	591.73				Ave		591.730000						20.0			
PCB-1254 Peak 3	432.23				Ave		432.231000						20.0			
PCB-1254 Peak 4	393.90				Ave		393.903000						20.0			
PCB-1254 Peak 5	555.67				Ave		555.668000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 15:37 Calibration End Date: 02/27/2014 15:37 Calibration ID: 35666

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/11	OR213865.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	323871					1000				
PCB-1254 Peak 2	Ave	591730					1000				
PCB-1254 Peak 3	Ave	432231					1000				
PCB-1254 Peak 4	Ave	393903					1000				
PCB-1254 Peak 5	Ave	555668					1000				

Curve Type Legend:
Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 15:54 Calibration End Date: 02/27/2014 15:54 Calibration ID: 35671

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/12	OR213866.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	6.507										6.437 - 6.577	6.507
PCB-1262 Peak 2	6.847										6.777 - 6.917	6.847
PCB-1262 Peak 3	7.708										7.638 - 7.778	7.708
PCB-1262 Peak 4	9.490										9.420 - 9.560	9.490
PCB-1262 Peak 5	10.143										10.073 - 10.213	10.143

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 15:54 Calibration End Date: 02/27/2014 15:54 Calibration ID: 35671

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/12	OR213866.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	348.57				Ave		348.574000						20.0			
PCB-1262 Peak 2	405.35				Ave		405.346000						20.0			
PCB-1262 Peak 3	555.91				Ave		555.912000						20.0			
PCB-1262 Peak 4	436.62				Ave		436.618000						20.0			
PCB-1262 Peak 5	316.49				Ave		316.488000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 15:54 Calibration End Date: 02/27/2014 15:54 Calibration ID: 35671

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/12	OR213866.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	348574					1000				
PCB-1262 Peak 2	Ave	405346					1000				
PCB-1262 Peak 3	Ave	555912					1000				
PCB-1262 Peak 4	Ave	436618					1000				
PCB-1262 Peak 5	Ave	316488					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 15:54 Calibration End Date: 02/27/2014 15:54 Calibration ID: 35672

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/12	OR213866.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	5.128										5.058 - 5.198	5.128
PCB-1262 Peak 2	5.962										5.892 - 6.032	5.962
PCB-1262 Peak 3	7.257										7.187 - 7.327	7.257
PCB-1262 Peak 4	7.413										7.343 - 7.483	7.413
PCB-1262 Peak 5	8.633										8.563 - 8.703	8.633

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 15:54 Calibration End Date: 02/27/2014 15:54 Calibration ID: 35672

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/12	OR213866.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	425.42				Ave		425.415000						20.0			
PCB-1262 Peak 2	597.09				Ave		597.094000						20.0			
PCB-1262 Peak 3	330.03				Ave		330.032000						20.0			
PCB-1262 Peak 4	773.06				Ave		773.059000						20.0			
PCB-1262 Peak 5	566.39				Ave		566.388000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 15:54 Calibration End Date: 02/27/2014 15:54 Calibration ID: 35672

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/12	OR213866.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	425415					1000				
PCB-1262 Peak 2	Ave	597094					1000				
PCB-1262 Peak 3	Ave	330032					1000				
PCB-1262 Peak 4	Ave	773059					1000				
PCB-1262 Peak 5	Ave	566388					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 16:11 Calibration End Date: 02/27/2014 16:11 Calibration ID: 35677

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/13	OR213867.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	9.485										9.415 - 9.555	9.485
PCB-1268 Peak 2	9.542										9.472 - 9.612	9.542
PCB-1268 Peak 3	9.842										9.772 - 9.912	9.842
PCB-1268 Peak 4	10.142										10.072 - 10.212	10.142
PCB-1268 Peak 5	10.438										10.368 - 10.508	10.438

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 16:11 Calibration End Date: 02/27/2014 16:11 Calibration ID: 35677

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/13	OR213867.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	657.60				Ave		657.603000						20.0			
PCB-1268 Peak 2	1073.1				Ave		1073.13900						20.0			
PCB-1268 Peak 3	687.59				Ave		687.589000						20.0			
PCB-1268 Peak 4	306.59				Ave		306.589000						20.0			
PCB-1268 Peak 5	1793.6				Ave		1793.55200						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 16:11 Calibration End Date: 02/27/2014 16:11 Calibration ID: 35677

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/13	OR213867.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	657603					1000				
PCB-1268 Peak 2	Ave	1073139					1000				
PCB-1268 Peak 3	Ave	687589					1000				
PCB-1268 Peak 4	Ave	306589					1000				
PCB-1268 Peak 5	Ave	1793552					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 16:11 Calibration End Date: 02/27/2014 16:11 Calibration ID: 35678

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/13	OR213867.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	7.332										7.262 - 7.402	7.332
PCB-1268 Peak 2	7.402										7.332 - 7.472	7.402
PCB-1268 Peak 3	7.800										7.730 - 7.870	7.800
PCB-1268 Peak 4	8.630										8.560 - 8.700	8.630
PCB-1268 Peak 5	9.125										9.055 - 9.195	9.125

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 16:11 Calibration End Date: 02/27/2014 16:11 Calibration ID: 35678

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/13	OR213867.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	1048.1				Ave		1048.09600						20.0			
PCB-1268 Peak 2	1550.3				Ave		1550.28300						20.0			
PCB-1268 Peak 3	1136.8				Ave		1136.76600						20.0			
PCB-1268 Peak 4	530.51				Ave		530.509000						20.0			
PCB-1268 Peak 5	2840.1				Ave		2840.10900						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209693

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 16:11 Calibration End Date: 02/27/2014 16:11 Calibration ID: 35678

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-209693/13	OR213867.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	1048096					1000				
PCB-1268 Peak 2	Ave	1550283					1000				
PCB-1268 Peak 3	Ave	1136766					1000				
PCB-1268 Peak 4	Ave	530509					1000				
PCB-1268 Peak 5	Ave	2840109					1000				

Curve Type Legend:

Ave = Average

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211705/17 Calibration Date: 03/10/2014 18:23

Instrument ID: CPESTGC11 Calib Start Date: 03/10/2014 13:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/10/2014 15:13

Lab File ID: T004402.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	7657	7972		1040	1000	4.1	15.0
PCB-1016 Peak 2	Ave	15699	15654		997	1000	-0.3	15.0
PCB-1016 Peak 3	Ave	32317	30438		942	1000	-5.8	15.0
PCB-1016 Peak 4	Ave	9787	9280		948	1000	-5.2	15.0
PCB-1016 Peak 5	Ave	11335	10528		929	1000	-7.1	15.0
PCB-1260 Peak 1	Ave	20927	20808		994	1000	-0.6	15.0
PCB-1260 Peak 2	Ave	25276	23721		938	1000	-6.2	15.0
PCB-1260 Peak 3	Ave	19122	18924		990	1000	-1.0	15.0
PCB-1260 Peak 4	Ave	41693	41043		984	1000	-1.6	15.0
PCB-1260 Peak 5	Ave	10829	10572		976	1000	-2.4	15.0
Tetrachloro-m-xylene	Ave	423042	436097		103	100	3.1	15.0
DCB Decachlorobiphenyl	Ave	321712	326765		102	100	1.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211705/17 Calibration Date: 03/10/2014 18:23

Instrument ID: CPESTGC11 Calib Start Date: 03/10/2014 13:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/10/2014 15:13

Lab File ID: T004402.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.06	2.99	3.13
PCB-1016 Peak 2	3.79	3.72	3.86
PCB-1016 Peak 3	4.62	4.55	4.69
PCB-1016 Peak 4	5.70	5.63	5.77
PCB-1016 Peak 5	5.91	5.84	5.98
PCB-1260 Peak 1	7.96	7.89	8.03
PCB-1260 Peak 2	8.43	8.35	8.49
PCB-1260 Peak 3	10.08	10.01	10.15
PCB-1260 Peak 4	10.39	10.32	10.46
PCB-1260 Peak 5	11.20	11.13	11.27
Tetrachloro-m-xylene	2.33	2.28	2.38
DCB Decachlorobiphenyl	11.64	11.54	11.74

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211705/17 Calibration Date: 03/10/2014 18:23

Instrument ID: CPESTGC11 Calib Start Date: 03/10/2014 13:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/10/2014 15:13

Lab File ID: T004402.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	32400	32762		1010	1000	1.1	15.0
PCB-1016 Peak 2	Ave	59330	59965		1010	1000	1.1	15.0
PCB-1016 Peak 3	Ave	123081	124579		1010	1000	1.2	15.0
PCB-1016 Peak 4	Ave	48777	49024		1010	1000	0.5	15.0
PCB-1016 Peak 5	Ave	46662	46460		996	1000	-0.4	15.0
PCB-1260 Peak 1	Ave	68565	66221		966	1000	-3.4	15.0
PCB-1260 Peak 2	Ave	70365	66567		946	1000	-5.4	15.0
PCB-1260 Peak 3	Ave	152106	154215		1010	1000	1.4	15.0
PCB-1260 Peak 4	Ave	80241	78901		983	1000	-1.7	15.0
PCB-1260 Peak 5	Ave	37925	38327		1010	1000	1.1	15.0
Tetrachloro-m-xylene	Ave	1820484	1865096		102	100	2.5	15.0
DCB Decachlorobiphenyl	Ave	1219373	1274424		105	100	4.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211705/17 Calibration Date: 03/10/2014 18:23

Instrument ID: CPESTGC11 Calib Start Date: 03/10/2014 13:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/10/2014 15:13

Lab File ID: T004402.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.04	1.96	2.10
PCB-1016 Peak 2	2.47	2.40	2.54
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.25	3.18	3.32
PCB-1016 Peak 5	3.95	3.88	4.02
PCB-1260 Peak 1	5.97	5.90	6.04
PCB-1260 Peak 2	7.49	7.42	7.56
PCB-1260 Peak 3	8.12	8.05	8.19
PCB-1260 Peak 4	8.76	8.69	8.83
PCB-1260 Peak 5	10.06	9.99	10.13
Tetrachloro-m-xylene	1.61	1.56	1.66
DCB Decachlorobiphenyl	10.56	10.46	10.66

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211705/43 Calibration Date: 03/11/2014 02:35

Instrument ID: CPESTGC11 Calib Start Date: 03/10/2014 13:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/10/2014 15:13

Lab File ID: T004428.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	7657	7681		1000	1000	0.3	15.0
PCB-1016 Peak 2	Ave	15699	15612		994	1000	-0.6	15.0
PCB-1016 Peak 3	Ave	32317	31036		960	1000	-4.0	15.0
PCB-1016 Peak 4	Ave	9787	9524		973	1000	-2.7	15.0
PCB-1016 Peak 5	Ave	11335	11034		973	1000	-2.7	15.0
PCB-1260 Peak 1	Ave	20927	21385		1020	1000	2.2	15.0
PCB-1260 Peak 2	Ave	25276	24203		958	1000	-4.2	15.0
PCB-1260 Peak 3	Ave	19122	19226		1010	1000	0.5	15.0
PCB-1260 Peak 4	Ave	41693	43587		1050	1000	4.5	15.0
PCB-1260 Peak 5	Ave	10829	12143		1120	1000	12.1	15.0
Tetrachloro-m-xylene	Ave	423042	445397		105	100	5.3	15.0
DCB Decachlorobiphenyl	Ave	321712	332191		103	100	3.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211705/43 Calibration Date: 03/11/2014 02:35

Instrument ID: CPESTGC11 Calib Start Date: 03/10/2014 13:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/10/2014 15:13

Lab File ID: T004428.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.06	2.99	3.13
PCB-1016 Peak 2	3.79	3.72	3.86
PCB-1016 Peak 3	4.62	4.55	4.69
PCB-1016 Peak 4	5.70	5.63	5.77
PCB-1016 Peak 5	5.91	5.84	5.98
PCB-1260 Peak 1	7.96	7.89	8.03
PCB-1260 Peak 2	8.43	8.35	8.49
PCB-1260 Peak 3	10.08	10.01	10.15
PCB-1260 Peak 4	10.39	10.32	10.46
PCB-1260 Peak 5	11.20	11.13	11.27
Tetrachloro-m-xylene	2.33	2.28	2.38
DCB Decachlorobiphenyl	11.63	11.54	11.74

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211705/43 Calibration Date: 03/11/2014 02:35

Instrument ID: CPESTGC11 Calib Start Date: 03/10/2014 13:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/10/2014 15:13

Lab File ID: T004428.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	32400	31469		971	1000	-2.9	15.0
PCB-1016 Peak 2	Ave	59330	57715		973	1000	-2.7	15.0
PCB-1016 Peak 3	Ave	123081	122778		998	1000	-0.2	15.0
PCB-1016 Peak 4	Ave	48777	49178		1010	1000	0.8	15.0
PCB-1016 Peak 5	Ave	46662	47741		1020	1000	2.3	15.0
PCB-1260 Peak 1	Ave	68565	69453		1010	1000	1.3	15.0
PCB-1260 Peak 2	Ave	70365	66965		952	1000	-4.8	15.0
PCB-1260 Peak 3	Ave	152106	151529		996	1000	-0.4	15.0
PCB-1260 Peak 4	Ave	80241	77794		970	1000	-3.0	15.0
PCB-1260 Peak 5	Ave	37925	38839		1020	1000	2.4	15.0
Tetrachloro-m-xylene	Ave	1820484	1766651		97.0	100	-3.0	15.0
DCB Decachlorobiphenyl	Ave	1219373	1274536		105	100	4.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211705/43 Calibration Date: 03/11/2014 02:35

Instrument ID: CPESTGC11 Calib Start Date: 03/10/2014 13:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/10/2014 15:13

Lab File ID: T004428.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.03	1.96	2.10
PCB-1016 Peak 2	2.47	2.40	2.54
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.25	3.18	3.32
PCB-1016 Peak 5	3.95	3.88	4.02
PCB-1260 Peak 1	5.97	5.90	6.04
PCB-1260 Peak 2	7.49	7.42	7.56
PCB-1260 Peak 3	8.12	8.05	8.19
PCB-1260 Peak 4	8.76	8.69	8.83
PCB-1260 Peak 5	10.06	9.99	10.13
Tetrachloro-m-xylene	1.61	1.56	1.66
DCB Decachlorobiphenyl	10.56	10.46	10.66

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211706/44 Calibration Date: 03/11/2014 02:54

Instrument ID: CPESTGC11 Calib Start Date: 03/10/2014 13:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/10/2014 15:13

Lab File ID: T004429.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	7657	7718		1010	1000	0.8	15.0
PCB-1016 Peak 2	Ave	15699	16002		1020	1000	1.9	15.0
PCB-1016 Peak 3	Ave	32317	31086		962	1000	-3.8	15.0
PCB-1016 Peak 4	Ave	9787	9537		974	1000	-2.6	15.0
PCB-1016 Peak 5	Ave	11335	10880		960	1000	-4.0	15.0
PCB-1260 Peak 1	Ave	20927	21517		1030	1000	2.8	15.0
PCB-1260 Peak 2	Ave	25276	24313		962	1000	-3.8	15.0
PCB-1260 Peak 3	Ave	19122	19355		1010	1000	1.2	15.0
PCB-1260 Peak 4	Ave	41693	43863		1050	1000	5.2	15.0
PCB-1260 Peak 5	Ave	10829	12245		1130	1000	13.1	15.0
Tetrachloro-m-xylene	Ave	423042	444372		105	100	5.0	15.0
DCB Decachlorobiphenyl	Ave	321712	334040		104	100	3.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211706/44 Calibration Date: 03/11/2014 02:54

Instrument ID: CPESTGC11 Calib Start Date: 03/10/2014 13:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/10/2014 15:13

Lab File ID: T004429.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.06	2.99	3.13
PCB-1016 Peak 2	3.79	3.72	3.86
PCB-1016 Peak 3	4.62	4.55	4.69
PCB-1016 Peak 4	5.70	5.63	5.77
PCB-1016 Peak 5	5.91	5.84	5.98
PCB-1260 Peak 1	7.96	7.89	8.03
PCB-1260 Peak 2	8.43	8.35	8.49
PCB-1260 Peak 3	10.08	10.01	10.15
PCB-1260 Peak 4	10.39	10.32	10.46
PCB-1260 Peak 5	11.20	11.13	11.27
Tetrachloro-m-xylene	2.33	2.28	2.38
DCB Decachlorobiphenyl	11.63	11.54	11.74

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211706/44 Calibration Date: 03/11/2014 02:54

Instrument ID: CPESTGC11 Calib Start Date: 03/10/2014 13:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/10/2014 15:13

Lab File ID: T004429.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	32400	29738		918	1000	-8.2	15.0
PCB-1016 Peak 2	Ave	59330	54507		919	1000	-8.1	15.0
PCB-1016 Peak 3	Ave	123081	115762		941	1000	-5.9	15.0
PCB-1016 Peak 4	Ave	48777	47053		965	1000	-3.5	15.0
PCB-1016 Peak 5	Ave	46662	47137		1010	1000	1.0	15.0
PCB-1260 Peak 1	Ave	68565	64164		936	1000	-6.4	15.0
PCB-1260 Peak 2	Ave	70365	64738		920	1000	-8.0	15.0
PCB-1260 Peak 3	Ave	152106	147326		969	1000	-3.1	15.0
PCB-1260 Peak 4	Ave	80241	75671		943	1000	-5.7	15.0
PCB-1260 Peak 5	Ave	37925	38406		1010	1000	1.3	15.0
Tetrachloro-m-xylene	Ave	1820484	1678785		92.2	100	-7.8	15.0
DCB Decachlorobiphenyl	Ave	1219373	1224252		100	100	0.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211706/44 Calibration Date: 03/11/2014 02:54

Instrument ID: CPESTGC11 Calib Start Date: 03/10/2014 13:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/10/2014 15:13

Lab File ID: T004429.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.03	1.96	2.10
PCB-1016 Peak 2	2.47	2.40	2.54
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.25	3.18	3.32
PCB-1016 Peak 5	3.95	3.88	4.02
PCB-1260 Peak 1	5.97	5.90	6.04
PCB-1260 Peak 2	7.49	7.42	7.56
PCB-1260 Peak 3	8.12	8.05	8.19
PCB-1260 Peak 4	8.76	8.69	8.83
PCB-1260 Peak 5	10.06	9.99	10.13
Tetrachloro-m-xylene	1.61	1.56	1.66
DCB Decachlorobiphenyl	10.55	10.46	10.66

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211706/55 Calibration Date: 03/11/2014 06:22

Instrument ID: CPESTGC11 Calib Start Date: 03/10/2014 13:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/10/2014 15:13

Lab File ID: T004440.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	7657	7823		1020	1000	2.2	15.0
PCB-1016 Peak 2	Ave	15699	15505		988	1000	-1.2	15.0
PCB-1016 Peak 3	Ave	32317	30543		945	1000	-5.5	15.0
PCB-1016 Peak 4	Ave	9787	9406		961	1000	-3.9	15.0
PCB-1016 Peak 5	Ave	11335	10604		935	1000	-6.5	15.0
PCB-1260 Peak 1	Ave	20927	21201		1010	1000	1.3	15.0
PCB-1260 Peak 2	Ave	25276	23909		946	1000	-5.4	15.0
PCB-1260 Peak 3	Ave	19122	18939		990	1000	-1.0	15.0
PCB-1260 Peak 4	Ave	41693	41524		996	1000	-0.4	15.0
PCB-1260 Peak 5	Ave	10829	11572		1070	1000	6.9	15.0
Tetrachloro-m-xylene	Ave	423042	440137		104	100	4.0	15.0
DCB Decachlorobiphenyl	Ave	321712	337136		105	100	4.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211706/55 Calibration Date: 03/11/2014 06:22

Instrument ID: CPESTGC11 Calib Start Date: 03/10/2014 13:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/10/2014 15:13

Lab File ID: T004440.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.06	2.99	3.13
PCB-1016 Peak 2	3.79	3.72	3.86
PCB-1016 Peak 3	4.63	4.55	4.69
PCB-1016 Peak 4	5.70	5.63	5.77
PCB-1016 Peak 5	5.91	5.84	5.98
PCB-1260 Peak 1	7.96	7.89	8.03
PCB-1260 Peak 2	8.43	8.35	8.49
PCB-1260 Peak 3	10.08	10.01	10.15
PCB-1260 Peak 4	10.39	10.32	10.46
PCB-1260 Peak 5	11.21	11.13	11.27
Tetrachloro-m-xylene	2.33	2.28	2.38
DCB Decachlorobiphenyl	11.65	11.54	11.74

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211706/55 Calibration Date: 03/11/2014 06:22

Instrument ID: CPESTGC11 Calib Start Date: 03/10/2014 13:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/10/2014 15:13

Lab File ID: T004440.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	32400	31390		969	1000	-3.1	15.0
PCB-1016 Peak 2	Ave	59330	57377		967	1000	-3.3	15.0
PCB-1016 Peak 3	Ave	123081	118112		960	1000	-4.0	15.0
PCB-1016 Peak 4	Ave	48777	47972		983	1000	-1.7	15.0
PCB-1016 Peak 5	Ave	46662	45892		983	1000	-1.7	15.0
PCB-1260 Peak 1	Ave	68565	65707		958	1000	-4.2	15.0
PCB-1260 Peak 2	Ave	70365	67056		953	1000	-4.7	15.0
PCB-1260 Peak 3	Ave	152106	149225		981	1000	-1.9	15.0
PCB-1260 Peak 4	Ave	80241	75425		940	1000	-6.0	15.0
PCB-1260 Peak 5	Ave	37925	39060		1030	1000	3.0	15.0
Tetrachloro-m-xylene	Ave	1820484	1772513		97.4	100	-2.6	15.0
DCB Decachlorobiphenyl	Ave	1219373	1273486		104	100	4.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211706/55 Calibration Date: 03/11/2014 06:22

Instrument ID: CPESTGC11 Calib Start Date: 03/10/2014 13:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/10/2014 15:13

Lab File ID: T004440.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.03	1.96	2.10
PCB-1016 Peak 2	2.47	2.40	2.54
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.26	3.18	3.32
PCB-1016 Peak 5	3.95	3.88	4.02
PCB-1260 Peak 1	5.97	5.90	6.04
PCB-1260 Peak 2	7.49	7.42	7.56
PCB-1260 Peak 3	8.13	8.05	8.19
PCB-1260 Peak 4	8.76	8.69	8.83
PCB-1260 Peak 5	10.06	9.99	10.13
Tetrachloro-m-xylene	1.61	1.56	1.66
DCB Decachlorobiphenyl	10.56	10.46	10.66

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211839/1 Calibration Date: 03/11/2014 07:32

Instrument ID: CPESTGC11 Calib Start Date: 03/10/2014 13:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/10/2014 15:13

Lab File ID: T004441.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	7657	8208		1070	1000	7.2	15.0
PCB-1016 Peak 2	Ave	15699	15689		999	1000	-0.0	15.0
PCB-1016 Peak 3	Ave	32317	33344		1030	1000	3.2	15.0
PCB-1016 Peak 4	Ave	9787	10169		1040	1000	3.9	15.0
PCB-1016 Peak 5	Ave	11335	11829		1040	1000	4.4	15.0
PCB-1260 Peak 1	Ave	20927	21729		1040	1000	3.8	15.0
PCB-1260 Peak 2	Ave	25276	25770		1020	1000	2.0	15.0
PCB-1260 Peak 3	Ave	19122	19960		1040	1000	4.4	15.0
PCB-1260 Peak 4	Ave	41693	42942		1030	1000	3.0	15.0
PCB-1260 Peak 5	Ave	10829	10943		1010	1000	1.1	15.0
Tetrachloro-m-xylene	Ave	423042	452729		107	100	7.0	15.0
DCB Decachlorobiphenyl	Ave	321712	343460		107	100	6.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211839/1 Calibration Date: 03/11/2014 07:32

Instrument ID: CPESTGC11 Calib Start Date: 03/10/2014 13:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/10/2014 15:13

Lab File ID: T004441.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.07	2.99	3.13
PCB-1016 Peak 2	3.80	3.72	3.86
PCB-1016 Peak 3	4.64	4.55	4.69
PCB-1016 Peak 4	5.71	5.63	5.77
PCB-1016 Peak 5	5.93	5.84	5.98
PCB-1260 Peak 1	7.98	7.89	8.03
PCB-1260 Peak 2	8.45	8.35	8.49
PCB-1260 Peak 3	10.09	10.01	10.15
PCB-1260 Peak 4	10.40	10.32	10.46
PCB-1260 Peak 5	11.22	11.13	11.27
Tetrachloro-m-xylene	2.34	2.28	2.38
DCB Decachlorobiphenyl	11.67	11.54	11.74

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211839/1 Calibration Date: 03/11/2014 07:32

Instrument ID: CPESTGC11 Calib Start Date: 03/10/2014 13:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/10/2014 15:13

Lab File ID: T004441.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	32400	32530		1000	1000	0.4	15.0
PCB-1016 Peak 2	Ave	59330	60569		1020	1000	2.1	15.0
PCB-1016 Peak 3	Ave	123081	127469		1040	1000	3.6	15.0
PCB-1016 Peak 4	Ave	48777	51685		1060	1000	6.0	15.0
PCB-1016 Peak 5	Ave	46662	50095		1070	1000	7.4	15.0
PCB-1260 Peak 1	Ave	68565	68220		995	1000	-0.5	15.0
PCB-1260 Peak 2	Ave	70365	68830		978	1000	-2.2	15.0
PCB-1260 Peak 3	Ave	152106	154997		1020	1000	1.9	15.0
PCB-1260 Peak 4	Ave	80241	79011		985	1000	-1.5	15.0
PCB-1260 Peak 5	Ave	37925	37862		998	1000	-0.2	15.0
Tetrachloro-m-xylene	Ave	1820484	1846986		101	100	1.5	15.0
DCB Decachlorobiphenyl	Ave	1219373	1272290		104	100	4.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211839/1 Calibration Date: 03/11/2014 07:32

Instrument ID: CPESTGC11 Calib Start Date: 03/10/2014 13:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/10/2014 15:13

Lab File ID: T004441.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.03	1.96	2.10
PCB-1016 Peak 2	2.47	2.40	2.54
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.26	3.18	3.32
PCB-1016 Peak 5	3.95	3.88	4.02
PCB-1260 Peak 1	5.98	5.90	6.04
PCB-1260 Peak 2	7.50	7.42	7.56
PCB-1260 Peak 3	8.13	8.05	8.19
PCB-1260 Peak 4	8.77	8.69	8.83
PCB-1260 Peak 5	10.06	9.99	10.13
Tetrachloro-m-xylene	1.61	1.56	1.66
DCB Decachlorobiphenyl	10.56	10.46	10.66

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211839/15 Calibration Date: 03/11/2014 12:19

Instrument ID: CPESTGC11 Calib Start Date: 03/10/2014 13:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/10/2014 15:13

Lab File ID: T004455.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	7657	7735		1010	1000	1.0	15.0
PCB-1016 Peak 2	Ave	15699	16109		1030	1000	2.6	15.0
PCB-1016 Peak 3	Ave	32317	31945		988	1000	-1.2	15.0
PCB-1016 Peak 4	Ave	9787	9950		1020	1000	1.7	15.0
PCB-1016 Peak 5	Ave	11335	11772		1040	1000	3.9	15.0
PCB-1260 Peak 1	Ave	20927	21121		1010	1000	0.9	15.0
PCB-1260 Peak 2	Ave	25276	24654		975	1000	-2.5	15.0
PCB-1260 Peak 3	Ave	19122	18740		980	1000	-2.0	15.0
PCB-1260 Peak 4	Ave	41693	41558		997	1000	-0.3	15.0
PCB-1260 Peak 5	Ave	10829	10682		986	1000	-1.4	15.0
Tetrachloro-m-xylene	Ave	423042	432645		102	100	2.3	15.0
DCB Decachlorobiphenyl	Ave	321712	324683		101	100	0.9	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211839/15 Calibration Date: 03/11/2014 12:19

Instrument ID: CPESTGC11 Calib Start Date: 03/10/2014 13:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/10/2014 15:13

Lab File ID: T004455.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.06	2.99	3.13
PCB-1016 Peak 2	3.79	3.72	3.86
PCB-1016 Peak 3	4.63	4.55	4.69
PCB-1016 Peak 4	5.70	5.63	5.77
PCB-1016 Peak 5	5.91	5.84	5.98
PCB-1260 Peak 1	7.96	7.89	8.03
PCB-1260 Peak 2	8.43	8.35	8.49
PCB-1260 Peak 3	10.08	10.01	10.15
PCB-1260 Peak 4	10.40	10.32	10.46
PCB-1260 Peak 5	11.20	11.13	11.27
Tetrachloro-m-xylene	2.33	2.28	2.38
DCB Decachlorobiphenyl	11.64	11.54	11.74

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211839/15 Calibration Date: 03/11/2014 12:19

Instrument ID: CPESTGC11 Calib Start Date: 03/10/2014 13:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/10/2014 15:13

Lab File ID: T004455.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	32400	30735		949	1000	-5.1	15.0
PCB-1016 Peak 2	Ave	59330	57479		969	1000	-3.1	15.0
PCB-1016 Peak 3	Ave	123081	116378		946	1000	-5.4	15.0
PCB-1016 Peak 4	Ave	48777	47796		980	1000	-2.0	15.0
PCB-1016 Peak 5	Ave	46662	47032		1010	1000	0.8	15.0
PCB-1260 Peak 1	Ave	68565	67503		985	1000	-1.5	15.0
PCB-1260 Peak 2	Ave	70365	66113		940	1000	-6.0	15.0
PCB-1260 Peak 3	Ave	152106	147336		969	1000	-3.1	15.0
PCB-1260 Peak 4	Ave	80241	73591		917	1000	-8.3	15.0
PCB-1260 Peak 5	Ave	37925	37912		1000	1000	-0.0	15.0
Tetrachloro-m-xylene	Ave	1820484	1705466		93.7	100	-6.3	15.0
DCB Decachlorobiphenyl	Ave	1219373	1216486		99.8	100	-0.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211839/15 Calibration Date: 03/11/2014 12:19

Instrument ID: CPESTGC11 Calib Start Date: 03/10/2014 13:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/10/2014 15:13

Lab File ID: T004455.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.03	1.96	2.10
PCB-1016 Peak 2	2.47	2.40	2.54
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.25	3.18	3.32
PCB-1016 Peak 5	3.95	3.88	4.02
PCB-1260 Peak 1	5.97	5.90	6.04
PCB-1260 Peak 2	7.49	7.42	7.56
PCB-1260 Peak 3	8.13	8.05	8.19
PCB-1260 Peak 4	8.77	8.69	8.83
PCB-1260 Peak 5	10.06	9.99	10.13
Tetrachloro-m-xylene	1.61	1.56	1.66
DCB Decachlorobiphenyl	10.56	10.46	10.66

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211709/56 Calibration Date: 03/10/2014 23:15

Instrument ID: CPESTGC7 Calib Start Date: 02/27/2014 13:10

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/27/2014 14:16

Lab File ID: OR214308.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	165.7	167.2		1010	1000	0.9	15.0
PCB-1016 Peak 2	Ave	312.4	291.4		933	1000	-6.7	15.0
PCB-1016 Peak 3	Ave	558.6	475.3		851	1000	-14.9	15.0
PCB-1016 Peak 4	Ave	169.9	152.9		900	1000	-10.0	15.0
PCB-1016 Peak 5	Ave	246.3	273.1		1110	1000	10.9	15.0
PCB-1260 Peak 1	Ave	392.3	382.6		975	1000	-2.5	15.0
PCB-1260 Peak 2	Ave	457.7	435.3		951	1000	-4.9	15.0
PCB-1260 Peak 3	Ave	360.0	322.8		897	1000	-10.3	15.0
PCB-1260 Peak 4	Ave	752.6	706.3		938	1000	-6.2	15.0
PCB-1260 Peak 5	Ave	197.1	204.5		1040	1000	3.8	15.0
Tetrachloro-m-xylene	Ave	8472	8852		104	100	4.5	15.0
DCB Decachlorobiphenyl	Ave	5349	5849		109	100	9.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211709/56 Calibration Date: 03/10/2014 23:15

Instrument ID: CPESTGC7 Calib Start Date: 02/27/2014 13:10

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/27/2014 14:16

Lab File ID: OR214308.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.04	2.98	3.12
PCB-1016 Peak 2	3.51	3.45	3.59
PCB-1016 Peak 3	4.05	3.99	4.13
PCB-1016 Peak 4	4.80	4.75	4.89
PCB-1016 Peak 5	4.96	4.90	5.04
PCB-1260 Peak 1	6.49	6.44	6.58
PCB-1260 Peak 2	6.83	6.78	6.92
PCB-1260 Peak 3	8.38	8.33	8.47
PCB-1260 Peak 4	8.93	8.87	9.01
PCB-1260 Peak 5	10.14	10.07	10.21
Tetrachloro-m-xylene	2.51	2.47	2.57
DCB Decachlorobiphenyl	10.65	10.56	10.76

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211709/56 Calibration Date: 03/10/2014 23:15

Instrument ID: CPESTGC7 Calib Start Date: 02/27/2014 13:10

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/27/2014 14:16

Lab File ID: OR214308.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	236.9	246.8		1040	1000	4.1	15.0
PCB-1016 Peak 2	Ave	383.6	388.1		1010	1000	1.2	15.0
PCB-1016 Peak 3	Ave	805.3	842.8		1050	1000	4.6	15.0
PCB-1016 Peak 4	Ave	301.9	302.0		1000	1000	0.0	15.0
PCB-1016 Peak 5	Ave	328.1	323.1		985	1000	-1.5	15.0
PCB-1260 Peak 1	Ave	473.4	476.0		1010	1000	0.5	15.0
PCB-1260 Peak 2	Ave	391.1	374.5		958	1000	-4.2	15.0
PCB-1260 Peak 3	Ave	1077	1105		1030	1000	2.6	15.0
PCB-1260 Peak 4	Ave	416.9	321.1		770	1000	-23.0*	15.0
PCB-1260 Peak 5	Ave	342.1	373.4		1090	1000	9.2	15.0
Tetrachloro-m-xylene	Ave	10181	10451		103	100	2.7	15.0
DCB Decachlorobiphenyl	Ave	8336	9450		113	100	13.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211709/56 Calibration Date: 03/10/2014 23:15

Instrument ID: CPESTGC7 Calib Start Date: 02/27/2014 13:10

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/27/2014 14:16

Lab File ID: OR214308.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.34	2.28	2.42
PCB-1016 Peak 2	2.67	2.61	2.75
PCB-1016 Peak 3	3.12	3.06	3.20
PCB-1016 Peak 4	3.26	3.21	3.35
PCB-1016 Peak 5	3.70	3.64	3.78
PCB-1260 Peak 1	5.12	5.06	5.20
PCB-1260 Peak 2	6.28	6.22	6.36
PCB-1260 Peak 3	6.75	6.70	6.84
PCB-1260 Peak 4	7.24	7.19	7.33
PCB-1260 Peak 5	8.62	8.56	8.70
Tetrachloro-m-xylene	2.05	2.01	2.11
DCB Decachlorobiphenyl	9.37	9.29	9.49

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211709/83 Calibration Date: 03/11/2014 06:39

Instrument ID: CPESTGC7 Calib Start Date: 02/27/2014 13:10

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/27/2014 14:16

Lab File ID: OR214335.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	165.7	168.5		1020	1000	1.7	15.0
PCB-1016 Peak 2	Ave	312.4	294.7		943	1000	-5.7	15.0
PCB-1016 Peak 3	Ave	558.6	519.7		930	1000	-7.0	15.0
PCB-1016 Peak 4	Ave	169.9	156.5		921	1000	-7.9	15.0
PCB-1016 Peak 5	Ave	246.3	281.8		1140	1000	14.4	15.0
PCB-1260 Peak 1	Ave	392.3	398.8		1020	1000	1.7	15.0
PCB-1260 Peak 2	Ave	457.7	462.3		1010	1000	1.0	15.0
PCB-1260 Peak 3	Ave	360.0	337.8		938	1000	-6.2	15.0
PCB-1260 Peak 4	Ave	752.6	765.1		1020	1000	1.7	15.0
PCB-1260 Peak 5	Ave	197.1	205.5		1040	1000	4.3	15.0
Tetrachloro-m-xylene	Ave	8472	8780		104	100	3.6	15.0
DCB Decachlorobiphenyl	Ave	5349	5713		107	100	6.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211709/83 Calibration Date: 03/11/2014 06:39

Instrument ID: CPESTGC7 Calib Start Date: 02/27/2014 13:10

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/27/2014 14:16

Lab File ID: OR214335.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.04	2.98	3.12
PCB-1016 Peak 2	3.51	3.45	3.59
PCB-1016 Peak 3	4.05	3.99	4.13
PCB-1016 Peak 4	4.80	4.75	4.89
PCB-1016 Peak 5	4.96	4.90	5.04
PCB-1260 Peak 1	6.49	6.44	6.58
PCB-1260 Peak 2	6.83	6.78	6.92
PCB-1260 Peak 3	8.38	8.33	8.47
PCB-1260 Peak 4	8.93	8.87	9.01
PCB-1260 Peak 5	10.14	10.07	10.21
Tetrachloro-m-xylene	2.51	2.47	2.57
DCB Decachlorobiphenyl	10.66	10.56	10.76

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211709/83 Calibration Date: 03/11/2014 06:39

Instrument ID: CPESTGC7 Calib Start Date: 02/27/2014 13:10

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/27/2014 14:16

Lab File ID: OR214335.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	236.9	248.2		1050	1000	4.7	15.0
PCB-1016 Peak 2	Ave	383.6	393.9		1030	1000	2.7	15.0
PCB-1016 Peak 3	Ave	805.3	878.1		1090	1000	9.0	15.0
PCB-1016 Peak 4	Ave	301.9	311.9		1030	1000	3.3	15.0
PCB-1016 Peak 5	Ave	328.1	341.7		1040	1000	4.2	15.0
PCB-1260 Peak 1	Ave	473.4	485.0		1020	1000	2.5	15.0
PCB-1260 Peak 2	Ave	391.1	403.7		1030	1000	3.2	15.0
PCB-1260 Peak 3	Ave	1077	1131		1050	1000	5.0	15.0
PCB-1260 Peak 4	Ave	416.9	371.5		891	1000	-10.9	15.0
PCB-1260 Peak 5	Ave	342.1	389.2		1140	1000	13.8	15.0
Tetrachloro-m-xylene	Ave	10181	10296		101	100	1.1	15.0
DCB Decachlorobiphenyl	Ave	8336	9501		114	100	14.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211709/83 Calibration Date: 03/11/2014 06:39

Instrument ID: CPESTGC7 Calib Start Date: 02/27/2014 13:10

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/27/2014 14:16

Lab File ID: OR214335.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.34	2.28	2.42
PCB-1016 Peak 2	2.67	2.61	2.75
PCB-1016 Peak 3	3.12	3.06	3.20
PCB-1016 Peak 4	3.26	3.21	3.35
PCB-1016 Peak 5	3.70	3.64	3.78
PCB-1260 Peak 1	5.12	5.06	5.20
PCB-1260 Peak 2	6.28	6.22	6.36
PCB-1260 Peak 3	6.75	6.70	6.84
PCB-1260 Peak 4	7.24	7.19	7.33
PCB-1260 Peak 5	8.61	8.56	8.70
Tetrachloro-m-xylene	2.05	2.01	2.11
DCB Decachlorobiphenyl	9.37	9.29	9.49

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212118/30 Calibration Date: 03/11/2014 15:35

Instrument ID: CPESTGC7 Calib Start Date: 02/27/2014 13:10

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/27/2014 14:16

Lab File ID: OR214365.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	165.7	165.4		999	1000	-0.1	15.0
PCB-1016 Peak 2	Ave	312.4	304.7		975	1000	-2.5	15.0
PCB-1016 Peak 3	Ave	558.6	509.9		913	1000	-8.7	15.0
PCB-1016 Peak 4	Ave	169.9	169.9		1000	1000	0.0	15.0
PCB-1016 Peak 5	Ave	246.3	283.8		1150	1000	15.2*	15.0
PCB-1260 Peak 1	Ave	392.3	399.1		1020	1000	1.8	15.0
PCB-1260 Peak 2	Ave	457.7	461.5		1010	1000	0.8	15.0
PCB-1260 Peak 3	Ave	360.0	344.5		957	1000	-4.3	15.0
PCB-1260 Peak 4	Ave	752.6	766.3		1020	1000	1.8	15.0
PCB-1260 Peak 5	Ave	197.1	207.7		1050	1000	5.4	15.0
Tetrachloro-m-xylene	Ave	8472	8700		103	100	2.7	15.0
DCB Decachlorobiphenyl	Ave	5349	5694		106	100	6.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212118/30 Calibration Date: 03/11/2014 15:35

Instrument ID: CPESTGC7 Calib Start Date: 02/27/2014 13:10

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/27/2014 14:16

Lab File ID: OR214365.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.04	2.98	3.12
PCB-1016 Peak 2	3.51	3.45	3.59
PCB-1016 Peak 3	4.05	3.99	4.13
PCB-1016 Peak 4	4.80	4.75	4.89
PCB-1016 Peak 5	4.97	4.90	5.04
PCB-1260 Peak 1	6.49	6.44	6.58
PCB-1260 Peak 2	6.83	6.78	6.92
PCB-1260 Peak 3	8.38	8.33	8.47
PCB-1260 Peak 4	8.93	8.87	9.01
PCB-1260 Peak 5	10.14	10.07	10.21
Tetrachloro-m-xylene	2.51	2.47	2.57
DCB Decachlorobiphenyl	10.65	10.56	10.76

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212118/30 Calibration Date: 03/11/2014 15:35

Instrument ID: CPESTGC7 Calib Start Date: 02/27/2014 13:10

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/27/2014 14:16

Lab File ID: OR214365.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	236.9	227.2		959	1000	-4.1	15.0
PCB-1016 Peak 2	Ave	383.6	379.4		989	1000	-1.1	15.0
PCB-1016 Peak 3	Ave	805.3	744.1		924	1000	-7.6	15.0
PCB-1016 Peak 4	Ave	301.9	293.9		974	1000	-2.6	15.0
PCB-1016 Peak 5	Ave	328.1	299.7		913	1000	-8.7	15.0
PCB-1260 Peak 1	Ave	473.4	460.0		972	1000	-2.8	15.0
PCB-1260 Peak 2	Ave	391.1	375.2		959	1000	-4.1	15.0
PCB-1260 Peak 3	Ave	1077	1113		1030	1000	3.3	15.0
PCB-1260 Peak 4	Ave	416.9	359.4		862	1000	-13.8	15.0
PCB-1260 Peak 5	Ave	342.1	379.3		1110	1000	10.9	15.0
Tetrachloro-m-xylene	Ave	10181	10313		101	100	1.3	15.0
DCB Decachlorobiphenyl	Ave	8336	9478		114	100	13.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212118/30 Calibration Date: 03/11/2014 15:35

Instrument ID: CPESTGC7 Calib Start Date: 02/27/2014 13:10

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/27/2014 14:16

Lab File ID: OR214365.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.34	2.28	2.42
PCB-1016 Peak 2	2.67	2.61	2.75
PCB-1016 Peak 3	3.12	3.06	3.20
PCB-1016 Peak 4	3.26	3.21	3.35
PCB-1016 Peak 5	3.70	3.64	3.78
PCB-1260 Peak 1	5.12	5.06	5.20
PCB-1260 Peak 2	6.28	6.22	6.36
PCB-1260 Peak 3	6.75	6.70	6.84
PCB-1260 Peak 4	7.24	7.19	7.33
PCB-1260 Peak 5	8.62	8.56	8.70
Tetrachloro-m-xylene	2.05	2.01	2.11
DCB Decachlorobiphenyl	9.37	9.29	9.49

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212118/44 Calibration Date: 03/11/2014 19:48

Instrument ID: CPESTGC7 Calib Start Date: 02/27/2014 13:10

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/27/2014 14:16

Lab File ID: OR214379.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	165.7	173.0		1040	1000	4.4	15.0
PCB-1016 Peak 2	Ave	312.4	300.3		961	1000	-3.9	15.0
PCB-1016 Peak 3	Ave	558.6	503.4		901	1000	-9.9	15.0
PCB-1016 Peak 4	Ave	169.9	164.6		969	1000	-3.1	15.0
PCB-1016 Peak 5	Ave	246.3	277.4		1130	1000	12.6	15.0
PCB-1260 Peak 1	Ave	392.3	396.0		1010	1000	1.0	15.0
PCB-1260 Peak 2	Ave	457.7	463.3		1010	1000	1.2	15.0
PCB-1260 Peak 3	Ave	360.0	362.4		1010	1000	0.7	15.0
PCB-1260 Peak 4	Ave	752.6	766.3		1020	1000	1.8	15.0
PCB-1260 Peak 5	Ave	197.1	211.5		1070	1000	7.3	15.0
Tetrachloro-m-xylene	Ave	8472	8878		105	100	4.8	15.0
DCB Decachlorobiphenyl	Ave	5349	5741		107	100	7.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212118/44 Calibration Date: 03/11/2014 19:48

Instrument ID: CPESTGC7 Calib Start Date: 02/27/2014 13:10

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/27/2014 14:16

Lab File ID: OR214379.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.04	2.98	3.12
PCB-1016 Peak 2	3.51	3.45	3.59
PCB-1016 Peak 3	4.05	3.99	4.13
PCB-1016 Peak 4	4.81	4.75	4.89
PCB-1016 Peak 5	4.97	4.90	5.04
PCB-1260 Peak 1	6.49	6.44	6.58
PCB-1260 Peak 2	6.83	6.78	6.92
PCB-1260 Peak 3	8.38	8.33	8.47
PCB-1260 Peak 4	8.93	8.87	9.01
PCB-1260 Peak 5	10.14	10.07	10.21
Tetrachloro-m-xylene	2.51	2.47	2.57
DCB Decachlorobiphenyl	10.66	10.56	10.76

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212118/44 Calibration Date: 03/11/2014 19:48

Instrument ID: CPESTGC7 Calib Start Date: 02/27/2014 13:10

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/27/2014 14:16

Lab File ID: OR214379.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	236.9	228.7		965	1000	-3.5	15.0
PCB-1016 Peak 2	Ave	383.6	379.8		990	1000	-1.0	15.0
PCB-1016 Peak 3	Ave	805.3	788.2		979	1000	-2.1	15.0
PCB-1016 Peak 4	Ave	301.9	290.3		962	1000	-3.8	15.0
PCB-1016 Peak 5	Ave	328.1	319.6		974	1000	-2.6	15.0
PCB-1260 Peak 1	Ave	473.4	461.1		974	1000	-2.6	15.0
PCB-1260 Peak 2	Ave	391.1	370.3		947	1000	-5.3	15.0
PCB-1260 Peak 3	Ave	1077	1105		1030	1000	2.6	15.0
PCB-1260 Peak 4	Ave	416.9	354.3		850	1000	-15.0	15.0
PCB-1260 Peak 5	Ave	342.1	384.4		1120	1000	12.4	15.0
Tetrachloro-m-xylene	Ave	10181	10274		101	100	0.9	15.0
DCB Decachlorobiphenyl	Ave	8336	9414		113	100	12.9	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212118/44 Calibration Date: 03/11/2014 19:48

Instrument ID: CPESTGC7 Calib Start Date: 02/27/2014 13:10

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/27/2014 14:16

Lab File ID: OR214379.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.35	2.28	2.42
PCB-1016 Peak 2	2.67	2.61	2.75
PCB-1016 Peak 3	3.12	3.06	3.20
PCB-1016 Peak 4	3.27	3.21	3.35
PCB-1016 Peak 5	3.70	3.64	3.78
PCB-1260 Peak 1	5.12	5.06	5.20
PCB-1260 Peak 2	6.28	6.22	6.36
PCB-1260 Peak 3	6.75	6.70	6.84
PCB-1260 Peak 4	7.24	7.19	7.33
PCB-1260 Peak 5	8.62	8.56	8.70
Tetrachloro-m-xylene	2.05	2.01	2.11
DCB Decachlorobiphenyl	9.37	9.29	9.49

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-211482/1-A

Matrix: Water Lab File ID: T004431.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 03/09/2014 10:42

Sample wt/vol: 1000(mL) Date Analyzed: 03/11/2014 03:32

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 211706 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004431.D
Lims ID: MB 460-211482/1-A
Client ID:
Sample Type: MB
Inject. Date: 11-Mar-2014 03:32:21 ALS Bottle#: 46 Worklist Smp#: 46
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-046
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:54:24 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 10:28:21

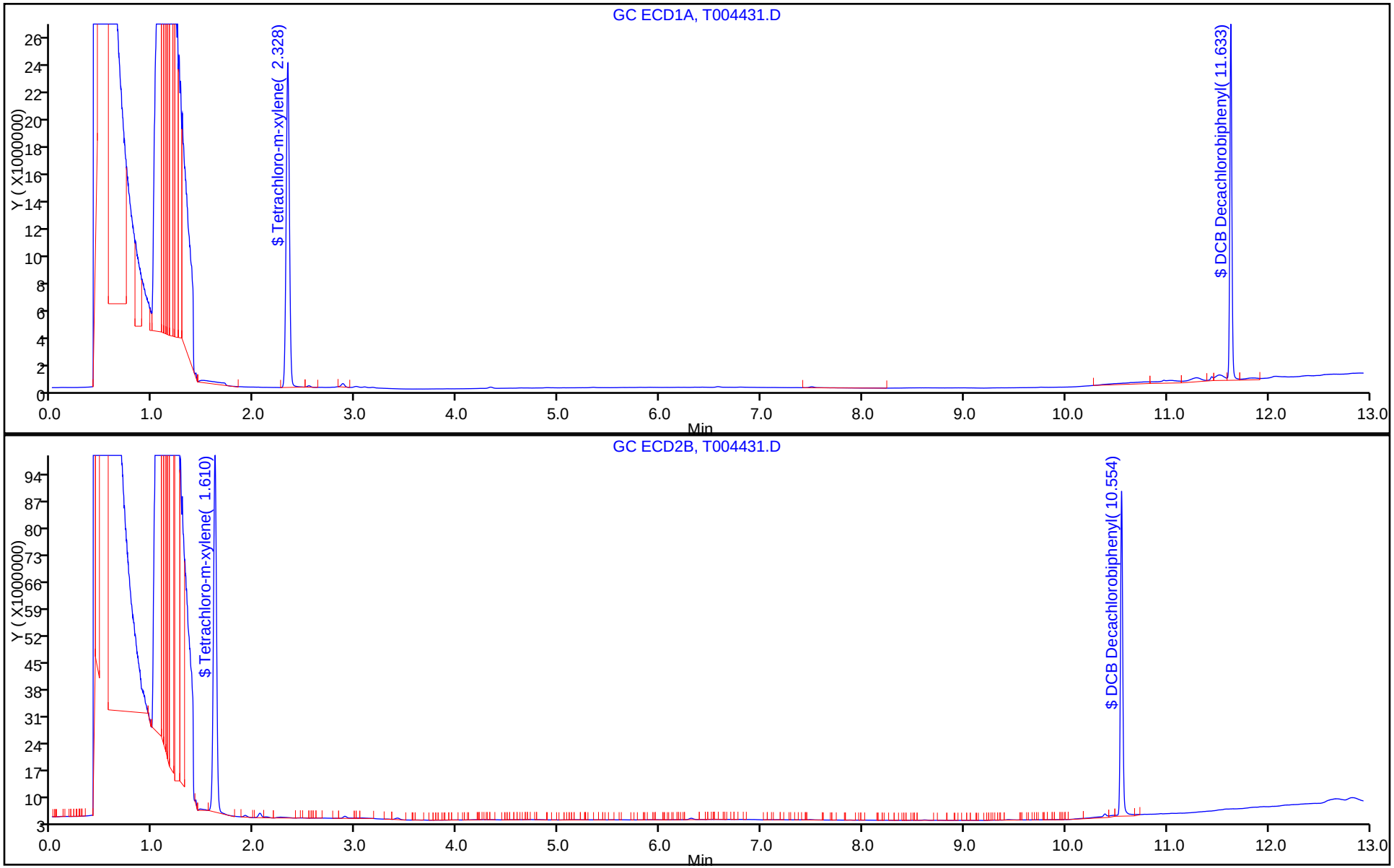
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.328	2.328	0.0	52115419	123.2	
2	1.610	1.610	0.0	197785231	108.6	
					RPD = 12.55	
$ 5 DCB Decachlorobiphenyl						
1	11.633	11.636	-0.003	35792082	111.3	
2	10.554	10.555	-0.001	132883913	109.0	
					RPD = 2.07	

Report Date: 11-Mar-2014 10:54:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004431.D

Injection Date:	11-Mar-2014 03:32:21	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	MB 460-211482/1-A			Worklist Smp#:	46
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	46
Method:	8082GC11	Limit Group:	GC 8082 PCB		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-211482/1-A

Matrix: Water Lab File ID: T004431.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 03/09/2014 10:42

Sample wt/vol: 1000(mL) Date Analyzed: 03/11/2014 03:32

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 211706 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.076	U	0.50	0.076
11104-28-2	Aroclor 1221	0.076	U	0.50	0.076
11141-16-5	Aroclor 1232	0.076	U	0.50	0.076
53469-21-9	Aroclor 1242	0.076	U	0.50	0.076
12672-29-6	Aroclor 1248	0.076	U	0.50	0.076
11097-69-1	Aroclor 1254	0.083	U	0.50	0.083
11096-82-5	Aroclor 1260	0.083	U	0.50	0.083
37324-23-5	Aroclor 1262	0.083	U	0.50	0.083
11100-14-4	Aroclor 1268	0.083	U	0.50	0.083

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004431.D
Lims ID: MB 460-211482/1-A
Client ID:
Sample Type: MB
Inject. Date: 11-Mar-2014 03:32:21 ALS Bottle#: 46 Worklist Smp#: 46
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-046
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:54:24 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 10:28:21

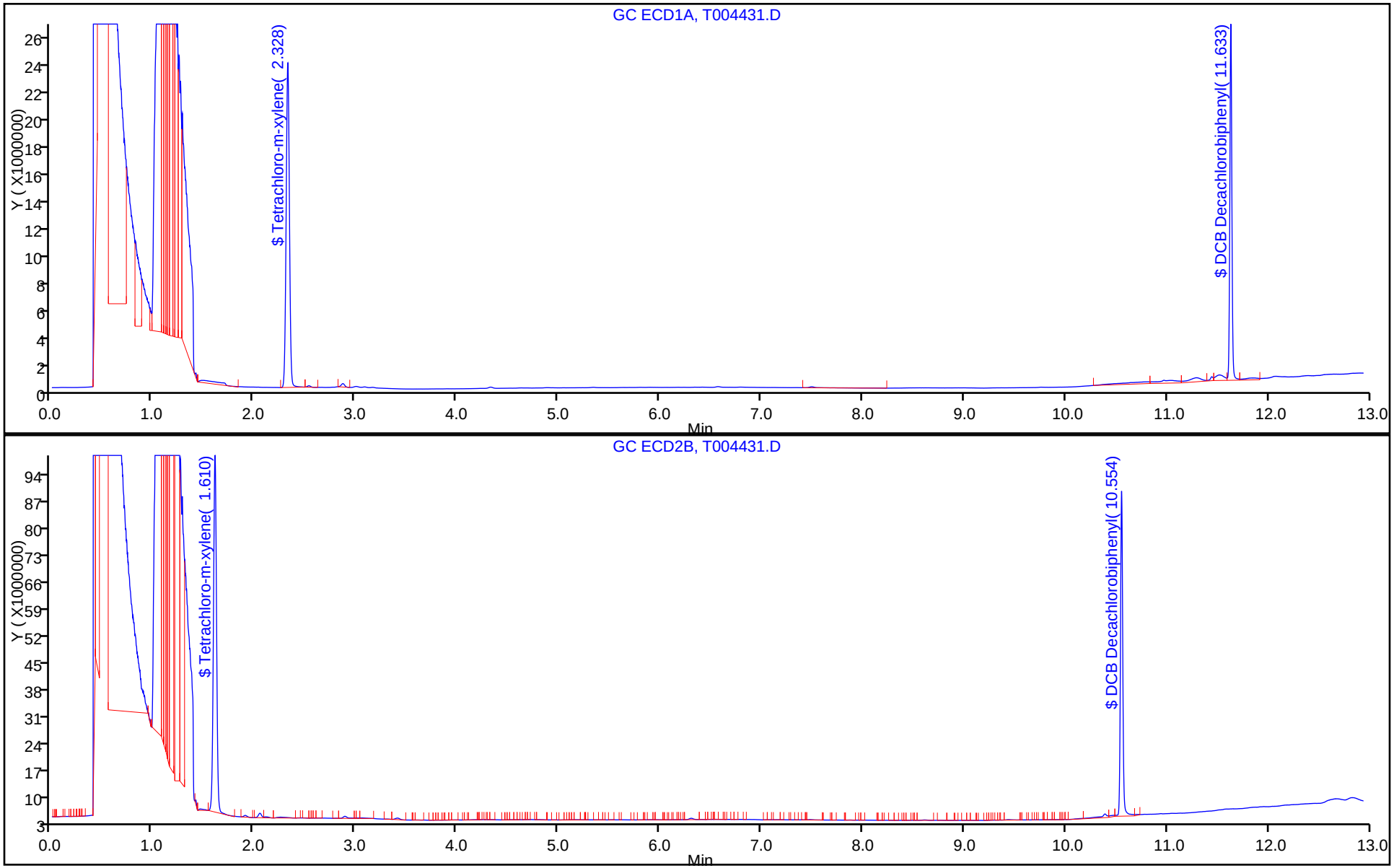
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.328	2.328	0.0	52115419	123.2	
2	1.610	1.610	0.0	197785231	108.6	
					RPD = 12.55	
$ 5 DCB Decachlorobiphenyl						
1	11.633	11.636	-0.003	35792082	111.3	
2	10.554	10.555	-0.001	132883913	109.0	
					RPD = 2.07	

Report Date: 11-Mar-2014 10:54:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004431.D

Injection Date:	11-Mar-2014 03:32:21	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	MB 460-211482/1-A			Worklist Smp#:	46
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	46
Method:	8082GC11	Limit Group:	GC 8082 PCB		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-211556/1-A

Matrix: Solid Lab File ID: OR214310.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.00(g) Date Analyzed: 03/10/2014 23:48

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	124		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214310.D
Lims ID: MB 460-211556/1-A
Client ID:
Sample Type: MB
Inject. Date: 10-Mar-2014 23:48:30 ALS Bottle#: 58 Worklist Smp#: 58
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010655-058
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 15:41:47 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:33:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.508	2.517	-0.009	455515	53.8	
2	2.048	2.055	-0.007	448235	44.0	
					RPD = 19.92	
$ 5 DCB Decachlorobiphenyl						M
1	10.652	10.655	-0.003	332961	62.2	M
2	9.375	9.387	-0.012	546576	65.6	
					RPD = 5.20	

QC Flag Legend

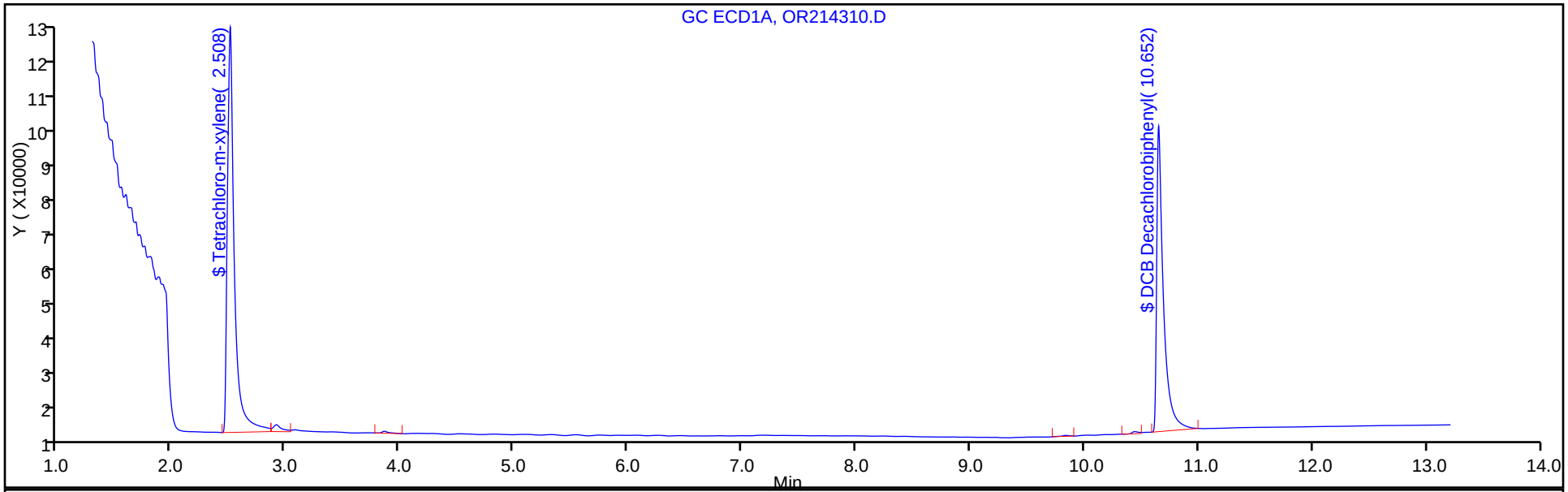
Review Flags
M - Manually Integrated

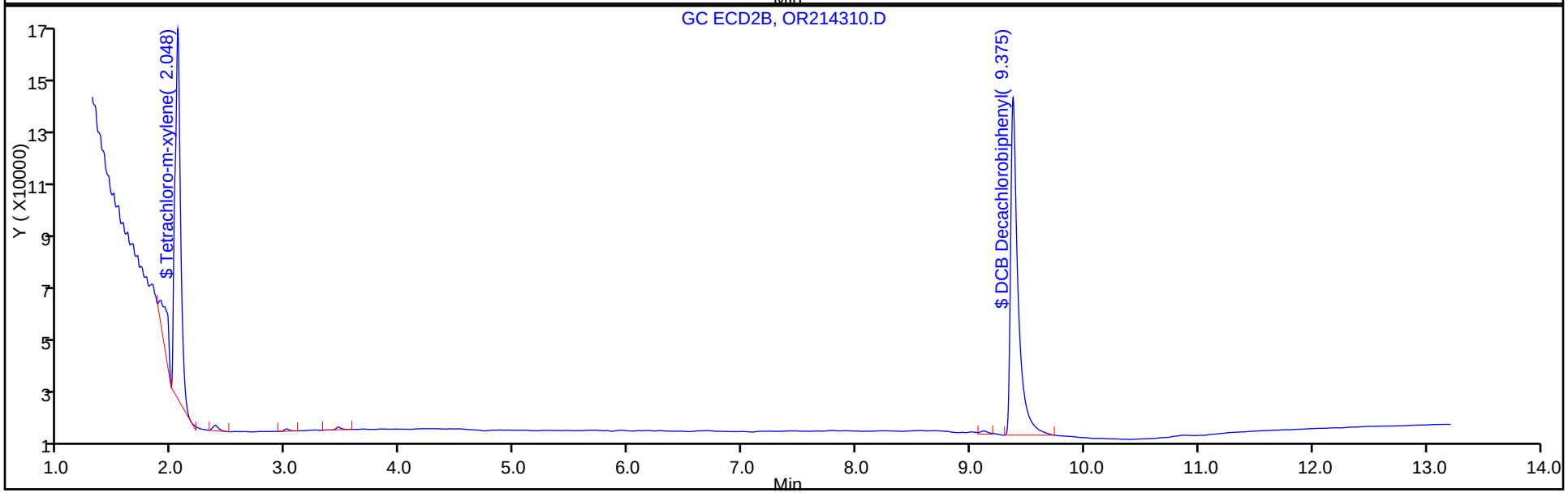
Report Date: 11-Mar-2014 15:41:53 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214310.D

Injection Date:	10-Mar-2014 23:48:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	MB 460-211556/1-A			Worklist Smp#:	58
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	58
Method:	8082GC7	Limit Group:	GC 8082 PCB		





Manual Integration/User Assign Peak Report

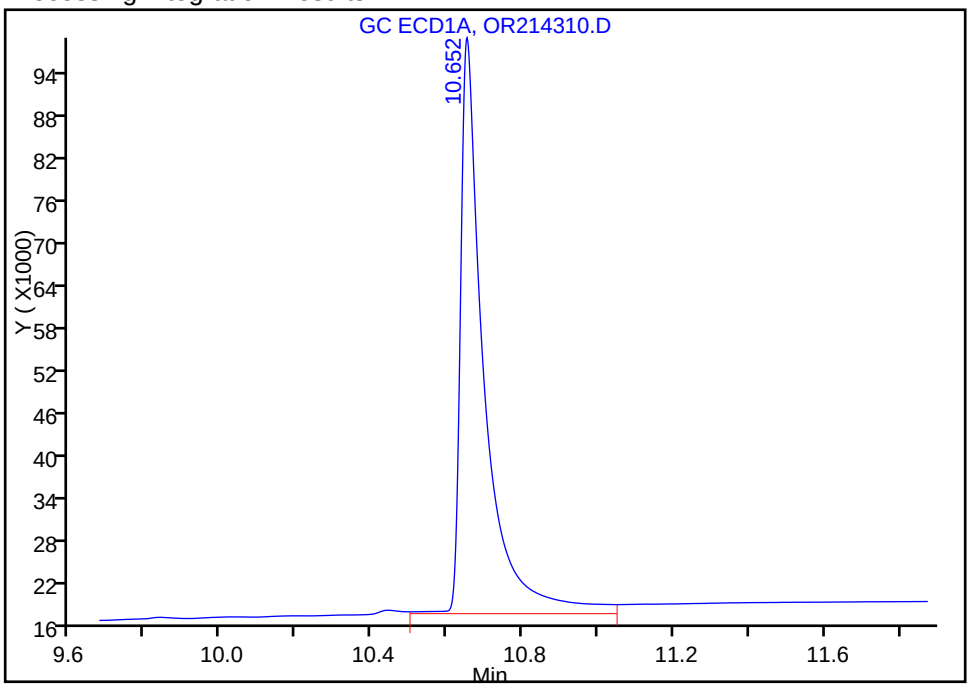
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214310.D
Injection Date: 10-Mar-2014 23:48:30 Instrument ID: CPESTGC7
Lims ID: MB 460-211556/1-A
Client ID:
Operator ID: ALS Bottle#: 58 Worklist Smp#: 58
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC7 Limit Group: GC 8082 PCB
Column: Detector GC ECD1A

$ 5 DCB Decachlorobiphenyl, CAS: 2051-24-3

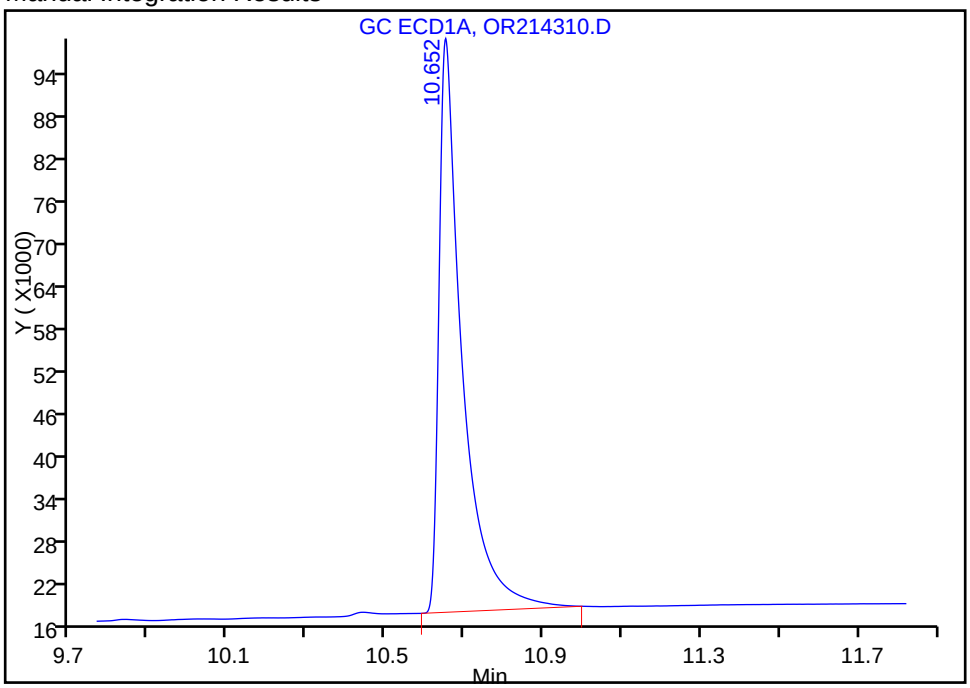
Processing Integration Results

RT: 10.65
Response: 358916
Amount: 67.095656



Manual Integration Results

RT: 10.65
Response: 332961
Amount: 62.243636



Reviewer: patelji, 11-Mar-2014 12:33:03
Audit Action: Manually Integrated
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-211556/1-A

Matrix: Solid Lab File ID: OR214310.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.00(g) Date Analyzed: 03/10/2014 23:48

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	67	15
11104-28-2	Aroclor 1221	15	U	67	15
11141-16-5	Aroclor 1232	15	U	67	15
53469-21-9	Aroclor 1242	15	U	67	15
12672-29-6	Aroclor 1248	15	U	67	15
11097-69-1	Aroclor 1254	19	U	67	19
11096-82-5	Aroclor 1260	19	U	67	19
37324-23-5	Aroclor 1262	19	U	67	19
11100-14-4	Aroclor 1268	19	U	67	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	131		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214310.D
Lims ID: MB 460-211556/1-A
Client ID:
Sample Type: MB
Inject. Date: 10-Mar-2014 23:48:30 ALS Bottle#: 58 Worklist Smp#: 58
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010655-058
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 15:41:47 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:33:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.508	2.517	-0.009	455515	53.8	
2	2.048	2.055	-0.007	448235	44.0	
					RPD = 19.92	
$ 5 DCB Decachlorobiphenyl						M
1	10.652	10.655	-0.003	332961	62.2	M
2	9.375	9.387	-0.012	546576	65.6	
					RPD = 5.20	

QC Flag Legend

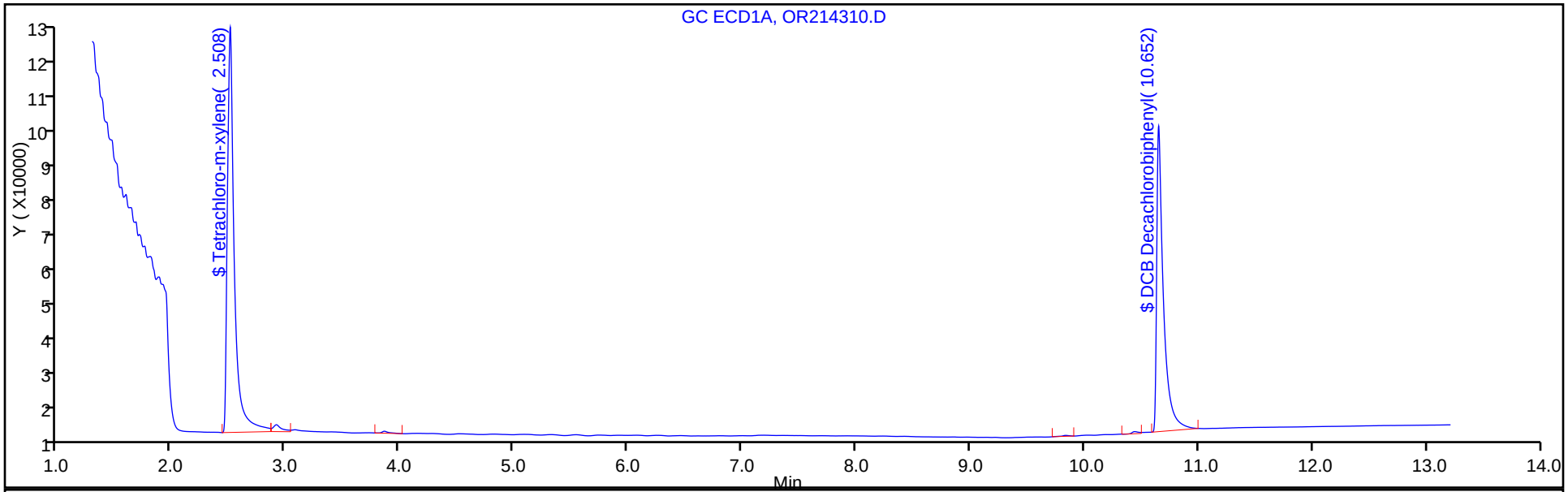
Review Flags
M - Manually Integrated

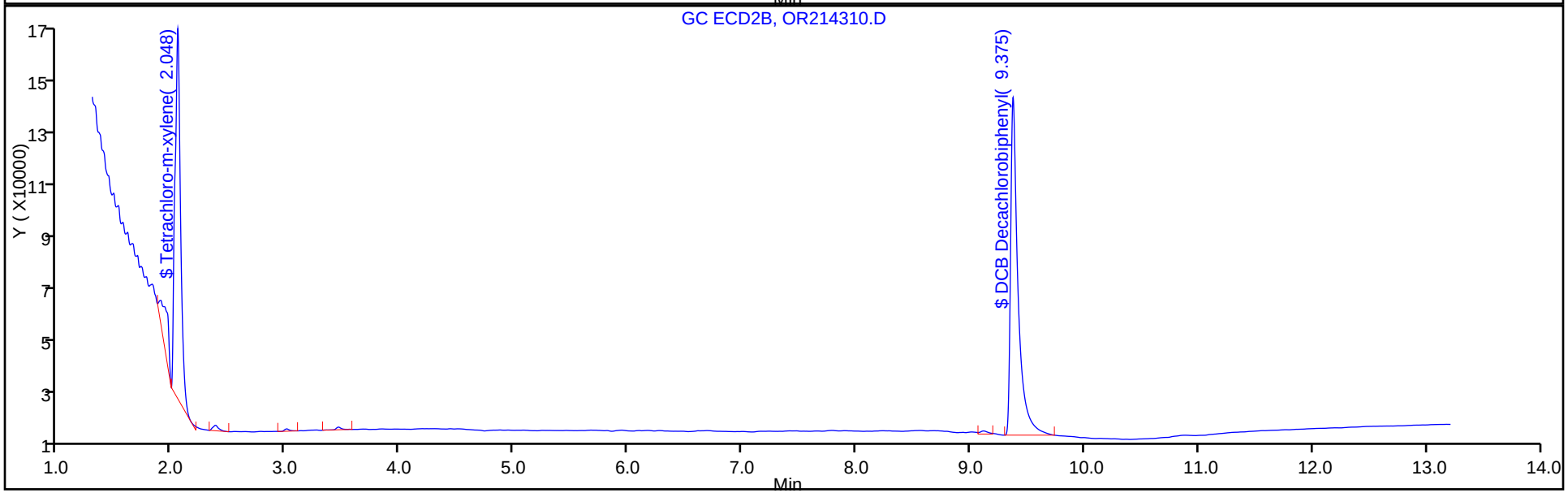
Report Date: 11-Mar-2014 15:41:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214310.D

Injection Date:	10-Mar-2014 23:48:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	MB 460-211556/1-A			Worklist Smp#:	58
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	58
Method:	8082GC7	Limit Group:	GC 8082 PCB		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-211557/1-A

Matrix: Solid Lab File ID: T004403.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.00(g) Date Analyzed: 03/10/2014 18:42

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 211705 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004403.D
Lims ID: MB 460-211557/1-A
Client ID:
Sample Type: MB
Inject. Date: 10-Mar-2014 18:42:38 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-018
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:53:23 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

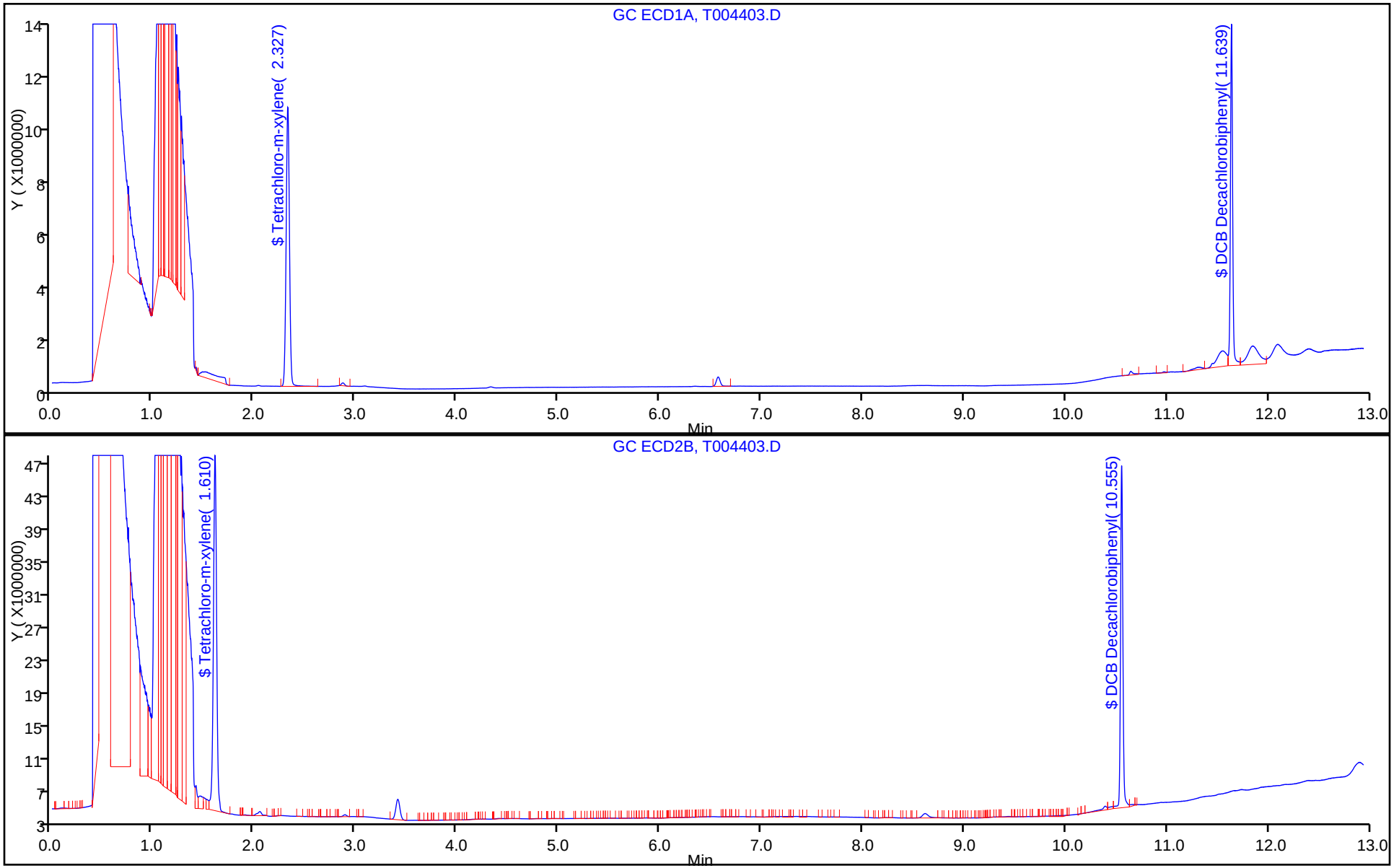
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.327	2.328	-0.001	21838406	51.6	
2	1.610	1.610	0.0	95484079	52.4	
					RPD = 1.59	
$ 5 DCB Decachlorobiphenyl						
1	11.639	11.636	0.003	17680141	55.0	
2	10.555	10.555	0.0	66436159	54.5	
					RPD = 0.86	

Report Date: 11-Mar-2014 10:53:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004403.D

Injection Date:	10-Mar-2014 18:42:38	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	MB 460-211557/1-A			Worklist Smp#:	18
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082GC11	Limit Group:	GC 8082 PCB		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-211557/1-A

Matrix: Solid Lab File ID: T004403.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.00(g) Date Analyzed: 03/10/2014 18:42

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 211705 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	67	15
11104-28-2	Aroclor 1221	15	U	67	15
11141-16-5	Aroclor 1232	15	U	67	15
53469-21-9	Aroclor 1242	15	U	67	15
12672-29-6	Aroclor 1248	15	U	67	15
11097-69-1	Aroclor 1254	19	U	67	19
11096-82-5	Aroclor 1260	19	U	67	19
37324-23-5	Aroclor 1262	19	U	67	19
11100-14-4	Aroclor 1268	19	U	67	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004403.D
Lims ID: MB 460-211557/1-A
Client ID:
Sample Type: MB
Inject. Date: 10-Mar-2014 18:42:38 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-018
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:53:23 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

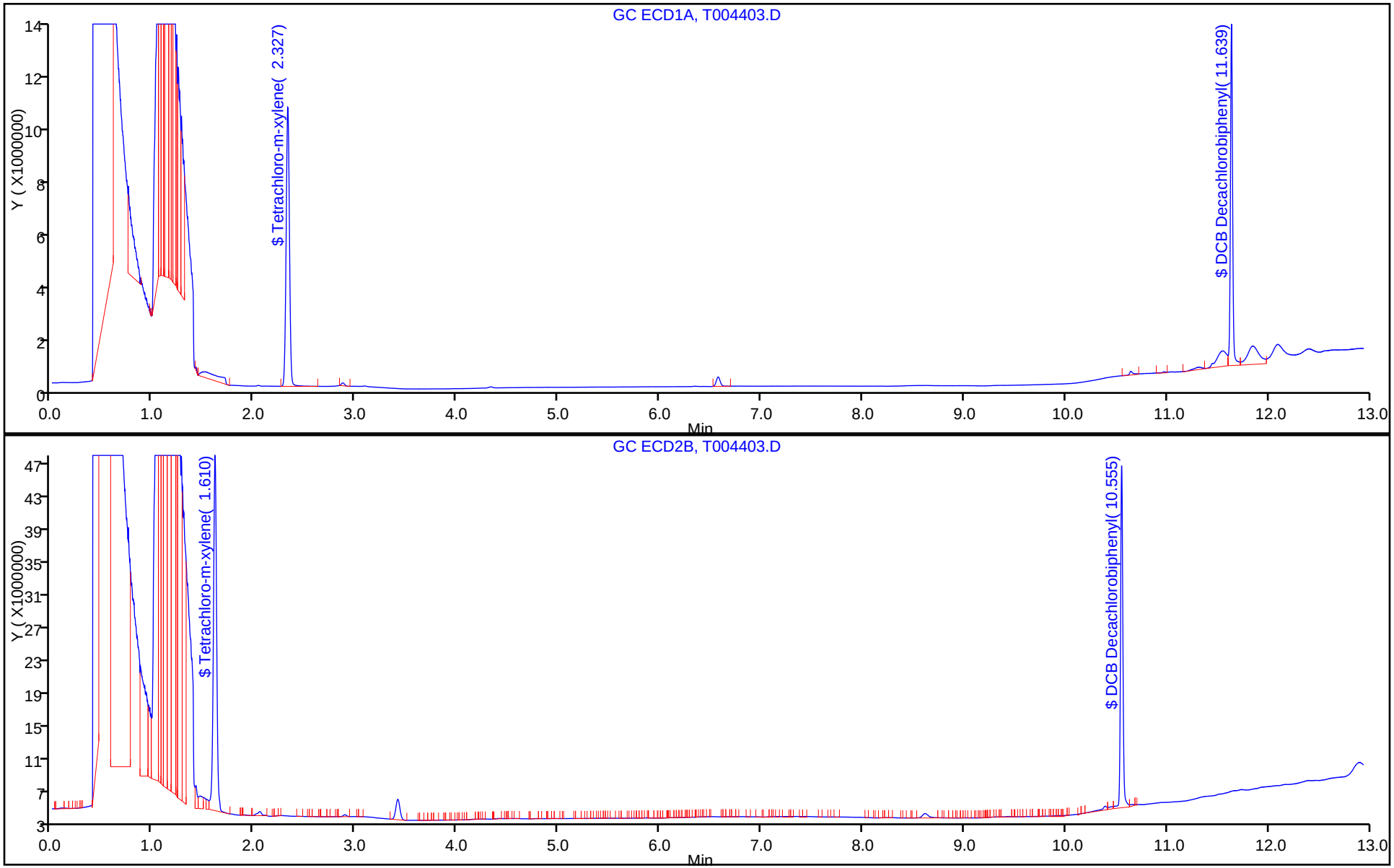
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.327	2.328	-0.001	21838406	51.6	
2	1.610	1.610	0.0	95484079	52.4	
					RPD = 1.59	
$ 5 DCB Decachlorobiphenyl						
1	11.639	11.636	0.003	17680141	55.0	
2	10.555	10.555	0.0	66436159	54.5	
					RPD = 0.86	

Report Date: 11-Mar-2014 10:53:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004403.D

Injection Date:	10-Mar-2014 18:42:38	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	MB 460-211557/1-A			Worklist Smp#:	18
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082GC11	Limit Group:	GC 8082 PCB		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-211482/2-A

Matrix: Water Lab File ID: T004432.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 03/09/2014 10:42

Sample wt/vol: 1000(mL) Date Analyzed: 03/11/2014 03:51

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 211706 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	5.81		0.50	0.076
11096-82-5	Aroclor 1260	6.08		0.50	0.083

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004432.D
Lims ID: LCS 460-211482/2-A
Client ID:
Sample Type: LCS
Inject. Date: 11-Mar-2014 03:51:16 ALS Bottle#: 47 Worklist Smp#: 47
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-047
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:54:24 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 10:28:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.329	2.328	0.001	55309904	130.7	
2	1.610	1.610	0.0	212281243	116.6	
					RPD = 11.43	
1 PCB-1016						M
1	3.062	3.060	0.002	8169308	1066.9	
1	3.787	3.789	-0.002	18683087	1190.1	
1	4.622	4.621	0.001	37247297	1152.5	M
1	5.697	5.697	0.0	11736253	1199.2	M
1	5.908	5.909	-0.001	13639194	1203.3	M
		Average of Peak Amounts =			1162.4	
2	2.033	2.034	-0.001	35094147	1083.2	M
2	2.469	2.469	0.0	66737242	1124.8	
2	3.062	3.061	0.001	143058780	1162.3	M
2	3.254	3.253	0.001	57706418	1183.1	M
2	3.951	3.952	-0.001	58605223	1256.0	M
		Average of Peak Amounts =			1161.9	
					RPD = 0.05	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	7.959	7.957	0.002	25175425	1203.0	M
1	8.427	8.423	0.004	29863432	1181.5	
1	10.076	10.075	0.001	23689149	1238.8	
1	10.392	10.391	0.001	50782229	1218.0	M
1	11.199	11.198	0.001	13419329	1239.2	M
		Average of Peak Amounts =			1216.1	
2	5.972	5.972	0.0	82807523	1207.7	M
2	7.487	7.486	0.001	79153677	1124.9	
2	8.121	8.121	0.0	179636255	1181.0	
2	8.759	8.760	-0.001	92368165	1151.1	
2	10.057	10.058	-0.001	46485517	1225.7	
		Average of Peak Amounts =			1178.1	
					RPD = 3.17	
$ 5 DCB Decachlorobiphenyl						
1	11.637	11.636	0.001	27575474	85.7	
2	10.554	10.555	-0.001	102027369	83.7	
					RPD = 2.41	

QC Flag Legend

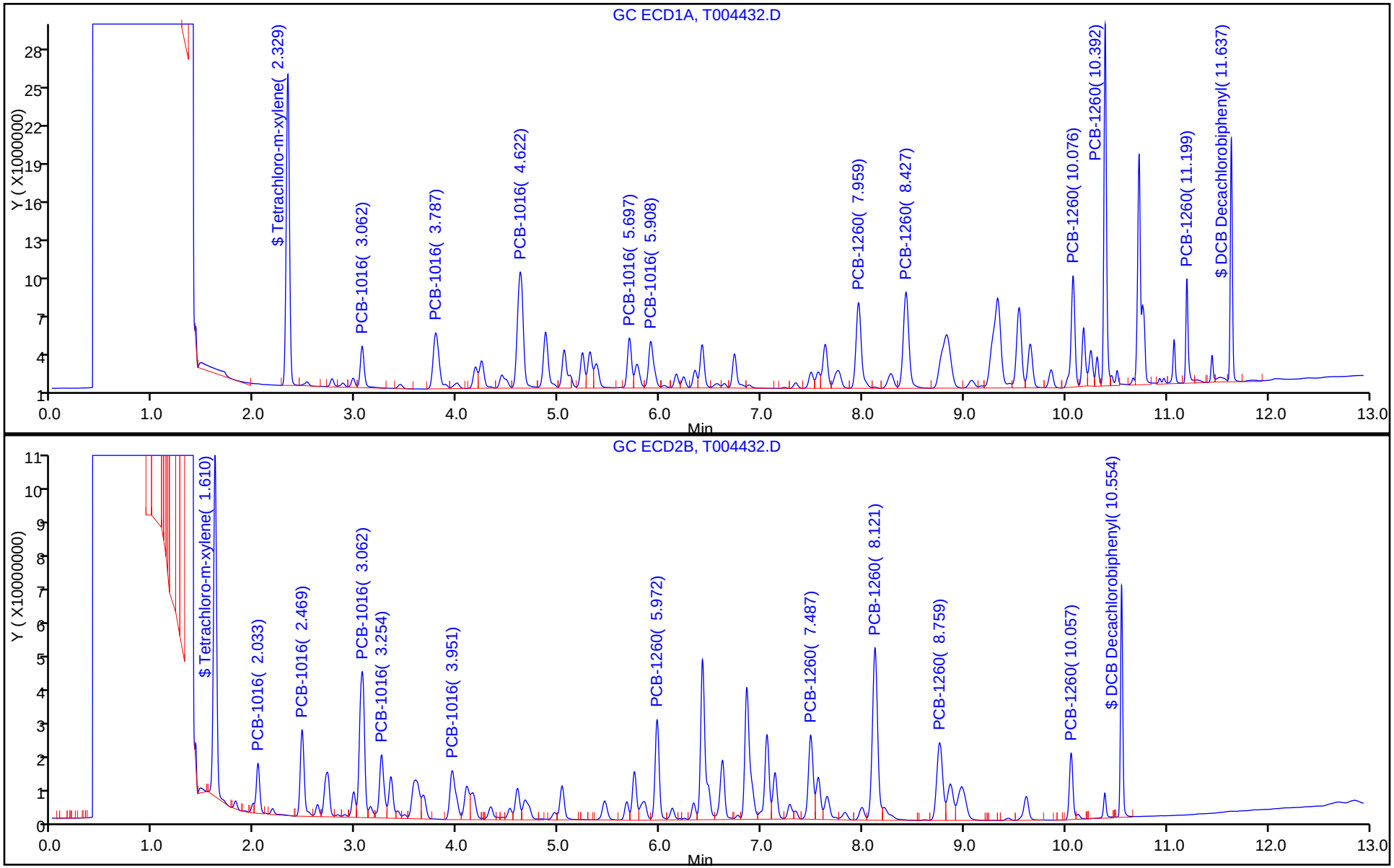
Review Flags
M - Manually Integrated

Report Date: 11-Mar-2014 10:54:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004432.D

Injection Date:	11-Mar-2014 03:51:16	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCS 460-211482/2-A			Worklist Smp#:	47
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	47
Method:	8082GC11	Limit Group:	GC 8082 PCB		



Report Date: 11-Mar-2014 10:54:29 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004432.D

Injection Date: 11-Mar-2014 03:51:16 Instrument ID: CPESTGC11

Lims ID: LCS 460-211482/2-A

Client ID:

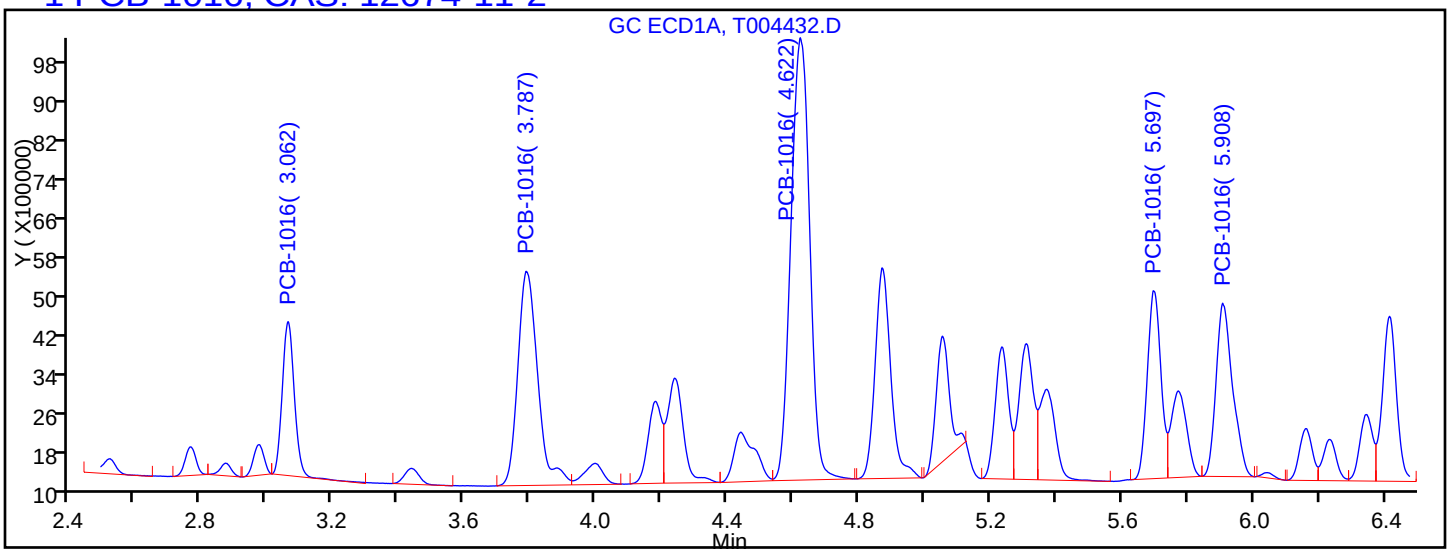
Operator ID: ALS Bottle#: 47 Worklist Smp#: 47

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC11 Limit Group: GC 8082 PCB

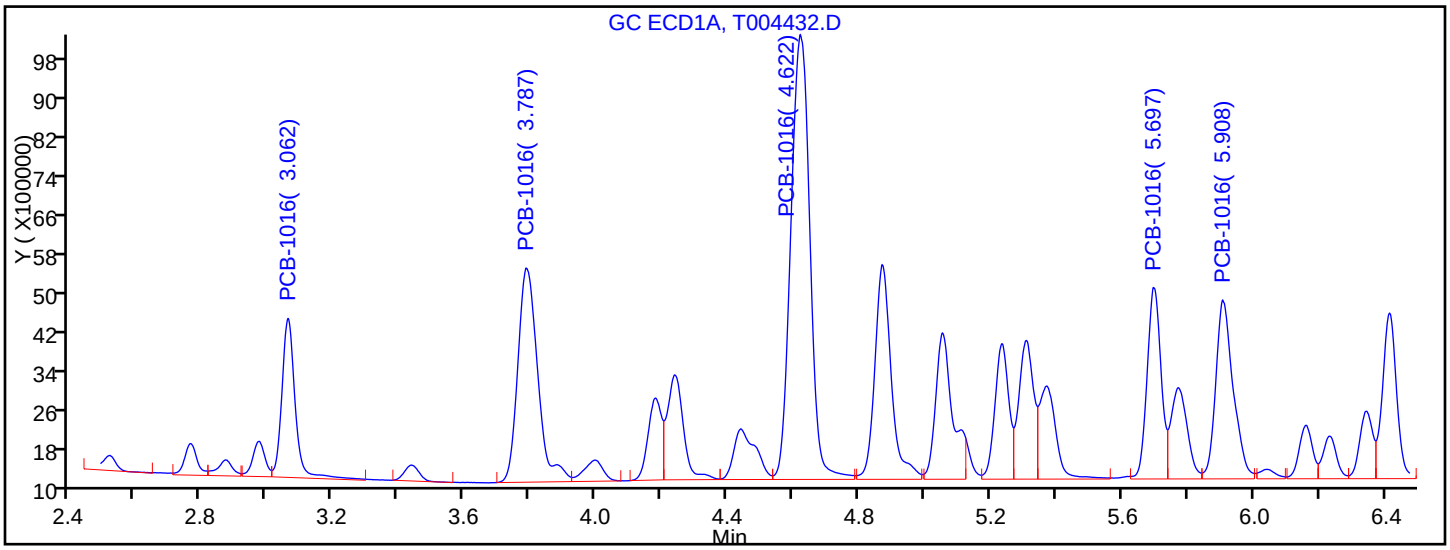
Column: Detector GC ECD1A

1 PCB-1016, CAS: 12674-11-2



Processing Integration Results

RT = 3.062	Response = 8169308	
RT = 3.787	Response = 18683087	
RT = 4.622	Response = 36342069	M
RT = 5.697	Response = 11256581	M
RT = 5.908	Response = 12529890	M



Manual Integration Results

RT = 3.062	Response = 8169308	
RT = 3.787	Response = 18683087	
RT = 4.622	Response = 37247297	M
RT = 5.697	Response = 11736253	M
RT = 5.908	Response = 13639194	M

Reviewer: patelji, 11-Mar-2014 10:28:55

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Report Date: 11-Mar-2014 10:54:29 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004432.D

Injection Date: 11-Mar-2014 03:51:16 Instrument ID: CPESTGC11

Lims ID: LCS 460-211482/2-A

Client ID:

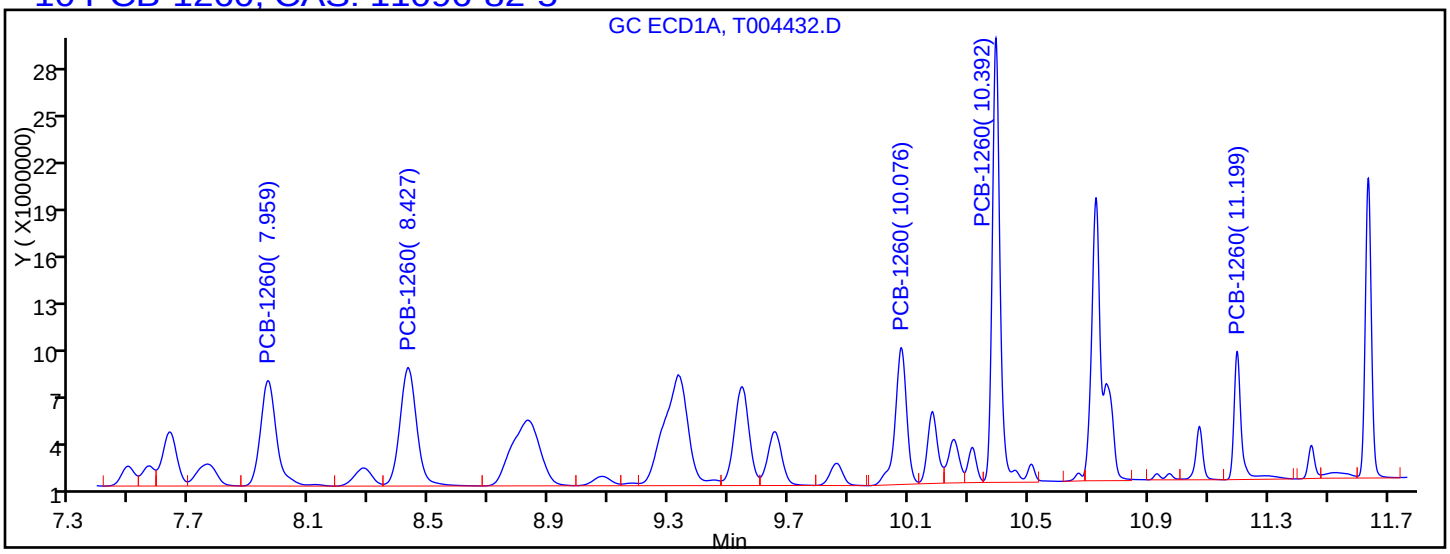
Operator ID: ALS Bottle#: 47 Worklist Smp#: 47

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC11 Limit Group: GC 8082 PCB

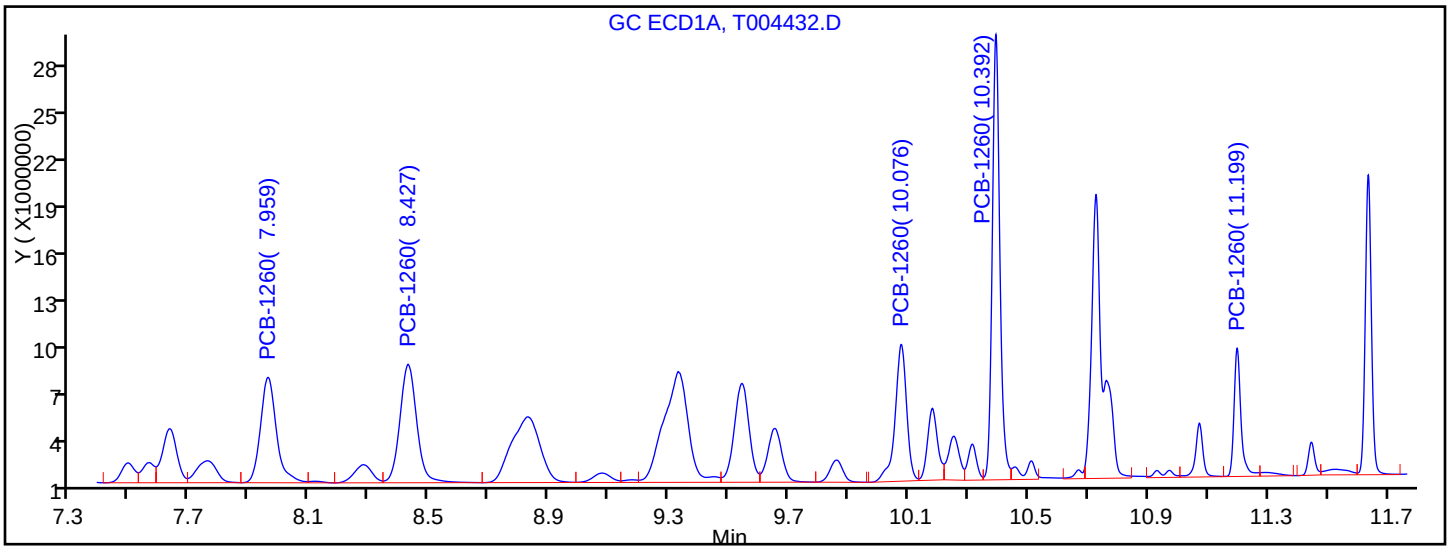
Column: Detector GC ECD1A

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 7.959	Response = 25481413	M
RT = 8.427	Response = 29863432	
RT = 10.076	Response = 23689149	
RT = 10.392	Response = 53838072	M
RT = 11.199	Response = 14226420	M



Manual Integration Results

RT = 7.959	Response = 25175425	M
RT = 8.427	Response = 29863432	
RT = 10.076	Response = 23689149	
RT = 10.392	Response = 50782229	M
RT = 11.199	Response = 13419329	M

Reviewer: patelji, 11-Mar-2014 10:28:55

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-211482/2-A

Matrix: Water Lab File ID: T004432.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 03/09/2014 10:42

Sample wt/vol: 1000(mL) Date Analyzed: 03/11/2014 03:51

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 211706 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*5.81*		*0.50*	*0.076*
11096-82-5	*Aroclor 1260*	*5.89*		*0.50*	*0.083*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	84		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004432.D
Lims ID: LCS 460-211482/2-A
Client ID:
Sample Type: LCS
Inject. Date: 11-Mar-2014 03:51:16 ALS Bottle#: 47 Worklist Smp#: 47
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-047
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:54:24 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 10:28:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.329	2.328	0.001	55309904	130.7	
2	1.610	1.610	0.0	212281243	116.6	
					RPD = 11.43	
1 PCB-1016						M
1	3.062	3.060	0.002	8169308	1066.9	
1	3.787	3.789	-0.002	18683087	1190.1	
1	4.622	4.621	0.001	37247297	1152.5	M
1	5.697	5.697	0.0	11736253	1199.2	M
1	5.908	5.909	-0.001	13639194	1203.3	M
		Average of Peak Amounts =			1162.4	
2	2.033	2.034	-0.001	35094147	1083.2	M
2	2.469	2.469	0.0	66737242	1124.8	
2	3.062	3.061	0.001	143058780	1162.3	M
2	3.254	3.253	0.001	57706418	1183.1	M
2	3.951	3.952	-0.001	58605223	1256.0	M
		Average of Peak Amounts =			1161.9	
					RPD = 0.05	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	7.959	7.957	0.002	25175425	1203.0	M
1	8.427	8.423	0.004	29863432	1181.5	
1	10.076	10.075	0.001	23689149	1238.8	
1	10.392	10.391	0.001	50782229	1218.0	M
1	11.199	11.198	0.001	13419329	1239.2	M
		Average of Peak Amounts =			1216.1	
2	5.972	5.972	0.0	82807523	1207.7	M
2	7.487	7.486	0.001	79153677	1124.9	
2	8.121	8.121	0.0	179636255	1181.0	
2	8.759	8.760	-0.001	92368165	1151.1	
2	10.057	10.058	-0.001	46485517	1225.7	
		Average of Peak Amounts =			1178.1	
					RPD = 3.17	
$ 5 DCB Decachlorobiphenyl						
1	11.637	11.636	0.001	27575474	85.7	
2	10.554	10.555	-0.001	102027369	83.7	
					RPD = 2.41	

QC Flag Legend

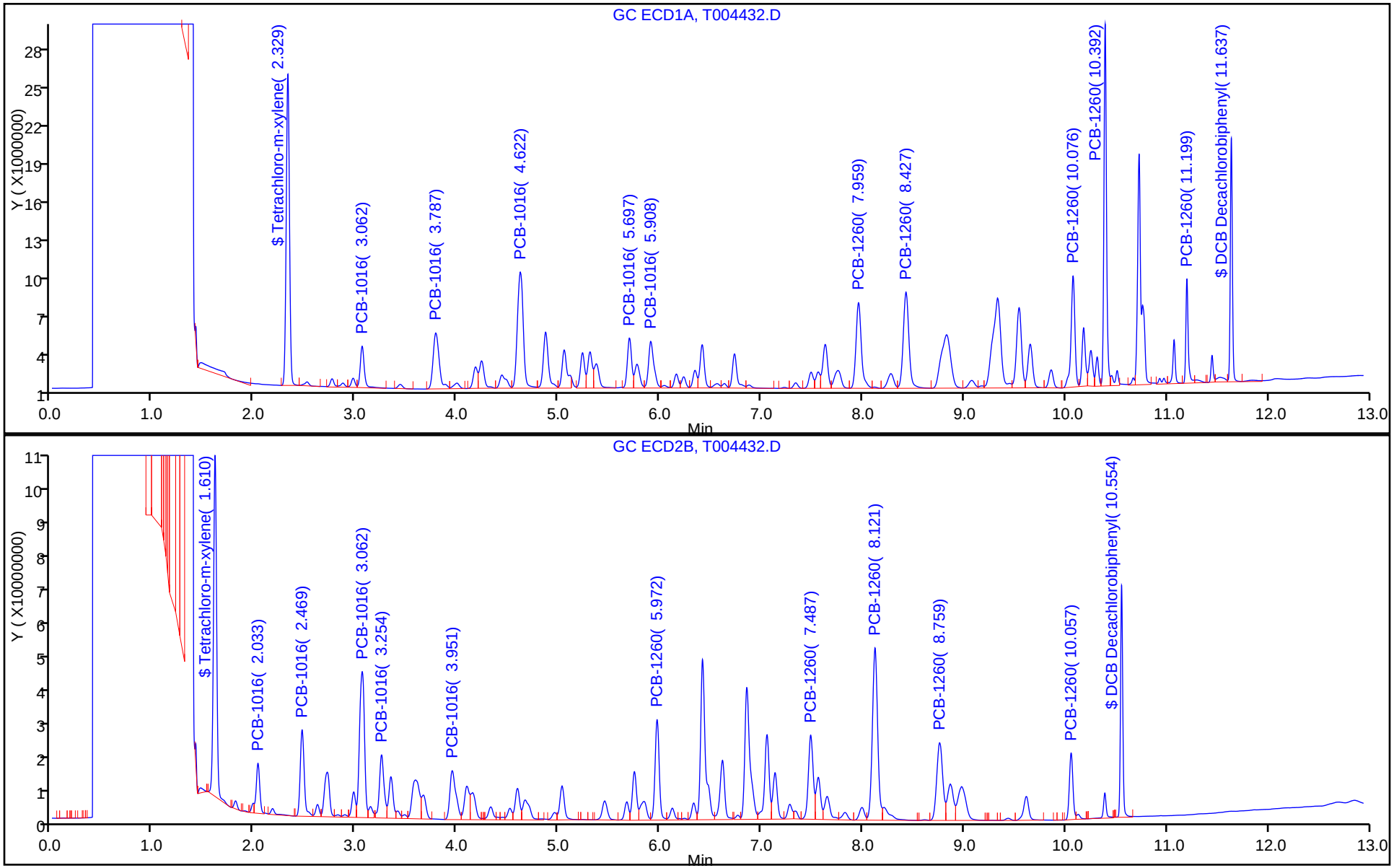
Review Flags
M - Manually Integrated

Report Date: 11-Mar-2014 10:54:30 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004432.D

Injection Date:	11-Mar-2014 03:51:16	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCS 460-211482/2-A			Worklist Smp#:	47
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	47
Method:	8082GC11	Limit Group:	GC 8082 PCB		



Report Date: 11-Mar-2014 10:54:30 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004432.D

Injection Date: 11-Mar-2014 03:51:16 Instrument ID: CPESTGC11

Lims ID: LCS 460-211482/2-A

Client ID:

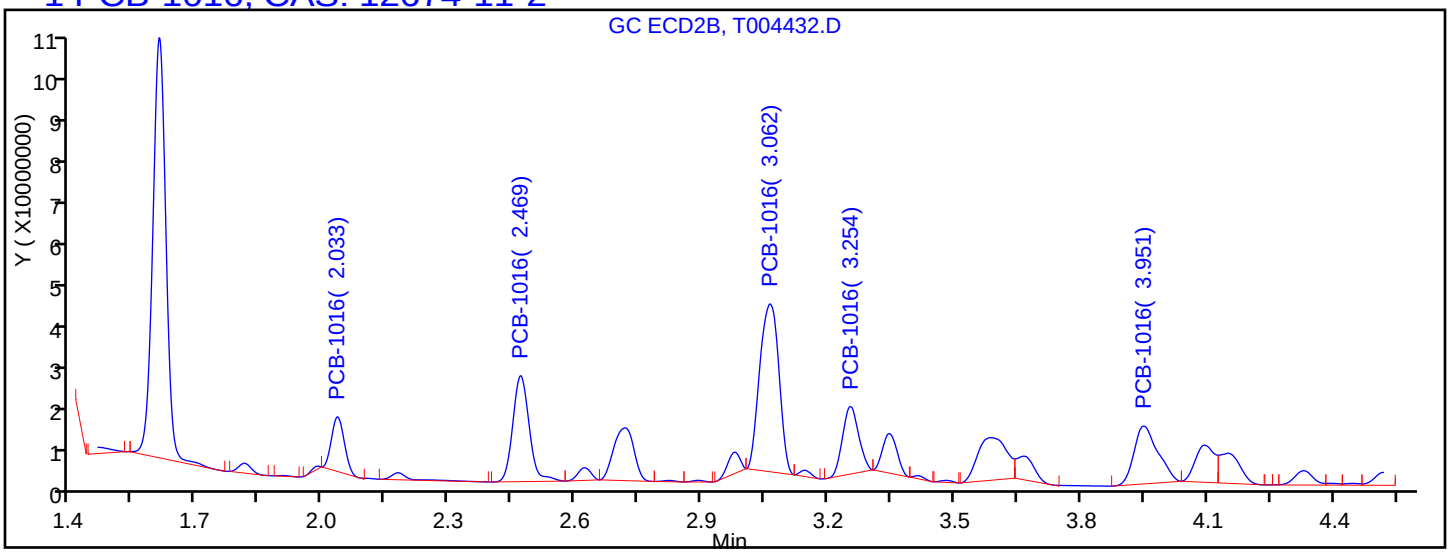
Operator ID: ALS Bottle#: 47 Worklist Smp#: 47

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC11 Limit Group: GC 8082 PCB

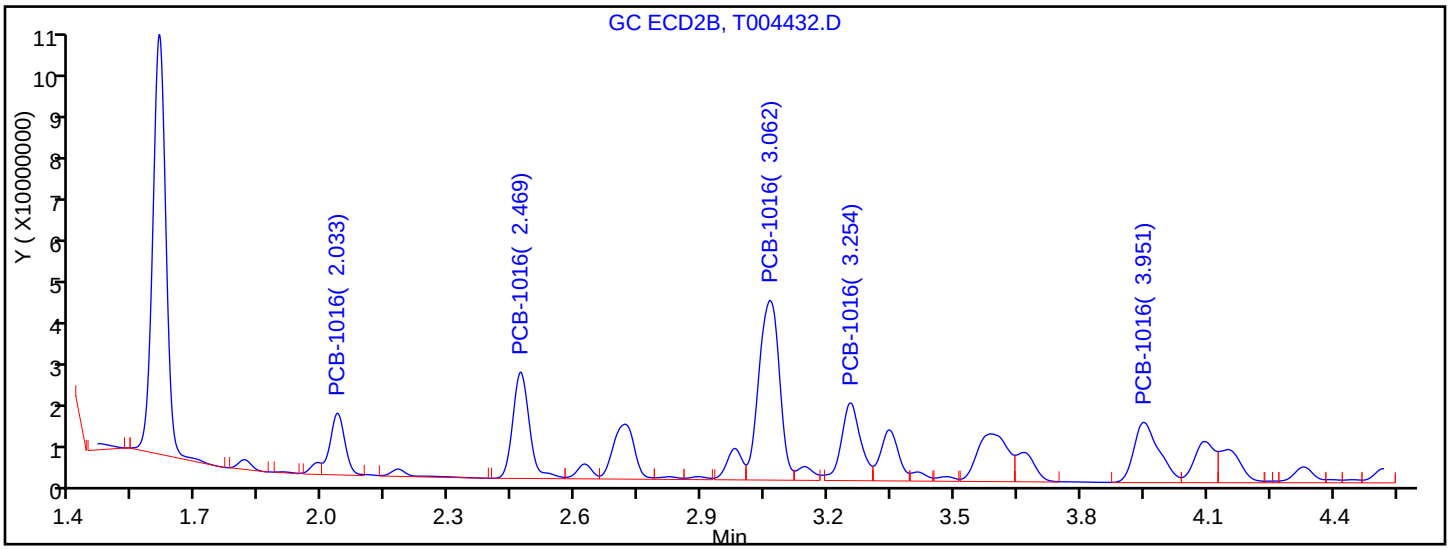
Column: Detector GC ECD2B

1 PCB-1016, CAS: 12674-11-2



Processing Integration Results

RT = 2.033	Response = 27057732	M
RT = 2.469	Response = 66737242	
RT = 3.062	Response = 123936546	M
RT = 3.254	Response = 41807086	M
RT = 3.951	Response = 52580503	M



Manual Integration Results

RT = 2.033	Response = 35094147	M
RT = 2.469	Response = 66737242	
RT = 3.062	Response = 143058780	M
RT = 3.254	Response = 57706418	M
RT = 3.951	Response = 58605223	M

Reviewer: patelji, 11-Mar-2014 10:28:55

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Report Date: 11-Mar-2014 10:54:30 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004432.D

Injection Date: 11-Mar-2014 03:51:16 Instrument ID: CPESTGC11

Lims ID: LCS 460-211482/2-A

Client ID:

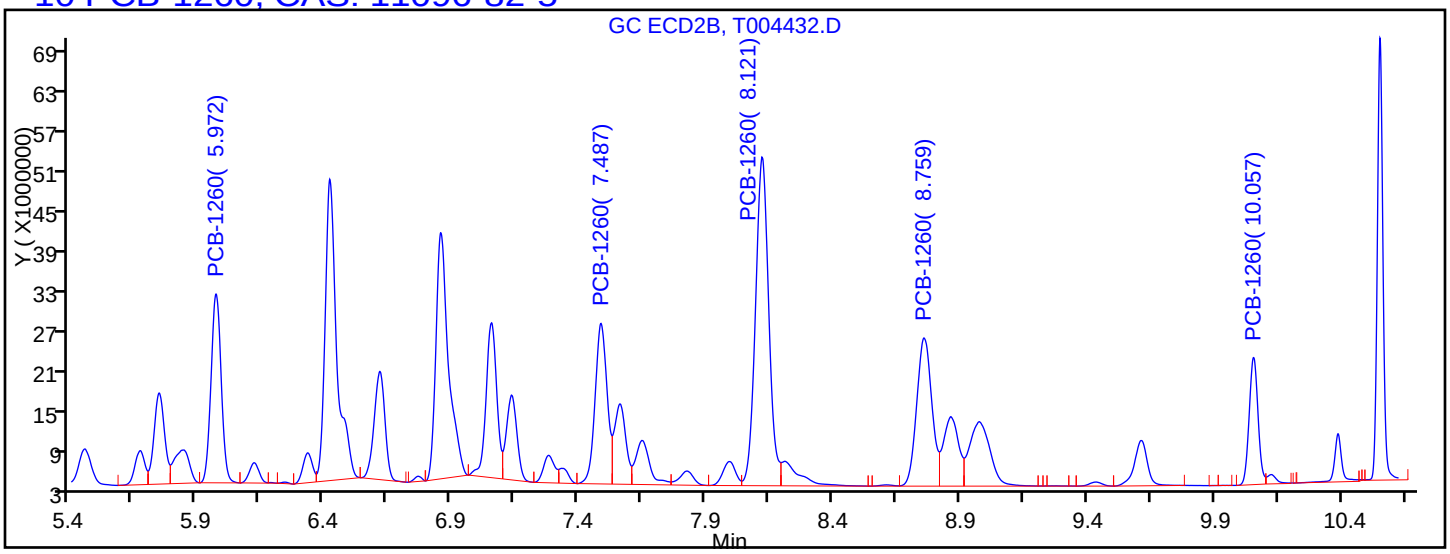
Operator ID: ALS Bottle#: 47 Worklist Smp#: 47

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC11 Limit Group: GC 8082 PCB

Column: Detector GC ECD2B

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

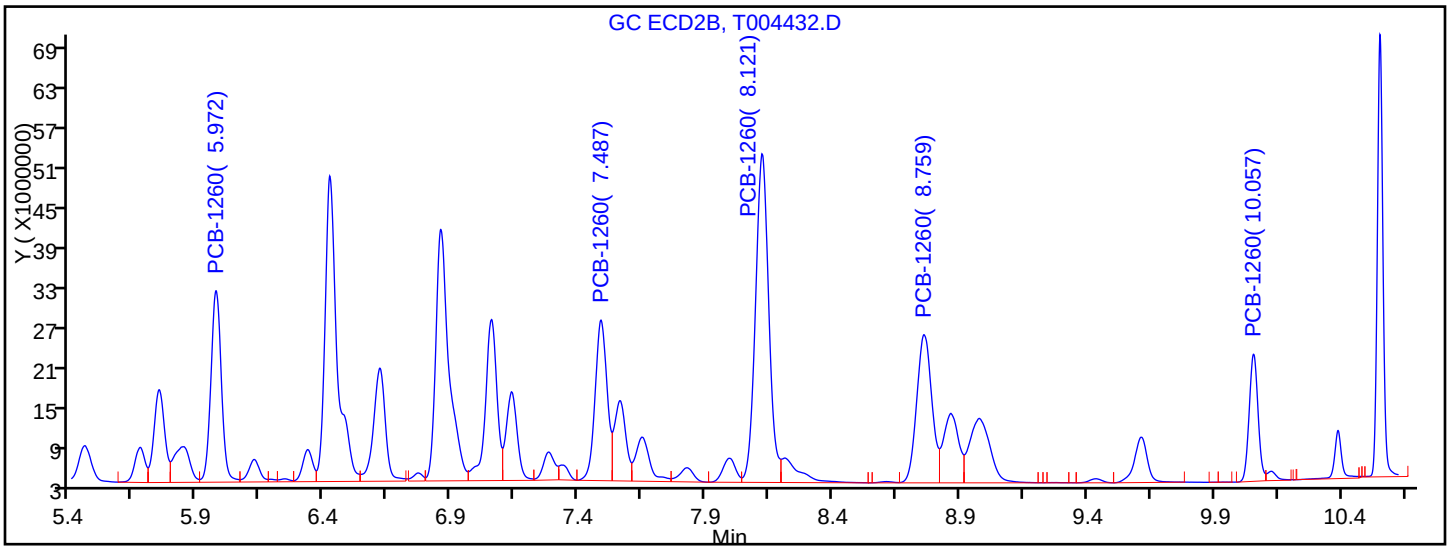
RT = 5.972 Response = 79060027 M

RT = 7.487 Response = 79153677

RT = 8.121 Response = 179636255

RT = 8.759 Response = 92368165

RT = 10.057 Response = 46485517



Manual Integration Results

RT = 5.972 Response = 82807523 M

RT = 7.487 Response = 79153677

RT = 8.121 Response = 179636255

RT = 8.759 Response = 92368165

RT = 10.057 Response = 46485517

Reviewer: patelji, 11-Mar-2014 10:28:55

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-211556/2-A

Matrix: Solid Lab File ID: OR214311.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.00(g) Date Analyzed: 03/11/2014 00:04

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*345*		*67*	*15*
11096-82-5	Aroclor 1260	325		67	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	133		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214311.D
Lims ID: LCS 460-211556/2-A
Client ID:
Sample Type: LCS
Inject. Date: 11-Mar-2014 00:04:30 ALS Bottle#: 59 Worklist Smp#: 59
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010655-059
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 15:41:47 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:34:00

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.508	2.517	-0.009	499178	58.9	
2	2.048	2.055	-0.007	515925	50.7	
					RPD = 15.05	
1 PCB-1016						M
1	3.033	3.045	-0.012	79665	480.8	M
1	3.503	3.515	-0.012	166300	532.3	M
1	4.043	4.057	-0.014	249044	445.8	M
1	4.802	4.815	-0.013	90366	531.9	M
1	4.962	4.973	-0.011	146119	593.3	M
		Average of Peak Amounts =			516.8	
2	2.343	2.352	-0.009	122927	518.8	M
2	2.667	2.677	-0.010	214204	558.4	
2	3.120	3.130	-0.010	457066	567.5	M
2	3.263	3.275	-0.012	161822	536.1	M
2	3.702	3.713	-0.011	186428	568.3	M
		Average of Peak Amounts =			549.8	
					RPD = 6.18	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	6.490	6.505	-0.015	201973	514.9	M
1	6.830	6.845	-0.015	218113	476.5	M
1	8.377	8.400	-0.023	146308	406.4	M
1	8.932	8.942	-0.010	420473	558.7	M
1	10.143	10.143	0.0	95012	482.1	
		Average of Peak Amounts =			487.7	
2	5.117	5.130	-0.013	248110	524.1	M
2	6.277	6.290	-0.013	188316	481.5	M
2	6.752	6.768	-0.016	557410	517.6	
2	7.242	7.258	-0.016	151468	363.3	
2	8.617	8.633	-0.016	185263	541.6	
		Average of Peak Amounts =			485.6	
					RPD = 0.43	
$ 5 DCB Decachlorobiphenyl						M
1	10.650	10.655	-0.005	355587	66.5	
2	9.373	9.387	-0.014	562667	67.5	M
					RPD = 1.53	

QC Flag Legend

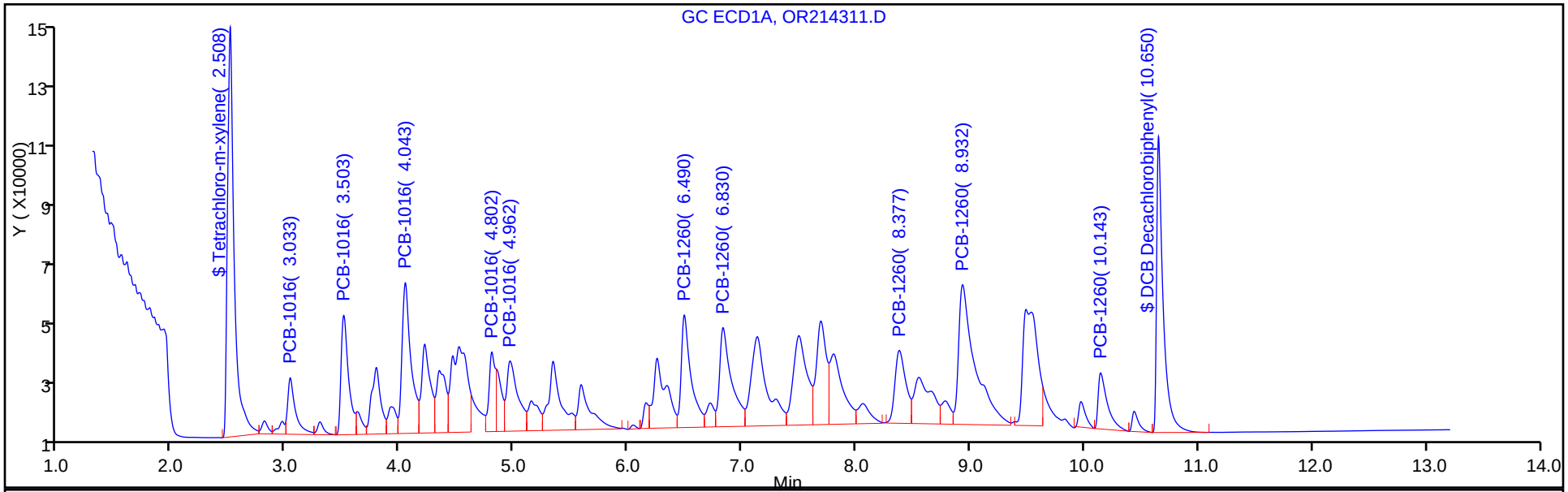
Review Flags
M - Manually Integrated

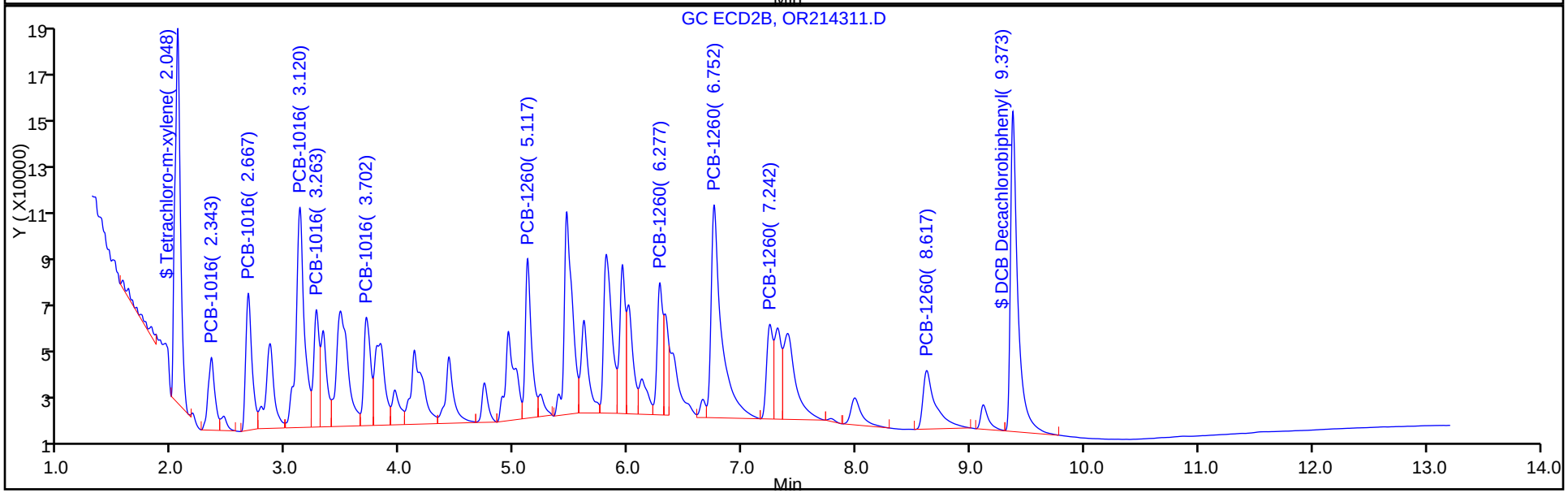
Report Date: 11-Mar-2014 15:41:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214311.D

Injection Date:	11-Mar-2014 00:04:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	LCS 460-211556/2-A			Worklist Smp#:	59
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	59
Method:	8082GC7	Limit Group:	GC 8082 PCB		





Report Date: 11-Mar-2014 15:41:55 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214311.D

Injection Date: 11-Mar-2014 00:04:30 Instrument ID: CPESTGC7

Lims ID: LCS 460-211556/2-A

Client ID:

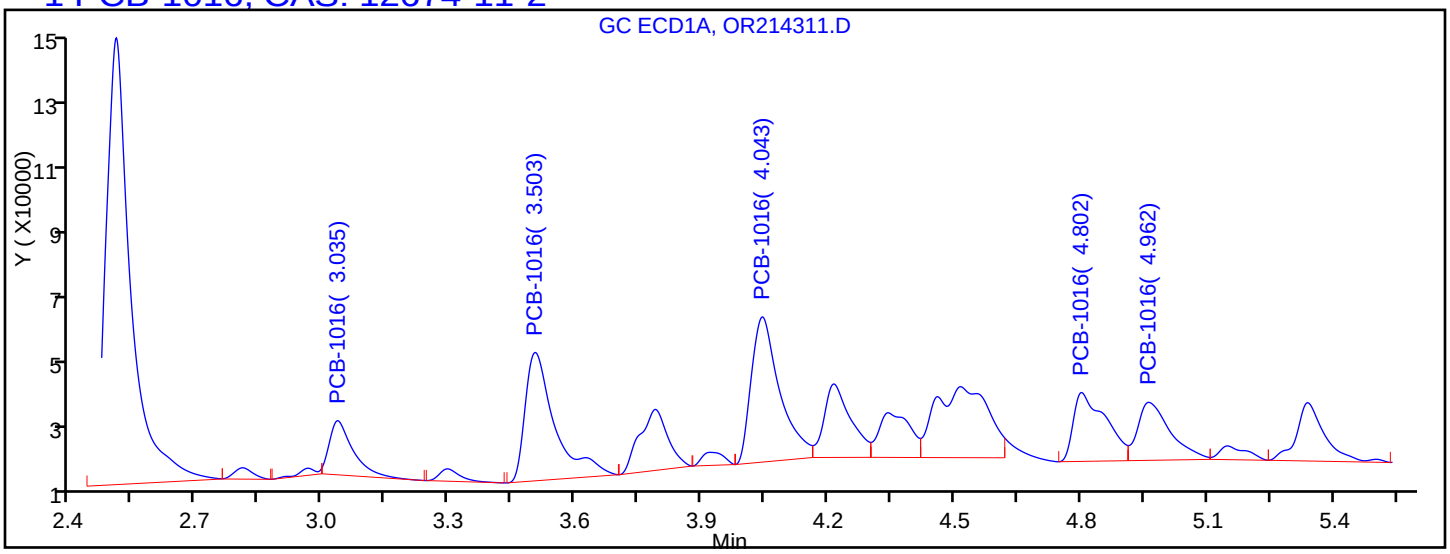
Operator ID: ALS Bottle#: 59 Worklist Smp#: 59

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC7 Limit Group: GC 8082 PCB

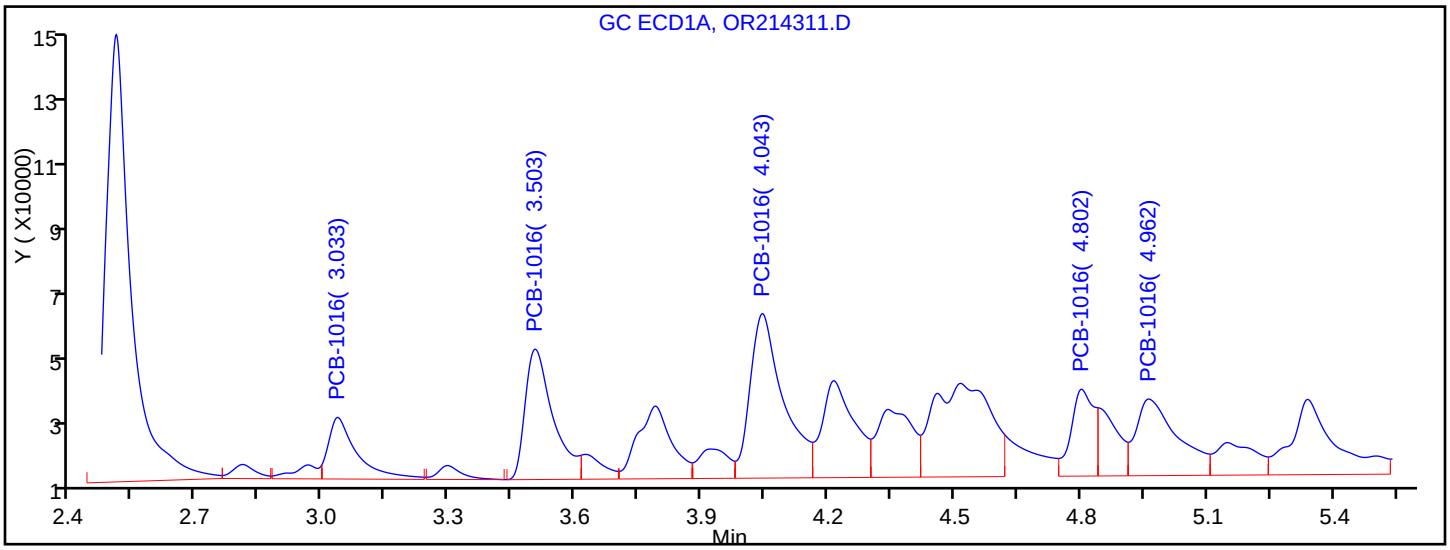
Column: Detector GC ECD1A

1 PCB-1016, CAS: 12674-11-2



Processing Integration Results

RT = 3.035	Response = 58451	M
RT = 3.503	Response = 173365	M
RT = 4.043	Response = 187741	M
RT = 4.802	Response = 101558	M
RT = 4.962	Response = 85706	M



Manual Integration Results

RT = 3.033	Response = 79665	M
RT = 3.503	Response = 166300	M
RT = 4.043	Response = 249044	M
RT = 4.802	Response = 90366	M
RT = 4.962	Response = 146119	M

Reviewer: patelji, 11-Mar-2014 12:34:00

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

Report Date: 11-Mar-2014 15:41:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214311.D

Injection Date: 11-Mar-2014 00:04:30 Instrument ID: CPESTGC7

Lims ID: LCS 460-211556/2-A

Client ID:

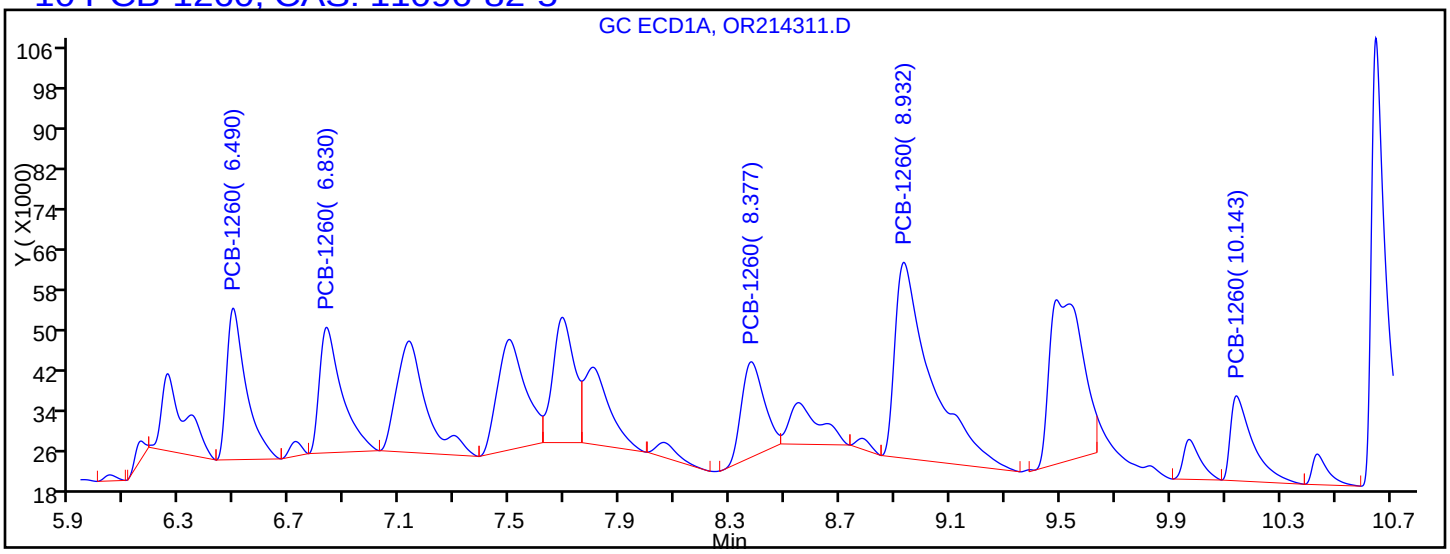
Operator ID: ALS Bottle#: 59 Worklist Smp#: 59

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC7 Limit Group: GC 8082 PCB

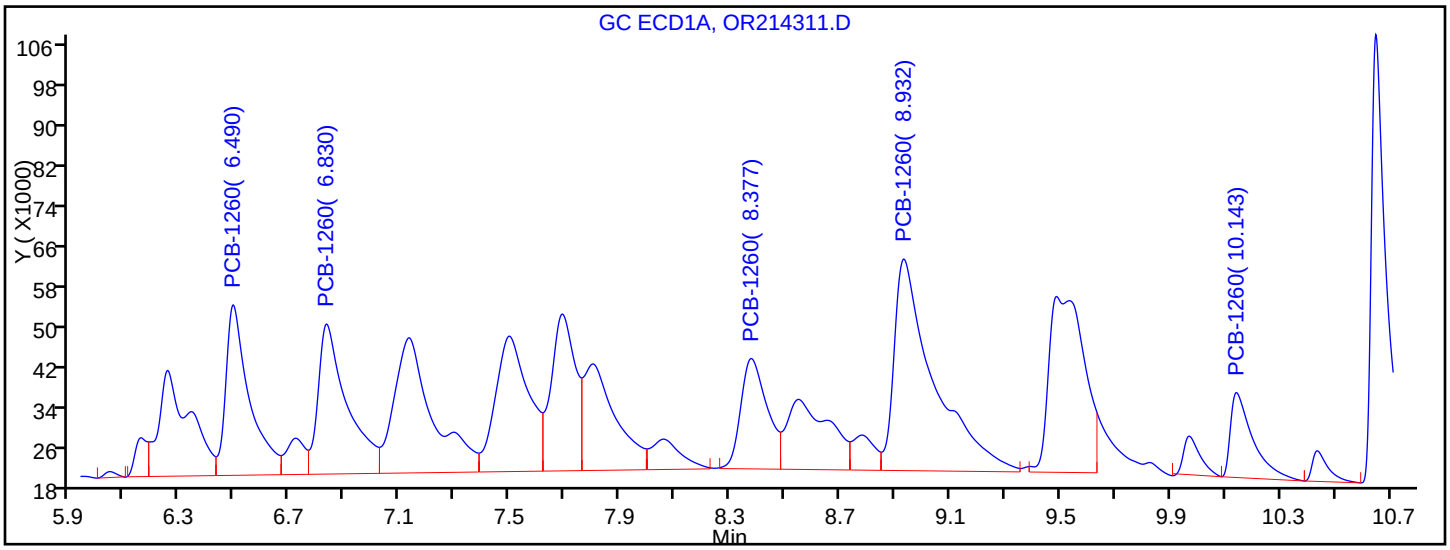
Column: Detector GC ECD1A

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 6.490	Response = 148609	M
RT = 6.830	Response = 141357	M
RT = 8.377	Response = 108283	M
RT = 8.932	Response = 355843	M
RT = 10.143	Response = 95012	



Manual Integration Results

RT = 6.490	Response = 201973	M
RT = 6.830	Response = 218113	M
RT = 8.377	Response = 146308	M
RT = 8.932	Response = 420473	M
RT = 10.143	Response = 95012	

Reviewer: patelji, 11-Mar-2014 12:34:00

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-211556/2-A

Matrix: Solid Lab File ID: OR214311.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.00(g) Date Analyzed: 03/11/2014 00:04

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	367		67	15
11096-82-5	*Aroclor 1260*	*324*		*67*	*19*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	135		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214311.D
Lims ID: LCS 460-211556/2-A
Client ID:
Sample Type: LCS
Inject. Date: 11-Mar-2014 00:04:30 ALS Bottle#: 59 Worklist Smp#: 59
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010655-059
Operator ID: Instrument ID: CPESTGC7

Method: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\8082GC7.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 15:41:47 Calib Date: 27-Feb-2014 16:11:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140227-10270.b\OR213867.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 12:34:00

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.508	2.517	-0.009	499178	58.9	
2	2.048	2.055	-0.007	515925	50.7	
					RPD = 15.05	
1 PCB-1016						M
1	3.033	3.045	-0.012	79665	480.8	M
1	3.503	3.515	-0.012	166300	532.3	M
1	4.043	4.057	-0.014	249044	445.8	M
1	4.802	4.815	-0.013	90366	531.9	M
1	4.962	4.973	-0.011	146119	593.3	M
		Average of Peak Amounts =			516.8	
2	2.343	2.352	-0.009	122927	518.8	M
2	2.667	2.677	-0.010	214204	558.4	
2	3.120	3.130	-0.010	457066	567.5	M
2	3.263	3.275	-0.012	161822	536.1	M
2	3.702	3.713	-0.011	186428	568.3	M
		Average of Peak Amounts =			549.8	
					RPD = 6.18	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	6.490	6.505	-0.015	201973	514.9	M
1	6.830	6.845	-0.015	218113	476.5	M
1	8.377	8.400	-0.023	146308	406.4	M
1	8.932	8.942	-0.010	420473	558.7	M
1	10.143	10.143	0.0	95012	482.1	
		Average of Peak Amounts =			487.7	
2	5.117	5.130	-0.013	248110	524.1	M
2	6.277	6.290	-0.013	188316	481.5	M
2	6.752	6.768	-0.016	557410	517.6	
2	7.242	7.258	-0.016	151468	363.3	
2	8.617	8.633	-0.016	185263	541.6	
		Average of Peak Amounts =			485.6	
					RPD = 0.43	
$ 5 DCB Decachlorobiphenyl						M
1	10.650	10.655	-0.005	355587	66.5	
2	9.373	9.387	-0.014	562667	67.5	M
					RPD = 1.53	

QC Flag Legend

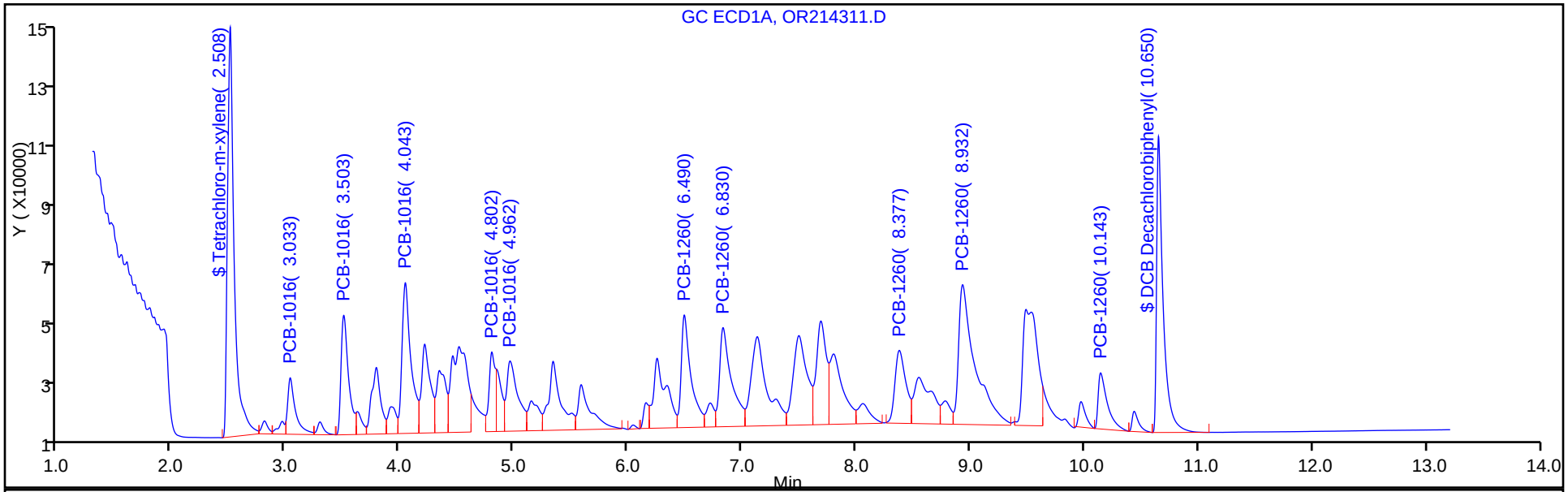
Review Flags
M - Manually Integrated

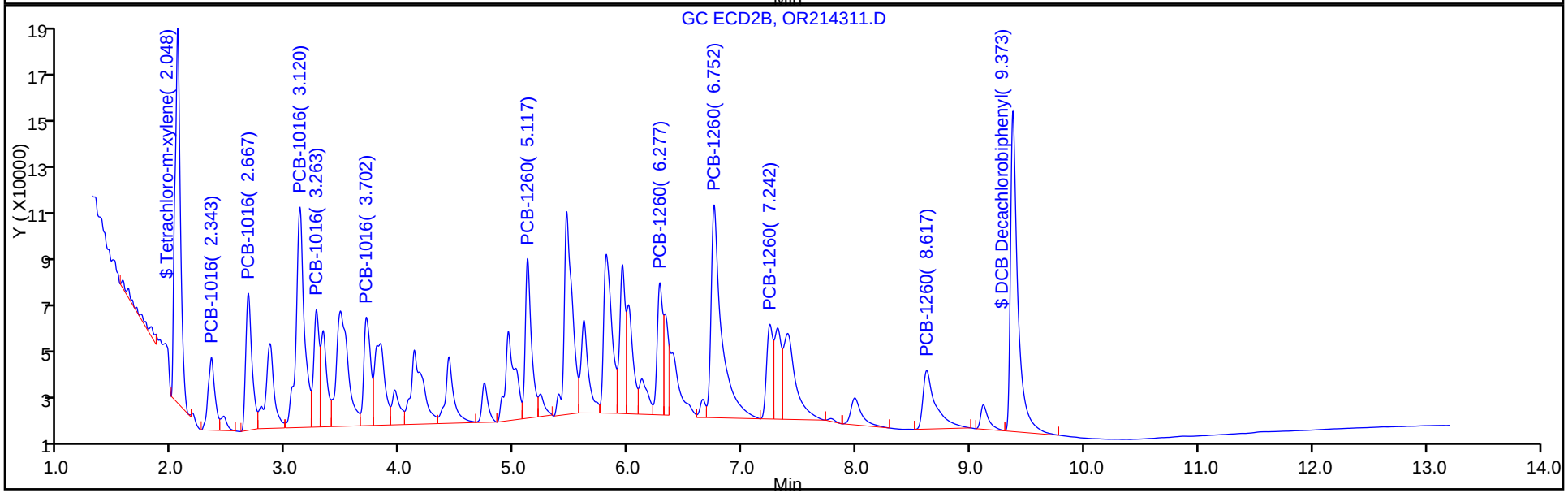
Report Date: 11-Mar-2014 15:41:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214311.D

Injection Date:	11-Mar-2014 00:04:30	Instrument ID:	CPESTGC7	Operator ID:	
Lims ID:	LCS 460-211556/2-A			Worklist Smp#:	59
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	59
Method:	8082GC7	Limit Group:	GC 8082 PCB		





Report Date: 11-Mar-2014 15:41:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214311.D

Injection Date: 11-Mar-2014 00:04:30 Instrument ID: CPESTGC7

Lims ID: LCS 460-211556/2-A

Client ID:

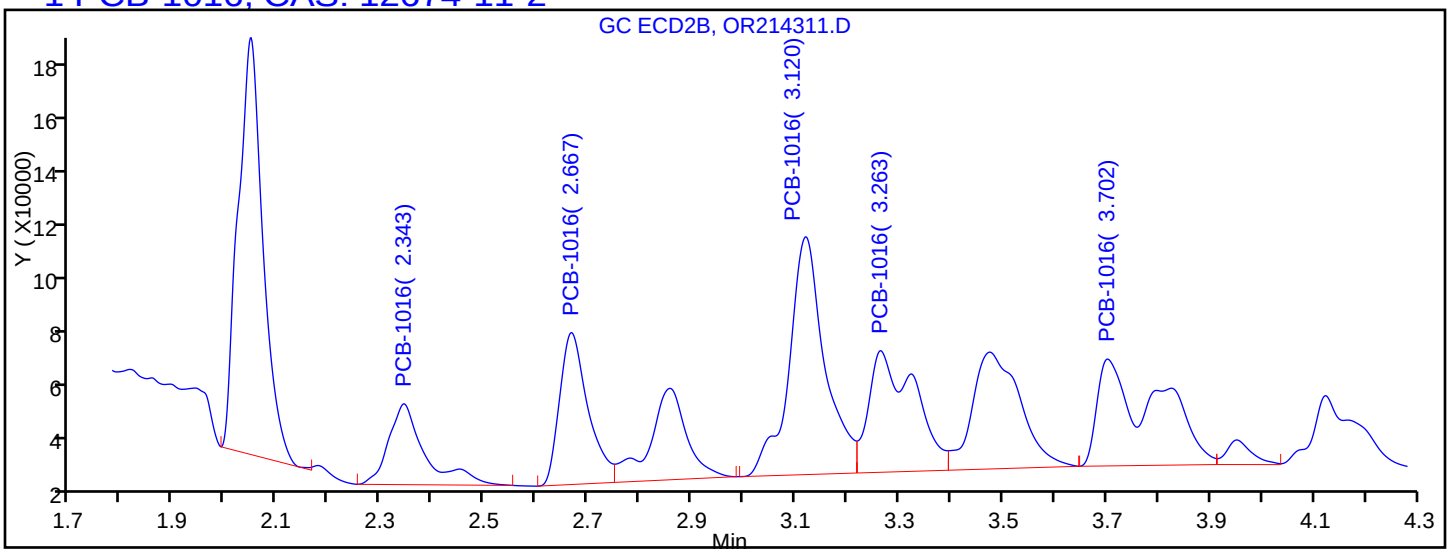
Operator ID: ALS Bottle#: 59 Worklist Smp#: 59

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC7 Limit Group: GC 8082 PCB

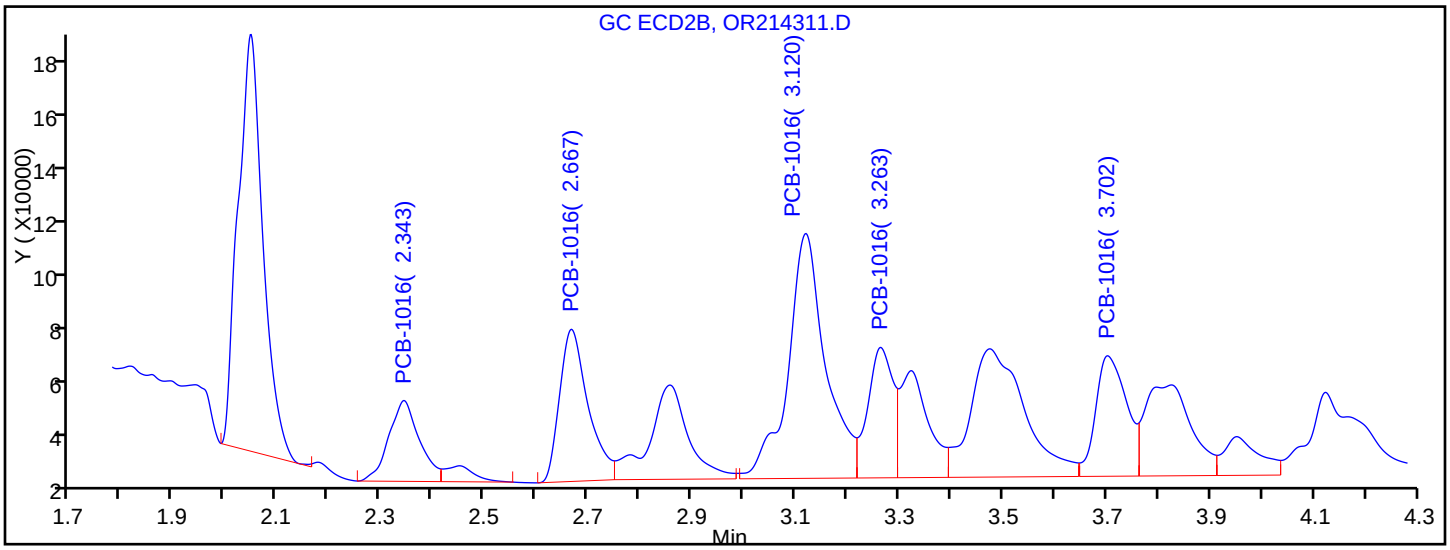
Column: Detector GC ECD2B

1 PCB-1016, CAS: 12674-11-2



Processing Integration Results

RT = 2.343	Response = 145666	M
RT = 2.667	Response = 214204	
RT = 3.120	Response = 422631	M
RT = 3.263	Response = 276047	M
RT = 3.702	Response = 312428	M



Manual Integration Results

RT = 2.343	Response = 122927	M
RT = 2.667	Response = 214204	
RT = 3.120	Response = 457066	M
RT = 3.263	Response = 161822	M
RT = 3.702	Response = 186428	M

Reviewer: patelji, 11-Mar-2014 12:34:00

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

Report Date: 11-Mar-2014 15:41:56 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214311.D

Injection Date: 11-Mar-2014 00:04:30 Instrument ID: CPESTGC7

Lims ID: LCS 460-211556/2-A

Client ID:

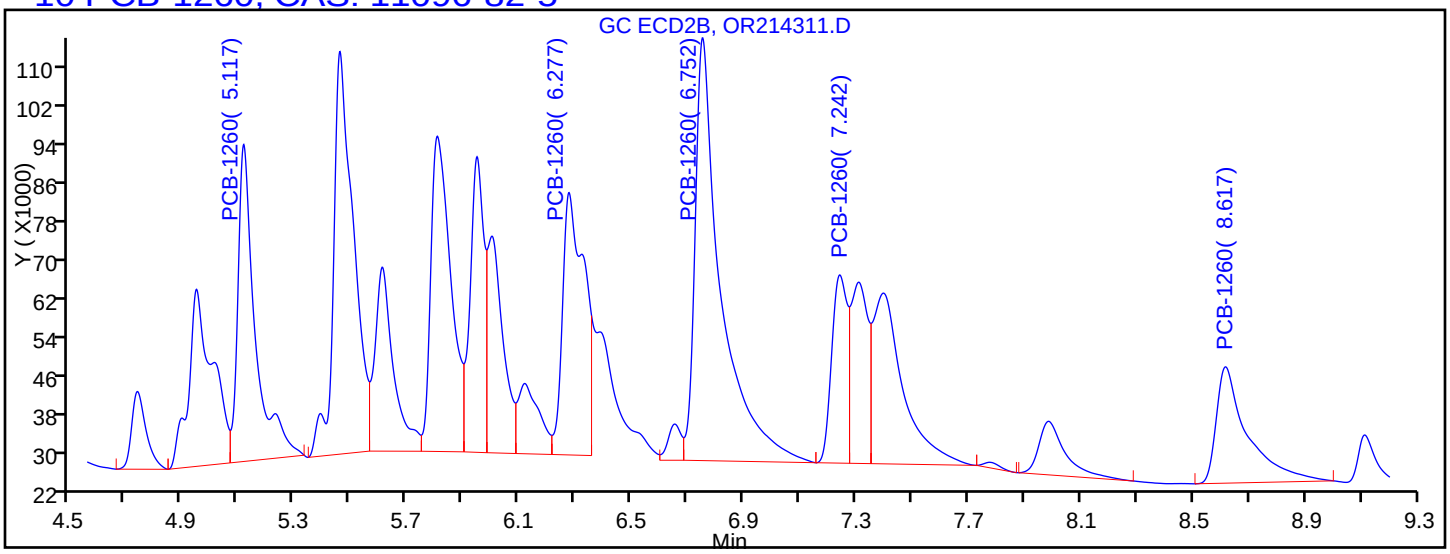
Operator ID: ALS Bottle#: 59 Worklist Smp#: 59

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC7 Limit Group: GC 8082 PCB

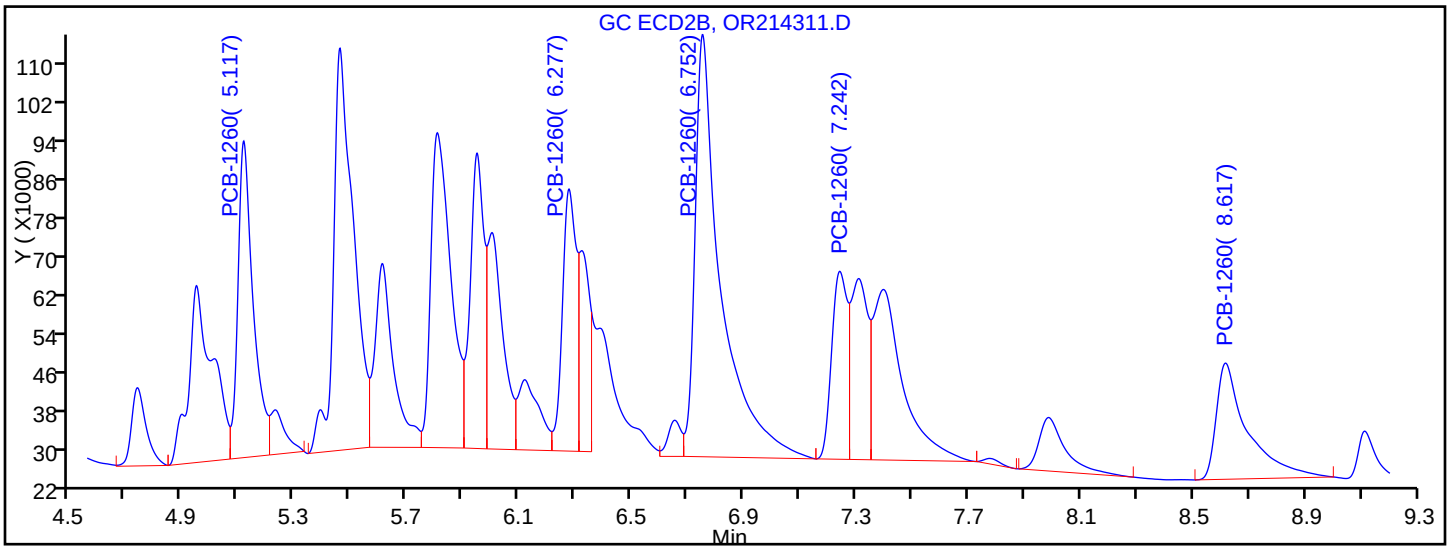
Column: Detector GC ECD2B

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.117	Response = 281459	M
RT = 6.277	Response = 289968	M
RT = 6.752	Response = 557410	
RT = 7.242	Response = 151468	
RT = 8.617	Response = 185263	



Manual Integration Results

RT = 5.117	Response = 248110	M
RT = 6.277	Response = 188316	M
RT = 6.752	Response = 557410	
RT = 7.242	Response = 151468	
RT = 8.617	Response = 185263	

Reviewer: patelji, 11-Mar-2014 12:34:00

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

Manual Integration/User Assign Peak Report

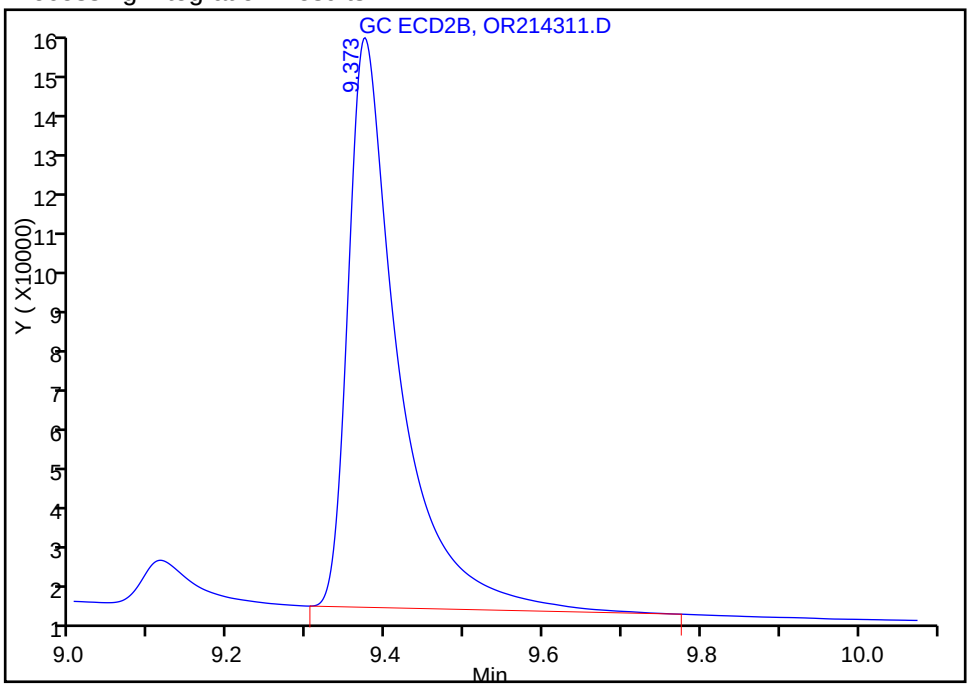
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20140310-10655.b\OR214311.D				
Injection Date:	11-Mar-2014 00:04:30	Instrument ID:	CPESTGC7		
Lims ID:	LCS 460-211556/2-A				
Client ID:					
Operator ID:		ALS Bottle#:	59	Worklist Smp#:	59
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082GC7	Limit Group:	GC 8082 PCB		
Column:		Detector	GC ECD2B		

$ 5 DCB Decachlorobiphenyl, CAS: 2051-24-3

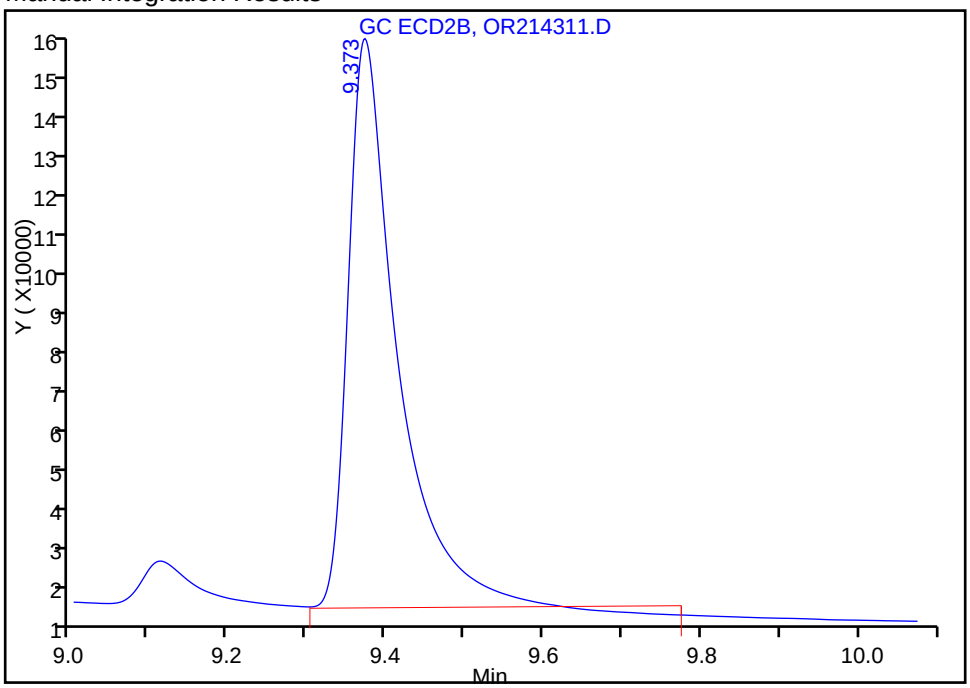
Processing Integration Results

RT: 9.37
Response: 588604
Amount: 70.609617



Manual Integration Results

RT: 9.37
Response: 562667
Amount: 67.498184



Reviewer: patelji, 11-Mar-2014 12:34:00
Audit Action: Assigned New Baseline
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-211557/2-A

Matrix: Solid Lab File ID: T004404.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.00(g) Date Analyzed: 03/10/2014 19:01

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 211705 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*343*		*67*	*15*
11096-82-5	*Aroclor 1260*	*350*		*67*	*19*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004404.D
Lims ID: LCS 460-211557/2-A
Client ID:
Sample Type: LCS
Inject. Date: 10-Mar-2014 19:01:32 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-019
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:53:23 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.330	2.328	0.002	22699259	53.7	
2	1.611	1.610	0.001	95843845	52.6	
					RPD = 1.90	
1 PCB-1016						
1	3.064	3.060	0.004	4241145	553.9	
1	3.791	3.789	0.002	7704460	490.8	
1	4.629	4.621	0.008	16285452	503.9	
1	5.703	5.697	0.006	5121298	523.3	
1	5.911	5.909	0.002	5710373	503.8	
		Average of Peak Amounts =			515.1	
2	2.034	2.034	0.0	17788803	549.0	
2	2.471	2.469	0.002	32459703	547.1	
2	3.064	3.061	0.003	66757505	542.4	
2	3.256	3.253	0.003	26286511	538.9	
2	3.955	3.952	0.003	24624675	527.7	
		Average of Peak Amounts =			541.0	
					RPD = 4.91	

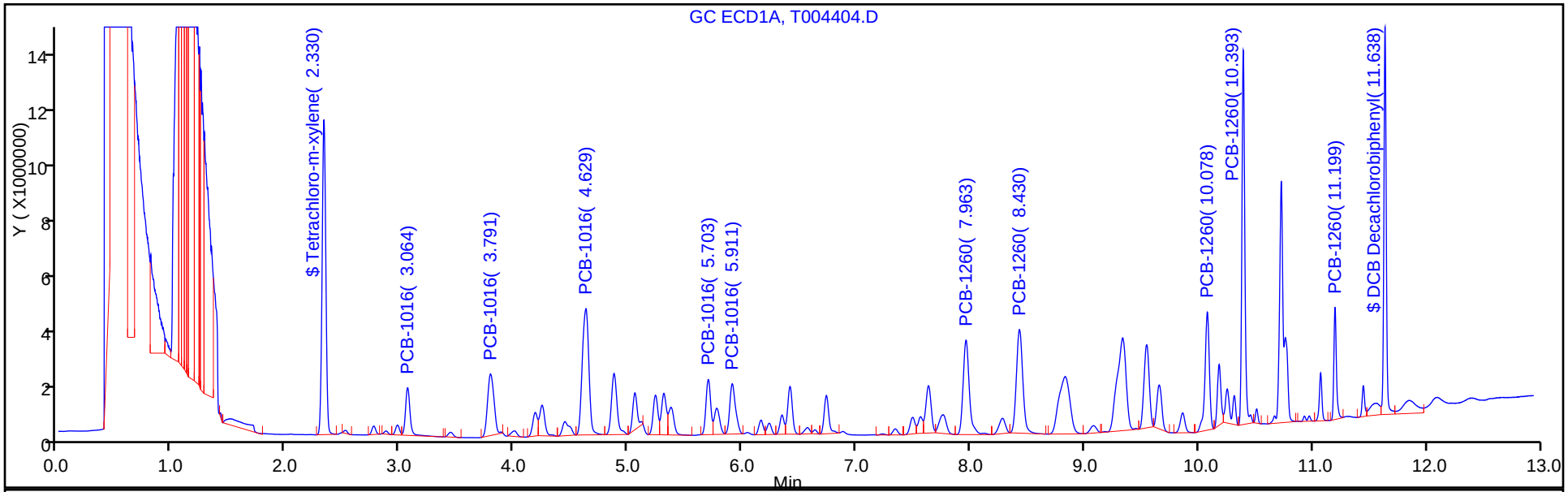
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
10 PCB-1260						
1	7.963	7.957	0.006	11446449	547.0	
1	8.430	8.423	0.007	12936055	511.8	
1	10.078	10.075	0.003	10105856	528.5	
1	10.393	10.391	0.002	21563188	517.2	
1	11.199	11.198	0.001	5627175	519.6	
		Average of Peak Amounts =			524.8	
2	5.974	5.972	0.002	36249670	528.7	
2	7.491	7.486	0.005	35658668	506.8	
2	8.124	8.121	0.003	81256404	534.2	
2	8.765	8.760	0.005	42095822	524.6	
2	10.059	10.058	0.001	21326091	562.3	
		Average of Peak Amounts =			531.3	
					RPD = 1.23	
$ 5 DCB Decachlorobiphenyl						
1	11.638	11.636	0.002	18208194	56.6	
2	10.556	10.555	0.001	69736834	57.2	
					RPD = 1.04	

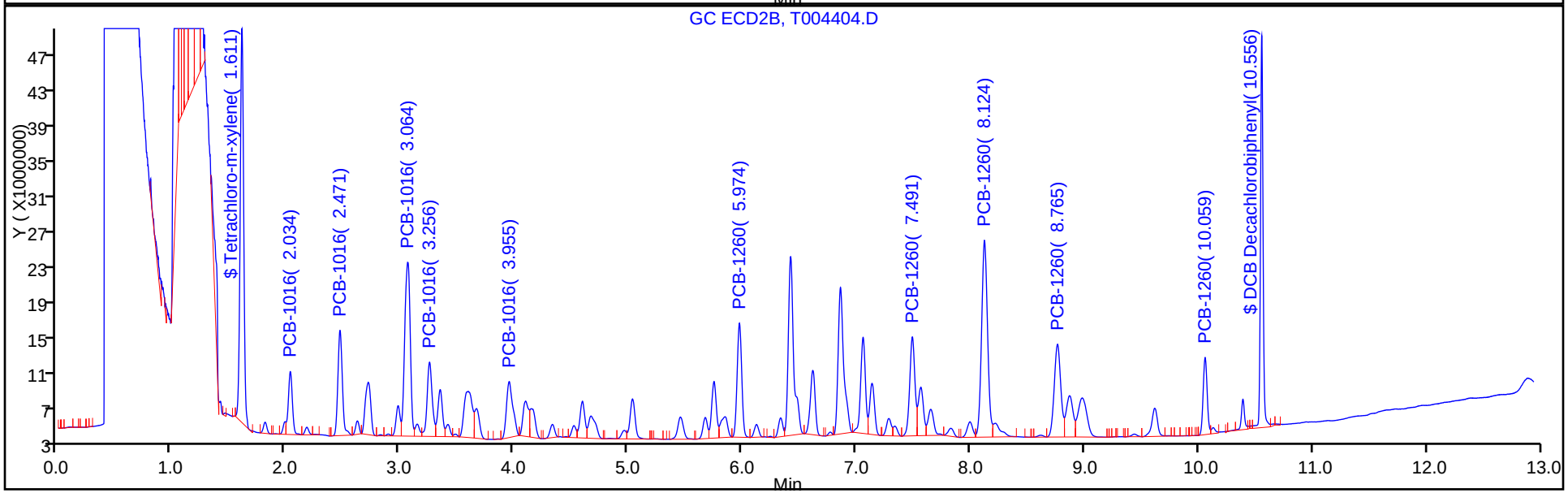
Report Date: 11-Mar-2014 10:53:29 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004404.D

Injection Date:	10-Mar-2014 19:01:32	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCS 460-211557/2-A			Worklist Smp#:	19
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8082GC11	Limit Group:	GC 8082 PCB		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-211557/2-A

Matrix: Solid Lab File ID: T004404.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.00(g) Date Analyzed: 03/10/2014 19:01

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 211705 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	361		67	15
11096-82-5	Aroclor 1260	354		67	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004404.D
Lims ID: LCS 460-211557/2-A
Client ID:
Sample Type: LCS
Inject. Date: 10-Mar-2014 19:01:32 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-019
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:53:23 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.330	2.328	0.002	22699259	53.7	
2	1.611	1.610	0.001	95843845	52.6	
					RPD = 1.90	
1 PCB-1016						
1	3.064	3.060	0.004	4241145	553.9	
1	3.791	3.789	0.002	7704460	490.8	
1	4.629	4.621	0.008	16285452	503.9	
1	5.703	5.697	0.006	5121298	523.3	
1	5.911	5.909	0.002	5710373	503.8	
		Average of Peak Amounts =			515.1	
2	2.034	2.034	0.0	17788803	549.0	
2	2.471	2.469	0.002	32459703	547.1	
2	3.064	3.061	0.003	66757505	542.4	
2	3.256	3.253	0.003	26286511	538.9	
2	3.955	3.952	0.003	24624675	527.7	
		Average of Peak Amounts =			541.0	
					RPD = 4.91	

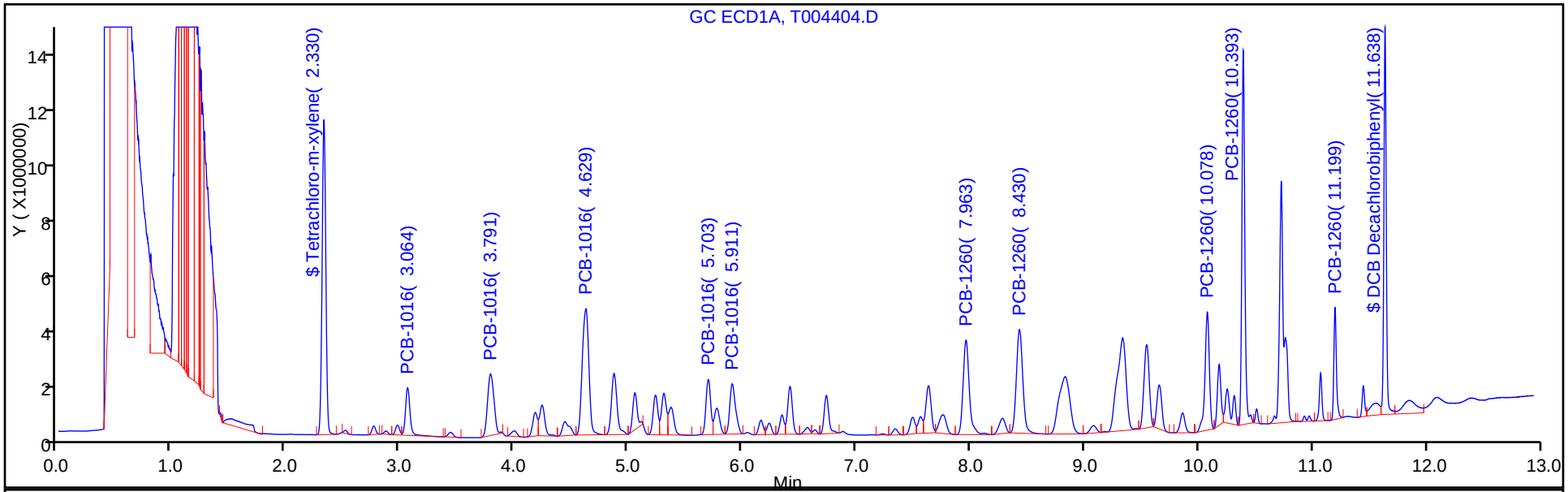
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
10 PCB-1260						
1	7.963	7.957	0.006	11446449	547.0	
1	8.430	8.423	0.007	12936055	511.8	
1	10.078	10.075	0.003	10105856	528.5	
1	10.393	10.391	0.002	21563188	517.2	
1	11.199	11.198	0.001	5627175	519.6	
		Average of Peak Amounts =			524.8	
2	5.974	5.972	0.002	36249670	528.7	
2	7.491	7.486	0.005	35658668	506.8	
2	8.124	8.121	0.003	81256404	534.2	
2	8.765	8.760	0.005	42095822	524.6	
2	10.059	10.058	0.001	21326091	562.3	
		Average of Peak Amounts =			531.3	
					RPD = 1.23	
$ 5 DCB Decachlorobiphenyl						
1	11.638	11.636	0.002	18208194	56.6	
2	10.556	10.555	0.001	69736834	57.2	
					RPD = 1.04	

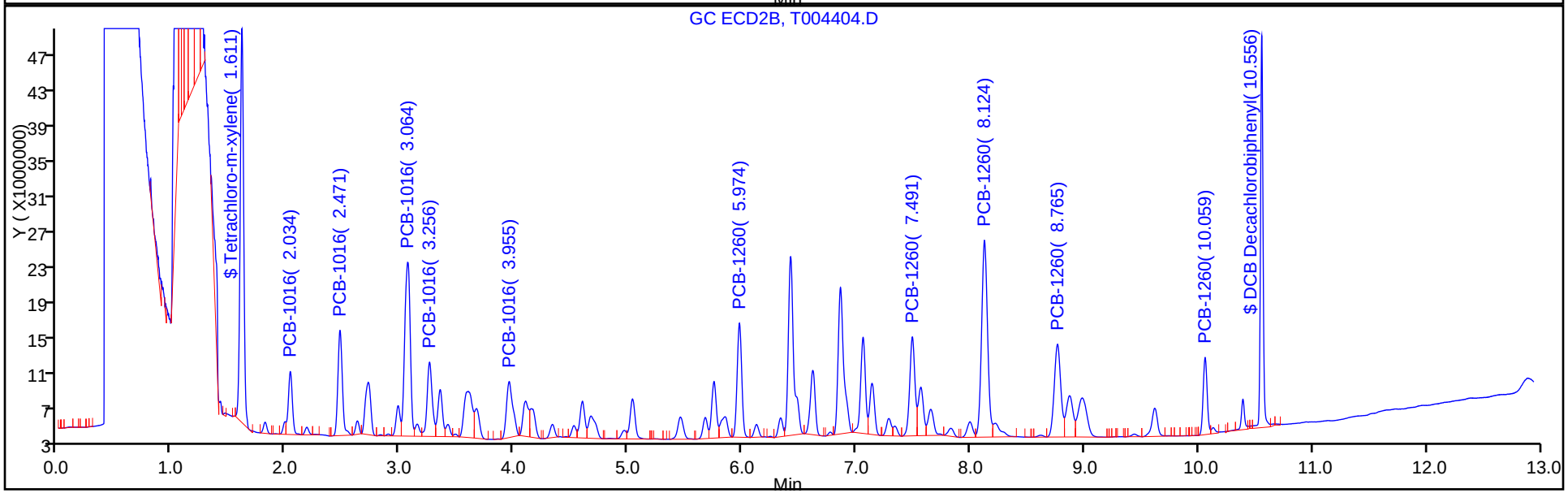
Report Date: 11-Mar-2014 10:53:30 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004404.D

Injection Date:	10-Mar-2014 19:01:32	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCS 460-211557/2-A			Worklist Smp#:	19
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8082GC11	Limit Group:	GC 8082 PCB		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-211482/3-A

Matrix: Water Lab File ID: T004433.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 03/09/2014 10:42

Sample wt/vol: 1000(mL) Date Analyzed: 03/11/2014 04:10

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 211706 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	5.69		0.50	0.076
11096-82-5	Aroclor 1260	5.80		0.50	0.083

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	82		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004433.D
Lims ID: LCSD 460-211482/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 11-Mar-2014 04:10:12 ALS Bottle#: 48 Worklist Smp#: 48
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-048
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:54:24 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 10:29:24

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.329	2.328	0.001	52592017	124.3	
2	1.611	1.610	0.001	203242469	111.6	
					RPD = 10.74	
1 PCB-1016						M
1	3.062	3.060	0.002	8620251	1125.8	M
1	3.790	3.789	0.001	17280861	1100.8	
1	4.624	4.621	0.003	35903825	1111.0	M
1	5.700	5.697	0.003	11430125	1167.9	M
1	5.909	5.909	0.0	13380078	1180.4	M
		Average of Peak Amounts =			1137.2	
2	2.034	2.034	0.0	33086563	1021.2	
2	2.470	2.469	0.001	64090992	1080.2	
2	3.063	3.061	0.002	130805059	1062.8	
2	3.252	3.253	-0.001	51249193	1050.7	
2	3.952	3.952	0.0	54373946	1165.3	M
		Average of Peak Amounts =			1076.0	
					RPD = 5.52	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	7.959	7.957	0.002	24262264	1159.4	
1	8.425	8.423	0.002	28343939	1121.4	
1	10.075	10.075	0.0	22532565	1178.3	
1	10.392	10.391	0.001	48848893	1171.6	M
1	11.197	11.198	-0.001	12713761	1174.0	M
		Average of Peak Amounts =			1160.9	
2	5.971	5.972	-0.001	78364765	1142.9	M
2	7.486	7.486	0.0	78606300	1117.1	M
2	8.121	8.121	0.0	178172492	1171.4	M
2	8.758	8.760	-0.002	89596104	1116.6	M
2	10.056	10.058	-0.002	45795888	1207.5	
		Average of Peak Amounts =			1151.1	
					RPD = 0.85	
$ 5 DCB Decachlorobiphenyl						
1	11.634	11.636	-0.002	26492379	82.3	
2	10.554	10.555	-0.001	104260476	85.5	
					RPD = 3.76	

QC Flag Legend

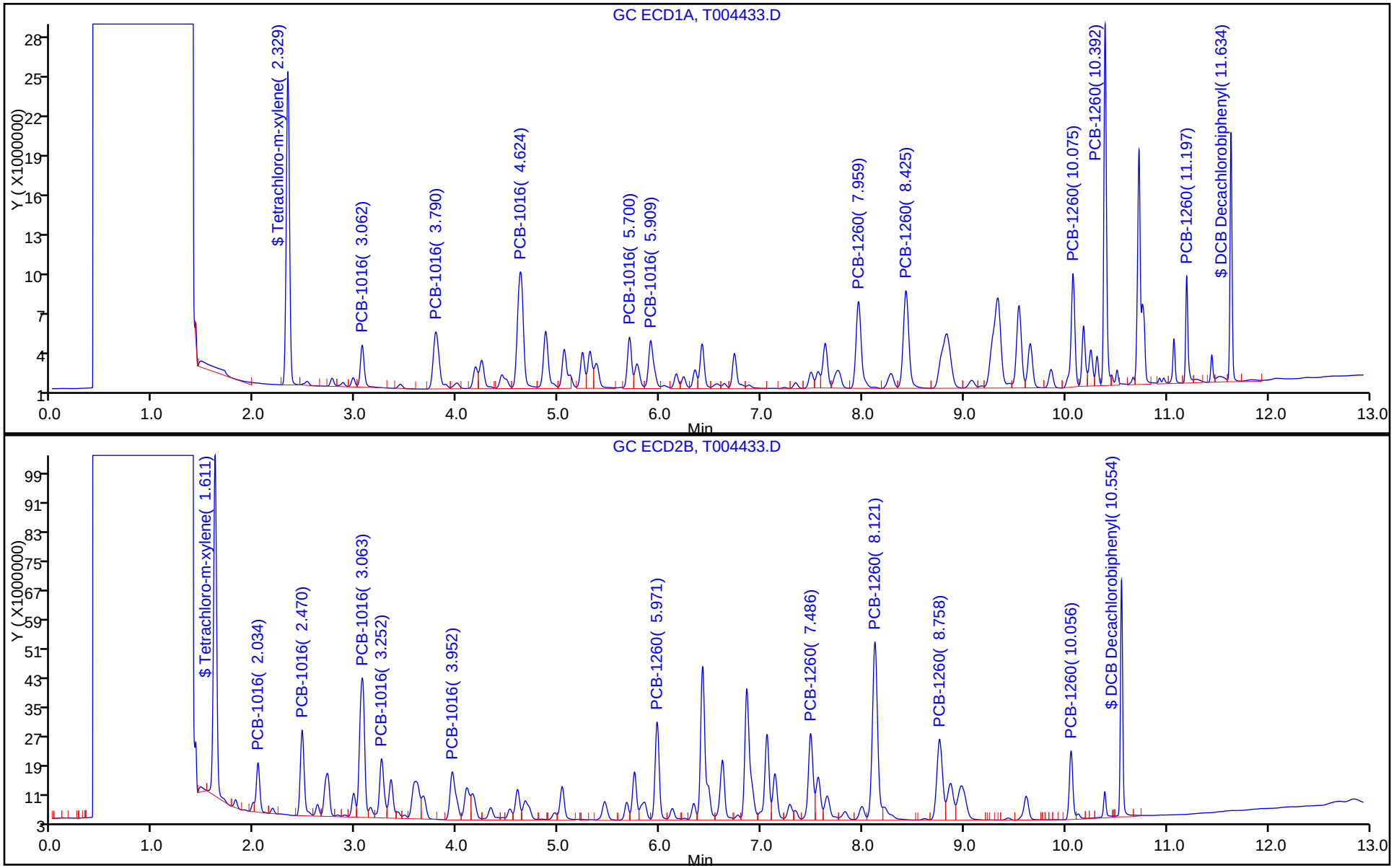
Review Flags
M - Manually Integrated

Report Date: 11-Mar-2014 10:54:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004433.D

Injection Date:	11-Mar-2014 04:10:12	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCSD 460-211482/3-A			Worklist Smp#:	48
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	48
Method:	8082GC11	Limit Group:	GC 8082 PCB		



Report Date: 11-Mar-2014 10:54:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004433.D

Injection Date: 11-Mar-2014 04:10:12 Instrument ID: CPESTGC11

Lims ID: LCSD 460-211482/3-A

Client ID:

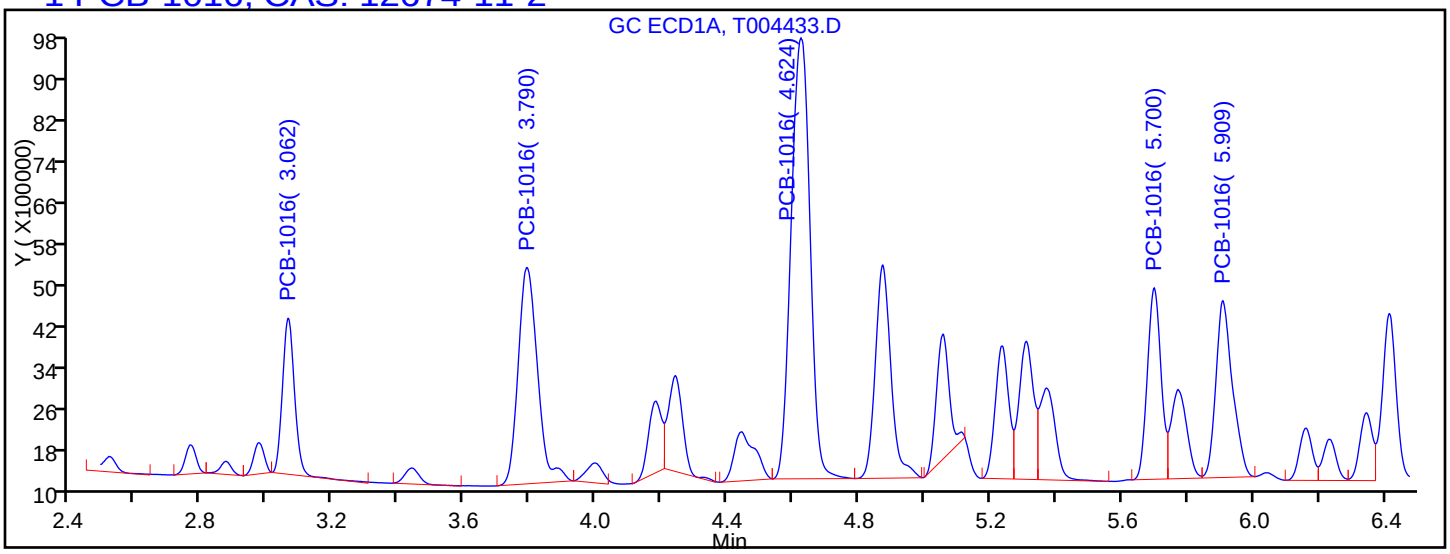
Operator ID: ALS Bottle#: 48 Worklist Smp#: 48

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC11 Limit Group: GC 8082 PCB

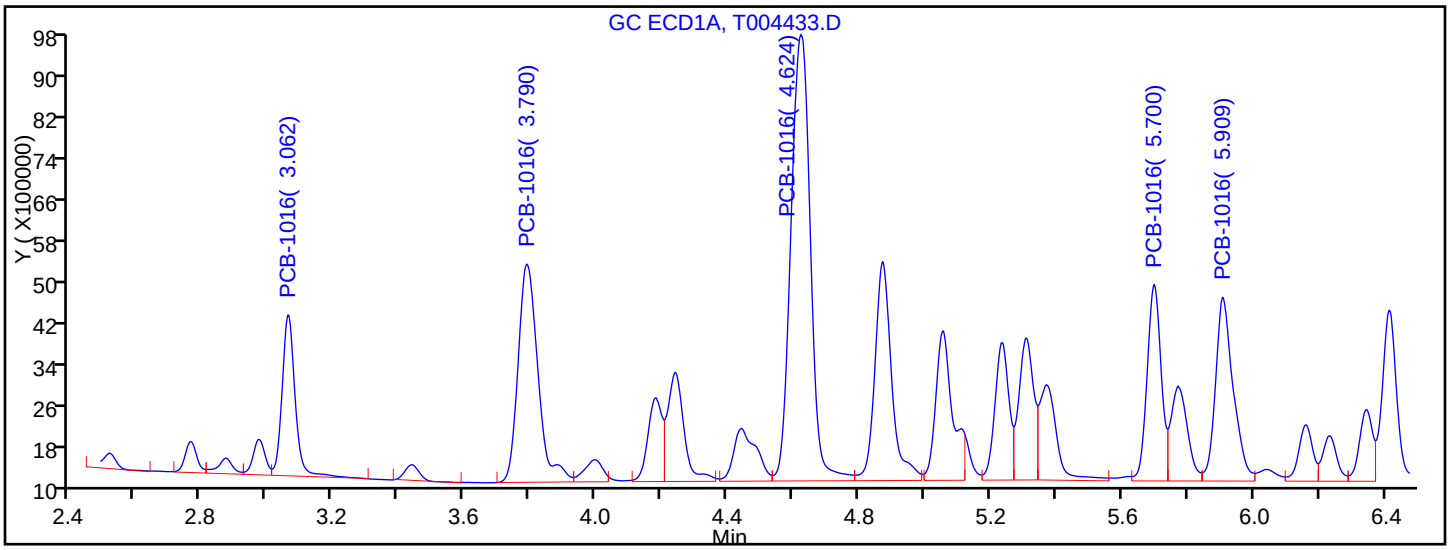
Column: Detector GC ECD1A

1 PCB-1016, CAS: 12674-11-2



Processing Integration Results

RT = 3.062	Response = 7811060	M
RT = 3.790	Response = 17280861	
RT = 4.624	Response = 34317766	M
RT = 5.700	Response = 10809385	M
RT = 5.909	Response = 12071799	M



Manual Integration Results

RT = 3.062	Response = 8620251	M
RT = 3.790	Response = 17280861	
RT = 4.624	Response = 35903825	M
RT = 5.700	Response = 11430125	M
RT = 5.909	Response = 13380078	M

Reviewer: patelji, 11-Mar-2014 10:29:24

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Report Date: 11-Mar-2014 10:54:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004433.D

Injection Date: 11-Mar-2014 04:10:12 Instrument ID: CPESTGC11

Lims ID: LCSD 460-211482/3-A

Client ID:

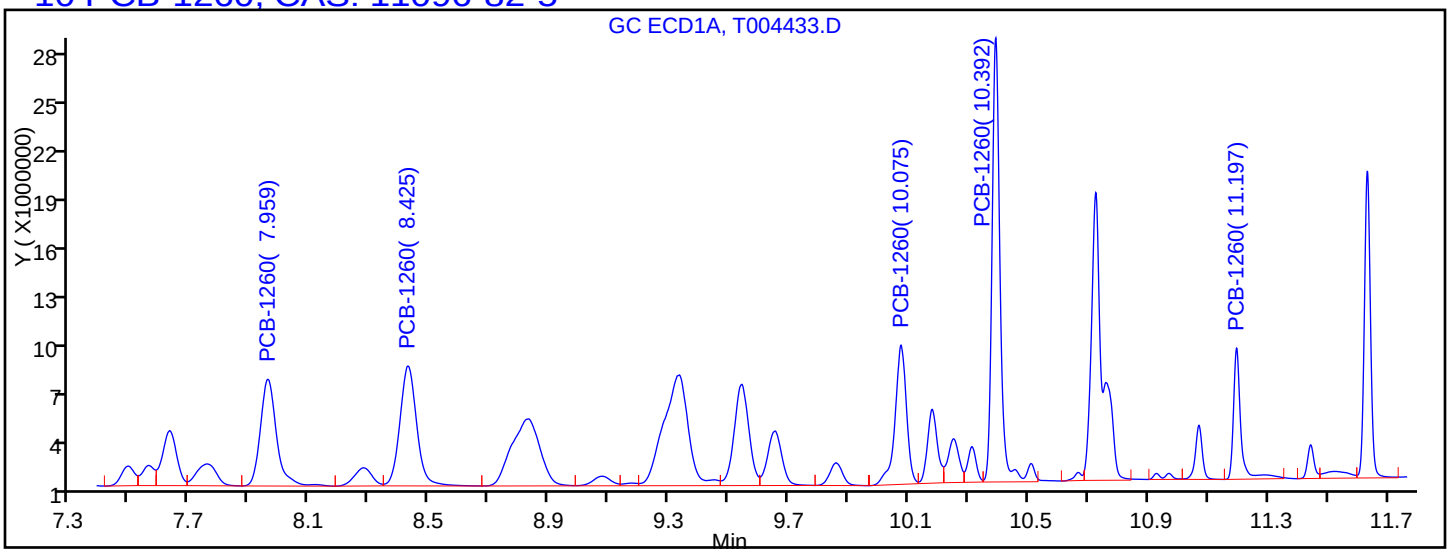
Operator ID: ALS Bottle#: 48 Worklist Smp#: 48

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC11 Limit Group: GC 8082 PCB

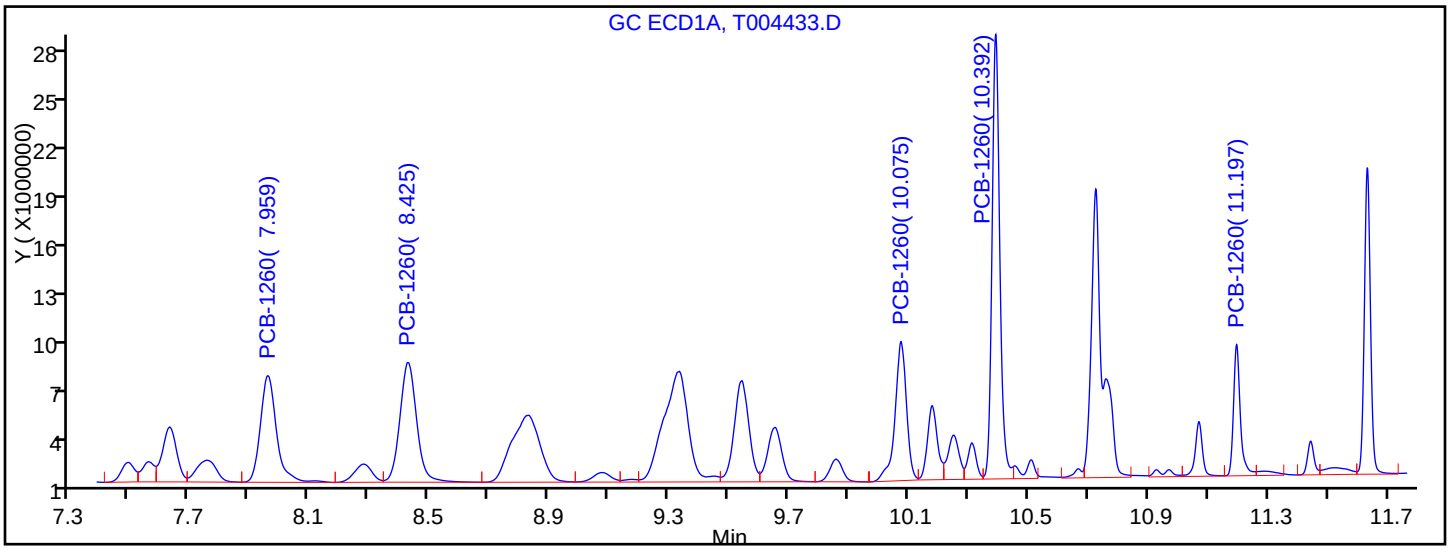
Column: Detector GC ECD1A

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 7.959	Response = 24262264	
RT = 8.425	Response = 28343939	
RT = 10.075	Response = 22532565	
RT = 10.392	Response = 51412125	M
RT = 11.197	Response = 13621983	M



Manual Integration Results

RT = 7.959	Response = 24262264	
RT = 8.425	Response = 28343939	
RT = 10.075	Response = 22532565	
RT = 10.392	Response = 48848893	M
RT = 11.197	Response = 12713761	M

Reviewer: patelji, 11-Mar-2014 10:29:24

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-211482/3-A

Matrix: Water Lab File ID: T004433.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 03/09/2014 10:42

Sample wt/vol: 1000(mL) Date Analyzed: 03/11/2014 04:10

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 211706 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*5.38*		*0.50*	*0.076*
11096-82-5	*Aroclor 1260*	*5.76*		*0.50*	*0.083*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004433.D
Lims ID: LCSD 460-211482/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 11-Mar-2014 04:10:12 ALS Bottle#: 48 Worklist Smp#: 48
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010666-048
Operator ID: Instrument ID: CPESTGC11

Method: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\8082GC11.m
Limit Group: GC 8082 PCB
Last Update: 11-Mar-2014 10:54:24 Calib Date: 10-Mar-2014 17:26:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004399.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK013

First Level Reviewer: patelji Date: 11-Mar-2014 10:29:24

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.329	2.328	0.001	52592017	124.3	
2	1.611	1.610	0.001	203242469	111.6	
					RPD = 10.74	
1 PCB-1016						M
1	3.062	3.060	0.002	8620251	1125.8	M
1	3.790	3.789	0.001	17280861	1100.8	
1	4.624	4.621	0.003	35903825	1111.0	M
1	5.700	5.697	0.003	11430125	1167.9	M
1	5.909	5.909	0.0	13380078	1180.4	M
		Average of Peak Amounts =			1137.2	
2	2.034	2.034	0.0	33086563	1021.2	
2	2.470	2.469	0.001	64090992	1080.2	
2	3.063	3.061	0.002	130805059	1062.8	
2	3.252	3.253	-0.001	51249193	1050.7	
2	3.952	3.952	0.0	54373946	1165.3	M
		Average of Peak Amounts =			1076.0	
					RPD = 5.52	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	7.959	7.957	0.002	24262264	1159.4	
1	8.425	8.423	0.002	28343939	1121.4	
1	10.075	10.075	0.0	22532565	1178.3	
1	10.392	10.391	0.001	48848893	1171.6	M
1	11.197	11.198	-0.001	12713761	1174.0	M
		Average of Peak Amounts =			1160.9	
2	5.971	5.972	-0.001	78364765	1142.9	M
2	7.486	7.486	0.0	78606300	1117.1	M
2	8.121	8.121	0.0	178172492	1171.4	M
2	8.758	8.760	-0.002	89596104	1116.6	M
2	10.056	10.058	-0.002	45795888	1207.5	
		Average of Peak Amounts =			1151.1	
					RPD = 0.85	
$ 5 DCB Decachlorobiphenyl						
1	11.634	11.636	-0.002	26492379	82.3	
2	10.554	10.555	-0.001	104260476	85.5	
					RPD = 3.76	

QC Flag Legend

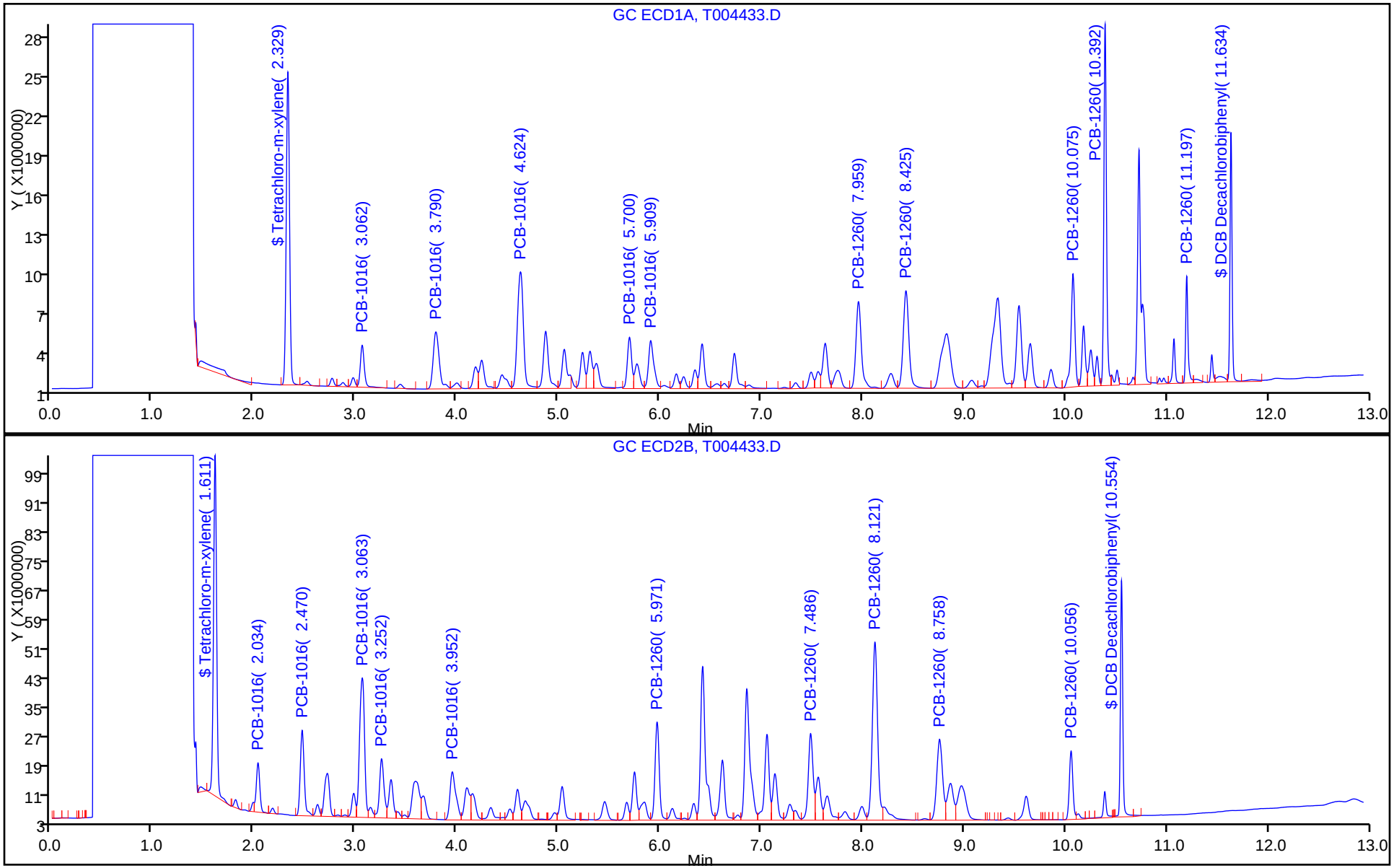
Review Flags
M - Manually Integrated

Report Date: 11-Mar-2014 10:54:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004433.D

Injection Date:	11-Mar-2014 04:10:12	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCSD 460-211482/3-A			Worklist Smp#:	48
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	48
Method:	8082GC11	Limit Group:	GC 8082 PCB		



Report Date: 11-Mar-2014 10:54:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004433.D

Injection Date: 11-Mar-2014 04:10:12 Instrument ID: CPESTGC11

Lims ID: LCSD 460-211482/3-A

Client ID:

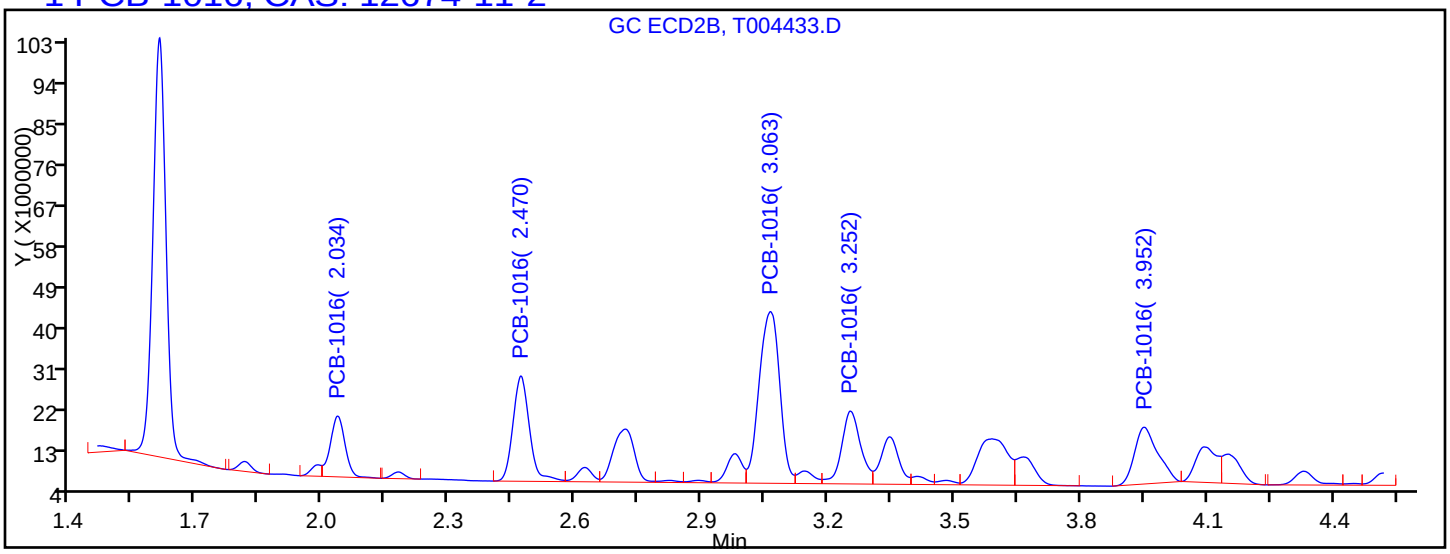
Operator ID: ALS Bottle#: 48 Worklist Smp#: 48

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC11 Limit Group: GC 8082 PCB

Column: Detector GC ECD2B

1 PCB-1016, CAS: 12674-11-2



Processing Integration Results

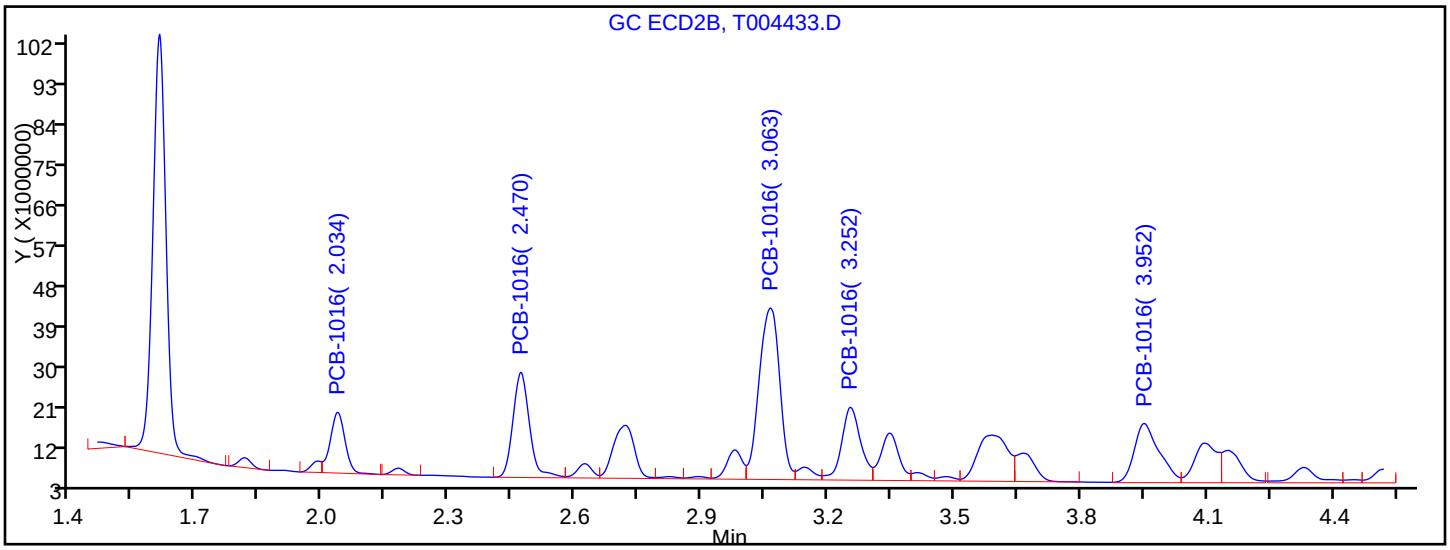
RT = 2.034 Response = 33086563

RT = 2.470 Response = 64090992

RT = 3.063 Response = 130805059

RT = 3.252 Response = 51249193

RT = 3.952 Response = 48629691 M



Manual Integration Results

RT = 2.034 Response = 33086563

RT = 2.470 Response = 64090992

RT = 3.063 Response = 130805059

RT = 3.252 Response = 51249193

RT = 3.952 Response = 54373946 M

Reviewer: patelji, 11-Mar-2014 10:29:24

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Report Date: 11-Mar-2014 10:54:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004433.D

Injection Date: 11-Mar-2014 04:10:12 Instrument ID: CPESTGC11

Lims ID: LCSD 460-211482/3-A

Client ID:

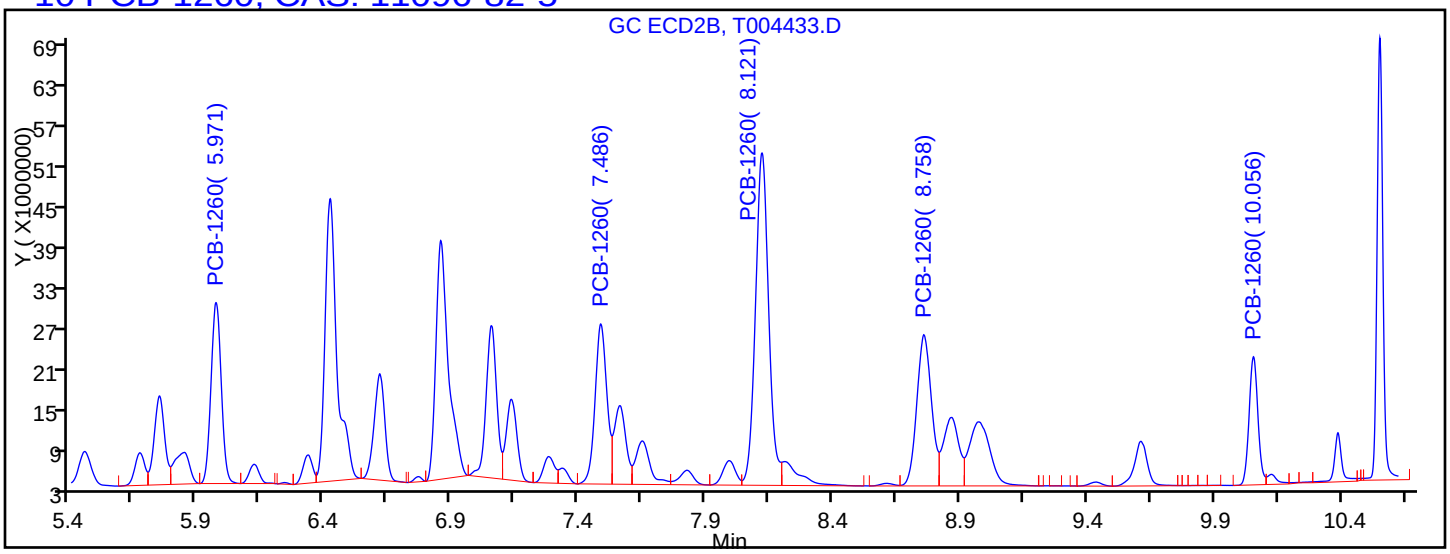
Operator ID: ALS Bottle#: 48 Worklist Smp#: 48

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC11 Limit Group: GC 8082 PCB

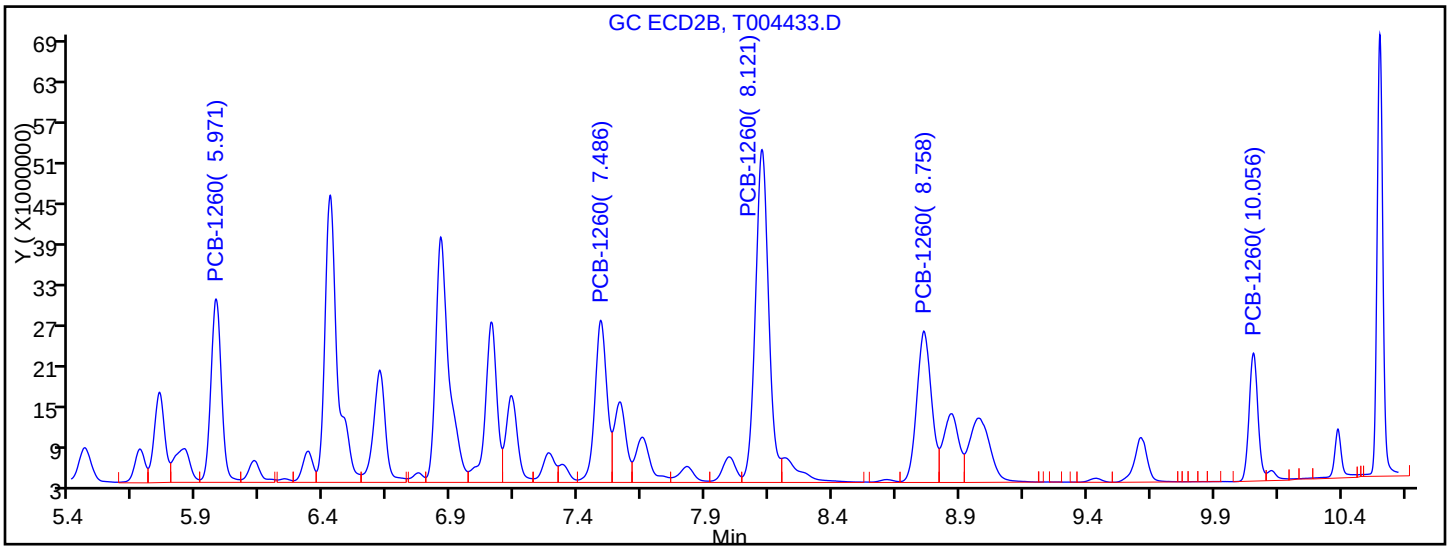
Column: Detector GC ECD2B

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.971	Response = 74654185	M
RT = 7.486	Response = 75952399	M
RT = 8.121	Response = 176872422	M
RT = 8.758	Response = 89132929	M
RT = 10.056	Response = 45795888	



Manual Integration Results

RT = 5.971	Response = 78364765	M
RT = 7.486	Response = 78606300	M
RT = 8.121	Response = 178172492	M
RT = 8.758	Response = 89596104	M
RT = 10.056	Response = 45795888	

Reviewer: patelji, 11-Mar-2014 10:29:24

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-14SW-VS MS | Lab Sample ID: 460-72174-1 MS

Matrix: Solid | Lab File ID: OR214312.D

Analysis Method: 8082 | Date Collected: 03/06/2014 09:15

Extraction Method: 3546 | Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.02(g) | Date Analyzed: 03/11/2014 00:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*365*		*71*	*16*
11104-28-2	*Aroclor 1221*	*16*	*U*	*71*	*16*
11141-16-5	*Aroclor 1232*	*16*	*U*	*71*	*16*
53469-21-9	*Aroclor 1242*	*16*	*U*	*71*	*16*
12672-29-6	*Aroclor 1248*	*16*	*U*	*71*	*16*
11097-69-1	*Aroclor 1254*	*20*	*U*	*71*	*20*
11096-82-5	Aroclor 1260	369		71	20
37324-23-5	*Aroclor 1262*	*20*	*U*	*71*	*20*
11100-14-4	*Aroclor 1268*	*20*	*U*	*71*	*20*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	115		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-14SW-VS MS | Lab Sample ID: 460-72174-1 MS

Matrix: Solid | Lab File ID: OR214312.D

Analysis Method: 8082 | Date Collected: 03/06/2014 09:15

Extraction Method: 3546 | Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.02(g) | Date Analyzed: 03/11/2014 00:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	413		71	16
11104-28-2	Aroclor 1221	16	U	71	16
11141-16-5	Aroclor 1232	16	U	71	16
53469-21-9	Aroclor 1242	16	U	71	16
12672-29-6	Aroclor 1248	16	U	71	16
11097-69-1	Aroclor 1254	20	U	71	20
11096-82-5	*Aroclor 1260*	*316*		*71*	*20*
37324-23-5	Aroclor 1262	20	U	71	20
11100-14-4	Aroclor 1268	20	U	71	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SD MS | Lab Sample ID: 460-72174-21 MS

Matrix: Solid | Lab File ID: T004405.D

Analysis Method: 8082 | Date Collected: 03/06/2014 15:30

Extraction Method: 3546 | Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.05(g) | Date Analyzed: 03/10/2014 19:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 18.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211705 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*504*		*82*	*18*
11104-28-2	*Aroclor 1221*	*18*	*U*	*82*	*18*
11141-16-5	*Aroclor 1232*	*18*	*U*	*82*	*18*
53469-21-9	*Aroclor 1242*	*18*	*U*	*82*	*18*
12672-29-6	*Aroclor 1248*	*18*	*U*	*82*	*18*
11097-69-1	*Aroclor 1254*	*23*	*U*	*82*	*23*
11096-82-5	*Aroclor 1260*	*397*		*82*	*23*
37324-23-5	*Aroclor 1262*	*23*	*U*	*82*	*23*
11100-14-4	*Aroclor 1268*	*23*	*U*	*82*	*23*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SD MS Lab Sample ID: 460-72174-21 MS

Matrix: Solid Lab File ID: T004405.D

Analysis Method: 8082 Date Collected: 03/06/2014 15:30

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.05(g) Date Analyzed: 03/10/2014 19:20

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 18.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211705 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	524		82	18
11104-28-2	Aroclor 1221	18	U	82	18
11141-16-5	Aroclor 1232	18	U	82	18
53469-21-9	Aroclor 1242	18	U	82	18
12672-29-6	Aroclor 1248	18	U	82	18
11097-69-1	Aroclor 1254	23	U	82	23
11096-82-5	Aroclor 1260	402		82	23
37324-23-5	Aroclor 1262	23	U	82	23
11100-14-4	Aroclor 1268	23	U	82	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-14SW-VS MSD | Lab Sample ID: 460-72174-1 MSD

Matrix: Solid | Lab File ID: OR214313.D

Analysis Method: 8082 | Date Collected: 03/06/2014 09:15

Extraction Method: 3546 | Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.00(g) | Date Analyzed: 03/11/2014 00:37

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*355*		*71*	*16*
11104-28-2	*Aroclor 1221*	*16*	*U*	*71*	*16*
11141-16-5	*Aroclor 1232*	*16*	*U*	*71*	*16*
53469-21-9	*Aroclor 1242*	*16*	*U*	*71*	*16*
12672-29-6	*Aroclor 1248*	*16*	*U*	*71*	*16*
11097-69-1	*Aroclor 1254*	*20*	*U*	*71*	*20*
11096-82-5	Aroclor 1260	344		71	20
37324-23-5	*Aroclor 1262*	*20*	*U*	*71*	*20*
11100-14-4	*Aroclor 1268*	*20*	*U*	*71*	*20*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-14SW-VS MSD | Lab Sample ID: 460-72174-1 MSD

Matrix: Solid | Lab File ID: OR214313.D

Analysis Method: 8082 | Date Collected: 03/06/2014 09:15

Extraction Method: 3546 | Date Extracted: 03/10/2014 04:49

Sample wt/vol: 15.00(g) | Date Analyzed: 03/11/2014 00:37

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211709 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	401		71	16
11104-28-2	Aroclor 1221	16	U	71	16
11141-16-5	Aroclor 1232	16	U	71	16
53469-21-9	Aroclor 1242	16	U	71	16
12672-29-6	Aroclor 1248	16	U	71	16
11097-69-1	Aroclor 1254	20	U	71	20
11096-82-5	*Aroclor 1260*	*295*		*71*	*20*
37324-23-5	Aroclor 1262	20	U	71	20
11100-14-4	Aroclor 1268	20	U	71	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	81		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SD MSD | Lab Sample ID: 460-72174-21 MSD

Matrix: Solid | Lab File ID: T004406.D

Analysis Method: 8082 | Date Collected: 03/06/2014 15:30

Extraction Method: 3546 | Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.01(g) | Date Analyzed: 03/10/2014 19:39

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 18.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211705 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*466*		*82*	*18*
11104-28-2	*Aroclor 1221*	*18*	*U*	*82*	*18*
11141-16-5	*Aroclor 1232*	*18*	*U*	*82*	*18*
53469-21-9	*Aroclor 1242*	*18*	*U*	*82*	*18*
12672-29-6	*Aroclor 1248*	*18*	*U*	*82*	*18*
11097-69-1	*Aroclor 1254*	*23*	*U*	*82*	*23*
11096-82-5	Aroclor 1260	378		82	23
37324-23-5	*Aroclor 1262*	*23*	*U*	*82*	*23*
11100-14-4	*Aroclor 1268*	*23*	*U*	*82*	*23*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SD MSD Lab Sample ID: 460-72174-21 MSD

Matrix: Solid Lab File ID: T004406.D

Analysis Method: 8082 Date Collected: 03/06/2014 15:30

Extraction Method: 3546 Date Extracted: 03/10/2014 04:53

Sample wt/vol: 15.01(g) Date Analyzed: 03/10/2014 19:39

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 18.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 211705 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	487		82	18
11104-28-2	Aroclor 1221	18	U	82	18
11141-16-5	Aroclor 1232	18	U	82	18
53469-21-9	Aroclor 1242	18	U	82	18
12672-29-6	Aroclor 1248	18	U	82	18
11097-69-1	Aroclor 1254	23	U	82	23
11096-82-5	*Aroclor 1260*	*370*		*82*	*23*
37324-23-5	Aroclor 1262	23	U	82	23
11100-14-4	Aroclor 1268	23	U	82	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		45-138

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 03/10/2014 13:30

Analysis Batch Number: 211675 End Date: 03/10/2014 17:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-211675/2		03/10/2014 13:30	1		CLP-2 0.53(mm)
PIBLK 460-211675/2		03/10/2014 13:30	1		CLP-1 0.53(mm)
IC 460-211675/3		03/10/2014 13:49	1	T004388.D	CLP-2 0.53(mm)
IC 460-211675/3		03/10/2014 13:49	1	T004388.D	CLP-1 0.53(mm)
IC 460-211675/4		03/10/2014 14:08	1	T004389.D	CLP-2 0.53(mm)
IC 460-211675/4		03/10/2014 14:08	1	T004389.D	CLP-1 0.53(mm)
IC 460-211675/5 ICRT		03/10/2014 14:27	1	T004390.D	CLP-2 0.53(mm)
IC 460-211675/5 ICRT		03/10/2014 14:27	1	T004390.D	CLP-1 0.53(mm)
IC 460-211675/6		03/10/2014 14:54	1	T004391.D	CLP-2 0.53(mm)
IC 460-211675/6		03/10/2014 14:54	1	T004391.D	CLP-1 0.53(mm)
IC 460-211675/7		03/10/2014 15:13	1	T004392.D	CLP-2 0.53(mm)
IC 460-211675/7		03/10/2014 15:13	1	T004392.D	CLP-1 0.53(mm)
IC 460-211675/8		03/10/2014 15:32	1	T004393.D	CLP-2 0.53(mm)
IC 460-211675/8		03/10/2014 15:32	1	T004393.D	CLP-1 0.53(mm)
IC 460-211675/9		03/10/2014 15:51	1	T004394.D	CLP-2 0.53(mm)
IC 460-211675/9		03/10/2014 15:51	1	T004394.D	CLP-1 0.53(mm)
IC 460-211675/10		03/10/2014 16:10	1	T004395.D	CLP-2 0.53(mm)
IC 460-211675/10		03/10/2014 16:10	1	T004395.D	CLP-1 0.53(mm)
IC 460-211675/11		03/10/2014 16:29	1	T004396.D	CLP-2 0.53(mm)
IC 460-211675/11		03/10/2014 16:29	1	T004396.D	CLP-1 0.53(mm)
IC 460-211675/12		03/10/2014 16:48	1	T004397.D	CLP-2 0.53(mm)
IC 460-211675/12		03/10/2014 16:48	1	T004397.D	CLP-1 0.53(mm)
IC 460-211675/13		03/10/2014 17:07	1	T004398.D	CLP-2 0.53(mm)
IC 460-211675/13		03/10/2014 17:07	1	T004398.D	CLP-1 0.53(mm)
IC 460-211675/14		03/10/2014 17:26	1	T004399.D	CLP-2 0.53(mm)
IC 460-211675/14		03/10/2014 17:26	1	T004399.D	CLP-1 0.53(mm)
ICV 460-211675/15		03/10/2014 17:45	1		CLP-2 0.53(mm)
ICV 460-211675/15		03/10/2014 17:45	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 03/10/2014 18:04

Analysis Batch Number: 211705 End Date: 03/11/2014 02:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/10/2014 18:04	1		CLP-2 0.53(mm)
ZZZZZ		03/10/2014 18:04	1		CLP-1 0.53(mm)
CCV 460-211705/17		03/10/2014 18:23	1	T004402.D	CLP-2 0.53(mm)
CCV 460-211705/17		03/10/2014 18:23	1	T004402.D	CLP-1 0.53(mm)
MB 460-211557/1-A		03/10/2014 18:42	1	T004403.D	CLP-2 0.53(mm)
MB 460-211557/1-A		03/10/2014 18:42	1	T004403.D	CLP-1 0.53(mm)
LCS 460-211557/2-A		03/10/2014 19:01	1	T004404.D	CLP-2 0.53(mm)
LCS 460-211557/2-A		03/10/2014 19:01	1	T004404.D	CLP-1 0.53(mm)
460-72174-21 MS	PMP-10SW-SD MS	03/10/2014 19:20	1	T004405.D	CLP-2 0.53(mm)
460-72174-21 MS	PMP-10SW-SD MS	03/10/2014 19:20	1	T004405.D	CLP-1 0.53(mm)
460-72174-21 MSD	PMP-10SW-SD MSD	03/10/2014 19:39	1	T004406.D	CLP-2 0.53(mm)
460-72174-21 MSD	PMP-10SW-SD MSD	03/10/2014 19:39	1	T004406.D	CLP-1 0.53(mm)
ZZZZZ		03/10/2014 19:58	1		CLP-2 0.53(mm)
ZZZZZ		03/10/2014 19:58	1		CLP-1 0.53(mm)
ZZZZZ		03/10/2014 20:17	1		CLP-2 0.53(mm)
ZZZZZ		03/10/2014 20:17	1		CLP-1 0.53(mm)
ZZZZZ		03/10/2014 20:36	1		CLP-2 0.53(mm)
ZZZZZ		03/10/2014 20:36	1		CLP-1 0.53(mm)
460-72174-21	PMP-10SW-SD	03/10/2014 20:55	1	T004410.D	CLP-2 0.53(mm)
460-72174-21	PMP-10SW-SD	03/10/2014 20:55	1	T004410.D	CLP-1 0.53(mm)
ZZZZZ		03/10/2014 21:14	1		CLP-2 0.53(mm)
ZZZZZ		03/10/2014 21:14	1		CLP-1 0.53(mm)
460-72174-23	PMP-13SW-SI	03/10/2014 21:33	1	T004412.D	CLP-2 0.53(mm)
460-72174-23	PMP-13SW-SI	03/10/2014 21:33	1	T004412.D	CLP-1 0.53(mm)
460-72174-24	PMP-13SW-SD	03/10/2014 21:51	1	T004413.D	CLP-2 0.53(mm)
460-72174-24	PMP-13SW-SD	03/10/2014 21:51	1	T004413.D	CLP-1 0.53(mm)
460-72174-25	PMP-28SW-VD	03/10/2014 22:10	1	T004414.D	CLP-2 0.53(mm)
460-72174-25	PMP-28SW-VD	03/10/2014 22:10	1	T004414.D	CLP-1 0.53(mm)
ZZZZZ		03/10/2014 22:29	1		CLP-2 0.53(mm)
ZZZZZ		03/10/2014 22:29	1		CLP-1 0.53(mm)
460-72174-27	PMP-28SW-SI	03/10/2014 22:48	1	T004416.D	CLP-2 0.53(mm)
460-72174-27	PMP-28SW-SI	03/10/2014 22:48	1	T004416.D	CLP-1 0.53(mm)
ZZZZZ		03/10/2014 23:07	1		CLP-2 0.53(mm)
ZZZZZ		03/10/2014 23:07	1		CLP-1 0.53(mm)
ZZZZZ		03/10/2014 23:26	1		CLP-2 0.53(mm)
ZZZZZ		03/10/2014 23:26	1		CLP-1 0.53(mm)
ZZZZZ		03/10/2014 23:45	1		CLP-2 0.53(mm)
ZZZZZ		03/10/2014 23:45	1		CLP-1 0.53(mm)
ZZZZZ		03/11/2014 00:04	1		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 00:04	1		CLP-1 0.53(mm)
ZZZZZ		03/11/2014 00:23	1		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 00:23	1		CLP-1 0.53(mm)
460-72174-34	PMP-9SW-VD	03/11/2014 00:42	1	T004422.D	CLP-2 0.53(mm)
460-72174-34	PMP-9SW-VD	03/11/2014 00:42	1	T004422.D	CLP-1 0.53(mm)
ZZZZZ		03/11/2014 01:00	1		CLP-2 0.53(mm)

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PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 03/10/2014 18:04

Analysis Batch Number: 211705 End Date: 03/11/2014 02:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/11/2014 01:00	1		CLP-1 0.53(mm)
460-72174-36	PMP-9SW-SI	03/11/2014 01:19	1	T004424.D	CLP-2 0.53(mm)
460-72174-36	PMP-9SW-SI	03/11/2014 01:19	1	T004424.D	CLP-1 0.53(mm)
ZZZZZ		03/11/2014 01:38	1		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 01:38	1		CLP-1 0.53(mm)
460-72174-38	PMP-10SW-SI	03/11/2014 01:57	1	T004426.D	CLP-2 0.53(mm)
460-72174-38	PMP-10SW-SI	03/11/2014 01:57	1	T004426.D	CLP-1 0.53(mm)
ZZZZZ		03/11/2014 02:16	1		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 02:16	1		CLP-1 0.53(mm)
CCV 460-211705/43		03/11/2014 02:35	1	T004428.D	CLP-2 0.53(mm)
CCV 460-211705/43		03/11/2014 02:35	1	T004428.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 03/11/2014 02:54

Analysis Batch Number: 211706 End Date: 03/11/2014 06:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-211706/44		03/11/2014 02:54	1	T004429.D	CLP-2 0.53(mm)
CCV 460-211706/44		03/11/2014 02:54	1	T004429.D	CLP-1 0.53(mm)
ZZZZZ		03/11/2014 03:13	1		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 03:13	1		CLP-1 0.53(mm)
MB 460-211482/1-A		03/11/2014 03:32	1	T004431.D	CLP-2 0.53(mm)
MB 460-211482/1-A		03/11/2014 03:32	1	T004431.D	CLP-1 0.53(mm)
LCS 460-211482/2-A		03/11/2014 03:51	1	T004432.D	CLP-2 0.53(mm)
LCS 460-211482/2-A		03/11/2014 03:51	1	T004432.D	CLP-1 0.53(mm)
LCSD 460-211482/3-A		03/11/2014 04:10	1	T004433.D	CLP-2 0.53(mm)
LCSD 460-211482/3-A		03/11/2014 04:10	1	T004433.D	CLP-1 0.53(mm)
ZZZZZ		03/11/2014 04:29	1		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 04:29	1		CLP-1 0.53(mm)
ZZZZZ		03/11/2014 04:47	1		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 04:47	1		CLP-1 0.53(mm)
ZZZZZ		03/11/2014 05:06	1		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 05:06	1		CLP-1 0.53(mm)
460-72174-28	FB-030614	03/11/2014 05:25	1	T004437.D	CLP-2 0.53(mm)
460-72174-28	FB-030614	03/11/2014 05:25	1	T004437.D	CLP-1 0.53(mm)
ZZZZZ		03/11/2014 05:44	1		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 05:44	1		CLP-1 0.53(mm)
ZZZZZ		03/11/2014 06:03	1		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 06:03	1		CLP-1 0.53(mm)
CCV 460-211706/55		03/11/2014 06:22	1	T004440.D	CLP-2 0.53(mm)
CCV 460-211706/55		03/11/2014 06:22	1	T004440.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 03/11/2014 07:32

Analysis Batch Number: 211839 End Date: 03/11/2014 12:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-211839/1		03/11/2014 07:32	1	T004441.D	CLP-2 0.53(mm)
CCV 460-211839/1		03/11/2014 07:32	1	T004441.D	CLP-1 0.53(mm)
ZZZZZ		03/11/2014 08:08	50		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 08:08	50		CLP-1 0.53(mm)
460-72174-26	PMP-28SW-WT	03/11/2014 08:27	50	T004443.D	CLP-2 0.53(mm)
460-72174-26	PMP-28SW-WT	03/11/2014 08:27	50	T004443.D	CLP-1 0.53(mm)
ZZZZZ		03/11/2014 08:46	500		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 08:46	500		CLP-1 0.53(mm)
ZZZZZ		03/11/2014 09:05	500		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 09:05	500		CLP-1 0.53(mm)
460-72174-31	PMP-7SW-VD	03/11/2014 09:24	5	T004446.D	CLP-2 0.53(mm)
460-72174-31	PMP-7SW-VD	03/11/2014 09:24	5	T004446.D	CLP-1 0.53(mm)
ZZZZZ		03/11/2014 09:43	100		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 09:43	100		CLP-1 0.53(mm)
460-72174-33	PMP-7SW-SI	03/11/2014 10:02	50	T004448.D	CLP-2 0.53(mm)
460-72174-33	PMP-7SW-SI	03/11/2014 10:02	50	T004448.D	CLP-1 0.53(mm)
460-72174-35	PMP-9SW-WT	03/11/2014 10:21	100	T004449.D	CLP-2 0.53(mm)
460-72174-35	PMP-9SW-WT	03/11/2014 10:21	100	T004449.D	CLP-1 0.53(mm)
460-72174-37	PMP-10SW-WI	03/11/2014 10:40	2	T004450.D	CLP-2 0.53(mm)
460-72174-37	PMP-10SW-WI	03/11/2014 10:40	2	T004450.D	CLP-1 0.53(mm)
460-72174-22	PMP-13SW-WT	03/11/2014 10:59	100	T004451.D	CLP-2 0.53(mm)
460-72174-22	PMP-13SW-WT	03/11/2014 10:59	100	T004451.D	CLP-1 0.53(mm)
460-72174-29	PMP-24SW-WT	03/11/2014 11:18	2500	T004452.D	CLP-2 0.53(mm)
460-72174-29	PMP-24SW-WT	03/11/2014 11:18	2500	T004452.D	CLP-1 0.53(mm)
460-72174-30	PMP-24SW-SI	03/11/2014 11:37	1000	T004453.D	CLP-2 0.53(mm)
460-72174-30	PMP-24SW-SI	03/11/2014 11:37	1000	T004453.D	CLP-1 0.53(mm)
460-72174-32	PMP-7SW-WI	03/11/2014 12:00	200	T004454.D	CLP-2 0.53(mm)
460-72174-32	PMP-7SW-WI	03/11/2014 12:00	200	T004454.D	CLP-1 0.53(mm)
CCV 460-211839/15		03/11/2014 12:19	1	T004455.D	CLP-2 0.53(mm)
CCV 460-211839/15		03/11/2014 12:19	1	T004455.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CPESTGC7 Start Date: 02/27/2014 12:54

Analysis Batch Number: 209693 End Date: 02/27/2014 16:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-209693/1		02/27/2014 12:54	1		CLP-2 0.53(mm)
PIBLK 460-209693/1		02/27/2014 12:54	1		CLP-1 0.53(mm)
IC 460-209693/2		02/27/2014 13:10	1	OR213856.D	CLP-2 0.53(mm)
IC 460-209693/2		02/27/2014 13:10	1	OR213856.D	CLP-1 0.53(mm)
IC 460-209693/3		02/27/2014 13:26	1	OR213857.D	CLP-2 0.53(mm)
IC 460-209693/3		02/27/2014 13:26	1	OR213857.D	CLP-1 0.53(mm)
IC 460-209693/4 ICRT		02/27/2014 13:42	1	OR213858.D	CLP-2 0.53(mm)
IC 460-209693/4 ICRT		02/27/2014 13:42	1	OR213858.D	CLP-1 0.53(mm)
IC 460-209693/5		02/27/2014 13:59	1	OR213859.D	CLP-2 0.53(mm)
IC 460-209693/5		02/27/2014 13:59	1	OR213859.D	CLP-1 0.53(mm)
IC 460-209693/6		02/27/2014 14:16	1	OR213860.D	CLP-2 0.53(mm)
IC 460-209693/6		02/27/2014 14:16	1	OR213860.D	CLP-1 0.53(mm)
IC 460-209693/7		02/27/2014 14:32	1	OR213861.D	CLP-2 0.53(mm)
IC 460-209693/7		02/27/2014 14:32	1	OR213861.D	CLP-1 0.53(mm)
IC 460-209693/8		02/27/2014 14:49	1	OR213862.D	CLP-2 0.53(mm)
IC 460-209693/8		02/27/2014 14:49	1	OR213862.D	CLP-1 0.53(mm)
IC 460-209693/9		02/27/2014 15:05	1	OR213863.D	CLP-2 0.53(mm)
IC 460-209693/9		02/27/2014 15:05	1	OR213863.D	CLP-1 0.53(mm)
IC 460-209693/10		02/27/2014 15:21	1	OR213864.D	CLP-2 0.53(mm)
IC 460-209693/10		02/27/2014 15:21	1	OR213864.D	CLP-1 0.53(mm)
IC 460-209693/11		02/27/2014 15:37	1	OR213865.D	CLP-2 0.53(mm)
IC 460-209693/11		02/27/2014 15:37	1	OR213865.D	CLP-1 0.53(mm)
IC 460-209693/12		02/27/2014 15:54	1	OR213866.D	CLP-2 0.53(mm)
IC 460-209693/12		02/27/2014 15:54	1	OR213866.D	CLP-1 0.53(mm)
IC 460-209693/13		02/27/2014 16:11	1	OR213867.D	CLP-2 0.53(mm)
IC 460-209693/13		02/27/2014 16:11	1	OR213867.D	CLP-1 0.53(mm)
ICV 460-209693/14		02/27/2014 16:27	1		CLP-2 0.53(mm)
ICV 460-209693/14		02/27/2014 16:27	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CPESTGC7 Start Date: 03/10/2014 23:15

Analysis Batch Number: 211709 End Date: 03/11/2014 06:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-211709/56		03/10/2014 23:15	1	OR214308.D	CLP-2 0.53(mm)
CCV 460-211709/56		03/10/2014 23:15	1	OR214308.D	CLP-1 0.53(mm)
ZZZZZ		03/10/2014 23:32	1		CLP-2 0.53(mm)
ZZZZZ		03/10/2014 23:32	1		CLP-1 0.53(mm)
MB 460-211556/1-A		03/10/2014 23:48	1	OR214310.D	CLP-2 0.53(mm)
MB 460-211556/1-A		03/10/2014 23:48	1	OR214310.D	CLP-1 0.53(mm)
LCS 460-211556/2-A		03/11/2014 00:04	1	OR214311.D	CLP-2 0.53(mm)
LCS 460-211556/2-A		03/11/2014 00:04	1	OR214311.D	CLP-1 0.53(mm)
460-72174-1 MS	PMP-14SW-VS MS	03/11/2014 00:20	1	OR214312.D	CLP-2 0.53(mm)
460-72174-1 MS	PMP-14SW-VS MS	03/11/2014 00:20	1	OR214312.D	CLP-1 0.53(mm)
460-72174-1 MSD	PMP-14SW-VS MSD	03/11/2014 00:37	1	OR214313.D	CLP-2 0.53(mm)
460-72174-1 MSD	PMP-14SW-VS MSD	03/11/2014 00:37	1	OR214313.D	CLP-1 0.53(mm)
460-72174-1	PMP-14SW-VS	03/11/2014 00:54	1	OR214314.D	CLP-2 0.53(mm)
460-72174-1	PMP-14SW-VS	03/11/2014 00:54	1	OR214314.D	CLP-1 0.53(mm)
ZZZZZ		03/11/2014 01:10	1		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 01:10	1		CLP-1 0.53(mm)
460-72174-3	PMP-23SW-VD	03/11/2014 01:27	1	OR214316.D	CLP-2 0.53(mm)
460-72174-3	PMP-23SW-VD	03/11/2014 01:27	1	OR214316.D	CLP-1 0.53(mm)
460-72174-4	PMP-23SW-WT	03/11/2014 01:44	1	OR214317.D	CLP-2 0.53(mm)
460-72174-4	PMP-23SW-WT	03/11/2014 01:44	1	OR214317.D	CLP-1 0.53(mm)
ZZZZZ		03/11/2014 02:01	1		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 02:01	1		CLP-1 0.53(mm)
ZZZZZ		03/11/2014 02:17	1		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 02:17	1		CLP-1 0.53(mm)
460-72174-7	PMP-4SW-VD	03/11/2014 02:33	1	OR214320.D	CLP-2 0.53(mm)
460-72174-7	PMP-4SW-VD	03/11/2014 02:33	1	OR214320.D	CLP-1 0.53(mm)
ZZZZZ		03/11/2014 02:49	1		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 02:49	1		CLP-1 0.53(mm)
460-72174-9	PMP-22SW-VD	03/11/2014 03:06	1	OR214322.D	CLP-2 0.53(mm)
460-72174-9	PMP-22SW-VD	03/11/2014 03:06	1	OR214322.D	CLP-1 0.53(mm)
460-72174-10	PMP-22SW-WT	03/11/2014 03:22	1	OR214323.D	CLP-2 0.53(mm)
460-72174-10	PMP-22SW-WT	03/11/2014 03:22	1	OR214323.D	CLP-1 0.53(mm)
ZZZZZ		03/11/2014 03:39	1		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 03:39	1		CLP-1 0.53(mm)
ZZZZZ		03/11/2014 03:55	1		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 03:55	1		CLP-1 0.53(mm)
460-72174-13	PMP-6SW-VD	03/11/2014 04:11	1	OR214326.D	CLP-2 0.53(mm)
460-72174-13	PMP-6SW-VD	03/11/2014 04:11	1	OR214326.D	CLP-1 0.53(mm)
ZZZZZ		03/11/2014 04:27	1		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 04:27	1		CLP-1 0.53(mm)
ZZZZZ		03/11/2014 04:44	1		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 04:44	1		CLP-1 0.53(mm)
460-72174-16	PMP-2SW-VD	03/11/2014 05:01	1	OR214329.D	CLP-2 0.53(mm)
460-72174-16	PMP-2SW-VD	03/11/2014 05:01	1	OR214329.D	CLP-1 0.53(mm)
ZZZZZ		03/11/2014 05:17	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CPESTGC7 Start Date: 03/10/2014 23:15

Analysis Batch Number: 211709 End Date: 03/11/2014 06:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/11/2014 05:17	1		CLP-1 0.53(mm)
460-72174-18	PMP-2SW-SI	03/11/2014 05:34	1	OR214331.D	CLP-2 0.53(mm)
460-72174-18	PMP-2SW-SI	03/11/2014 05:34	1	OR214331.D	CLP-1 0.53(mm)
ZZZZZ		03/11/2014 05:50	1		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 05:50	1		CLP-1 0.53(mm)
ZZZZZ		03/11/2014 06:06	1		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 06:06	1		CLP-1 0.53(mm)
ZZZZZ		03/11/2014 06:22	1		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 06:22	1		CLP-1 0.53(mm)
CCV 460-211709/83		03/11/2014 06:39	1	OR214335.D	CLP-2 0.53(mm)
CCV 460-211709/83		03/11/2014 06:39	1	OR214335.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CPESTGC7 Start Date: 03/11/2014 15:35

Analysis Batch Number: 212118 End Date: 03/11/2014 19:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-212118/30		03/11/2014 15:35	1	OR214365.D	CLP-2 0.53(mm)
CCV 460-212118/30		03/11/2014 15:35	1	OR214365.D	CLP-1 0.53(mm)
460-72174-2	PMP-23SW-VS	03/11/2014 16:14	10	OR214366.D	CLP-2 0.53(mm)
460-72174-2	PMP-23SW-VS	03/11/2014 16:14	10	OR214366.D	CLP-1 0.53(mm)
460-72174-5	PMP-8SW-VS	03/11/2014 16:31	5	OR214367.D	CLP-2 0.53(mm)
460-72174-5	PMP-8SW-VS	03/11/2014 16:31	5	OR214367.D	CLP-1 0.53(mm)
460-72174-6	PMP-4SW-VS	03/11/2014 16:47	10	OR214368.D	CLP-2 0.53(mm)
460-72174-6	PMP-4SW-VS	03/11/2014 16:47	10	OR214368.D	CLP-1 0.53(mm)
460-72174-8	PMP-22SW-VS	03/11/2014 17:03	2	OR214369.D	CLP-2 0.53(mm)
460-72174-8	PMP-22SW-VS	03/11/2014 17:03	2	OR214369.D	CLP-1 0.53(mm)
460-72174-11	PMP-5SW-WT	03/11/2014 17:20	50	OR214370.D	CLP-2 0.53(mm)
460-72174-11	PMP-5SW-WT	03/11/2014 17:20	50	OR214370.D	CLP-1 0.53(mm)
460-72174-12	PMP-5SW-SI	03/11/2014 17:36	20	OR214371.D	CLP-2 0.53(mm)
460-72174-12	PMP-5SW-SI	03/11/2014 17:36	20	OR214371.D	CLP-1 0.53(mm)
460-72174-14	PMP-6SW-WT	03/11/2014 17:53	25	OR214372.D	CLP-2 0.53(mm)
460-72174-14	PMP-6SW-WT	03/11/2014 17:53	25	OR214372.D	CLP-1 0.53(mm)
460-72174-15	PMP-6SW-SI	03/11/2014 18:09	10	OR214373.D	CLP-2 0.53(mm)
460-72174-15	PMP-6SW-SI	03/11/2014 18:09	10	OR214373.D	CLP-1 0.53(mm)
460-72174-17	PMP-2SW-WT	03/11/2014 18:26	25	OR214374.D	CLP-2 0.53(mm)
460-72174-17	PMP-2SW-WT	03/11/2014 18:26	25	OR214374.D	CLP-1 0.53(mm)
460-72174-19	PMP-24SW-VS	03/11/2014 18:42	50	OR214375.D	CLP-2 0.53(mm)
460-72174-19	PMP-24SW-VS	03/11/2014 18:42	50	OR214375.D	CLP-1 0.53(mm)
460-72174-20	PMP-24SW-VD	03/11/2014 18:59	1000	OR214376.D	CLP-2 0.53(mm)
460-72174-20	PMP-24SW-VD	03/11/2014 18:59	1000	OR214376.D	CLP-1 0.53(mm)
ZZZZZ		03/11/2014 19:15	2000		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 19:15	2000		CLP-1 0.53(mm)
ZZZZZ		03/11/2014 19:31	1		CLP-2 0.53(mm)
ZZZZZ		03/11/2014 19:31	1		CLP-1 0.53(mm)
CCV 460-212118/44		03/11/2014 19:48	1	OR214379.D	CLP-2 0.53(mm)
CCV 460-212118/44		03/11/2014 19:48	1	OR214379.D	CLP-1 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211482 Batch Start Date: 03/09/14 10:42 Batch Analyst: Wu, Huachi

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP_PCBSP 00027	OPPSTPCBSURR 00002	
MB 460-211482/1		3510C, 8082		7	1000 mL	5 mL		50 uL	
LCS 460-211482/2		3510C, 8082		7	1000 mL	5 mL	50 uL	50 uL	
LCSD 460-211482/3		3510C, 8082		7	1000 mL	5 mL	50 uL	50 uL	
460-72174-F-28	FB-030614	3510C, 8082	T	7	980 mL	5 mL		50 uL	

Batch Notes	
Batch Comment	8082
Person's name who did the concentration	Wuh
Exchange Solvent Lot #	64484
Exchange Solvent Name	Hexane
Final Concentrator Volume	5 mL
N-evap temperature	25 Celsius
Na2SO4 Lot Number	331103
Prep Solvent Lot #	64542
Prep Solvent Name	Mecl2
Prep Solvent Volume Used	180 mL
Person's name who did the prep	Wuh

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211556 Batch Start Date: 03/10/14 04:49 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00027	OPPSTPCBSURR 00002		
MB 460-211556/1		3546, 8082		15.00 g	10 mL		50 uL		
LCS 460-211556/2		3546, 8082		15.00 g	10 mL	50 uL	50 uL		
460-72174-F-1 MS	PMP-14SW-VS	3546, 8082	T	15.02 g	10 mL	50 uL	50 uL		
460-72174-F-1 MSD	PMP-14SW-VS	3546, 8082	T	15.00 g	10 mL	50 uL	50 uL		
460-72174-F-1	PMP-14SW-VS	3546, 8082	T	15.00 g	10 mL		50 uL		
460-72174-F-2	PMP-23SW-VS	3546, 8082	T	15.03 g	10 mL		50 uL		
460-72174-F-3	PMP-23SW-VD	3546, 8082	T	15.04 g	10 mL		50 uL		
460-72174-F-4	PMP-23SW-WT	3546, 8082	T	15.01 g	10 mL		50 uL		
460-72174-F-5	PMP-8SW-VS	3546, 8082	T	15.02 g	10 mL		50 uL		
460-72174-F-6	PMP-4SW-VS	3546, 8082	T	15.02 g	10 mL		50 uL		
460-72174-F-7	PMP-4SW-VD	3546, 8082	T	15.05 g	10 mL		50 uL		
460-72174-F-8	PMP-22SW-VS	3546, 8082	T	15.01 g	10 mL		50 uL		
460-72174-F-9	PMP-22SW-VD	3546, 8082	T	15.04 g	10 mL		50 uL		
460-72174-F-10	PMP-22SW-WT	3546, 8082	T	15.02 g	10 mL		50 uL		
460-72174-F-11	PMP-5SW-WT	3546, 8082	T	15.02 g	10 mL		50 uL		
460-72174-F-12	PMP-5SW-SI	3546, 8082	T	15.03 g	10 mL		50 uL		
460-72174-F-13	PMP-6SW-VD	3546, 8082	T	15.03 g	10 mL		50 uL		
460-72174-F-14	PMP-6SW-WT	3546, 8082	T	15.01 g	10 mL		50 uL		
460-72174-F-15	PMP-6SW-SI	3546, 8082	T	15.05 g	10 mL		50 uL		
460-72174-F-16	PMP-2SW-VD	3546, 8082	T	15.00 g	10 mL		50 uL		
460-72174-F-17	PMP-2SW-WT	3546, 8082	T	15.00 g	10 mL		50 uL		
460-72174-F-18	PMP-2SW-SI	3546, 8082	T	15.02 g	10 mL		50 uL		
460-72174-F-19	PMP-24SW-VS	3546, 8082	T	15.05 g	10 mL		50 uL		
460-72174-F-20	PMP-24SW-VD	3546, 8082	T	15.01 g	10 mL		50 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211556 Batch Start Date: 03/10/14 04:49 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Batch Notes	
Balance ID	30
Batch Comment	pcb-soil
Person's name who did the concentration	archie
Exchange Solvent Lot #	64484
Exchange Solvent Name	hexane
Final Concentrator Volume	10 mL
Sulfuric Acid Lot Number	56441sw3665a
Hexane Lot#	64484
MeCl2/Acetone Lot #	52653
Microwave Start Time	4am
Microwave Stop Time	4:30am
Na2SO4 Lot Number	331103
Person's name who did the prep	archie
Person who witnessed spiking	jose s
TBA Lot #	op853
Water Bath ID	10203
Water Bath Temperature	uncorrected 37.0c

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211557 Batch Start Date: 03/10/14 04:52 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00027	OPPSTPCBSURR 00002		
MB 460-211557/1		3546, 8082		15.00 g	10 mL		50 uL		
LCS 460-211557/2		3546, 8082		15.00 g	10 mL	50 uL	50 uL		
460-72174-F-21 MS	PMP-10SW-SD	3546, 8082	T	15.05 g	10 mL	50 uL	50 uL		
460-72174-F-21 MSD	PMP-10SW-SD	3546, 8082	T	15.01 g	10 mL	50 uL	50 uL		
460-72174-F-21	PMP-10SW-SD	3546, 8082	T	15.02 g	10 mL		50 uL		
460-72174-F-22	PMP-13SW-WT	3546, 8082	T	15.03 g	10 mL		50 uL		
460-72174-F-23	PMP-13SW-SI	3546, 8082	T	15.00 g	10 mL		50 uL		
460-72174-F-24	PMP-13SW-SD	3546, 8082	T	15.00 g	10 mL		50 uL		
460-72174-F-25	PMP-28SW-VD	3546, 8082	T	15.00 g	10 mL		50 uL		
460-72174-F-26	PMP-28SW-WT	3546, 8082	T	15.00 g	10 mL		50 uL		
460-72174-F-27	PMP-28SW-SI	3546, 8082	T	15.02 g	10 mL		50 uL		
460-72174-F-29	PMP-24SW-WT	3546, 8082	T	15.01 g	10 mL		50 uL		
460-72174-F-30	PMP-24SW-SI	3546, 8082	T	15.05 g	10 mL		50 uL		
460-72174-F-31	PMP-7SW-VD	3546, 8082	T	15.01 g	10 mL		50 uL		
460-72174-F-32	PMP-7SW-WI	3546, 8082	T	15.03 g	10 mL		50 uL		
460-72174-F-33	PMP-7SW-SI	3546, 8082	T	15.03 g	10 mL		50 uL		
460-72174-F-34	PMP-9SW-VD	3546, 8082	T	15.04 g	10 mL		50 uL		
460-72174-F-35	PMP-9SW-WT	3546, 8082	T	15.02 g	10 mL		50 uL		
460-72174-F-36	PMP-9SW-SI	3546, 8082	T	15.05 g	10 mL		50 uL		
460-72174-F-37	PMP-10SW-WI	3546, 8082	T	15.01 g	10 mL		50 uL		
460-72174-F-38	PMP-10SW-SI	3546, 8082	T	15.00 g	10 mL		50 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211557 Batch Start Date: 03/10/14 04:52 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Batch Notes	
Balance ID	30
Batch Comment	pcb-soil
Person's name who did the concentration	archie
Exchange Solvent Lot #	64484
Exchange Solvent Name	hexane
Final Concentrator Volume	10 mL
Sulfuric Acid Lot Number	56441sw3665a
Hexane Lot#	64484
MeCl2/Acetone Lot #	52653
Microwave Start Time	4am
Microwave Stop Time	4:30am
Na2SO4 Lot Number	331103
Person's name who did the prep	archie
TBA Lot #	op853
Water Bath ID	10203
Water Bath Temperature	uncorrected 37.0c

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method NJ OQA QAM 025

New Jersey - Total petroleum Hydrocarbons (GC) by Method NJ_OQA_QAM_025

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
PMP-14SW-VS	460-72174-1	58	63
PMP-23SW-VS	460-72174-2	45	62
PMP-23SW-VD	460-72174-3	65	73
PMP-23SW-WT	460-72174-4	61	55
PMP-8SW-VS	460-72174-5	66	77
PMP-4SW-VS	460-72174-6	0 X D	0 X D
PMP-4SW-VD	460-72174-7	51	52
PMP-22SW-VS	460-72174-8	68	101
PMP-22SW-VD	460-72174-9	55	52
PMP-22SW-WT	460-72174-10	73	68
PMP-5SW-WT	460-72174-11	0 X D	0 X D
PMP-5SW-SI	460-72174-12	0 X D	0 X D
PMP-6SW-VD	460-72174-13	72	71
PMP-6SW-WT	460-72174-14	46	67
PMP-6SW-SI	460-72174-15	54	79
PMP-2SW-VD	460-72174-16	71	75
PMP-2SW-WT	460-72174-17	57	98
PMP-2SW-SI	460-72174-18	49	50
PMP-24SW-VS	460-72174-19	0 X D	0 X D
PMP-24SW-VD	460-72174-20	0 X D	0 X D
PMP-10SW-SD	460-72174-21	71	69
PMP-13SW-WT	460-72174-22	0 X D	0 X D
PMP-13SW-SI	460-72174-23	73	71
PMP-13SW-SD	460-72174-24	64	72
PMP-28SW-VD	460-72174-25	76	78
PMP-28SW-WT	460-72174-26	0 X D	0 X D
PMP-28SW-SI	460-72174-27	67	68
PMP-24SW-WT	460-72174-29	0 X D	0 X D
PMP-24SW-SI	460-72174-30	0 X D	0 X D
PMP-7SW-VD	460-72174-31	58	185 X
PMP-7SW-WI	460-72174-32	0 X D	0 X D
PMP-7SW-SI	460-72174-33	0 X D	0 X D
PMP-9SW-VD	460-72174-34	65	61
PMP-9SW-WT	460-72174-35	0 X D	0 X D
PMP-9SW-SI	460-72174-36	51	74

	QC LIMITS
CB = Chlorobenzene	40-80
OTPH = o-Terphenyl	50-105

Column to be used to flag recovery values

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	CB	#	OTPH	#
PMP-10SW-WI	460-72174-37	73		74	
PMP-10SW-SI	460-72174-38	67		73	
	MB 460-211687/1-A	94	X	85	
	MB 460-211688/1-A	92	X	87	
	LCS 460-211687/2-A	100	X	97	
	LCS 460-211688/2-A	104	X	103	
PMP-4SW-VD MS	460-72174-7 MS	60		54	
PMP-28SW-VD MS	460-72174-25 MS	78		72	
PMP-4SW-VD MSD	460-72174-7 MSD	72		67	
PMP-28SW-VD MSD	460-72174-25 MSD	83	X	72	

	QC LIMITS
CB = Chlorobenzene	40-80
OTPH = o-Terphenyl	50-105

Column to be used to flag recovery values

FORM II NJ-OQA-QAM-025

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
FB-030614	460-72174-28	88	84
	MB 460-211471/1-A	89	71
	LCS 460-211471/2-A	87	119
	LCSD 460-211471/3-A	85	117

	QC LIMITS
CB = Chlorobenzene	42-93
OTPH = o-Terphenyl	51-123

Column to be used to flag recovery values

FORM II NJ-OQA-QAM-025

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Water Level: Low Lab File ID: GC2F9324.D

Lab ID: LCS 460-211471/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	2.00	2.04	102	56-111	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F9411.D

Lab ID: LCS 460-211687/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	149	112	56-113	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F9441.D

Lab ID: LCS 460-211688/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	149	112	56-113	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Water Level: Low Lab File ID: GC2F9325.D

Lab ID: LCSD 460-211471/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	2.00	2.07	103	1	50	56-111	

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F9412.D

Lab ID: 460-72174-7 MS Client ID: PMP-4SW-VD MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	143	5.7 U	95.9	67	56-113	

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F9442.D

Lab ID: 460-72174-25 MS Client ID: PMP-28SW-VD MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	145	170	228	38	56-113	F1

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F9413.D

Lab ID: 460-72174-7 MSD Client ID: PMP-4SW-VD MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	143	119	83	22	40	56-113	

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F9443.D

Lab ID: 460-72174-25 MSD Client ID: PMP-28SW-VD MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	145	272	69	18	40	56-113	

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: GC2F9323.D Lab Sample ID: MB 460-211471/1-A

Matrix: Water Date Extracted: 03/09/2014 10:24

Instrument ID: CBNAGC2 Date Analyzed: 03/11/2014 07:58

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-211471/2-A	GC2F9324.D	03/11/2014 08:12
	LCSD 460-211471/3-A	GC2F9325.D	03/11/2014 08:25
FB-030614	460-72174-28	GC2F9331.D	03/11/2014 09:47

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: GC2F9410.D Lab Sample ID: MB 460-211687/1-A

Matrix: Solid Date Extracted: 03/10/2014 14:38

Instrument ID: CBNAGC2 Date Analyzed: 03/12/2014 09:28

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-211687/2-A	GC2F9411.D	03/12/2014 09:41
PMP-4SW-VD MS	460-72174-7 MS	GC2F9412.D	03/12/2014 09:55
PMP-4SW-VD MSD	460-72174-7 MSD	GC2F9413.D	03/12/2014 10:09
PMP-4SW-VD	460-72174-7	GC2F9414.D	03/12/2014 10:22
PMP-14SW-VS	460-72174-1	GC2F9415.D	03/12/2014 10:36
PMP-23SW-VS	460-72174-2	GC2F9416.D	03/12/2014 10:49
PMP-23SW-VD	460-72174-3	GC2F9417.D	03/12/2014 11:03
PMP-23SW-WT	460-72174-4	GC2F9418.D	03/12/2014 11:17
PMP-8SW-VS	460-72174-5	GC2F9419.D	03/12/2014 11:30
PMP-4SW-VS	460-72174-6	GC2F9422.D	03/12/2014 12:11
PMP-22SW-VS	460-72174-8	GC2F9423.D	03/12/2014 12:25
PMP-22SW-VD	460-72174-9	GC2F9424.D	03/12/2014 12:38
PMP-22SW-WT	460-72174-10	GC2F9425.D	03/12/2014 12:52
PMP-5SW-WT	460-72174-11	GC2F9426.D	03/12/2014 13:05
PMP-5SW-SI	460-72174-12	GC2F9427.D	03/12/2014 13:19
PMP-6SW-VD	460-72174-13	GC2F9428.D	03/12/2014 13:33
PMP-6SW-WT	460-72174-14	GC2F9429.D	03/12/2014 13:46
PMP-6SW-SI	460-72174-15	GC2F9430.D	03/12/2014 14:00
PMP-2SW-VD	460-72174-16	GC2F9433.D	03/12/2014 14:41
PMP-2SW-WT	460-72174-17	GC2F9434.D	03/12/2014 14:54
PMP-2SW-SI	460-72174-18	GC2F9435.D	03/12/2014 15:08
PMP-24SW-VS	460-72174-19	GC2F9436.D	03/12/2014 15:21
PMP-24SW-VD	460-72174-20	GC2F9437.D	03/12/2014 15:35

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab File ID: GC2F9440.D Lab Sample ID: MB 460-211688/1-A

Matrix: Solid Date Extracted: 03/10/2014 14:48

Instrument ID: CBNAGC2 Date Analyzed: 03/12/2014 16:16

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-211688/2-A	GC2F9441.D	03/12/2014 16:29
PMP-28SW-VD MS	460-72174-25 MS	GC2F9442.D	03/12/2014 16:43
PMP-28SW-VD MSD	460-72174-25 MSD	GC2F9443.D	03/12/2014 16:57
PMP-28SW-VD	460-72174-25	GC2F9444.D	03/12/2014 17:10
PMP-10SW-SD	460-72174-21	GC2F9445.D	03/12/2014 17:24
PMP-13SW-WT	460-72174-22	GC2F9446.D	03/12/2014 17:37
PMP-13SW-SI	460-72174-23	GC2F9447.D	03/12/2014 17:51
PMP-13SW-SD	460-72174-24	GC2F9448.D	03/12/2014 18:05
PMP-28SW-WT	460-72174-26	GC2F9449.D	03/12/2014 18:18
PMP-28SW-SI	460-72174-27	GC2F9452.D	03/12/2014 18:59
PMP-24SW-WT	460-72174-29	GC2F9453.D	03/12/2014 19:13
PMP-24SW-SI	460-72174-30	GC2F9454.D	03/12/2014 19:27
PMP-7SW-VD	460-72174-31	GC2F9455.D	03/12/2014 19:40
PMP-7SW-WI	460-72174-32	GC2F9456.D	03/12/2014 19:54
PMP-7SW-SI	460-72174-33	GC2F9457.D	03/12/2014 20:07
PMP-9SW-VD	460-72174-34	GC2F9458.D	03/12/2014 20:21
PMP-9SW-WT	460-72174-35	GC2F9459.D	03/12/2014 20:35
PMP-9SW-SI	460-72174-36	GC2F9462.D	03/12/2014 21:16
PMP-10SW-WI	460-72174-37	GC2F9463.D	03/12/2014 21:29
PMP-10SW-SI	460-72174-38	GC2F9464.D	03/12/2014 21:43

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-14SW-VS Lab Sample ID: 460-72174-1

Matrix: Solid Lab File ID: GC2F9415.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 09:15

Extraction Method: 3546 Date Extracted: 03/10/2014 14:38

Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 10:36

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 6.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	290		12	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	63		50-105
108-90-7	Chlorobenzene	58		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9415.D
Lims ID: 460-72174-F-1-D Lab Sample ID: 460-72174-1
Client ID: PMP-14SW-VS
Sample Type: Client
Inject. Date: 12-Mar-2014 10:36:15 ALS Bottle#: 29 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 2.0000
Sample Info: 460-0010762-009
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:11 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:38:03

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.682	0.676	0.006	137171	5.80	
A	3 C8-C40					
	3.770	0.393 -	7.147	54203081	2028.9	k
$	4 o-Terphenyl					
	3.780	3.782	-0.002	304728	6.33	

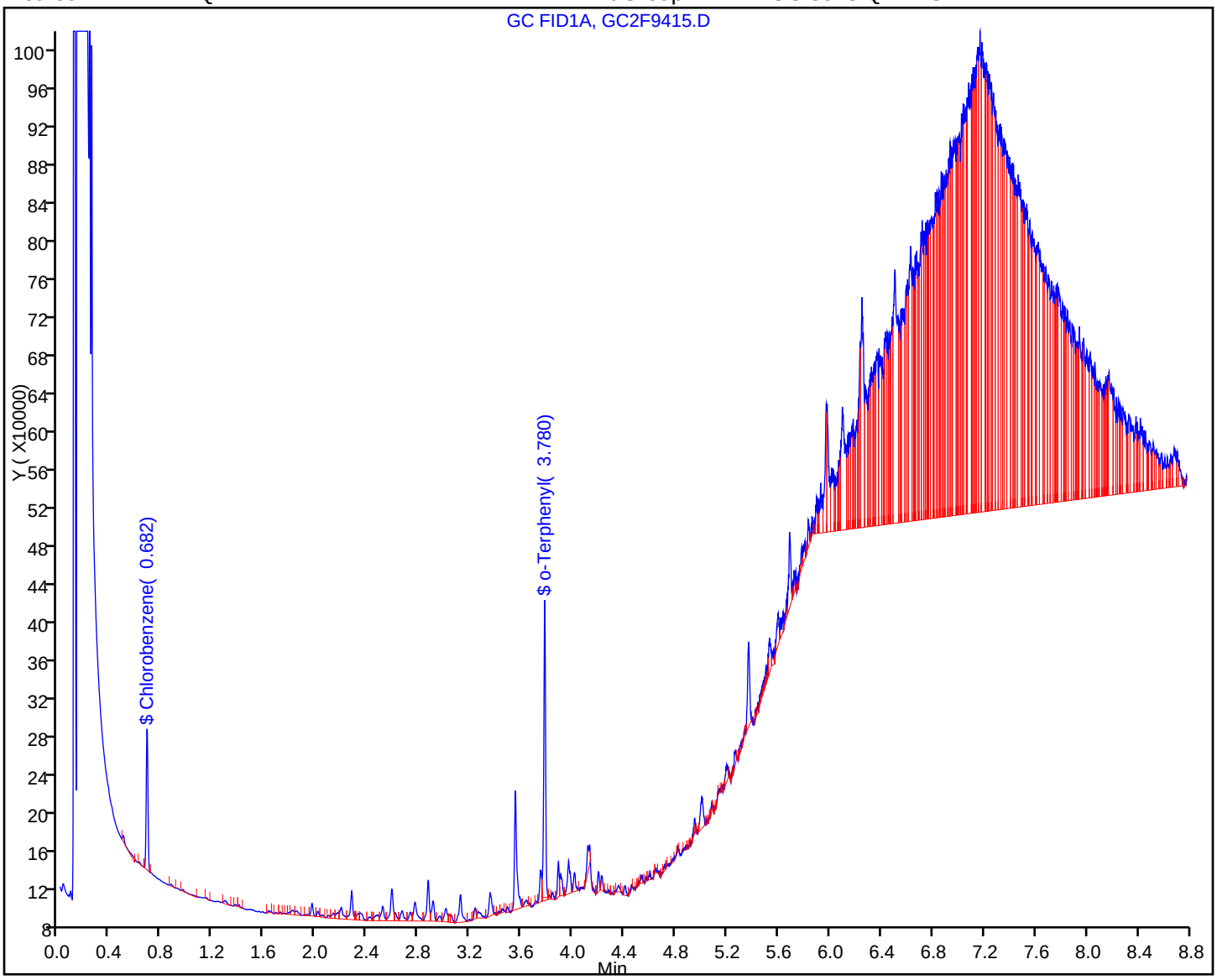
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:16 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9415.D				
Injection Date:	12-Mar-2014 10:36:15	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-1-D	Lab Sample ID:	460-72174-1		
Client ID:	PMP-14SW-VS				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-VS Lab Sample ID: 460-72174-2

Matrix: Solid Lab File ID: GC2F9416.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 09:35

Extraction Method: 3546 Date Extracted: 03/10/2014 14:38

Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 10:49

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	140		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	62		50-105
108-90-7	Chlorobenzene	45		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9416.D
Lims ID: 460-72174-F-2-B Lab Sample ID: 460-72174-2
Client ID: PMP-23SW-VS
Sample Type: Client
Inject. Date: 12-Mar-2014 10:49:47 ALS Bottle#: 30 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-010
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:11 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:38:19

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.685	0.676	0.009	212874	9.00	
A	3 C8-C40					
	3.770	0.393 -	7.147	55778368	2087.8	k
$	4 o-Terphenyl					
	3.782	3.782	0.0	595923	12.4	

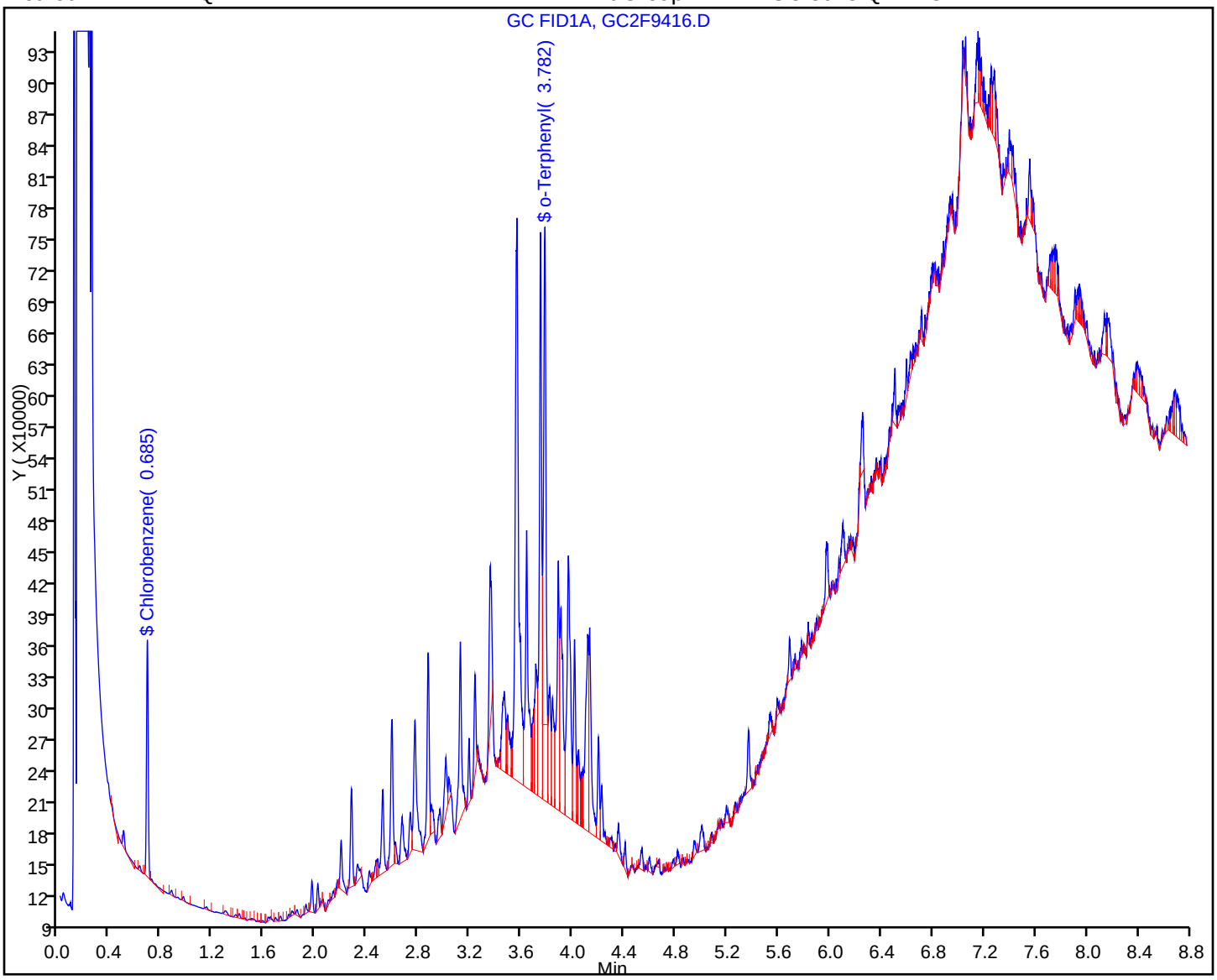
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9416.D				
Injection Date:	12-Mar-2014 10:49:47	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-2-B	Lab Sample ID:	460-72174-2		
Client ID:	PMP-23SW-VS				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-VD Lab Sample ID: 460-72174-3

Matrix: Solid Lab File ID: GC2F9417.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 09:40

Extraction Method: 3546 Date Extracted: 03/10/2014 14:38

Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 11:03

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 6.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	33		5.9	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	73		50-105
108-90-7	Chlorobenzene	65		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9417.D
Lims ID: 460-72174-F-3-B Lab Sample ID: 460-72174-3
Client ID: PMP-23SW-VD
Sample Type: Client
Inject. Date: 12-Mar-2014 11:03:28 ALS Bottle#: 31 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-011
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:11 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:38:55

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.682	0.676	0.006	154382	6.52	
A	3 C8-C40					
	3.770	0.393 -	7.147	12303992	460.6	k
$	4 o-Terphenyl					
	3.781	3.782	-0.001	349441	7.26	

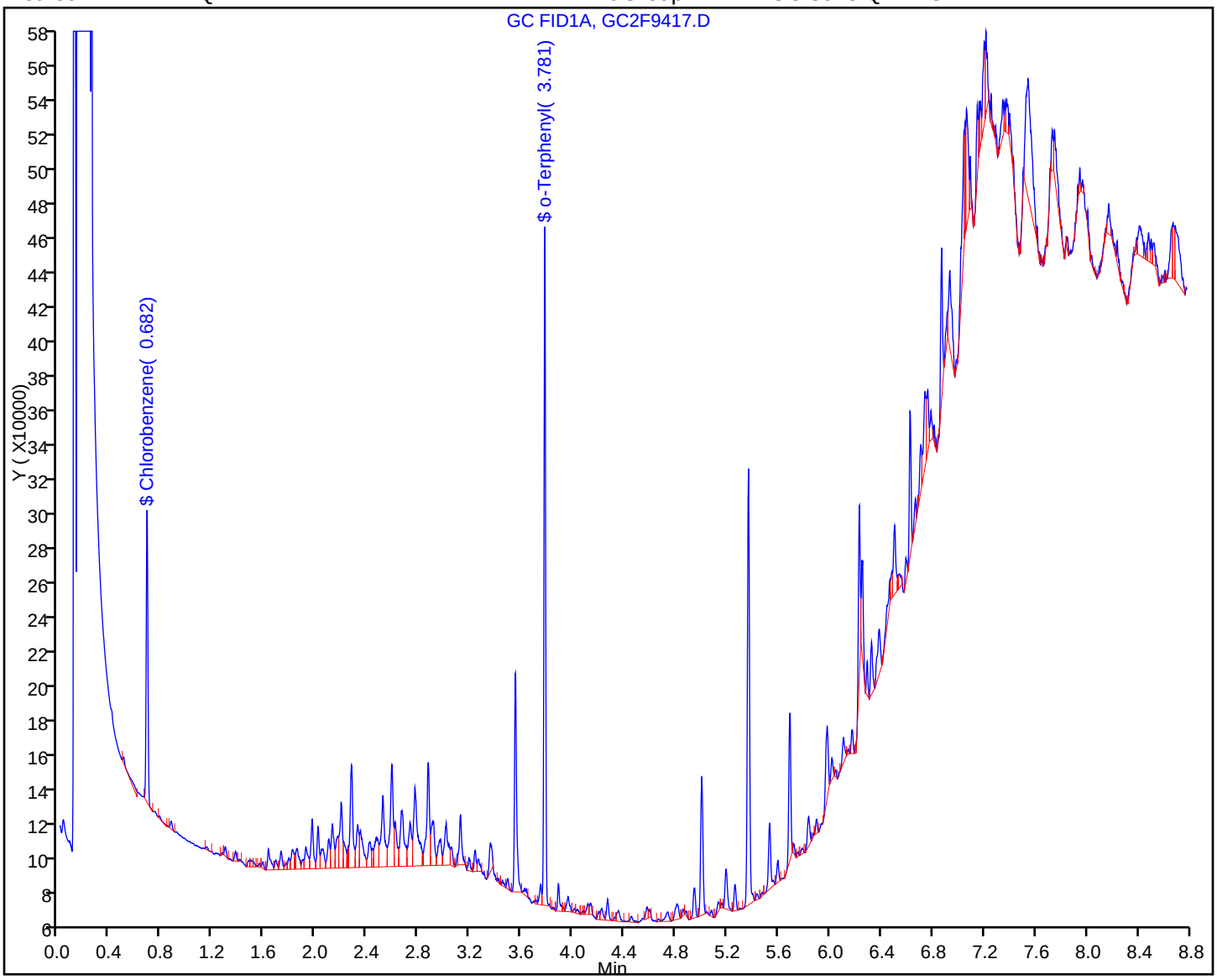
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:17 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9417.D				
Injection Date:	12-Mar-2014 11:03:28	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-3-B	Lab Sample ID:	460-72174-3		
Client ID:	PMP-23SW-VD				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-23SW-WT Lab Sample ID: 460-72174-4

Matrix: Solid Lab File ID: GC2F9418.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 09:45

Extraction Method: 3546 Date Extracted: 03/10/2014 14:38

Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 11:17

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 9.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	8.0		6.0	6.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	55		50-105
108-90-7	Chlorobenzene	61		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9418.D
Lims ID: 460-72174-F-4-B Lab Sample ID: 460-72174-4
Client ID: PMP-23SW-WT
Sample Type: Client
Inject. Date: 12-Mar-2014 11:17:04 ALS Bottle#: 32 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-012
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:11 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:40:01

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.681	0.676	0.005	286795	12.1	
A	3 C8-C40					
	3.770	0.393 -	7.147	2931966	109.7	k
$	4 o-Terphenyl					
	3.780	3.782	-0.002	531704	11.0	

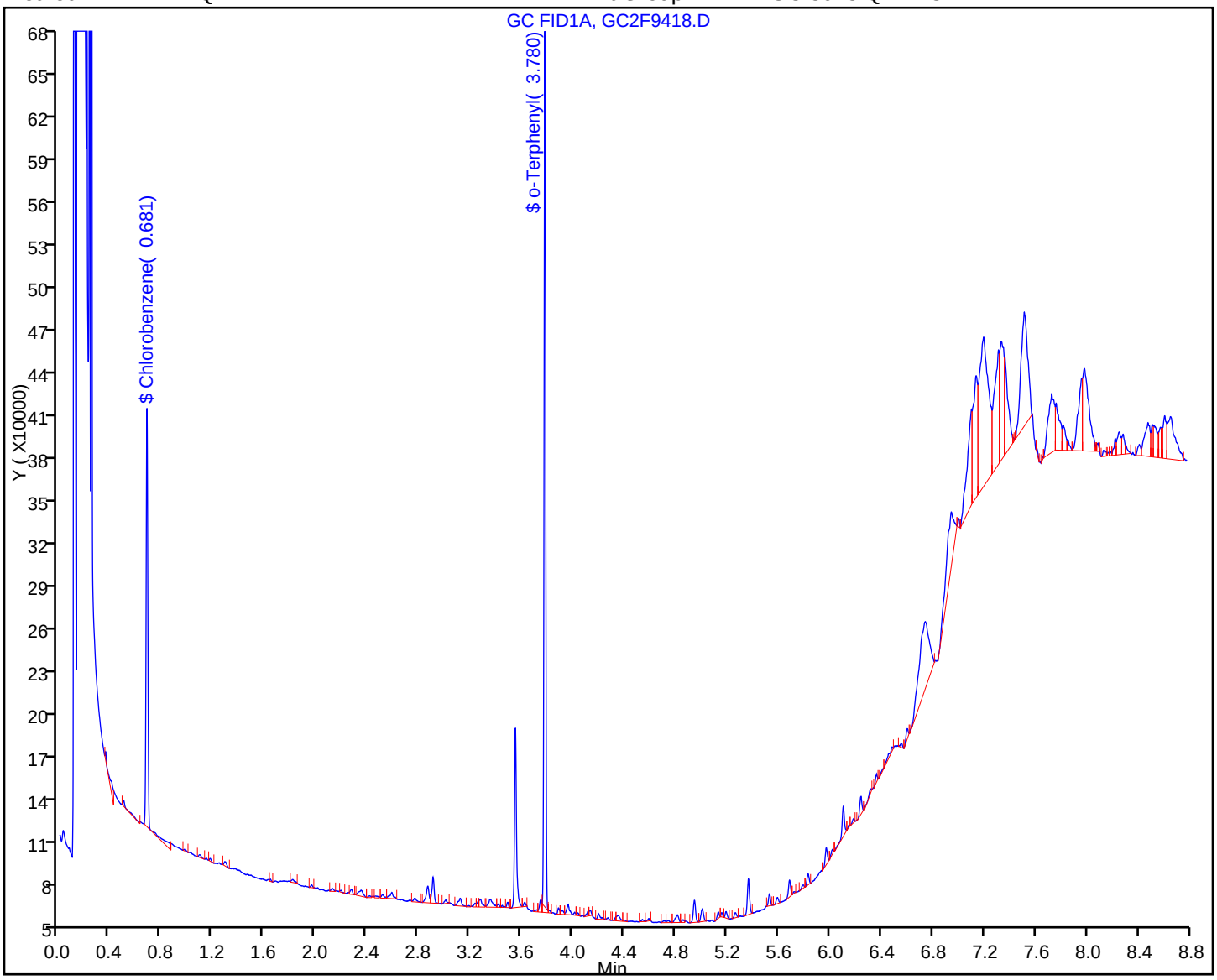
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:18 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9418.D				
Injection Date:	12-Mar-2014 11:17:04	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-4-B	Lab Sample ID:	460-72174-4		
Client ID:	PMP-23SW-WT				
Operator ID:		ALS Bottle#:	32	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-8SW-VS Lab Sample ID: 460-72174-5

Matrix: Solid Lab File ID: GC2F9419.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 10:00

Extraction Method: 3546 Date Extracted: 03/10/2014 14:38

Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 11:30

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	620		29	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	77		50-105
108-90-7	Chlorobenzene	66		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9419.D
Lims ID: 460-72174-F-5-B Lab Sample ID: 460-72174-5
Client ID: PMP-8SW-VS
Sample Type: Client
Inject. Date: 12-Mar-2014 11:30:41 ALS Bottle#: 33 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0010762-013
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:11 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:40:11

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.684	0.676	0.008	62633	2.65	
A	3 C8-C40					
	3.770	0.393 -	7.147	47283633	1769.9	k
$	4 o-Terphenyl					
	3.780	3.782	-0.002	148320	3.08	

QC Flag Legend

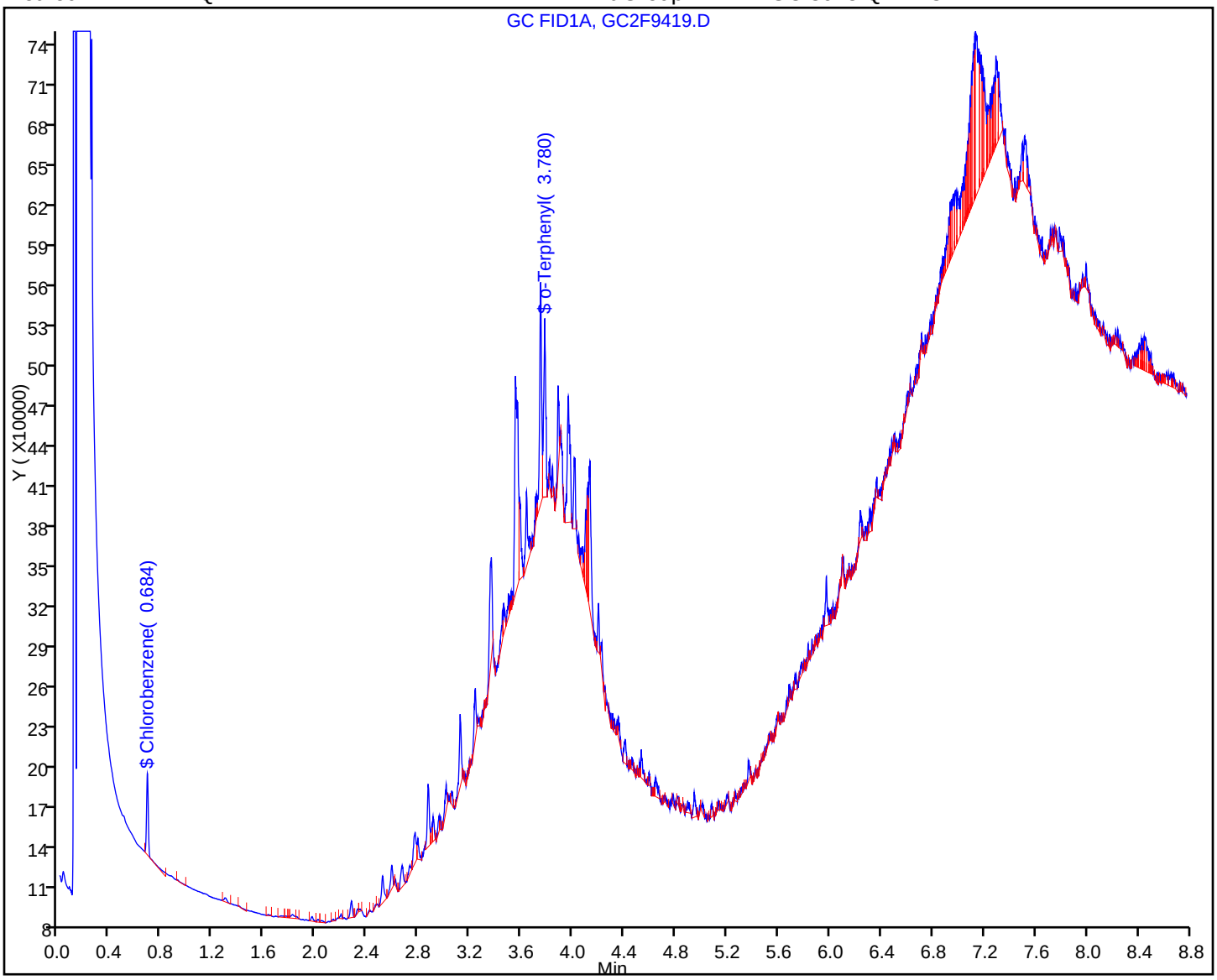
Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:19 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9419.D

Injection Date:	12-Mar-2014 11:30:41	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-5-B	Lab Sample ID:	460-72174-5		
Client ID:	PMP-8SW-VS				
Operator ID:		ALS Bottle#:	33	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-4SW-VS Lab Sample ID: 460-72174-6

Matrix: Solid Lab File ID: GC2F9422.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 10:05

Extraction Method: 3546 Date Extracted: 03/10/2014 14:38

Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 12:11

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 8.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1700		60	60

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9422.D
Lims ID: 460-72174-F-6-B Lab Sample ID: 460-72174-6
Client ID: PMP-4SW-VS
Sample Type: Client
Inject. Date: 12-Mar-2014 12:11:27 ALS Bottle#: 34 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0010762-016
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:20 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:40:29

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
3.770	0.393 -	7.147	61218566	2291.5	k

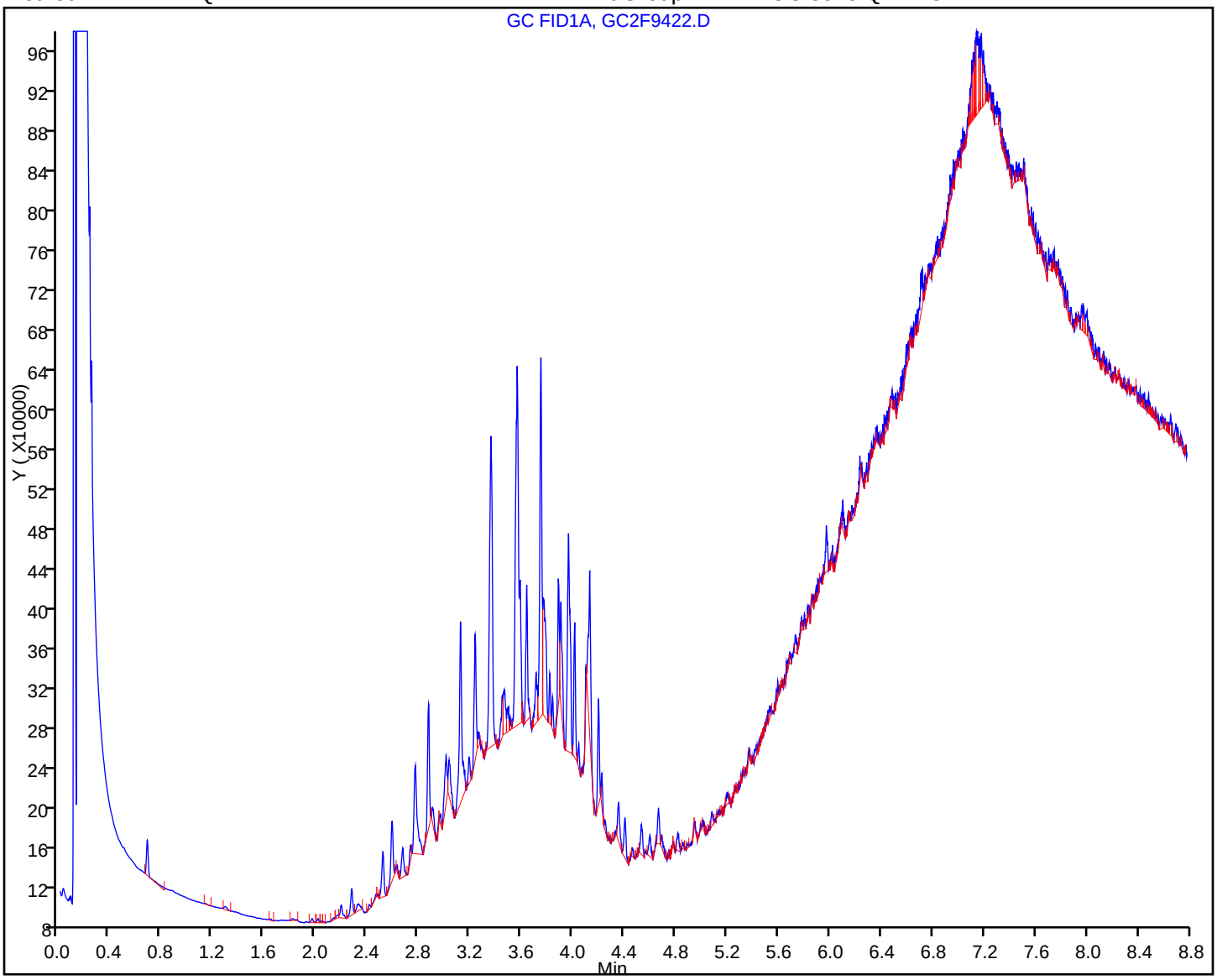
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:21 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9422.D				
Injection Date:	12-Mar-2014 12:11:27	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-6-B	Lab Sample ID:	460-72174-6		
Client ID:	PMP-4SW-VS				
Operator ID:		ALS Bottle#:	34	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-4SW-VD Lab Sample ID: 460-72174-7

Matrix: Solid Lab File ID: GC2F9414.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 10:10

Extraction Method: 3546 Date Extracted: 03/10/2014 14:38

Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 10:22

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.7	U	5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	52		50-105
108-90-7	Chlorobenzene	51		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9414.D
Lims ID: 460-72174-F-7-D Lab Sample ID: 460-72174-7
Client ID: PMP-4SW-VD
Sample Type: Client
Inject. Date: 12-Mar-2014 10:22:36 ALS Bottle#: 28 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-008
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:11 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

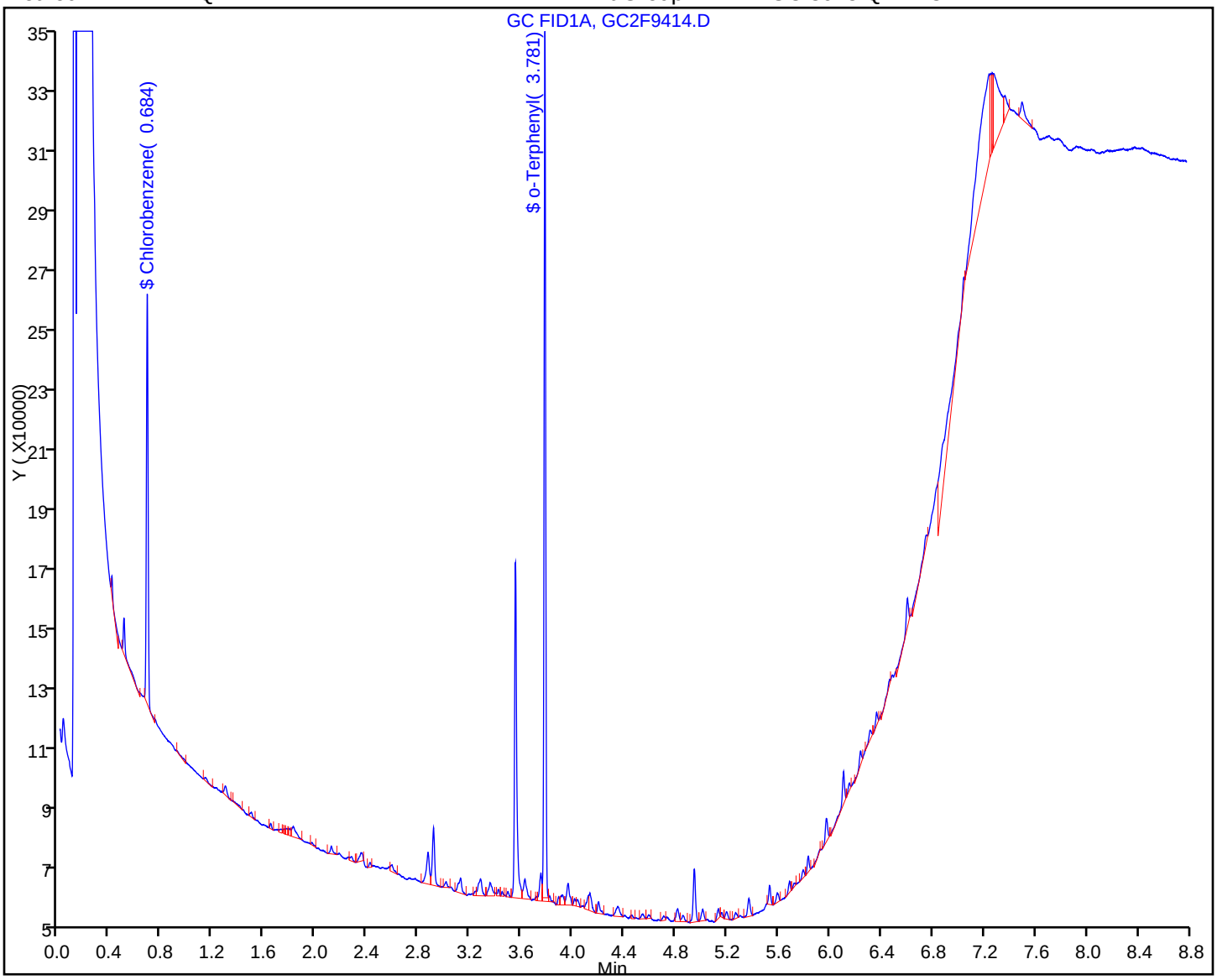
First Level Reviewer: nimerd Date: 13-Mar-2014 10:35:45

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.684	0.676	0.008	121802	5.15	
$ 4 o-Terphenyl					
3.781	3.782	-0.001	248287	5.16	

Report Date: 13-Mar-2014 11:01:15 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9414.D				
Injection Date:	12-Mar-2014 10:22:36	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-7-D	Lab Sample ID:	460-72174-7		
Client ID:	PMP-4SW-VD				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-VS Lab Sample ID: 460-72174-8

Matrix: Solid Lab File ID: GC2F9423.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 10:20

Extraction Method: 3546 Date Extracted: 03/10/2014 14:38

Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 12:25

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 6.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	410		29	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	101		50-105
108-90-7	Chlorobenzene	68		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9423.D
Lims ID: 460-72174-F-8-B Lab Sample ID: 460-72174-8
Client ID: PMP-22SW-VS
Sample Type: Client
Inject. Date: 12-Mar-2014 12:25:10 ALS Bottle#: 35 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0010762-017
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:20 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:40:38

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.683	0.676	0.007	64375	2.72	
A	3 C8-C40					
	3.770	0.393 -	7.147	30551709	1143.6	k
$	4 o-Terphenyl					
	3.780	3.782	-0.002	194724	4.04	

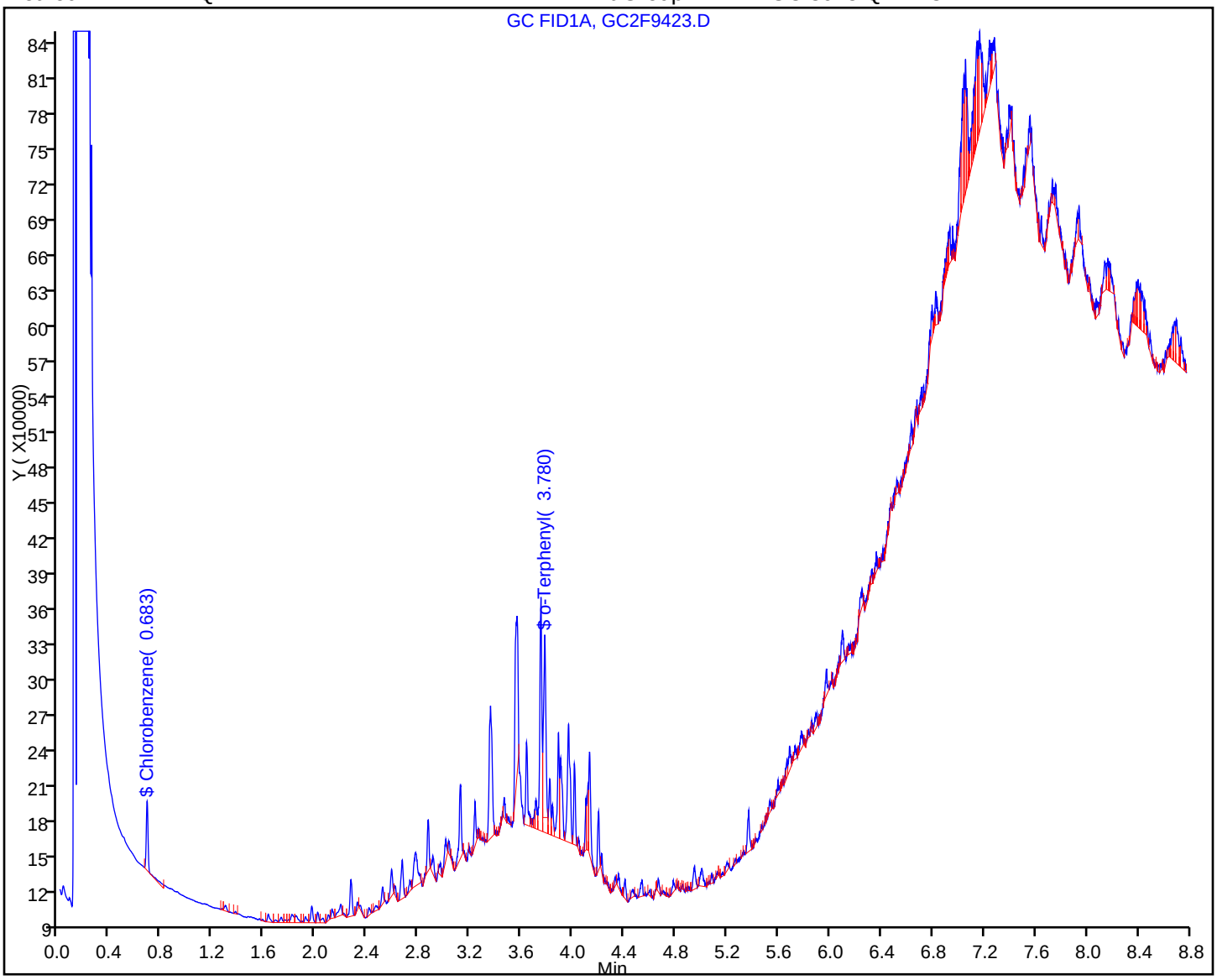
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:22 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9423.D				
Injection Date:	12-Mar-2014 12:25:10	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-8-B	Lab Sample ID:	460-72174-8		
Client ID:	PMP-22SW-VS				
Operator ID:		ALS Bottle#:	35	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-VD Lab Sample ID: 460-72174-9

Matrix: Solid Lab File ID: GC2F9424.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 10:25

Extraction Method: 3546 Date Extracted: 03/10/2014 14:38

Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 12:38

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.8	U	5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	52		50-105
108-90-7	Chlorobenzene	55		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9424.D
Lims ID: 460-72174-F-9-B Lab Sample ID: 460-72174-9
Client ID: PMP-22SW-VD
Sample Type: Client
Inject. Date: 12-Mar-2014 12:38:40 ALS Bottle#: 36 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-018
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:20 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

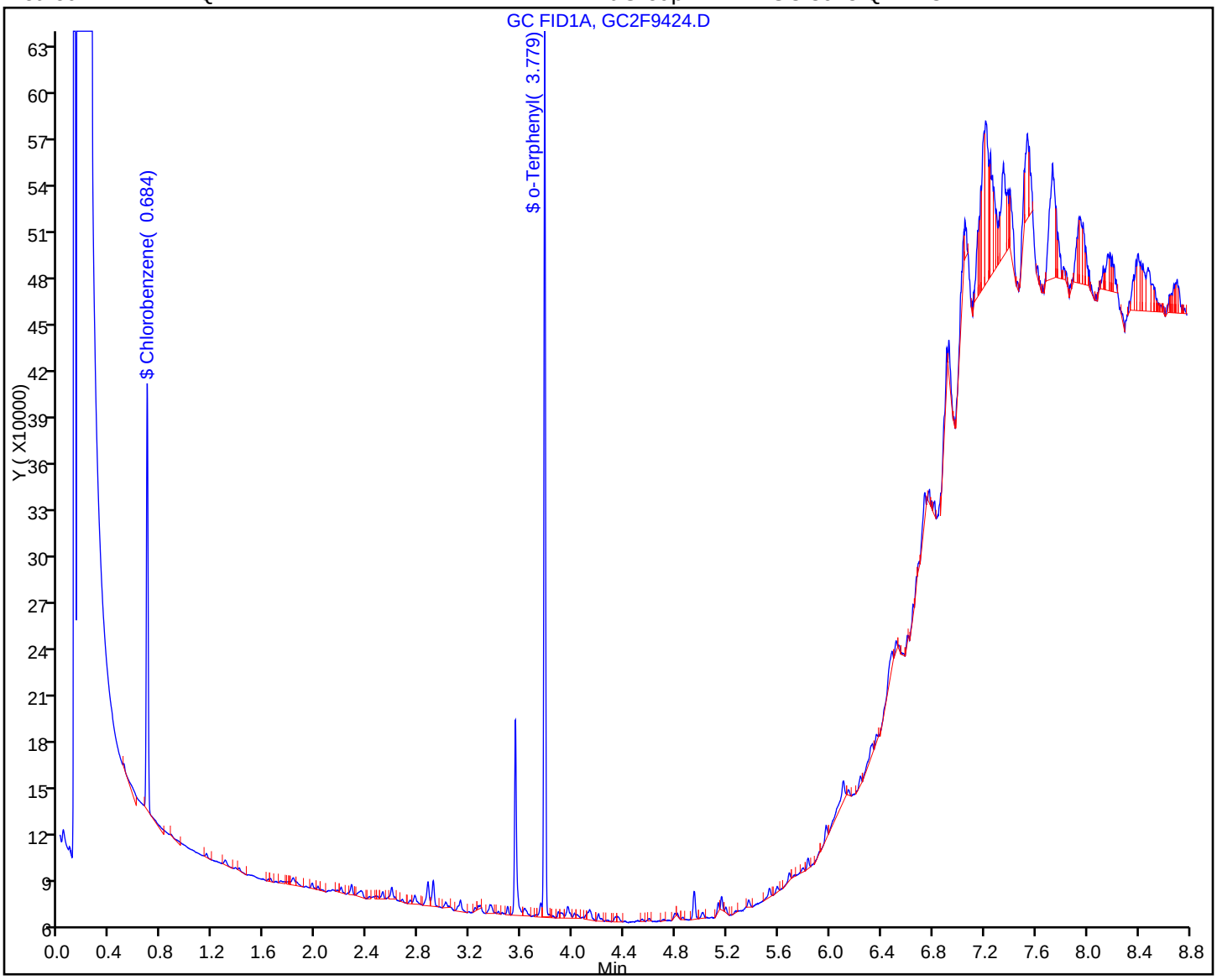
First Level Reviewer: nimerd Date: 13-Mar-2014 10:40:46

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.684	0.676	0.008	260013	11.0	
$ 4 o-Terphenyl					
3.779	3.782	-0.003	505546	10.5	

Report Date: 13-Mar-2014 11:01:23 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9424.D				
Injection Date:	12-Mar-2014 12:38:40	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-9-B	Lab Sample ID:	460-72174-9		
Client ID:	PMP-22SW-VD				
Operator ID:		ALS Bottle#:	36	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-22SW-WT Lab Sample ID: 460-72174-10

Matrix: Solid Lab File ID: GC2F9425.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 10:30

Extraction Method: 3546 Date Extracted: 03/10/2014 14:38

Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 12:52

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 10.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	15		6.2	6.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	68		50-105
108-90-7	Chlorobenzene	73		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9425.D
Lims ID: 460-72174-F-10-B Lab Sample ID: 460-72174-10
Client ID: PMP-22SW-WT
Sample Type: Client
Inject. Date: 12-Mar-2014 12:52:19 ALS Bottle#: 37 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-019
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:20 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:40:52

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.681	0.676	0.005	346821	14.7	
A	3 C8-C40					
	3.770	0.393 -	7.147	5409043	202.5	k
$	4 o-Terphenyl					
	3.780	3.782	-0.002	657941	13.7	

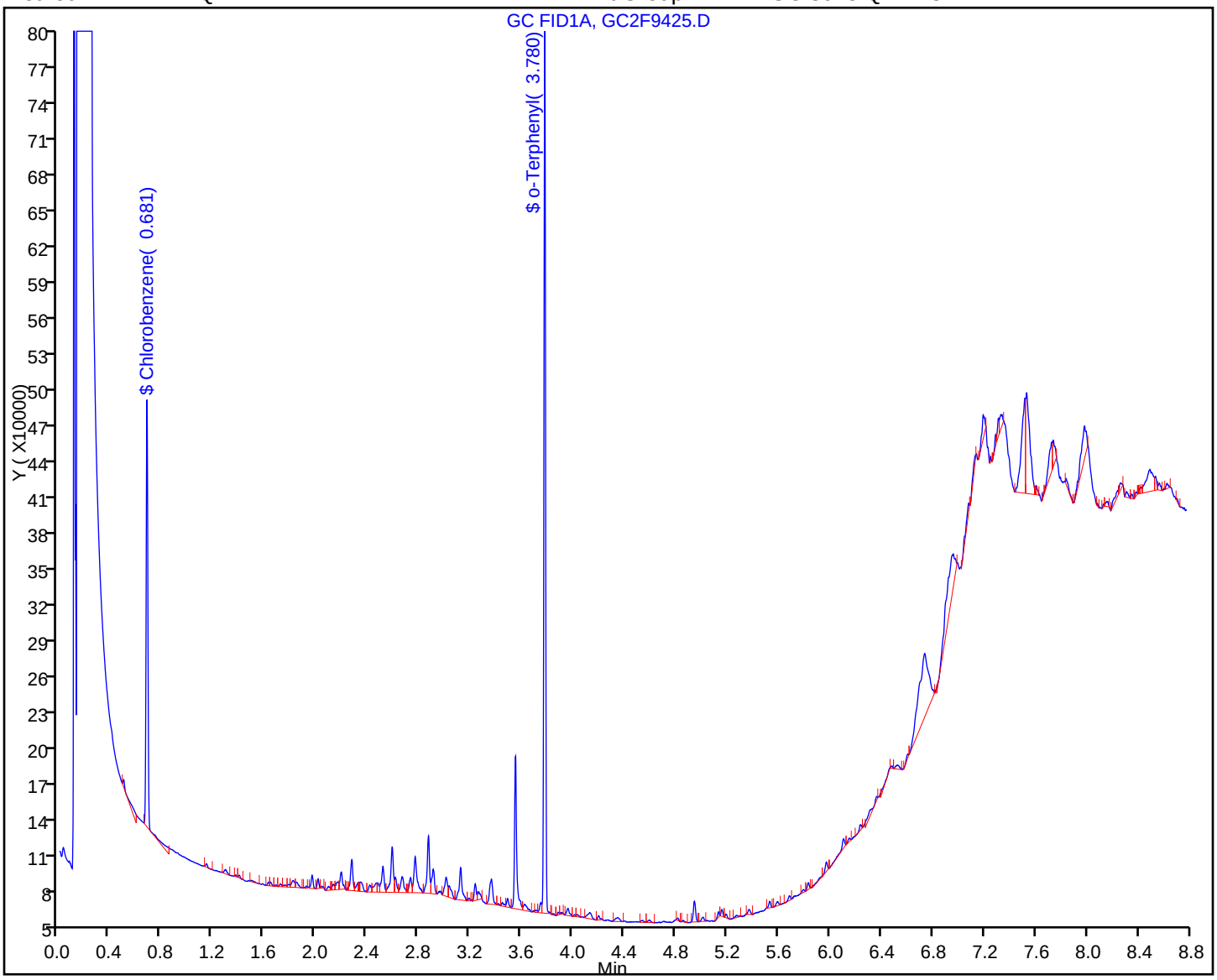
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9425.D				
Injection Date:	12-Mar-2014 12:52:19	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-10-B	Lab Sample ID:	460-72174-10		
Client ID:	PMP-22SW-WT				
Operator ID:		ALS Bottle#:	37	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-WT Lab Sample ID: 460-72174-11

Matrix: Solid Lab File ID: GC2F9426.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 10:55

Extraction Method: 3546 Date Extracted: 03/10/2014 14:38

Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 13:05

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 6.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2400		59	59

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9426.D
Lims ID: 460-72174-F-11-B Lab Sample ID: 460-72174-11
Client ID: PMP-5SW-WT
Sample Type: Client
Inject. Date: 12-Mar-2014 13:05:55 ALS Bottle#: 38 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0010762-020
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:20 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:41:02

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
3.770	0.393 -	7.147	89711371	3358.0	k

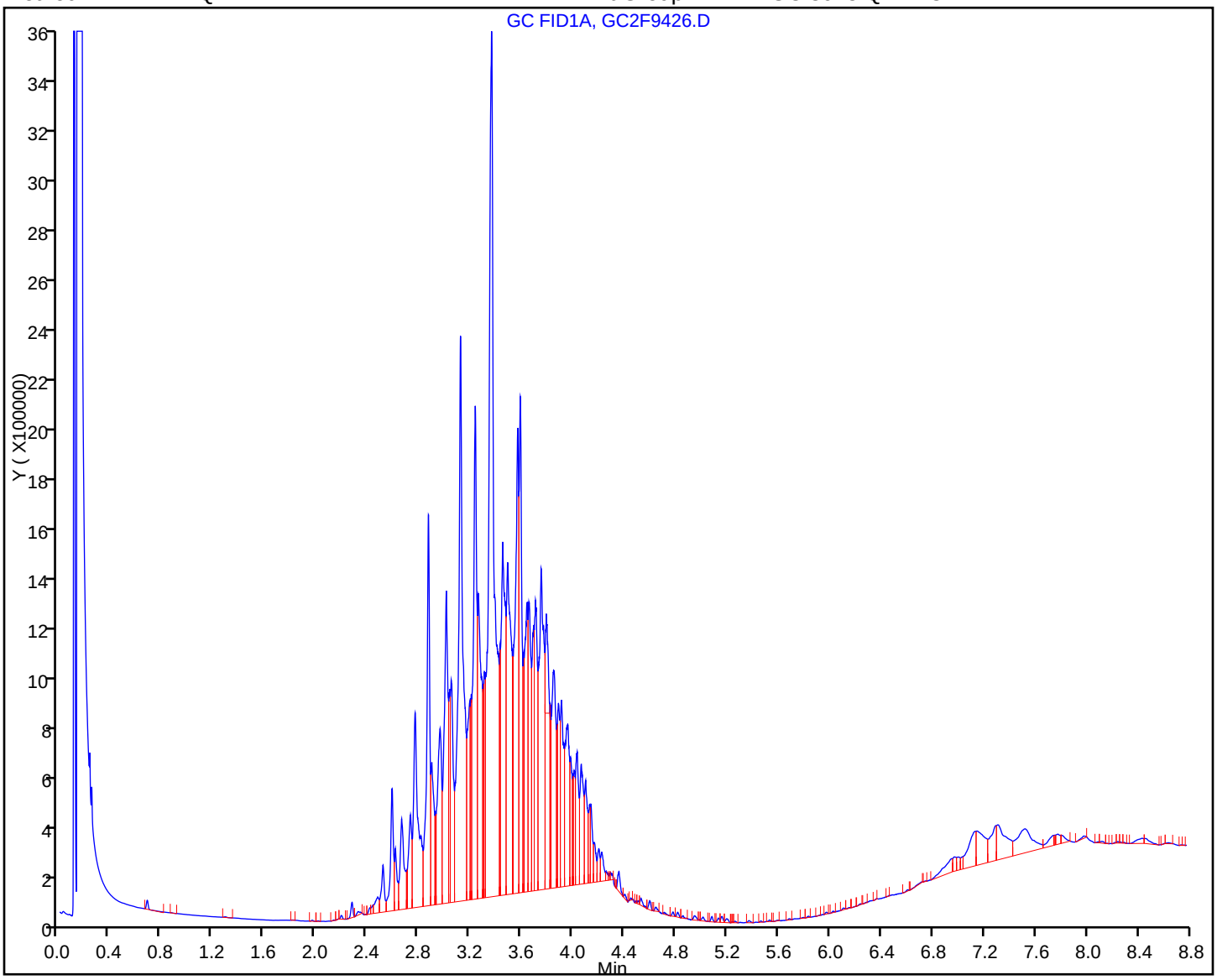
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:24 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9426.D				
Injection Date:	12-Mar-2014 13:05:55	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-11-B	Lab Sample ID:	460-72174-11		
Client ID:	PMP-5SW-WT				
Operator ID:		ALS Bottle#:	38	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-5SW-SI Lab Sample ID: 460-72174-12

Matrix: Solid Lab File ID: GC2F9427.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 11:00

Extraction Method: 3546 Date Extracted: 03/10/2014 14:38

Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 13:19

Con. Extract Vol.: 1(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5100		130	130

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9427.D
Lims ID: 460-72174-F-12-B Lab Sample ID: 460-72174-12
Client ID: PMP-5SW-SI
Sample Type: Client
Inject. Date: 12-Mar-2014 13:19:27 ALS Bottle#: 39 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 20.0000
Sample Info: 460-0010762-021
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:20 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:41:09

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
3.770	0.393 -	7.147	87834250	3287.7	k

QC Flag Legend

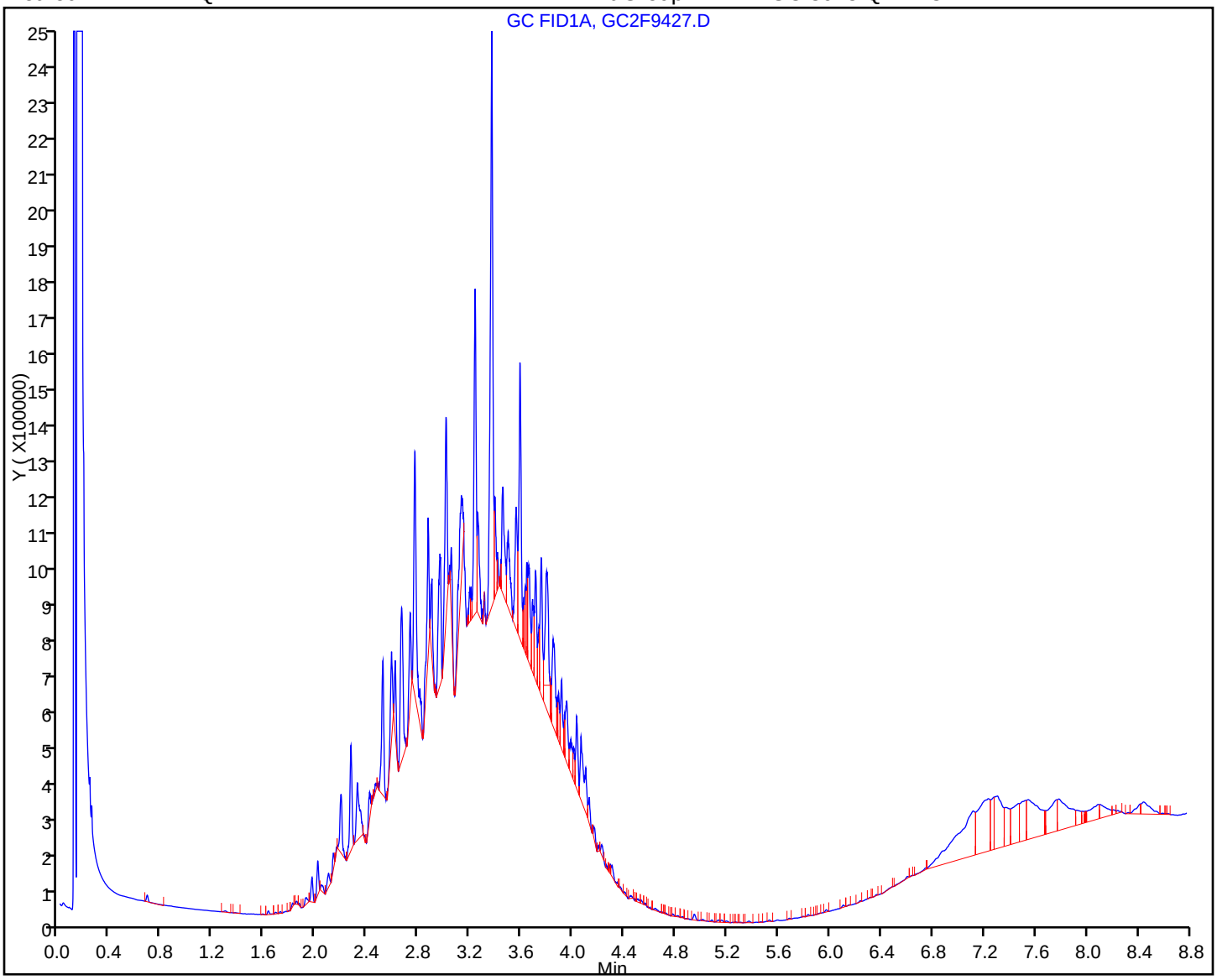
Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:25 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9427.D

Injection Date:	12-Mar-2014 13:19:27	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-12-B	Lab Sample ID:	460-72174-12		
Client ID:	PMP-5SW-SI				
Operator ID:		ALS Bottle#:	39	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	20.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-VD Lab Sample ID: 460-72174-13

Matrix: Solid Lab File ID: GC2F9428.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 11:20

Extraction Method: 3546 Date Extracted: 03/10/2014 14:38

Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 13:33

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	7.8		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	71		50-105
108-90-7	Chlorobenzene	72		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9428.D
Lims ID: 460-72174-F-13-B Lab Sample ID: 460-72174-13
Client ID: PMP-6SW-VD
Sample Type: Client
Inject. Date: 12-Mar-2014 13:33:11 ALS Bottle#: 40 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-022
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:20 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:41:18

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.683	0.676	0.007	338928	14.3	
A 3 C8-C40					
3.770	0.393 -	7.147	2997042	112.2	k
$ 4 o-Terphenyl					
3.781	3.782	-0.001	681499	14.2	

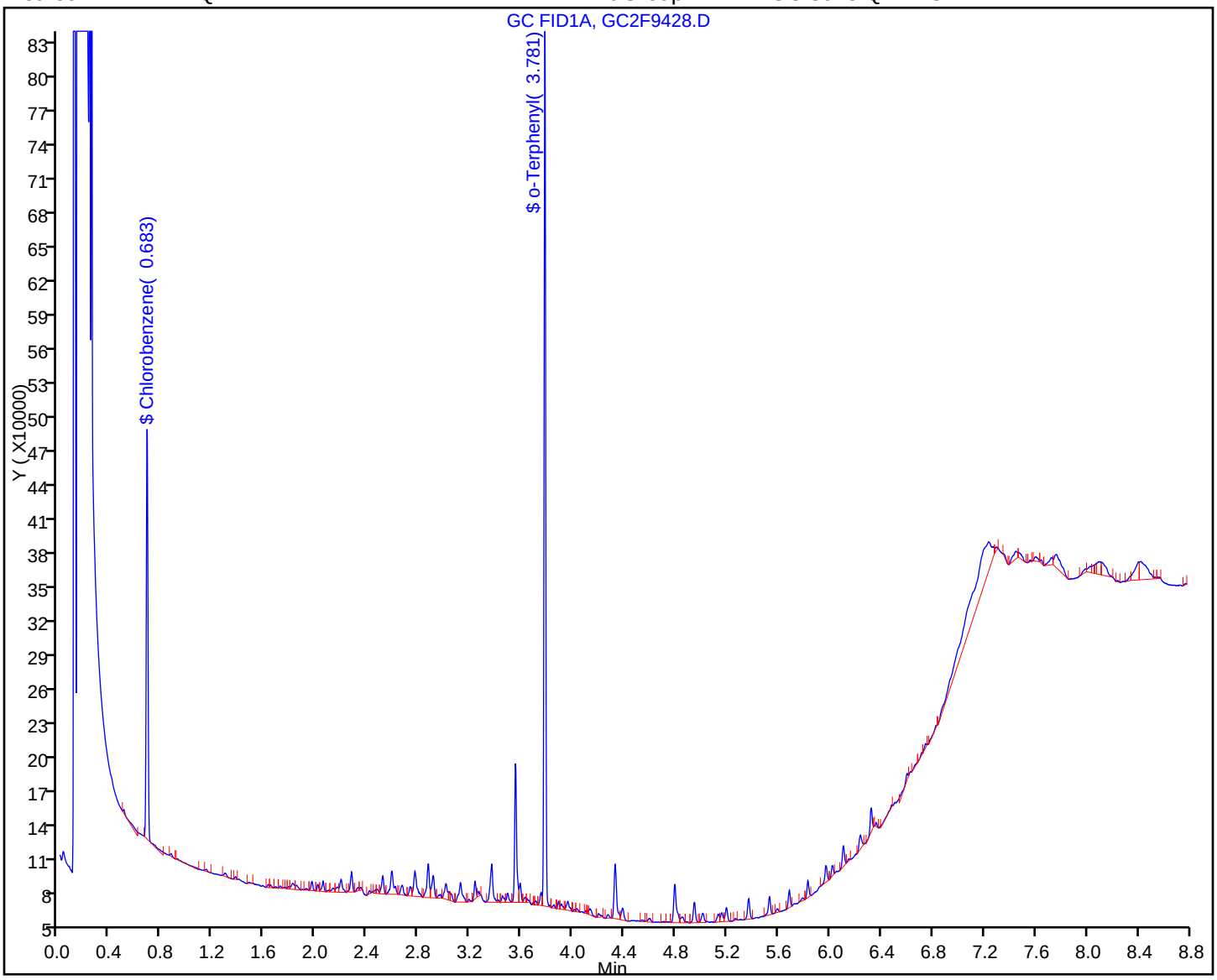
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9428.D				
Injection Date:	12-Mar-2014 13:33:11	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-13-B	Lab Sample ID:	460-72174-13		
Client ID:	PMP-6SW-VD				
Operator ID:		ALS Bottle#:	40	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-WT | Lab Sample ID: 460-72174-14

Matrix: Solid | Lab File ID: GC2F9429.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 03/06/2014 11:25

Extraction Method: 3546 | Date Extracted: 03/10/2014 14:38

Sample wt/vol: 15.01(g) | Date Analyzed: 03/12/2014 13:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 10.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	590		31	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	67		50-105
108-90-7	Chlorobenzene	46		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9429.D
Lims ID: 460-72174-F-14-B Lab Sample ID: 460-72174-14
Client ID: PMP-6SW-WT
Sample Type: Client
Inject. Date: 12-Mar-2014 13:46:45 ALS Bottle#: 41 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0010762-023
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:20 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:41:26

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					M
0.683	0.676	0.007	43844	1.85	M
A 3 C8-C40					
3.770	0.393 -	7.147	42101752	1575.9	k
$ 4 o-Terphenyl					M
3.789	3.782	0.007	128142	2.66	M

QC Flag Legend

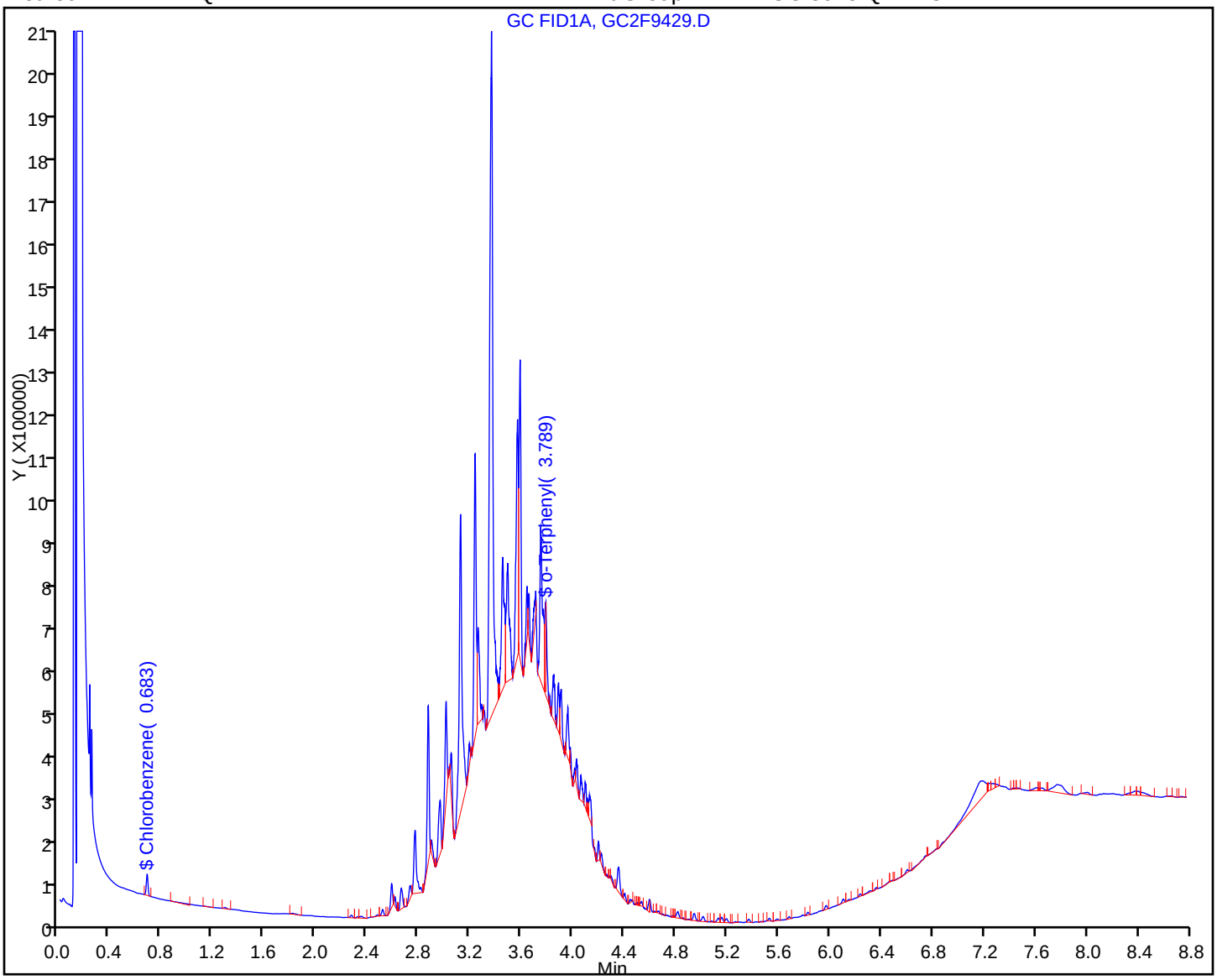
Processing Flags
k - Response Background Subtracted

Review Flags
M - Manually Integrated

Report Date: 13-Mar-2014 11:01:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9429.D				
Injection Date:	12-Mar-2014 13:46:45	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-14-B	Lab Sample ID:	460-72174-14		
Client ID:	PMP-6SW-WT				
Operator ID:		ALS Bottle#:	41	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



Manual Integration/User Assign Peak Report

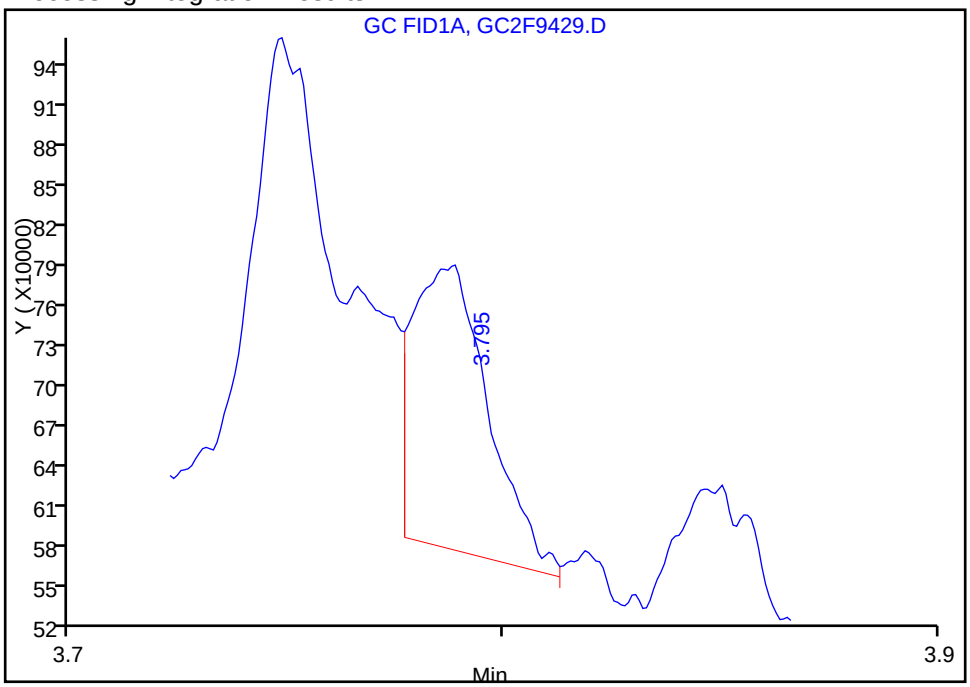
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9429.D				
Injection Date:	12-Mar-2014 13:46:45	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-14-B	Lab Sample ID:	460-72174-14		
Client ID:	PMP-6SW-WT				
Operator ID:		ALS Bottle#:	41	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		
Column:		Detector	GC FID2B		

$ 4 o-Terphenyl, CAS: 84-15-1

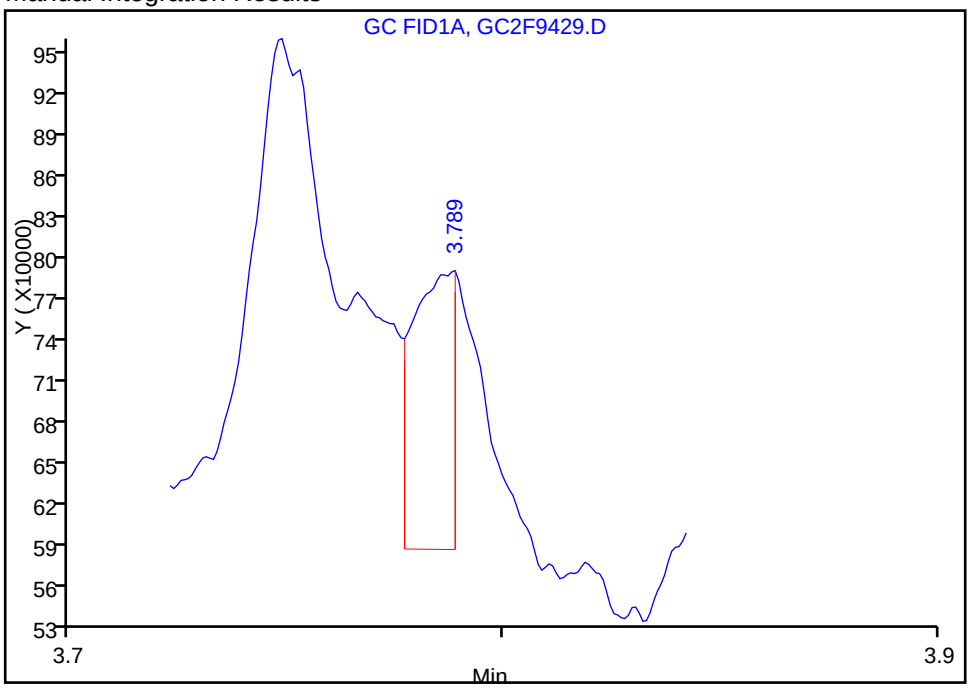
Processing Integration Results

RT: 3.79
Response: 121609
Amount: 5.186626



Manual Integration Results

RT: 3.79
Response: 128142
Amount: 2.661149



Reviewer: nimerd, 13-Mar-2014 10:43:09
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

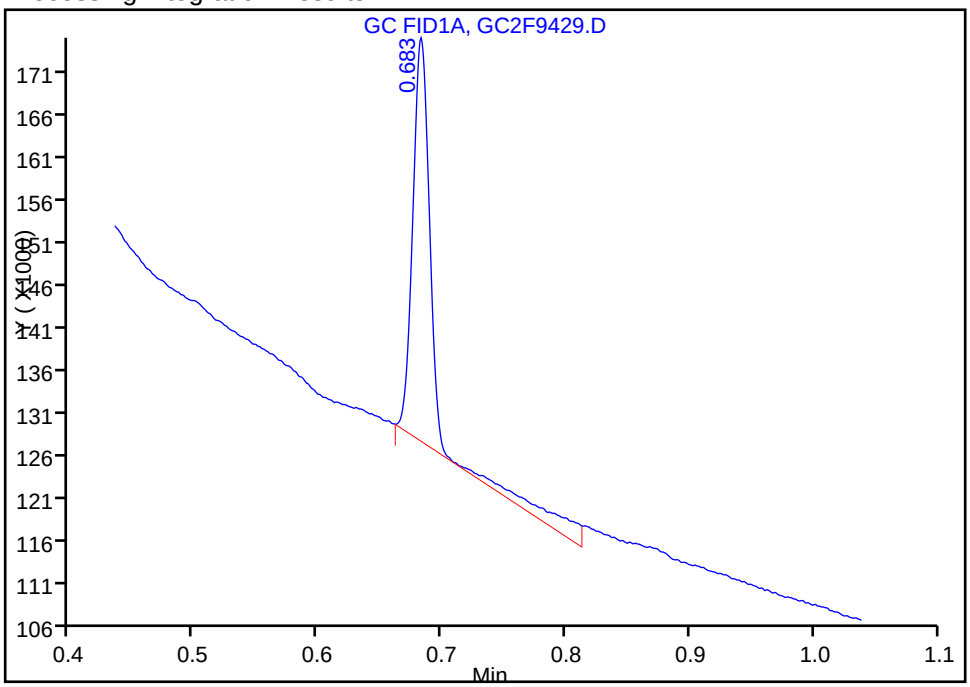
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9429.D				
Injection Date:	12-Mar-2014 13:46:45	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-14-B	Lab Sample ID:	460-72174-14		
Client ID:	PMP-6SW-WT				
Operator ID:		ALS Bottle#:	41	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		
Column:		Detector	GC FID2B		

$ 5 Chlorobenzene, CAS: 108-90-7

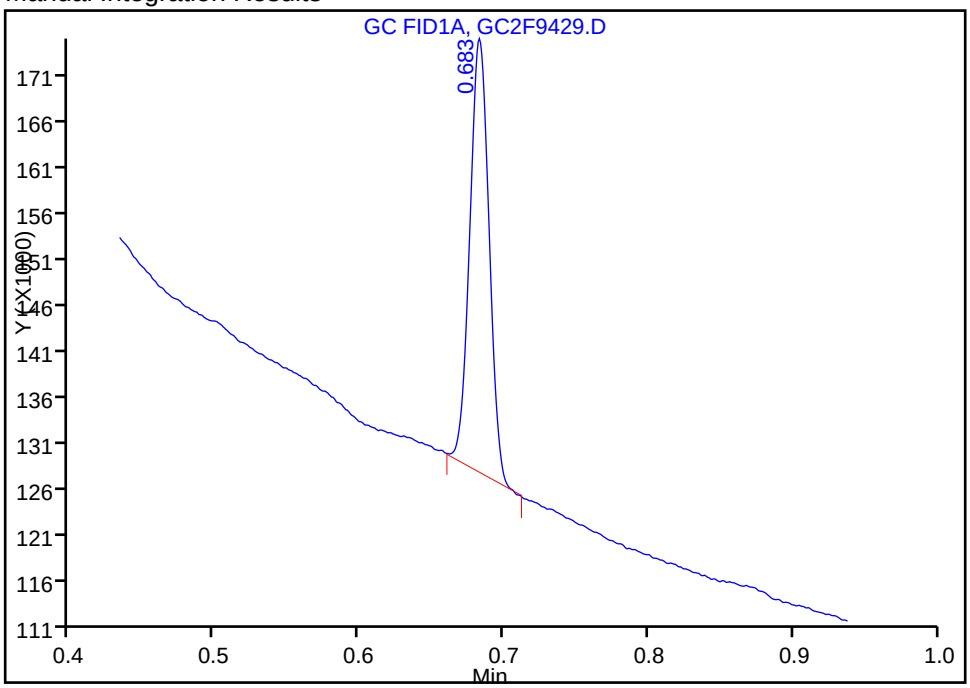
Processing Integration Results

RT: 0.68
Response: 51113
Amount: 2.160088



Manual Integration Results

RT: 0.68
Response: 43844
Amount: 1.852892



Reviewer: nimerd, 13-Mar-2014 10:43:09
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-6SW-SI Lab Sample ID: 460-72174-15

Matrix: Solid Lab File ID: GC2F9430.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 11:30

Extraction Method: 3546 Date Extracted: 03/10/2014 14:38

Sample wt/vol: 15.05(g) Date Analyzed: 03/12/2014 14:00

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 12.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	600		31	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	79		50-105
108-90-7	Chlorobenzene	54		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9430.D
Lims ID: 460-72174-F-15-B Lab Sample ID: 460-72174-15
Client ID: PMP-6SW-SI
Sample Type: Client
Inject. Date: 12-Mar-2014 14:00:16 ALS Bottle#: 42 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0010762-024
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:20 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:44:20

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					M
	0.684	0.676	0.008	51531	2.18	M
A	3 C8-C40					
	3.770	0.393 -	7.147	42320806	1584.1	k
$	4 o-Terphenyl					M
	3.785	3.782	0.003	151689	3.15	M

QC Flag Legend

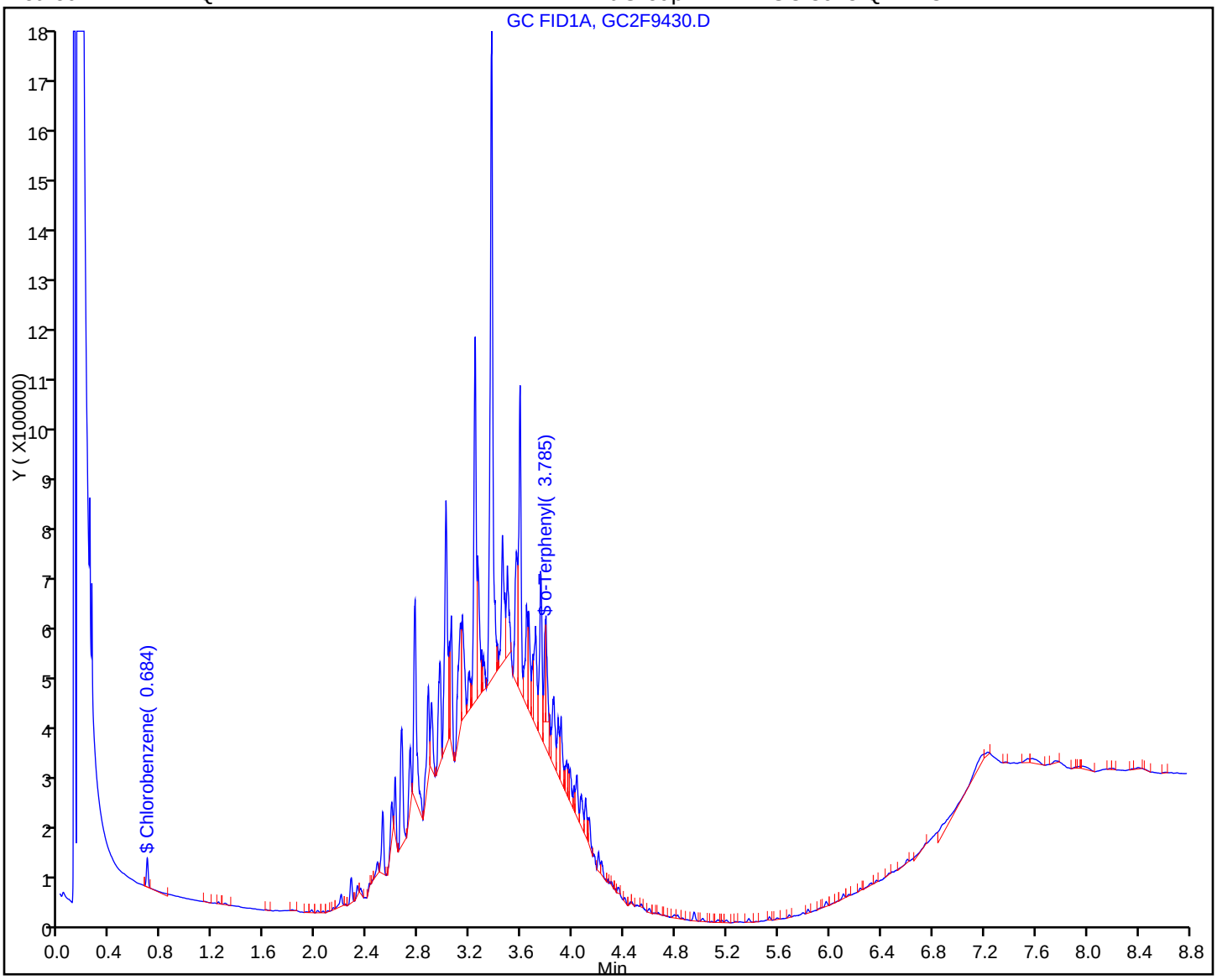
Processing Flags
k - Response Background Subtracted

Review Flags
M - Manually Integrated

Report Date: 13-Mar-2014 11:01:27 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9430.D				
Injection Date:	12-Mar-2014 14:00:16	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-15-B	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	42	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



Manual Integration/User Assign Peak Report

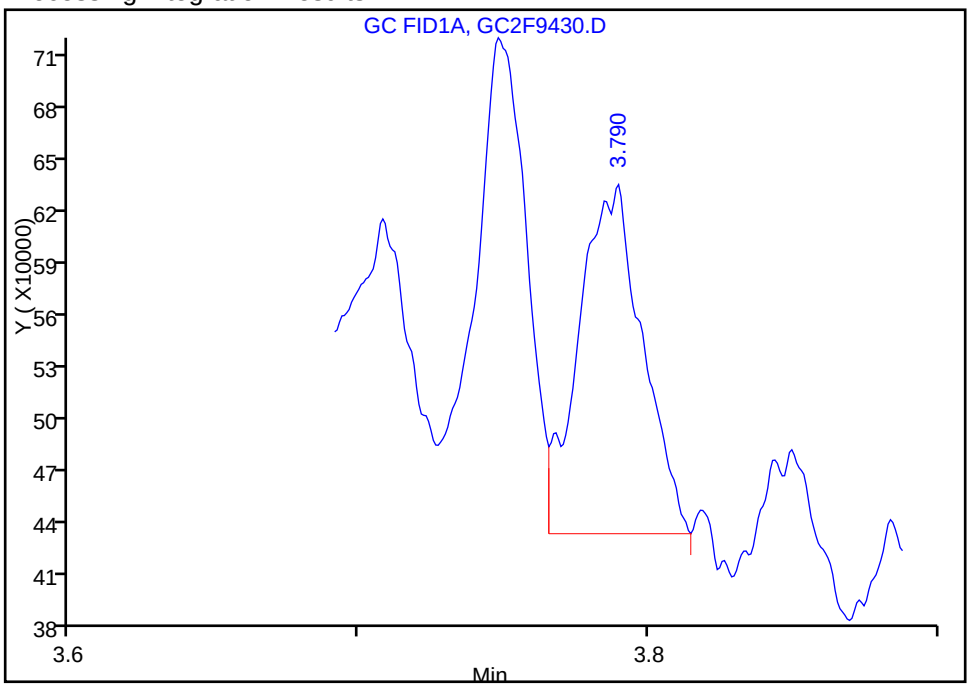
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9430.D				
Injection Date:	12-Mar-2014 14:00:16	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-15-B	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	42	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		
Column:		Detector	GC FID2B		

$ 4 o-Terphenyl, CAS: 84-15-1

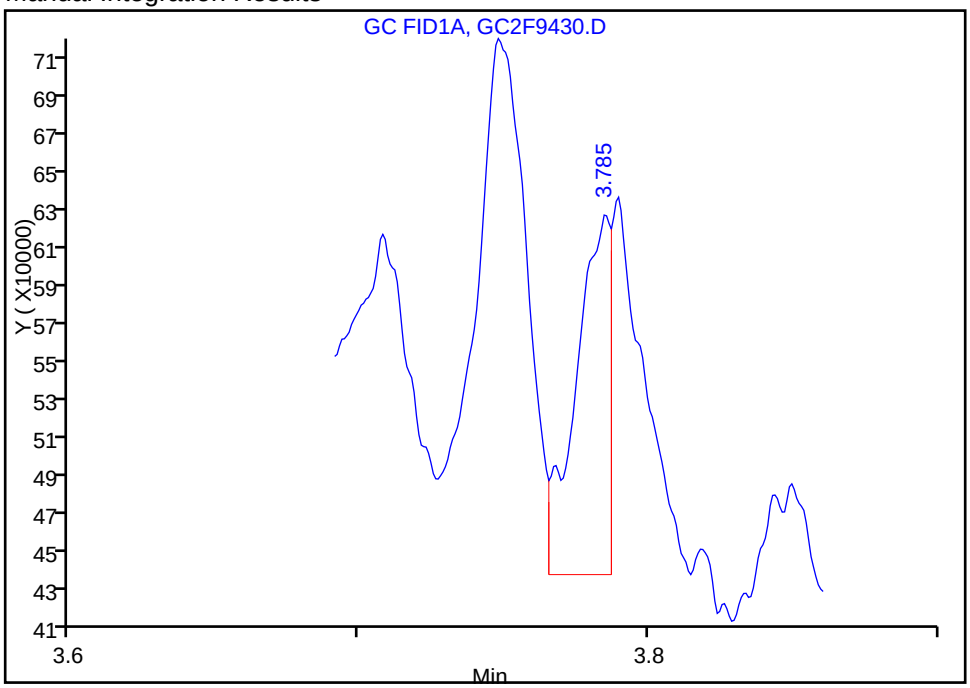
Processing Integration Results

RT: 3.79
Response: 300646
Amount: 6.243573



Manual Integration Results

RT: 3.78
Response: 151689
Amount: 3.150154



Reviewer: nimerd, 13-Mar-2014 10:44:20
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

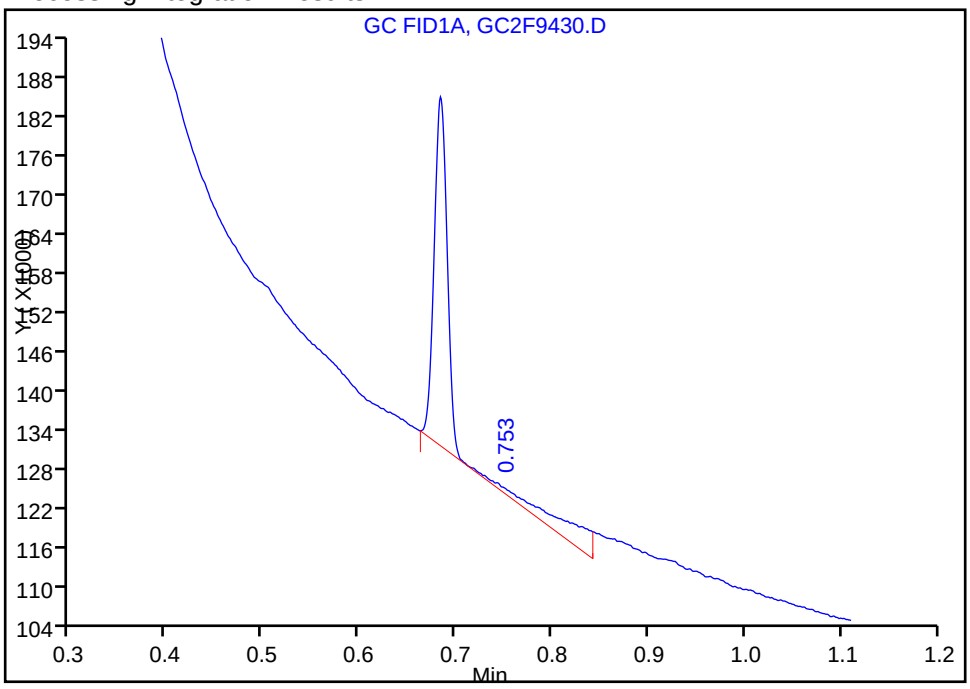
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9430.D				
Injection Date:	12-Mar-2014 14:00:16	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-15-B	Lab Sample ID:	460-72174-15		
Client ID:	PMP-6SW-SI				
Operator ID:		ALS Bottle#:	42	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		
Column:		Detector	GC FID2B		

$ 5 Chlorobenzene, CAS: 108-90-7

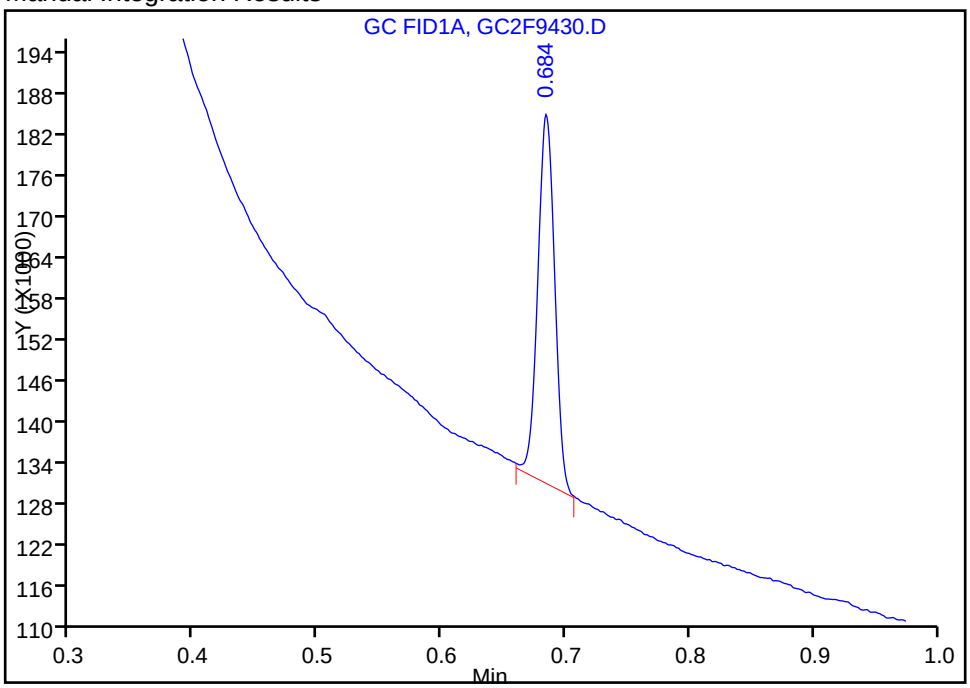
Processing Integration Results

RT: 0.75
Response: 11482
Amount: 2.662994



Manual Integration Results

RT: 0.68
Response: 51531
Amount: 2.177753



Reviewer: nimerd, 13-Mar-2014 10:44:20
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-VD Lab Sample ID: 460-72174-16

Matrix: Solid Lab File ID: GC2F9433.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 11:45

Extraction Method: 3546 Date Extracted: 03/10/2014 14:38

Sample wt/vol: 15.05(g) Date Analyzed: 03/12/2014 14:41

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	250		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	75		50-105
108-90-7	Chlorobenzene	71		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9433.D
Lims ID: 460-72174-F-16-B Lab Sample ID: 460-72174-16
Client ID: PMP-2SW-VD
Sample Type: Client
Inject. Date: 12-Mar-2014 14:41:15 ALS Bottle#: 43 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-027
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:28 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:45:04

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.682	0.676	0.006	337859	14.3	
A	3 C8-C40					
	3.770	0.393 -	7.147	94850447	3550.4	k
$	4 o-Terphenyl					
	3.780	3.782	-0.002	723849	15.0	

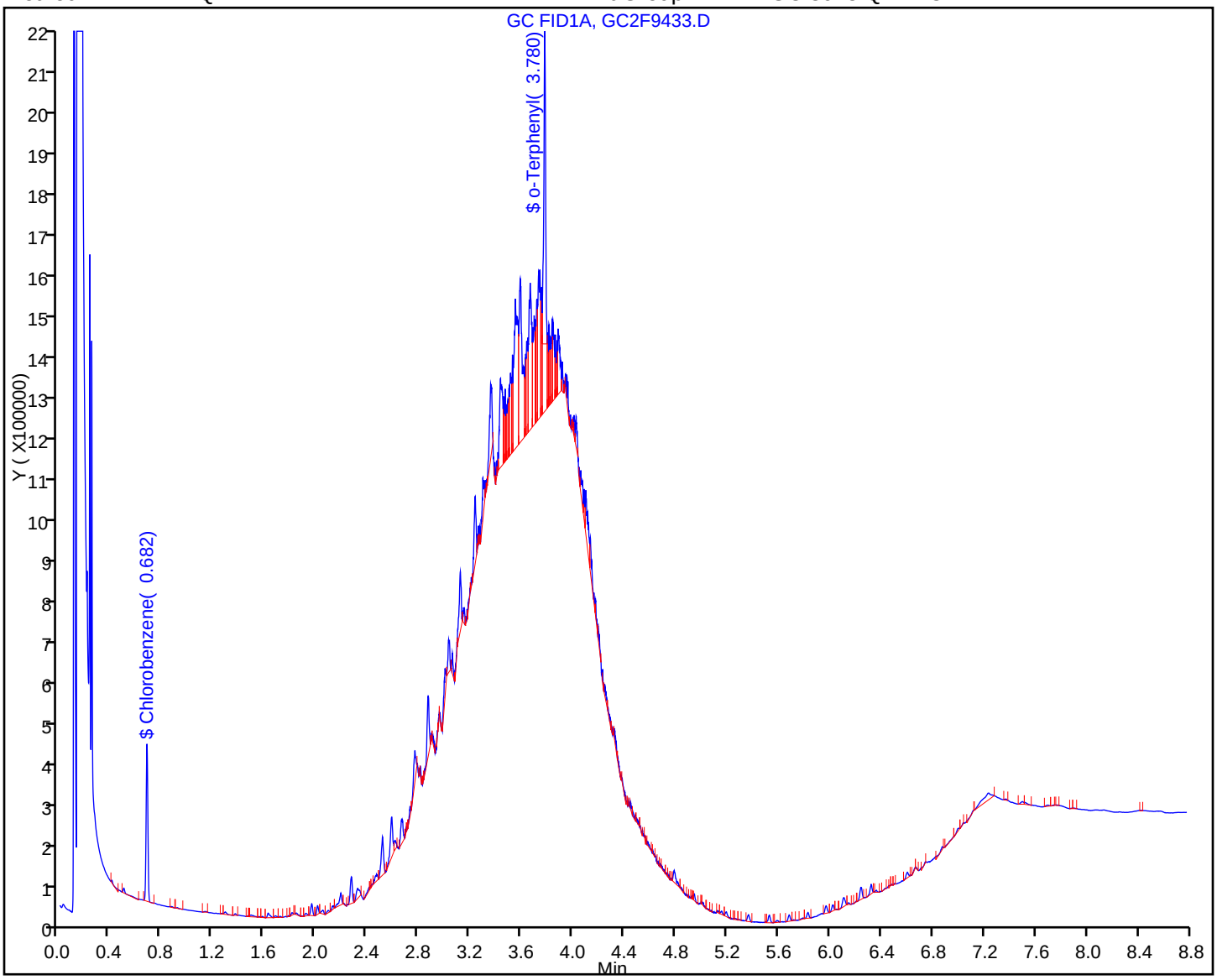
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:30 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9433.D				
Injection Date:	12-Mar-2014 14:41:15	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-16-B	Lab Sample ID:	460-72174-16		
Client ID:	PMP-2SW-VD				
Operator ID:		ALS Bottle#:	43	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-WT Lab Sample ID: 460-72174-17

Matrix: Solid Lab File ID: GC2F9434.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 11:50

Extraction Method: 3546 Date Extracted: 03/10/2014 14:38

Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 14:54

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 11.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	940		31	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	98		50-105
108-90-7	Chlorobenzene	57		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9434.D
Lims ID: 460-72174-F-17-B Lab Sample ID: 460-72174-17
Client ID: PMP-2SW-WT
Sample Type: Client
Inject. Date: 12-Mar-2014 14:54:49 ALS Bottle#: 44 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0010762-028
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:08:19 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 11:08:25

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.683	0.676	0.007	54170	2.29	
A	3 C8-C40					
	3.770	0.393 -	7.147	66827523	2501.4	k
$	4 o-Terphenyl					M
	3.783	3.782	0.001	188247	3.91	M

QC Flag Legend

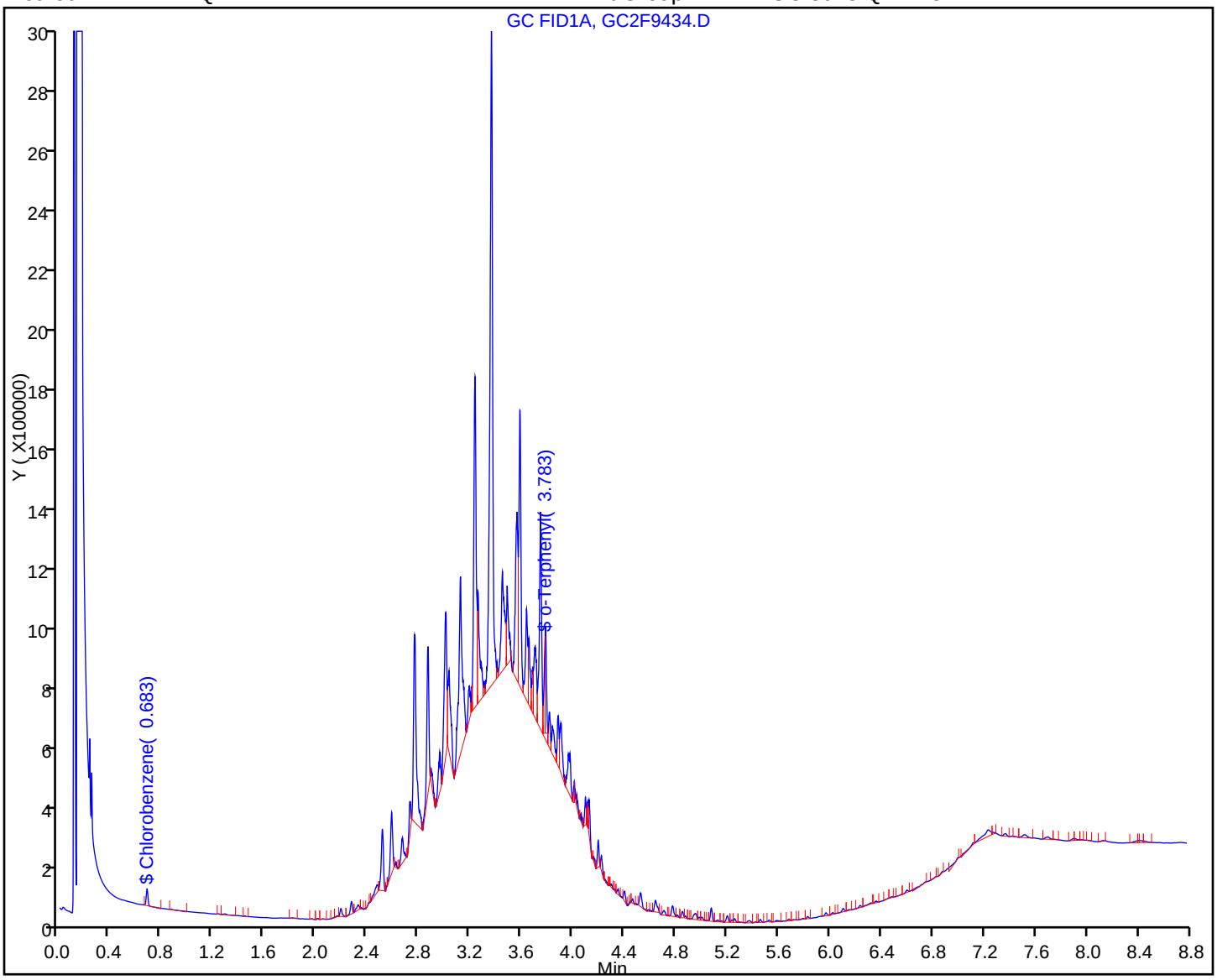
Processing Flags
k - Response Background Subtracted

Review Flags
M - Manually Integrated

Report Date: 13-Mar-2014 11:08:26 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9434.D				
Injection Date:	12-Mar-2014 14:54:49	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-17-B	Lab Sample ID:	460-72174-17		
Client ID:	PMP-2SW-WT				
Operator ID:		ALS Bottle#:	44	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



Manual Integration/User Assign Peak Report

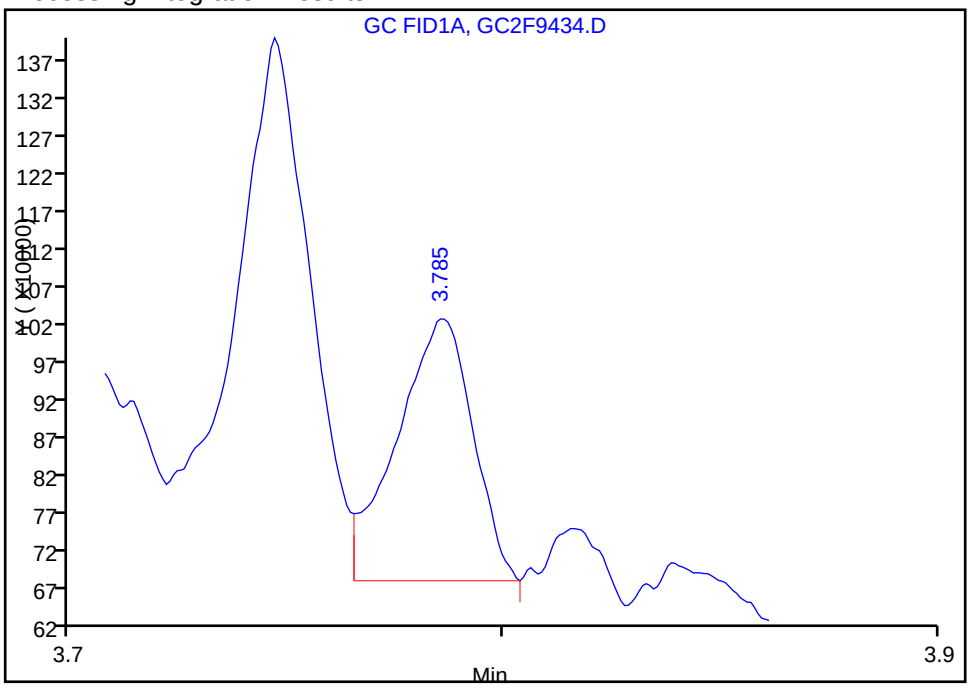
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9434.D				
Injection Date:	12-Mar-2014 14:54:49	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-17-B	Lab Sample ID:	460-72174-17		
Client ID:	PMP-2SW-WT				
Operator ID:		ALS Bottle#:	44	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		
Column:		Detector	GC FID2B		

$ 4 o-Terphenyl, CAS: 84-15-1

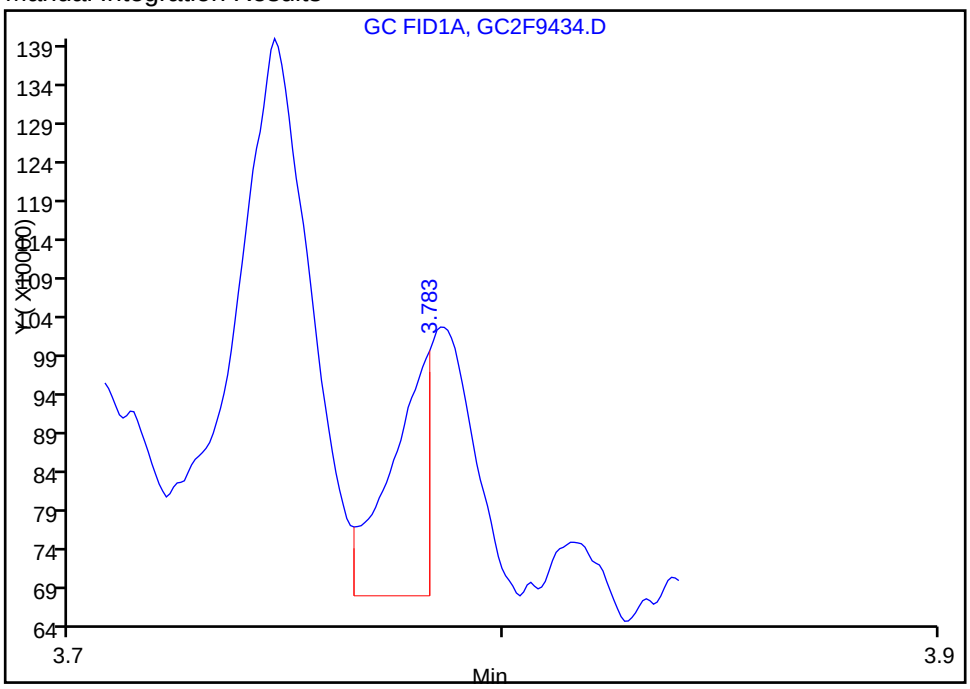
Processing Integration Results

RT: 3.79
Response: 418795
Amount: 8.697195



Manual Integration Results

RT: 3.78
Response: 188247
Amount: 3.909361



Reviewer: nimerd, 13-Mar-2014 11:08:19
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-2SW-SI Lab Sample ID: 460-72174-18

Matrix: Solid Lab File ID: GC2F9435.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 11:55

Extraction Method: 3546 Date Extracted: 03/10/2014 14:38

Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 15:08

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 12.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.3	U	6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	50		50-105
108-90-7	Chlorobenzene	49		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9435.D
Lims ID: 460-72174-F-18-B Lab Sample ID: 460-72174-18
Client ID: PMP-2SW-SI
Sample Type: Client
Inject. Date: 12-Mar-2014 15:08:20 ALS Bottle#: 45 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-029
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:10:03 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 11:10:10

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.682	0.676	0.006	231997	9.80	
$ 4 o-Terphenyl					M
3.779	3.782	-0.003	485894	10.1	M

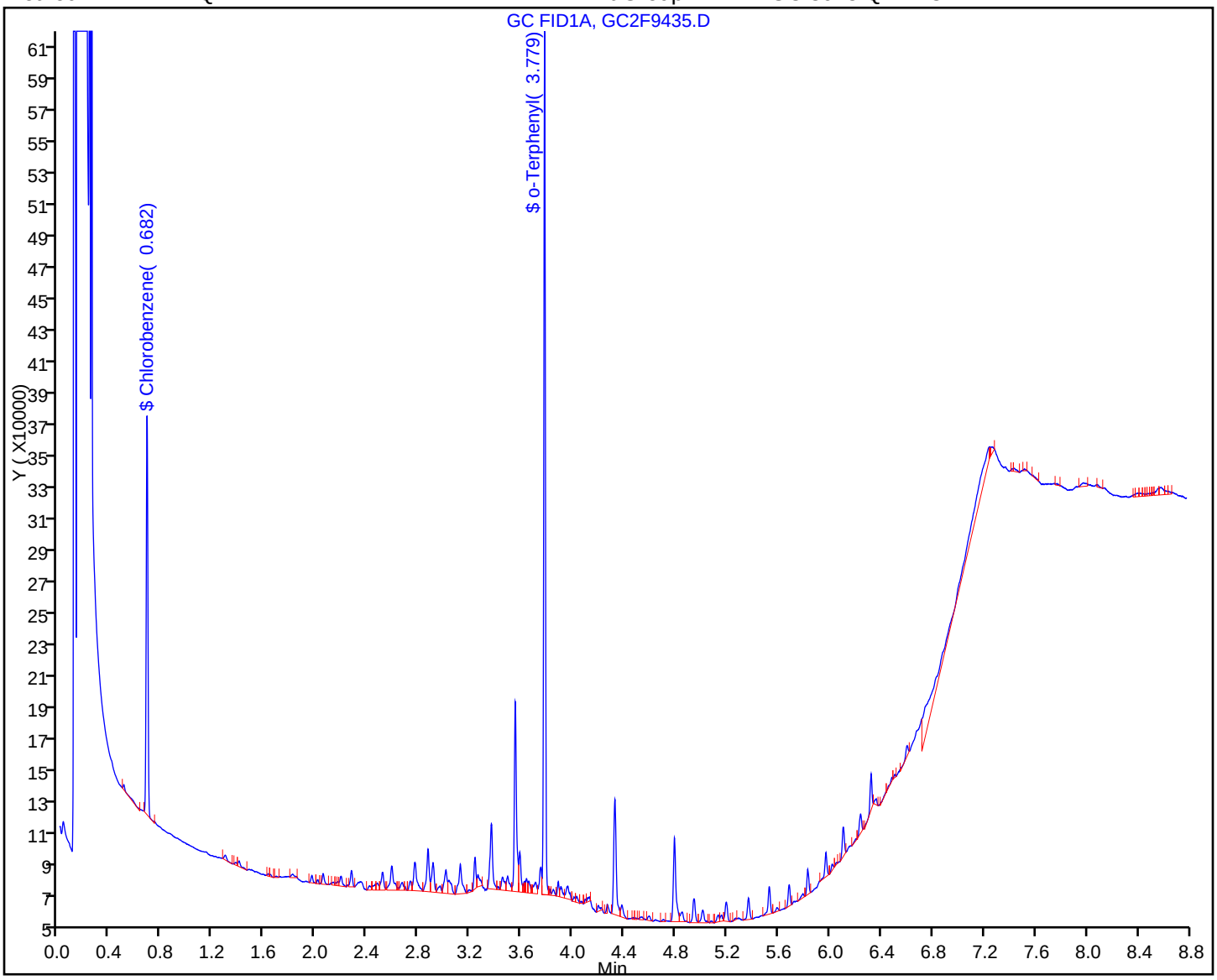
QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 13-Mar-2014 11:10:11 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9435.D				
Injection Date:	12-Mar-2014 15:08:20	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-18-B	Lab Sample ID:	460-72174-18		
Client ID:	PMP-2SW-SI				
Operator ID:		ALS Bottle#:	45	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



Manual Integration/User Assign Peak Report

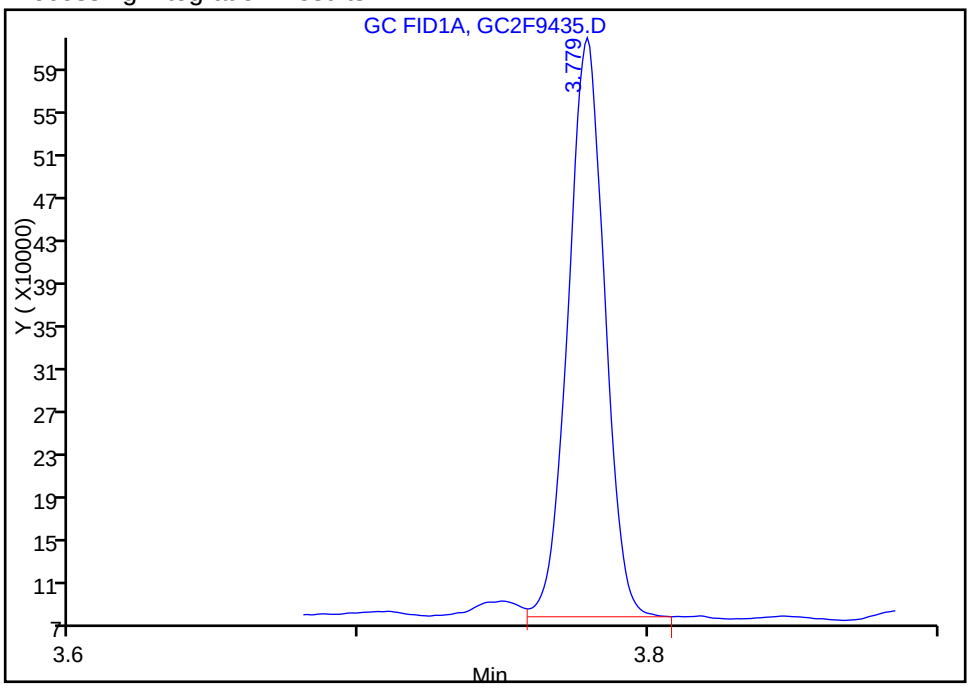
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9435.D				
Injection Date:	12-Mar-2014 15:08:20	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-18-B	Lab Sample ID:	460-72174-18		
Client ID:	PMP-2SW-SI				
Operator ID:		ALS Bottle#:	45	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		
Column:		Detector	GC FID2B		

$ 4 o-Terphenyl, CAS: 84-15-1

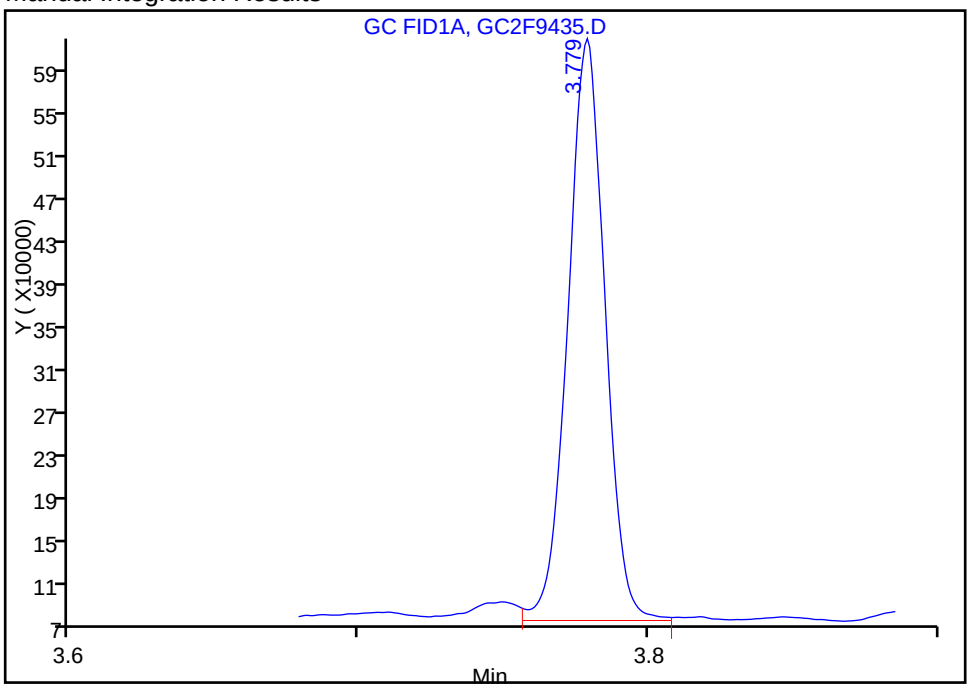
Processing Integration Results

RT: 3.78
Response: 476683
Amount: 9.899366



Manual Integration Results

RT: 3.78
Response: 485894
Amount: 10.090653



Reviewer: nimerd, 13-Mar-2014 11:10:03
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-VS Lab Sample ID: 460-72174-19

Matrix: Solid Lab File ID: GC2F9436.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 12:25

Extraction Method: 3546 Date Extracted: 03/10/2014 14:38

Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 15:21

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 6.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1300		59	59

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9436.D
Lims ID: 460-72174-F-19-B Lab Sample ID: 460-72174-19
Client ID: PMP-24SW-VS
Sample Type: Client
Inject. Date: 12-Mar-2014 15:21:53 ALS Bottle#: 46 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0010762-030
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:28 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:45:44

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
3.770	0.393 -	7.147	49348431	1847.2	k

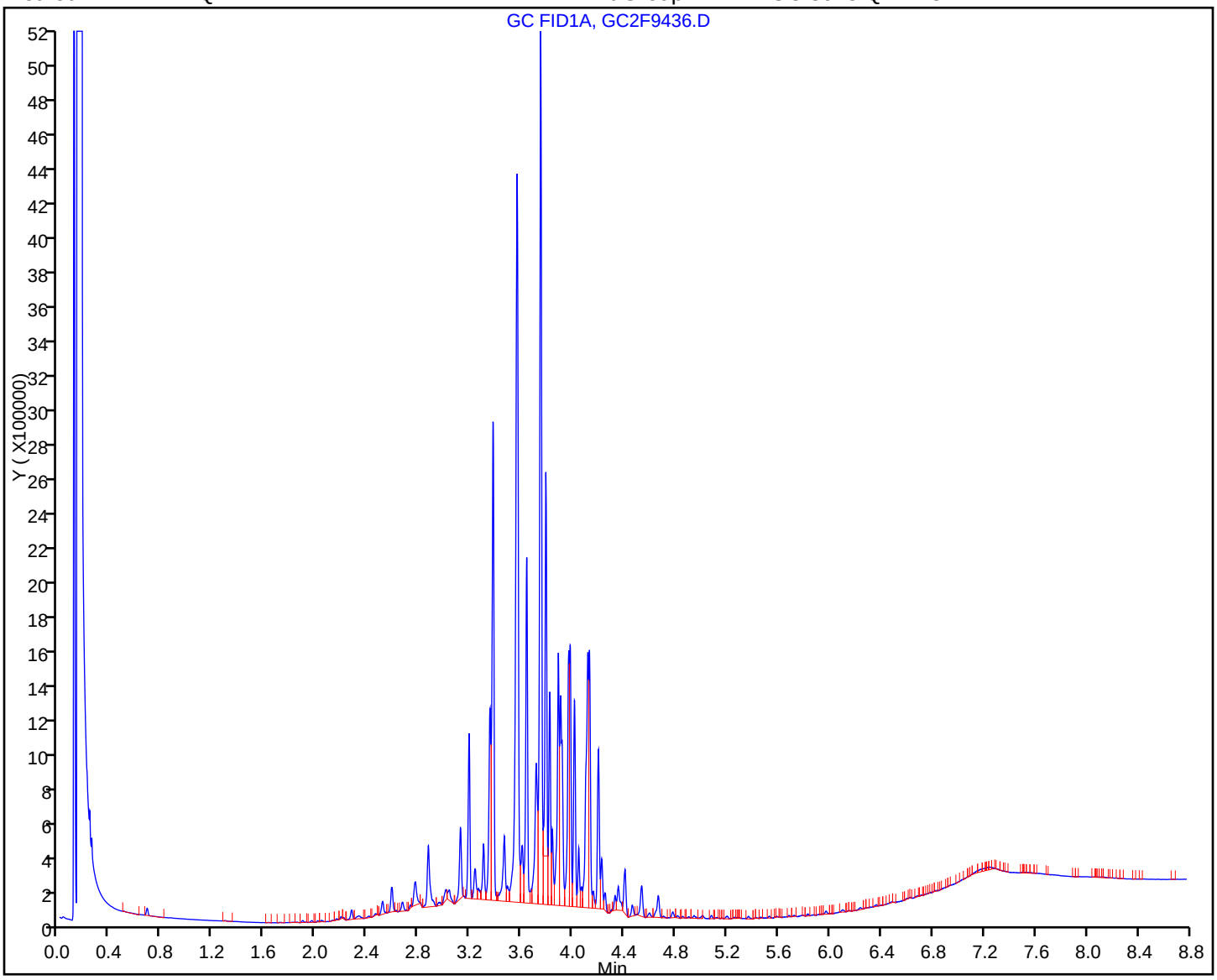
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:31 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9436.D				
Injection Date:	12-Mar-2014 15:21:53	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-19-B	Lab Sample ID:	460-72174-19		
Client ID:	PMP-24SW-VS				
Operator ID:		ALS Bottle#:	46	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-VD Lab Sample ID: 460-72174-20

Matrix: Solid Lab File ID: GC2F9437.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 12:30

Extraction Method: 3546 Date Extracted: 03/10/2014 14:38

Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 15:35

Con. Extract Vol.: 1(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 12.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	3700		130	130

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9437.D
Lims ID: 460-72174-F-20-B Lab Sample ID: 460-72174-20
Client ID: PMP-24SW-VD
Sample Type: Client
Inject. Date: 12-Mar-2014 15:35:30 ALS Bottle#: 47 Worklist Smp#: 31
Injection Vol: 1.0 ul Dil. Factor: 20.0000
Sample Info: 460-0010762-031
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:28 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:45:50

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
3.770	0.393 -	7.147	64396607	2410.4	k

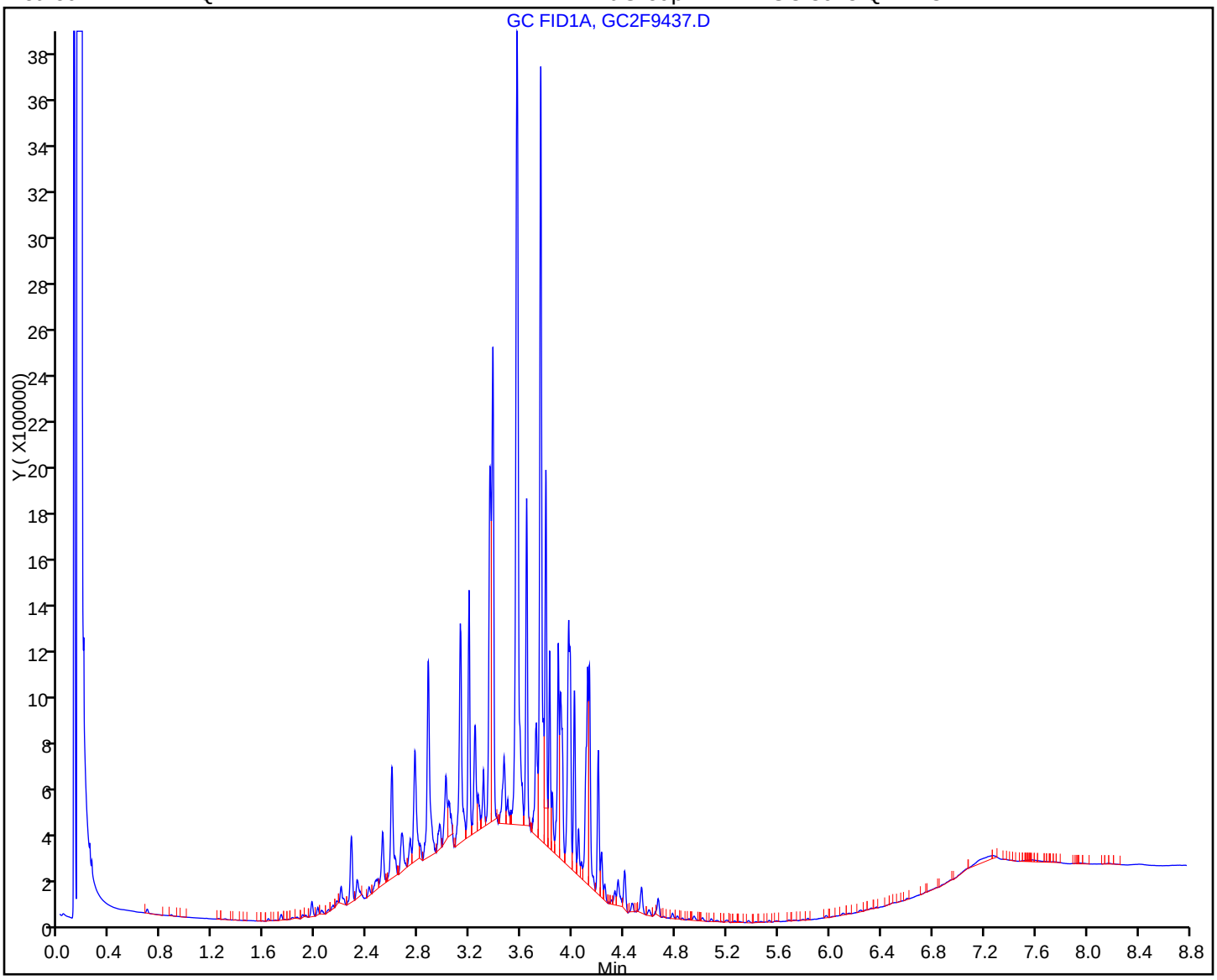
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:32 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9437.D				
Injection Date:	12-Mar-2014 15:35:30	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-20-B	Lab Sample ID:	460-72174-20		
Client ID:	PMP-24SW-VD				
Operator ID:		ALS Bottle#:	47	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	20.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SD Lab Sample ID: 460-72174-21

Matrix: Solid Lab File ID: GC2F9445.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 15:30

Extraction Method: 3546 Date Extracted: 03/10/2014 14:48

Sample wt/vol: 15.04(g) Date Analyzed: 03/12/2014 17:24

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 18.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.7	U	6.7	6.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	69		50-105
108-90-7	Chlorobenzene	71		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9445.D
Lims ID: 460-72174-F-21-D Lab Sample ID: 460-72174-21
Client ID: PMP-10SW-SD
Sample Type: Client
Inject. Date: 12-Mar-2014 17:24:19 ALS Bottle#: 53 Worklist Smp#: 39
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-039
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:33 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

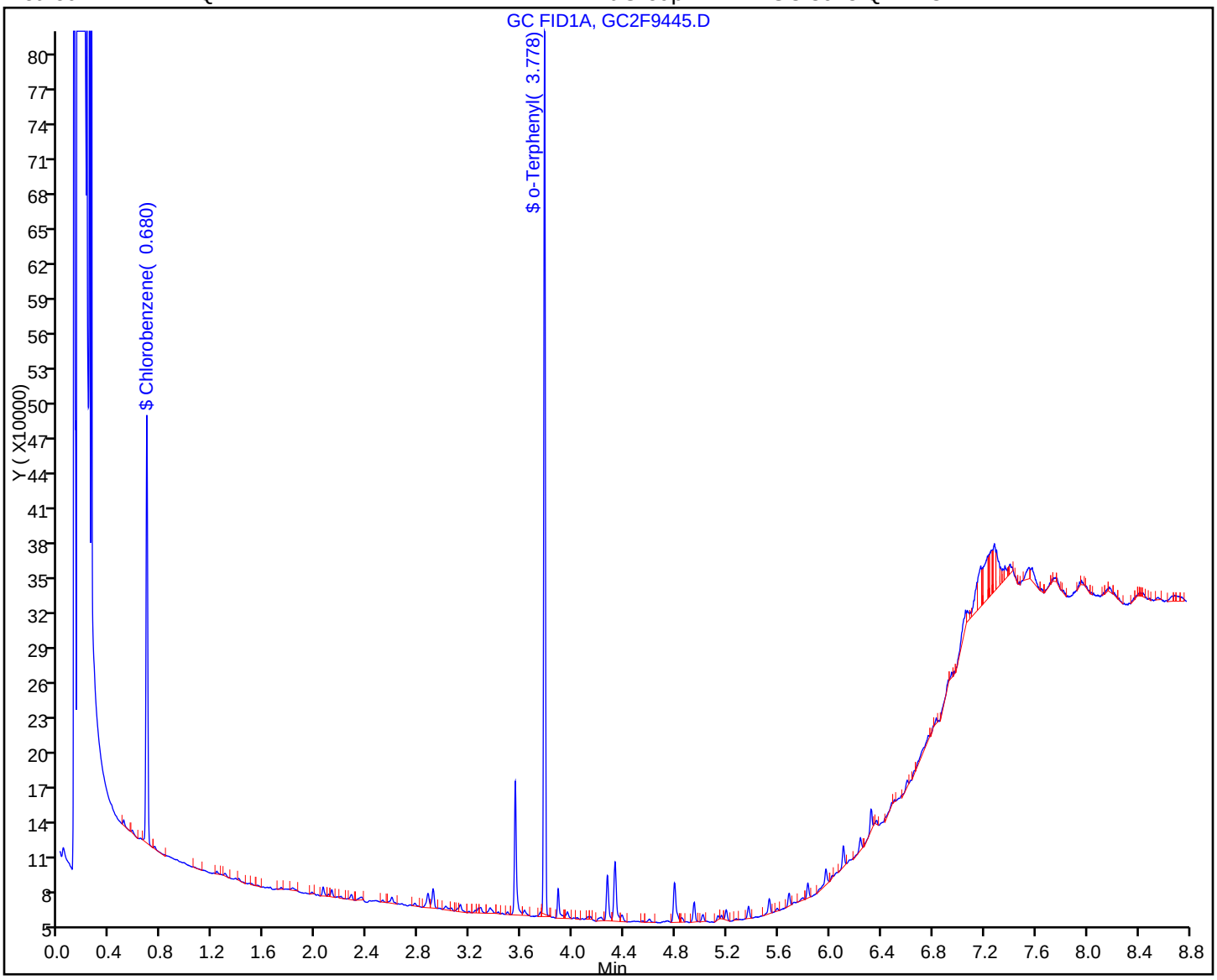
First Level Reviewer: nimerd Date: 13-Mar-2014 10:46:54

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.680	0.676	0.004	336346	14.2	
$ 4 o-Terphenyl					
3.778	3.782	-0.004	665399	13.8	

Report Date: 13-Mar-2014 11:01:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9445.D				
Injection Date:	12-Mar-2014 17:24:19	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-21-D	Lab Sample ID:	460-72174-21		
Client ID:	PMP-10SW-SD				
Operator ID:		ALS Bottle#:	53	Worklist Smp#:	39
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-WT Lab Sample ID: 460-72174-22

Matrix: Solid Lab File ID: GC2F9446.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 16:15

Extraction Method: 3546 Date Extracted: 03/10/2014 14:48

Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 17:37

Con. Extract Vol.: 1(mL) Dilution Factor: 50

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	9700		320	320

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9446.D
Lims ID: 460-72174-F-22-B Lab Sample ID: 460-72174-22
Client ID: PMP-13SW-WT
Sample Type: Client
Inject. Date: 12-Mar-2014 17:37:50 ALS Bottle#: 54 Worklist Smp#: 40
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info: 460-0010762-040
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:33 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:47:03

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
3.770	0.393 -	7.147	68003661	2545.4	k

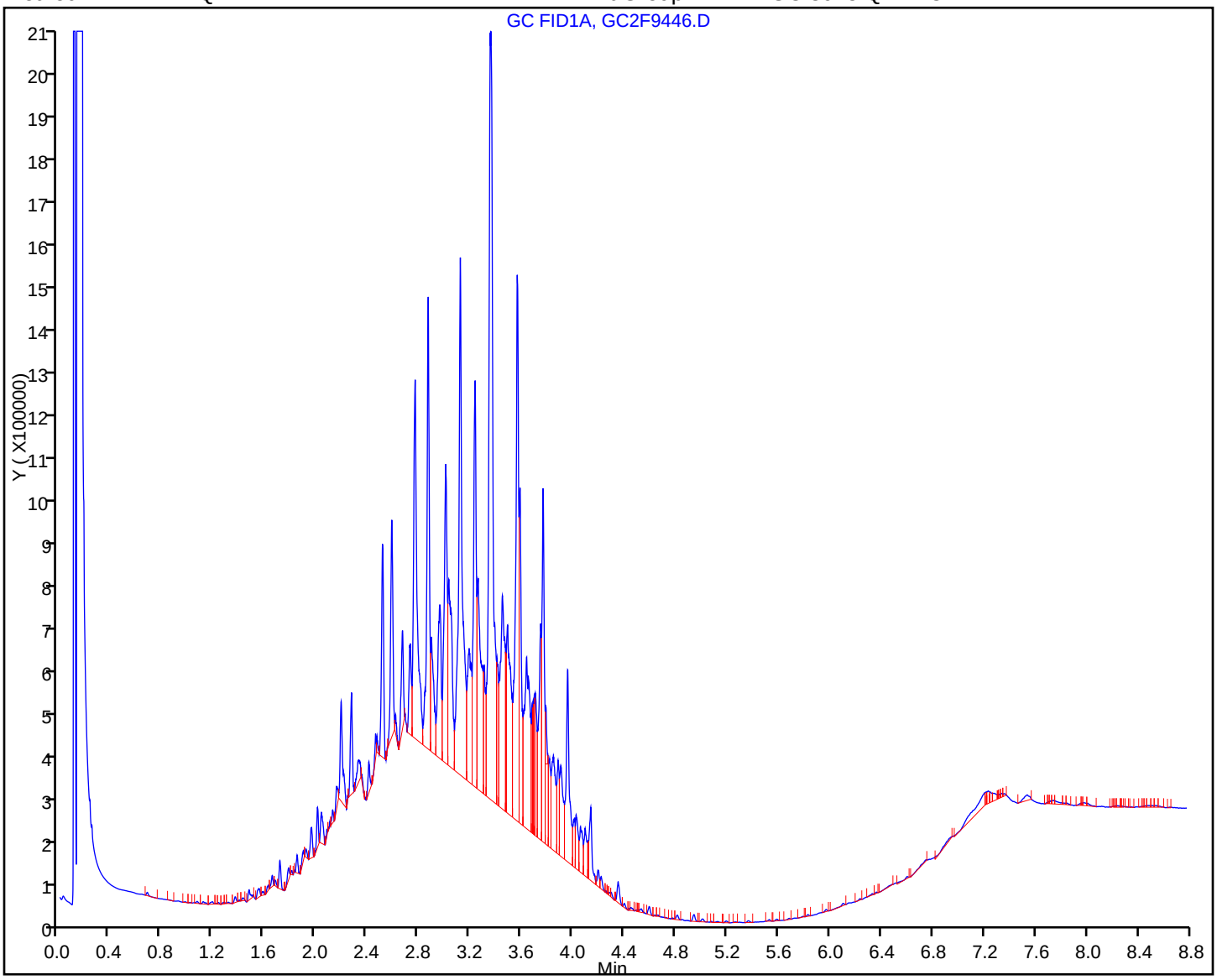
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:39 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9446.D				
Injection Date:	12-Mar-2014 17:37:50	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-22-B	Lab Sample ID:	460-72174-22		
Client ID:	PMP-13SW-WT				
Operator ID:		ALS Bottle#:	54	Worklist Smp#:	40
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-SI Lab Sample ID: 460-72174-23

Matrix: Solid Lab File ID: GC2F9447.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 16:20

Extraction Method: 3546 Date Extracted: 03/10/2014 14:48

Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 17:51

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 10.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.1	U	6.1	6.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	71		50-105
108-90-7	Chlorobenzene	73		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9447.D
Lims ID: 460-72174-F-23-B Lab Sample ID: 460-72174-23
Client ID: PMP-13SW-SI
Sample Type: Client
Inject. Date: 12-Mar-2014 17:51:29 ALS Bottle#: 55 Worklist Smp#: 41
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-041
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:33 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

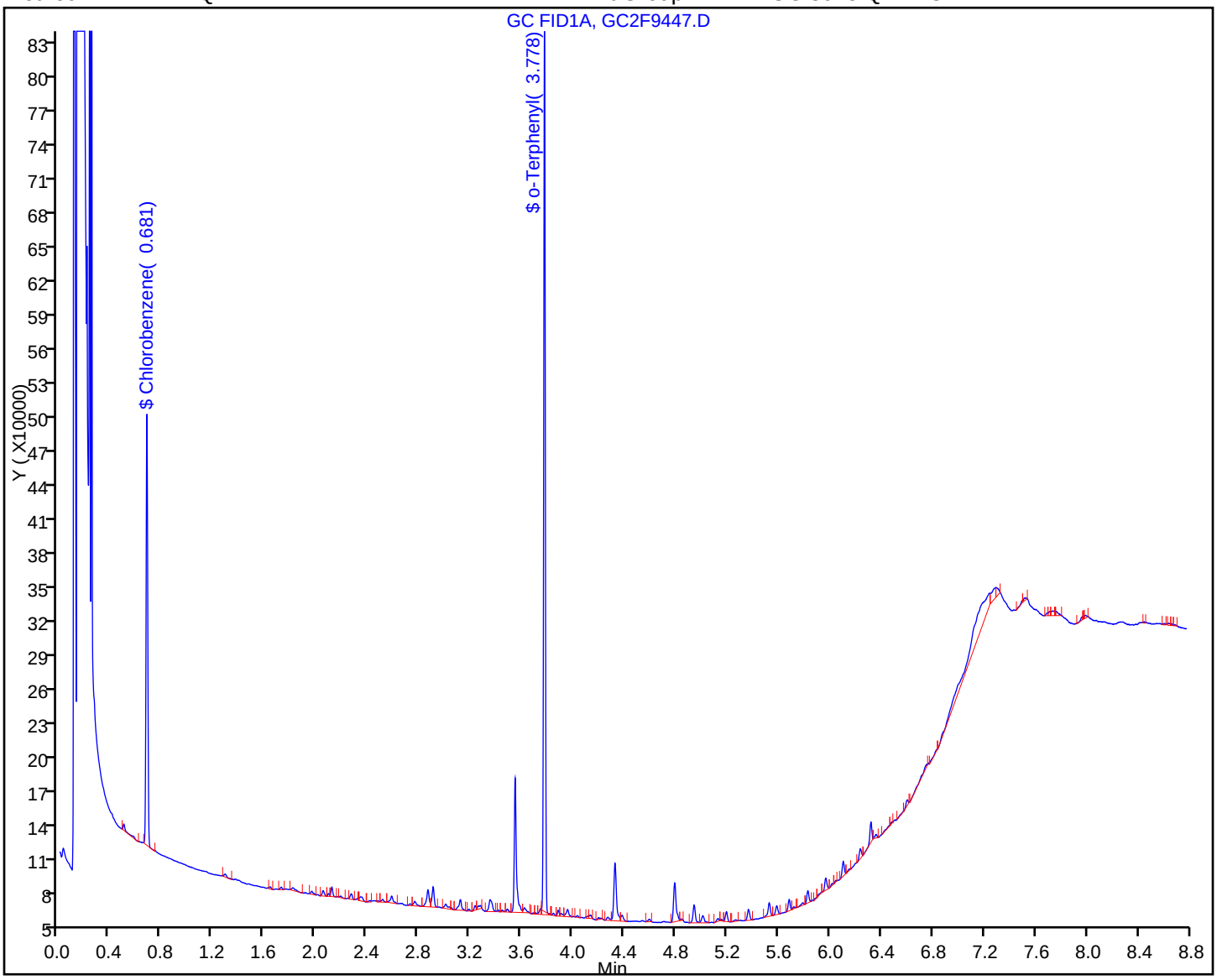
First Level Reviewer: nimerd Date: 13-Mar-2014 10:47:08

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.681	0.676	0.005	344881	14.6	
$ 4 o-Terphenyl					
3.778	3.782	-0.004	680977	14.1	

Report Date: 13-Mar-2014 11:01:40 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9447.D				
Injection Date:	12-Mar-2014 17:51:29	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-23-B	Lab Sample ID:	460-72174-23		
Client ID:	PMP-13SW-SI				
Operator ID:		ALS Bottle#:	55	Worklist Smp#:	41
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-13SW-SD Lab Sample ID: 460-72174-24

Matrix: Solid Lab File ID: GC2F9448.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 16:25

Extraction Method: 3546 Date Extracted: 03/10/2014 14:48

Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 18:05

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 18.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	140		6.8	6.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	72		50-105
108-90-7	Chlorobenzene	64		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9448.D
Lims ID: 460-72174-F-24-B Lab Sample ID: 460-72174-24
Client ID: PMP-13SW-SD
Sample Type: Client
Inject. Date: 12-Mar-2014 18:05:10 ALS Bottle#: 56 Worklist Smp#: 42
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-042
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:33 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:47:13

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.683	0.676	0.007	301823	12.8	
A	3 C8-C40					
	3.770	0.393 -	7.147	45019491	1685.1	k
$	4 o-Terphenyl					
	3.777	3.782	-0.005	693618	14.4	

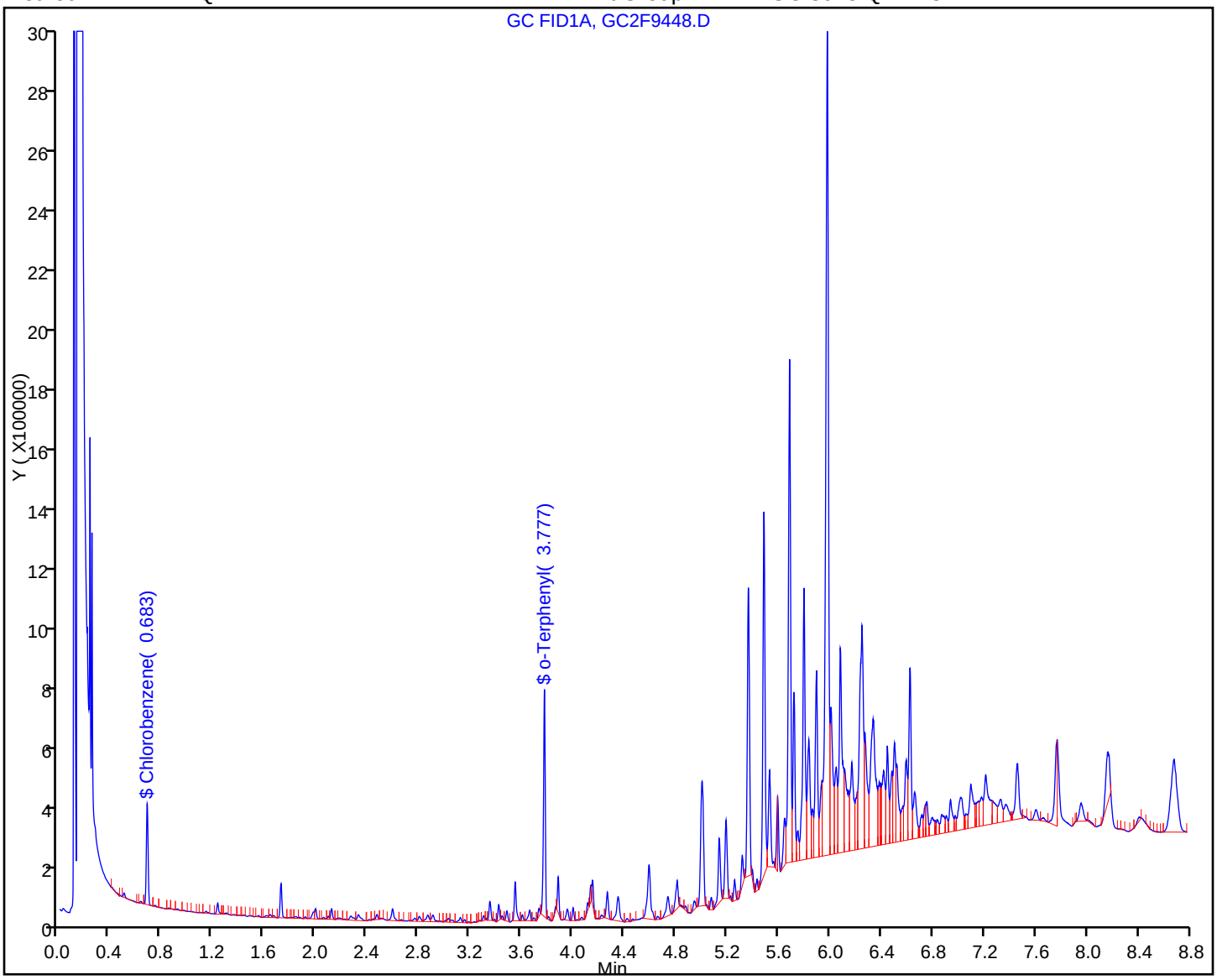
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:41 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9448.D				
Injection Date:	12-Mar-2014 18:05:10	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-24-B	Lab Sample ID:	460-72174-24		
Client ID:	PMP-13SW-SD				
Operator ID:		ALS Bottle#:	56	Worklist Smp#:	42
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-VD Lab Sample ID: 460-72174-25

Matrix: Solid Lab File ID: GC2F9444.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 16:45

Extraction Method: 3546 Date Extracted: 03/10/2014 14:48

Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 17:10

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	170		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	78		50-105
108-90-7	Chlorobenzene	76		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9444.D
Lims ID: 460-72174-F-25-D Lab Sample ID: 460-72174-25
Client ID: PMP-28SW-VD
Sample Type: Client
Inject. Date: 12-Mar-2014 17:10:50 ALS Bottle#: 52 Worklist Smp#: 38
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-038
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:33 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.683	0.676	0.007	359178	15.2	
A 3 C8-C40					
3.770	0.393 -	7.147	65562290	2454.1	k
$ 4 o-Terphenyl					
3.779	3.782	-0.003	749476	15.6	

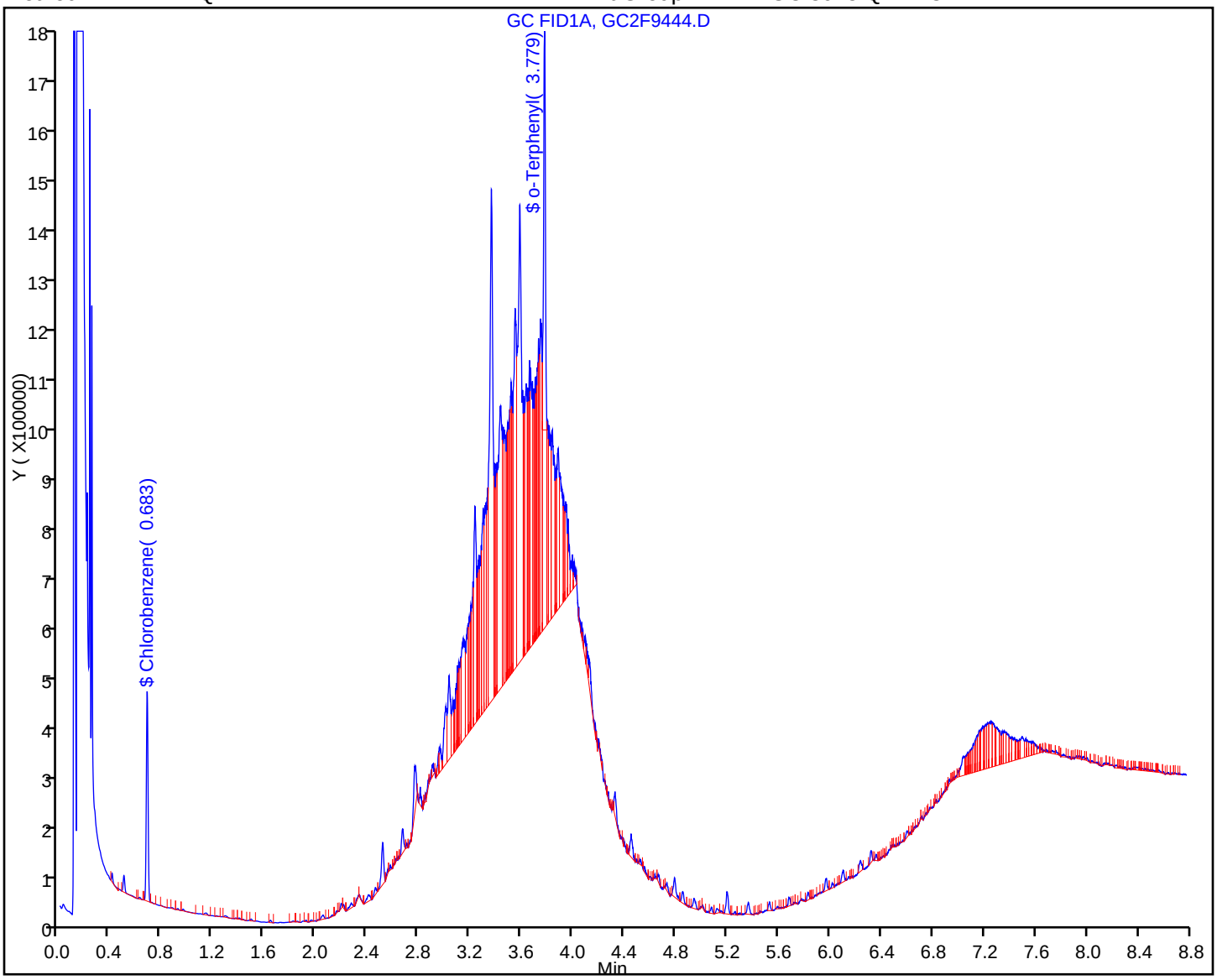
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:38 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9444.D				
Injection Date:	12-Mar-2014 17:10:50	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-25-D	Lab Sample ID:	460-72174-25		
Client ID:	PMP-28SW-VD				
Operator ID:		ALS Bottle#:	52	Worklist Smp#:	38
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-WT Lab Sample ID: 460-72174-26

Matrix: Solid Lab File ID: GC2F9449.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 16:40

Extraction Method: 3546 Date Extracted: 03/10/2014 14:48

Sample wt/vol: 15.04(g) Date Analyzed: 03/12/2014 18:18

Con. Extract Vol.: 1(mL) Dilution Factor: 25

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5800		160	160

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9449.D
Lims ID: 460-72174-F-26-B Lab Sample ID: 460-72174-26
Client ID: PMP-28SW-WT
Sample Type: Client
Inject. Date: 12-Mar-2014 18:18:48 ALS Bottle#: 57 Worklist Smp#: 43
Injection Vol: 1.0 ul Dil. Factor: 25.0000
Sample Info: 460-0010762-043
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:33 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:47:23

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
3.770	0.393 -	7.147	80057595	2996.6	k

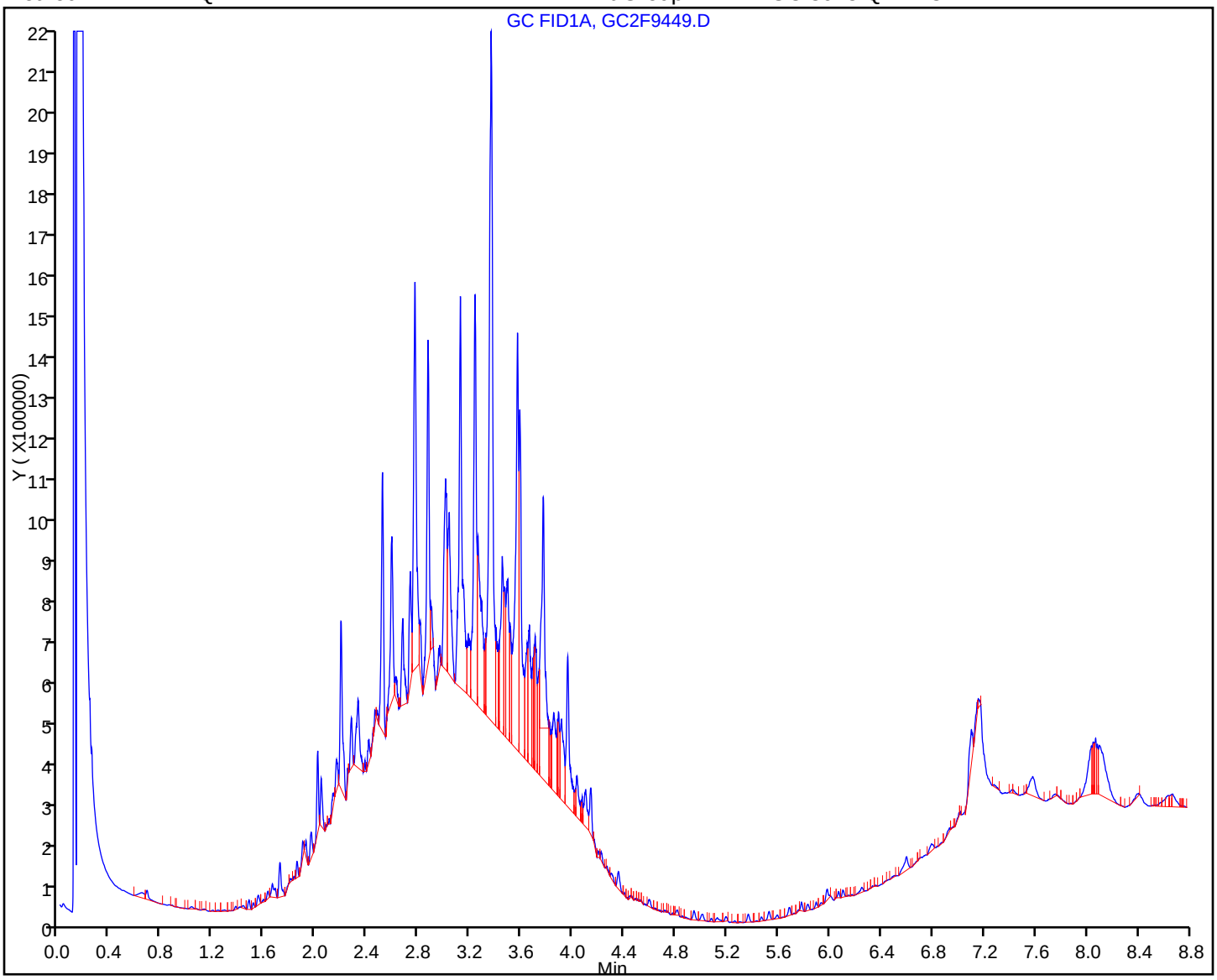
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:41 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9449.D				
Injection Date:	12-Mar-2014 18:18:48	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-26-B	Lab Sample ID:	460-72174-26		
Client ID:	PMP-28SW-WT				
Operator ID:		ALS Bottle#:	57	Worklist Smp#:	43
Injection Vol:	1.0 ul	Dil. Factor:	25.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-SI Lab Sample ID: 460-72174-27

Matrix: Solid Lab File ID: GC2F9452.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 16:50

Extraction Method: 3546 Date Extracted: 03/10/2014 14:48

Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 18:59

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 14.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.4	U	6.4	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	68		50-105
108-90-7	Chlorobenzene	67		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9452.D
Lims ID: 460-72174-F-27-B Lab Sample ID: 460-72174-27
Client ID: PMP-28SW-SI
Sample Type: Client
Inject. Date: 12-Mar-2014 18:59:42 ALS Bottle#: 58 Worklist Smp#: 46
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-046
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:42 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

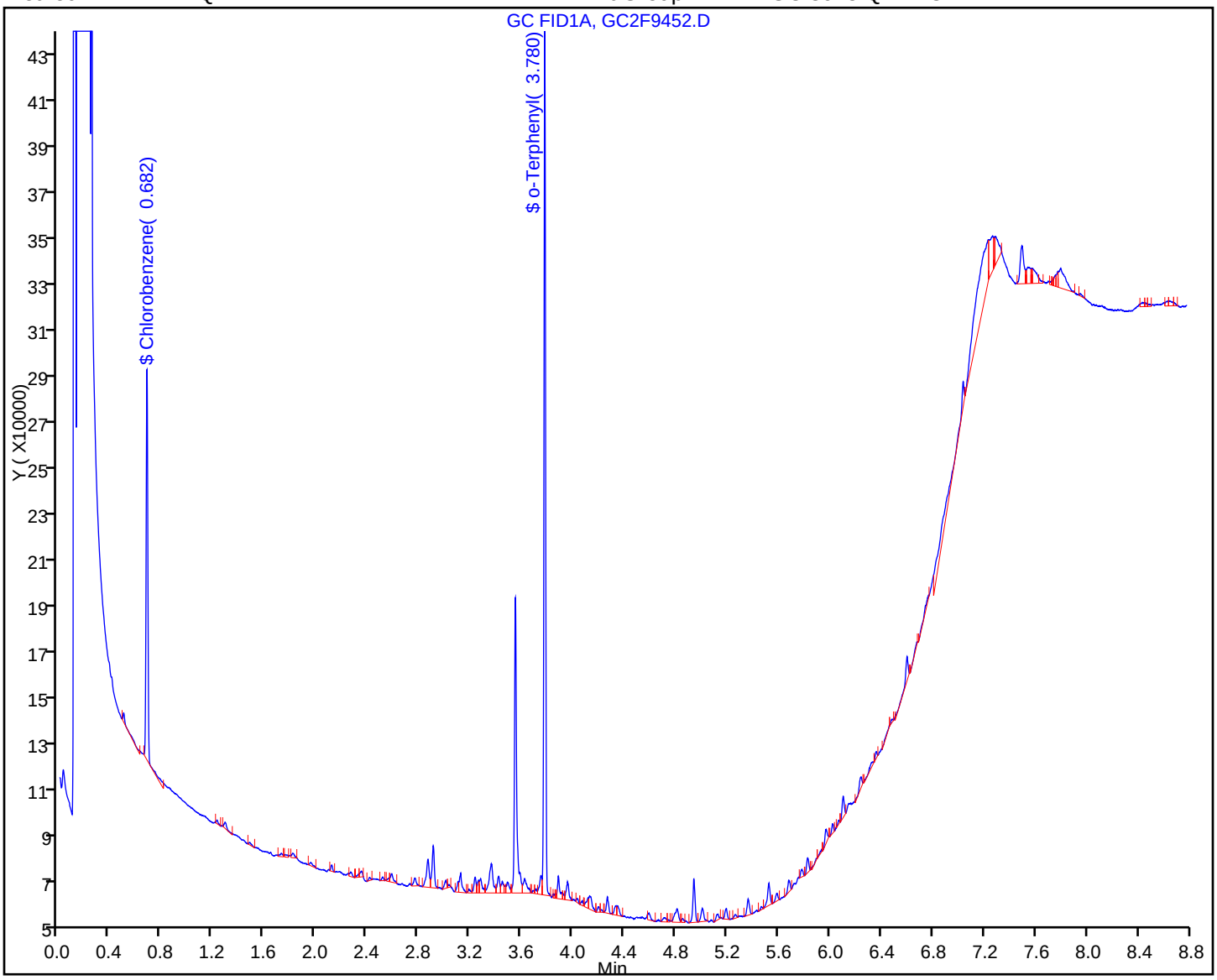
First Level Reviewer: nimerd Date: 13-Mar-2014 10:48:51

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.682	0.676	0.006	157536	6.66	
$ 4 o-Terphenyl					
3.780	3.782	-0.002	325412	6.76	

Report Date: 13-Mar-2014 11:01:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9452.D				
Injection Date:	12-Mar-2014 18:59:42	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-27-B	Lab Sample ID:	460-72174-27		
Client ID:	PMP-28SW-SI				
Operator ID:		ALS Bottle#:	58	Worklist Smp#:	46
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: FB-030614 Lab Sample ID: 460-72174-28

Matrix: Water Lab File ID: GC2F9331.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 18:15

Extraction Method: 3510C Date Extracted: 03/09/2014 10:24

Sample wt/vol: 990(mL) Date Analyzed: 03/11/2014 09:47

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 211769 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.083	U	0.083	0.083

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	84		51-123
108-90-7	Chlorobenzene	88		42-93

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140311-10689.b\GC2F9331.D
Lims ID: 460-72174-J-28-A Lab Sample ID: 460-72174-28
Client ID: FB-030614
Sample Type: Client
Inject. Date: 11-Mar-2014 09:47:07 ALS Bottle#: 14 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010689-012
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140311-10689.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 10:30:41 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

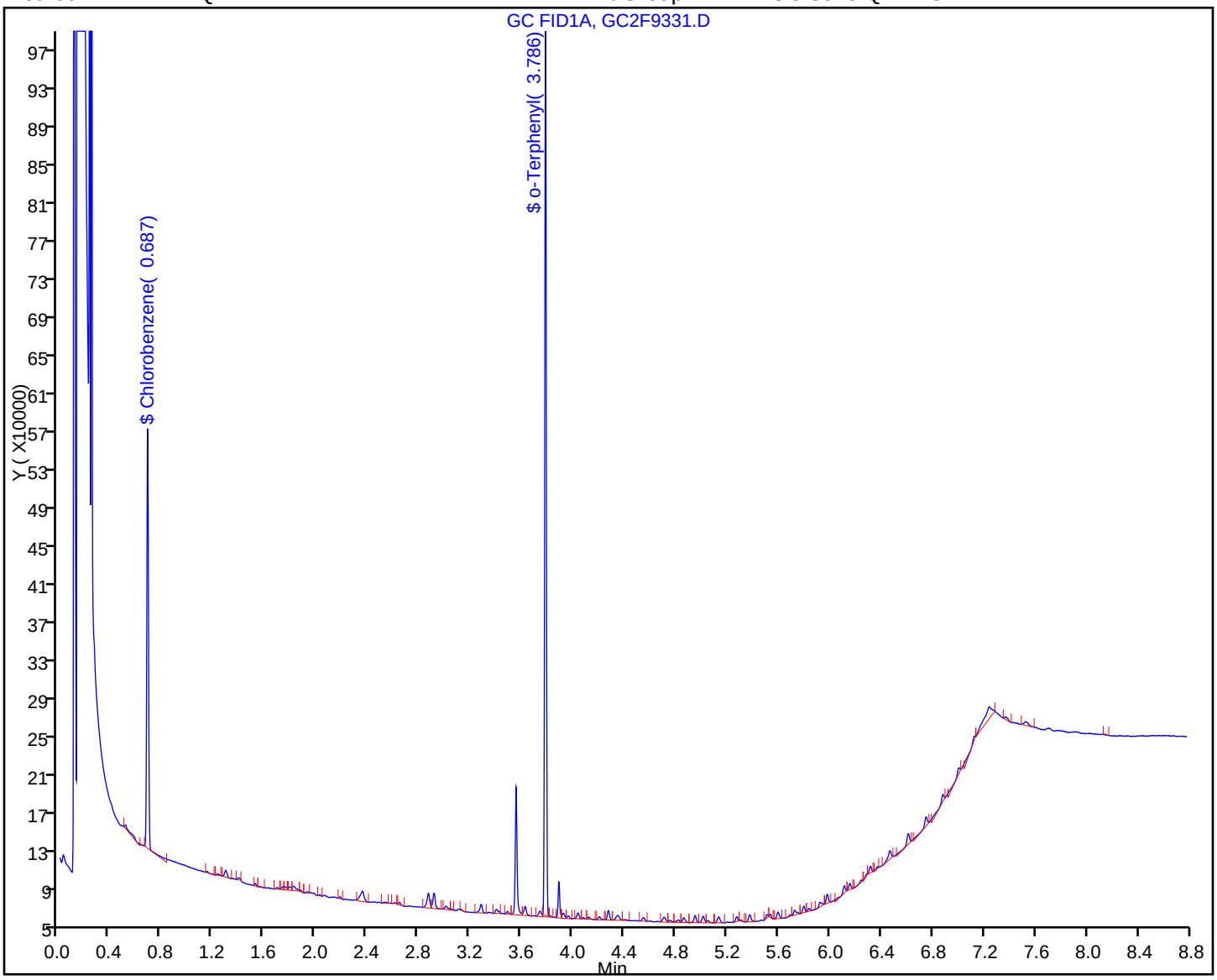
First Level Reviewer: kimh Date: 11-Mar-2014 12:09:33

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.687	0.686	0.001	415763	17.6	
$ 4 o-Terphenyl					
3.786	3.785	0.001	812212	16.9	

Report Date: 13-Mar-2014 10:30:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140311-10689.b\GC2F9331.D				
Injection Date:	11-Mar-2014 09:47:07	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-J-28-A	Lab Sample ID:	460-72174-28		
Client ID:	FB-030614				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-WT Lab Sample ID: 460-72174-29

Matrix: Solid Lab File ID: GC2F9453.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 12:35

Extraction Method: 3546 Date Extracted: 03/10/2014 14:48

Sample wt/vol: 15.05(g) Date Analyzed: 03/12/2014 19:13

Con. Extract Vol.: 1(mL) Dilution Factor: 50

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 11.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	7600		310	310

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9453.D
Lims ID: 460-72174-F-29-B Lab Sample ID: 460-72174-29
Client ID: PMP-24SW-WT
Sample Type: Client
Inject. Date: 12-Mar-2014 19:13:26 ALS Bottle#: 59 Worklist Smp#: 47
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info: 460-0010762-047
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:42 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:49:26

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
3.770	0.393 -	7.147	54678939	2046.7	k

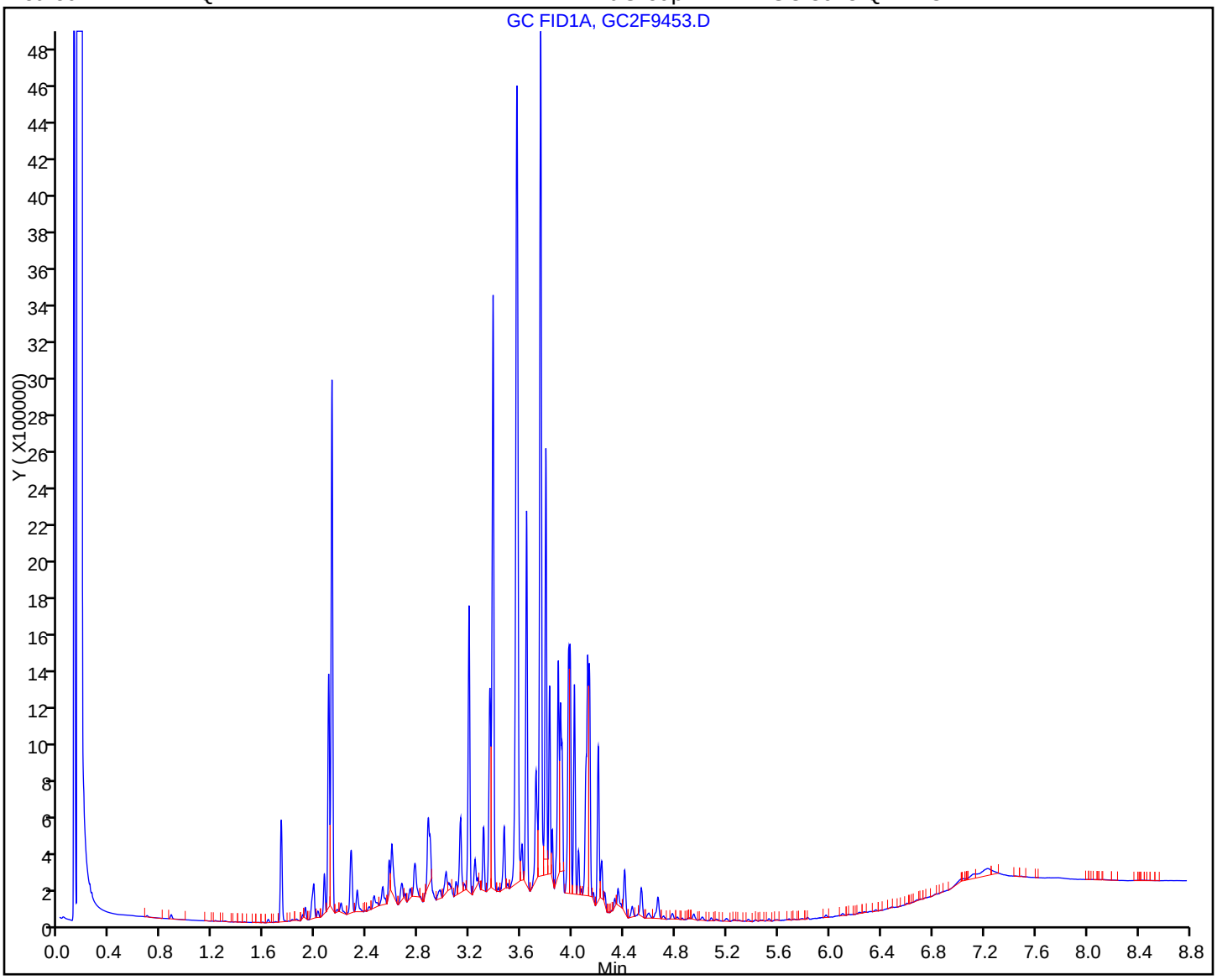
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9453.D				
Injection Date:	12-Mar-2014 19:13:26	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-29-B	Lab Sample ID:	460-72174-29		
Client ID:	PMP-24SW-WT				
Operator ID:		ALS Bottle#:	59	Worklist Smp#:	47
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-24SW-SI Lab Sample ID: 460-72174-30

Matrix: Solid Lab File ID: GC2F9454.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 12:40

Extraction Method: 3546 Date Extracted: 03/10/2014 14:48

Sample wt/vol: 15.05(g) Date Analyzed: 03/12/2014 19:27

Con. Extract Vol.: 1(mL) Dilution Factor: 25

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 12.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5900		160	160

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9454.D
Lims ID: 460-72174-F-30-B Lab Sample ID: 460-72174-30
Client ID: PMP-24SW-SI
Sample Type: Client
Inject. Date: 12-Mar-2014 19:27:02 ALS Bottle#: 60 Worklist Smp#: 48
Injection Vol: 1.0 ul Dil. Factor: 25.0000
Sample Info: 460-0010762-048
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:42 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:49:31

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
3.770	0.393 -	7.147	82316072	3081.2	k

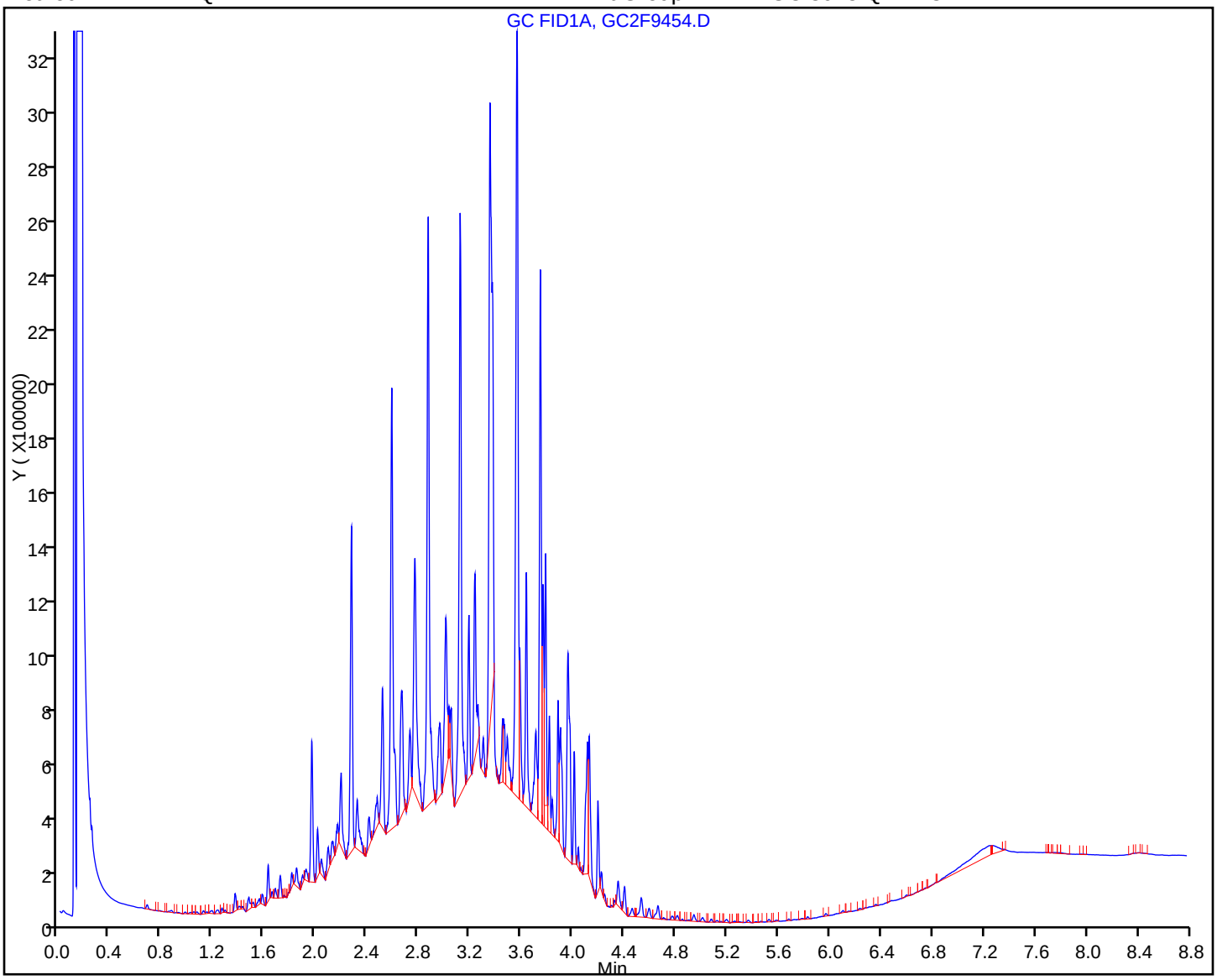
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9454.D				
Injection Date:	12-Mar-2014 19:27:02	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-30-B	Lab Sample ID:	460-72174-30		
Client ID:	PMP-24SW-SI				
Operator ID:		ALS Bottle#:	60	Worklist Smp#:	48
Injection Vol:	1.0 ul	Dil. Factor:	25.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-VD Lab Sample ID: 460-72174-31

Matrix: Solid Lab File ID: GC2F9455.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 13:50

Extraction Method: 3546 Date Extracted: 03/10/2014 14:48

Sample wt/vol: 15.05(g) Date Analyzed: 03/12/2014 19:40

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 7.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	610		30	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	185	X	50-105
108-90-7	Chlorobenzene	58		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9455.D
Lims ID: 460-72174-F-31-B Lab Sample ID: 460-72174-31
Client ID: PMP-7SW-VD
Sample Type: Client
Inject. Date: 12-Mar-2014 19:40:39 ALS Bottle#: 61 Worklist Smp#: 49
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0010762-049
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:42 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:51:44

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					M
0.683	0.676	0.007	54657	2.31	M
A 3 C8-C40					
3.770	0.393 -	7.147	45092038	1687.8	k
$ 4 o-Terphenyl					M
3.786	3.782	0.004	355783	7.39	M

QC Flag Legend

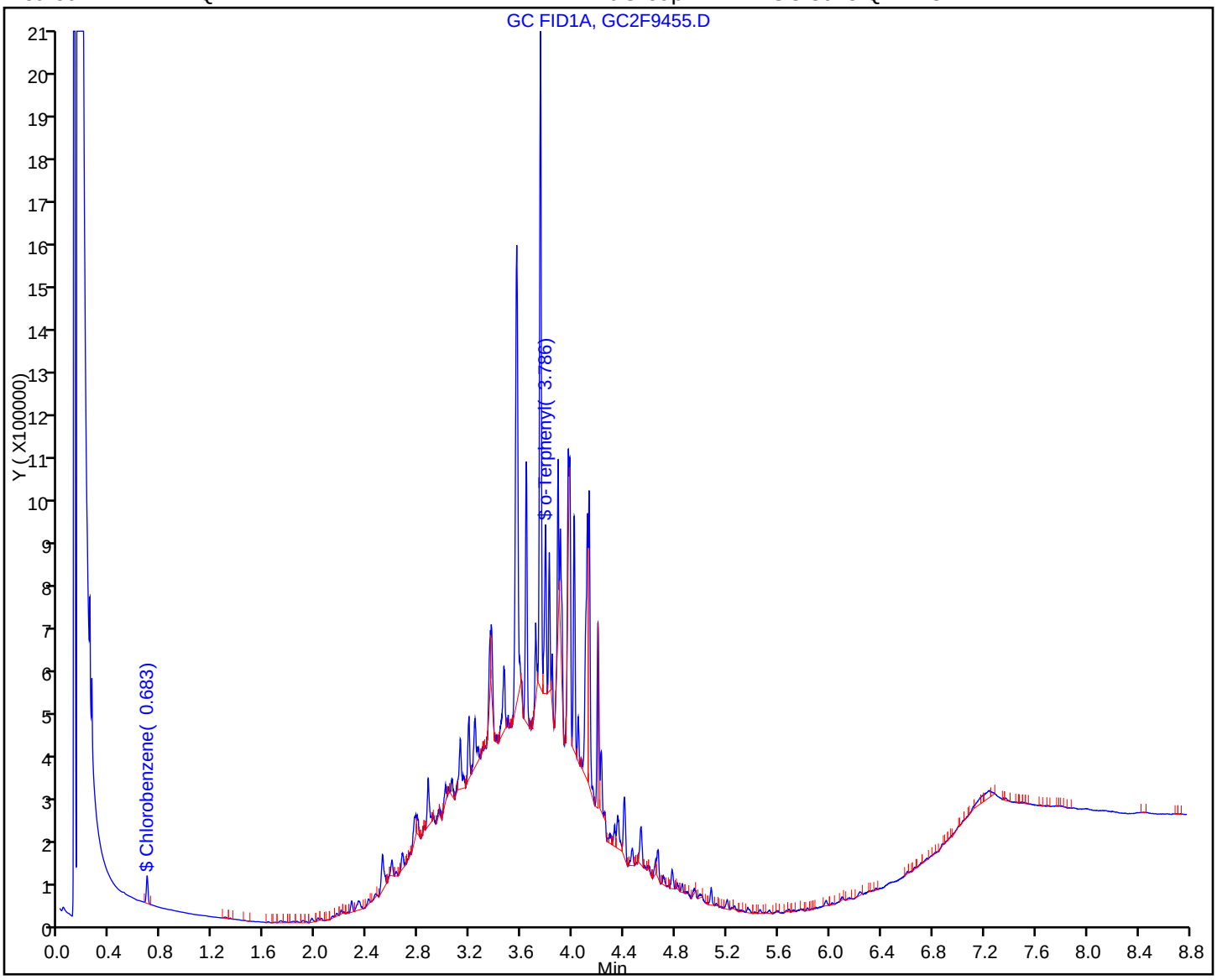
Processing Flags
k - Response Background Subtracted

Review Flags
M - Manually Integrated

Report Date: 13-Mar-2014 11:01:45 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9455.D				
Injection Date:	12-Mar-2014 19:40:39	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-31-B	Lab Sample ID:	460-72174-31		
Client ID:	PMP-7SW-VD				
Operator ID:		ALS Bottle#:	61	Worklist Smp#:	49
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



Manual Integration/User Assign Peak Report

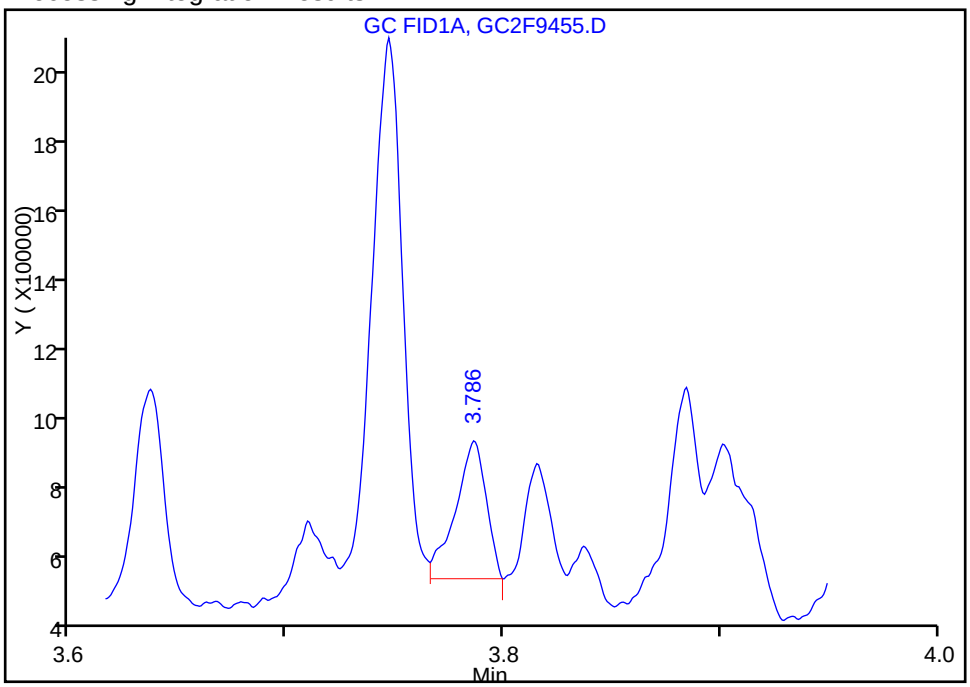
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9455.D				
Injection Date:	12-Mar-2014 19:40:39	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-31-B	Lab Sample ID:	460-72174-31		
Client ID:	PMP-7SW-VD				
Operator ID:		ALS Bottle#:	61	Worklist Smp#:	49
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		
Column:		Detector	GC FID2B		

$ 4 o-Terphenyl, CAS: 84-15-1

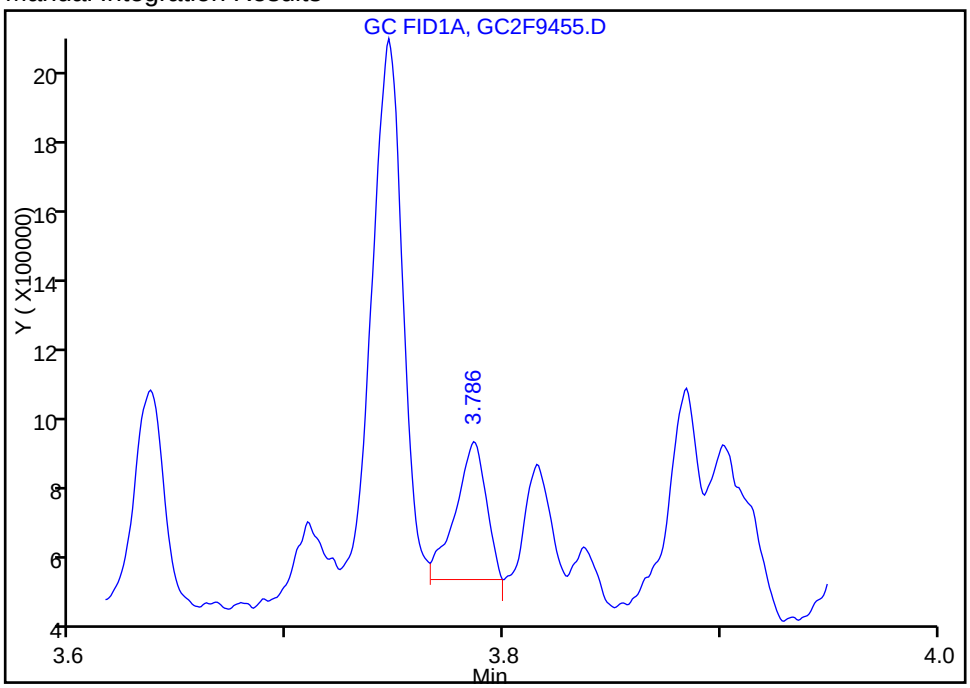
Processing Integration Results

RT: 3.79
Response: 314036
Amount: 6.521645



Manual Integration Results

RT: 3.79
Response: 355783
Amount: 7.388613



Reviewer: nimerd, 13-Mar-2014 10:51:44
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

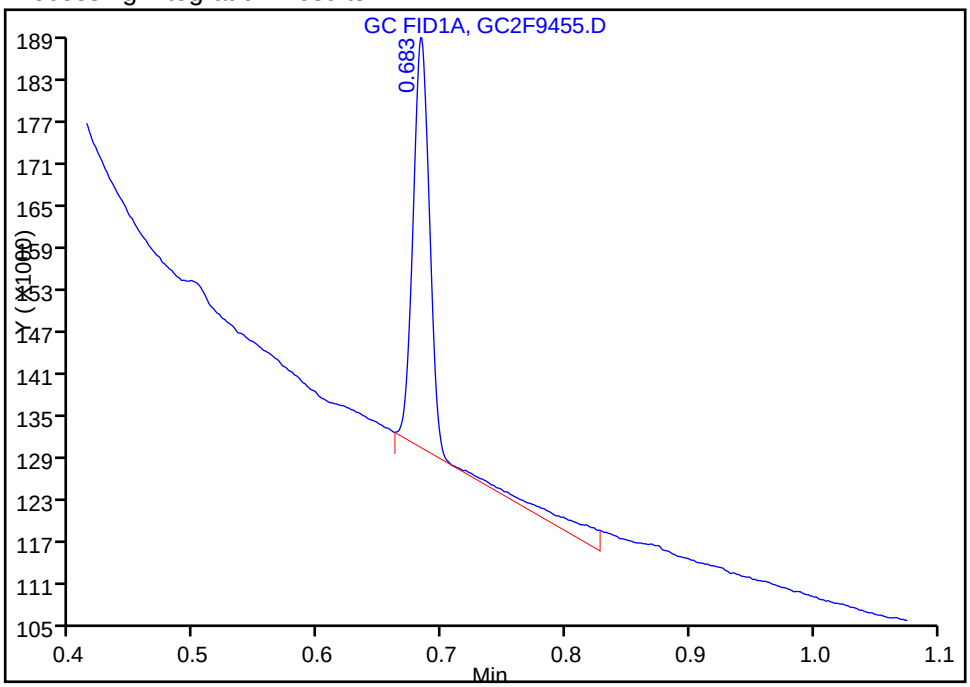
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9455.D				
Injection Date:	12-Mar-2014 19:40:39	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-31-B	Lab Sample ID:	460-72174-31		
Client ID:	PMP-7SW-VD				
Operator ID:		ALS Bottle#:	61	Worklist Smp#:	49
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		
Column:		Detector	GC FID2B		

$ 5 Chlorobenzene, CAS: 108-90-7

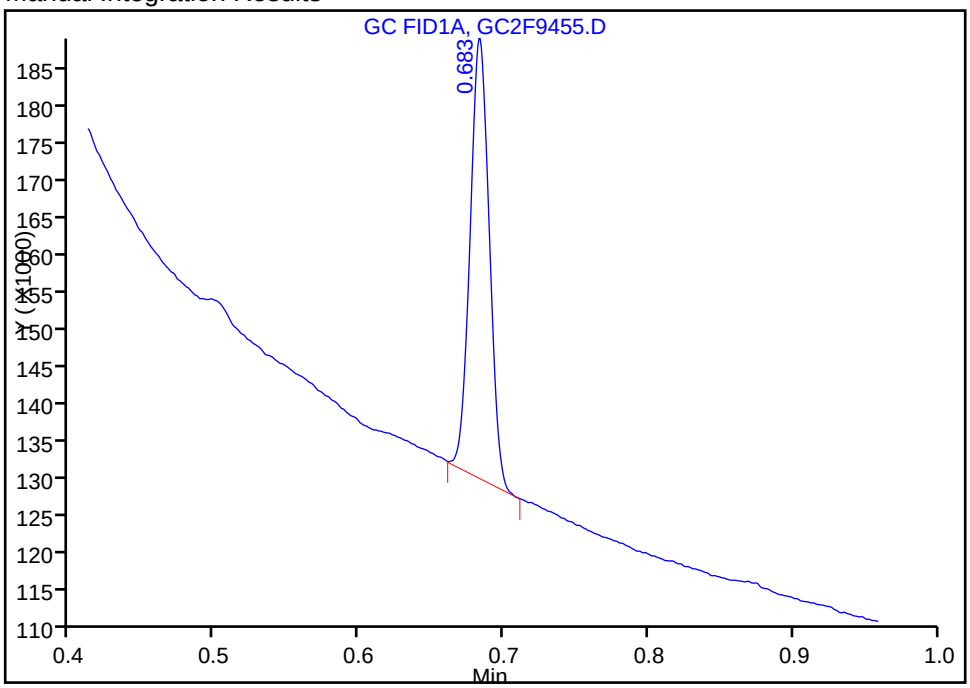
Processing Integration Results

RT: 0.68
Response: 62811
Amount: 2.654457



Manual Integration Results

RT: 0.68
Response: 54657
Amount: 2.309861



Reviewer: nimerd, 13-Mar-2014 10:55:19
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-WI Lab Sample ID: 460-72174-32

Matrix: Solid Lab File ID: GC2F9456.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 13:55

Extraction Method: 3546 Date Extracted: 03/10/2014 14:48

Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 19:54

Con. Extract Vol.: 1(mL) Dilution Factor: 25

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 9.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5300		150	150

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9456.D
Lims ID: 460-72174-F-32-B Lab Sample ID: 460-72174-32
Client ID: PMP-7SW-WI
Sample Type: Client
Inject. Date: 12-Mar-2014 19:54:13 ALS Bottle#: 62 Worklist Smp#: 50
Injection Vol: 1.0 ul Dil. Factor: 25.0000
Sample Info: 460-0010762-050
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:42 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 08:29:17

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
3.770	0.393 -	7.147	77015747	2882.8	k

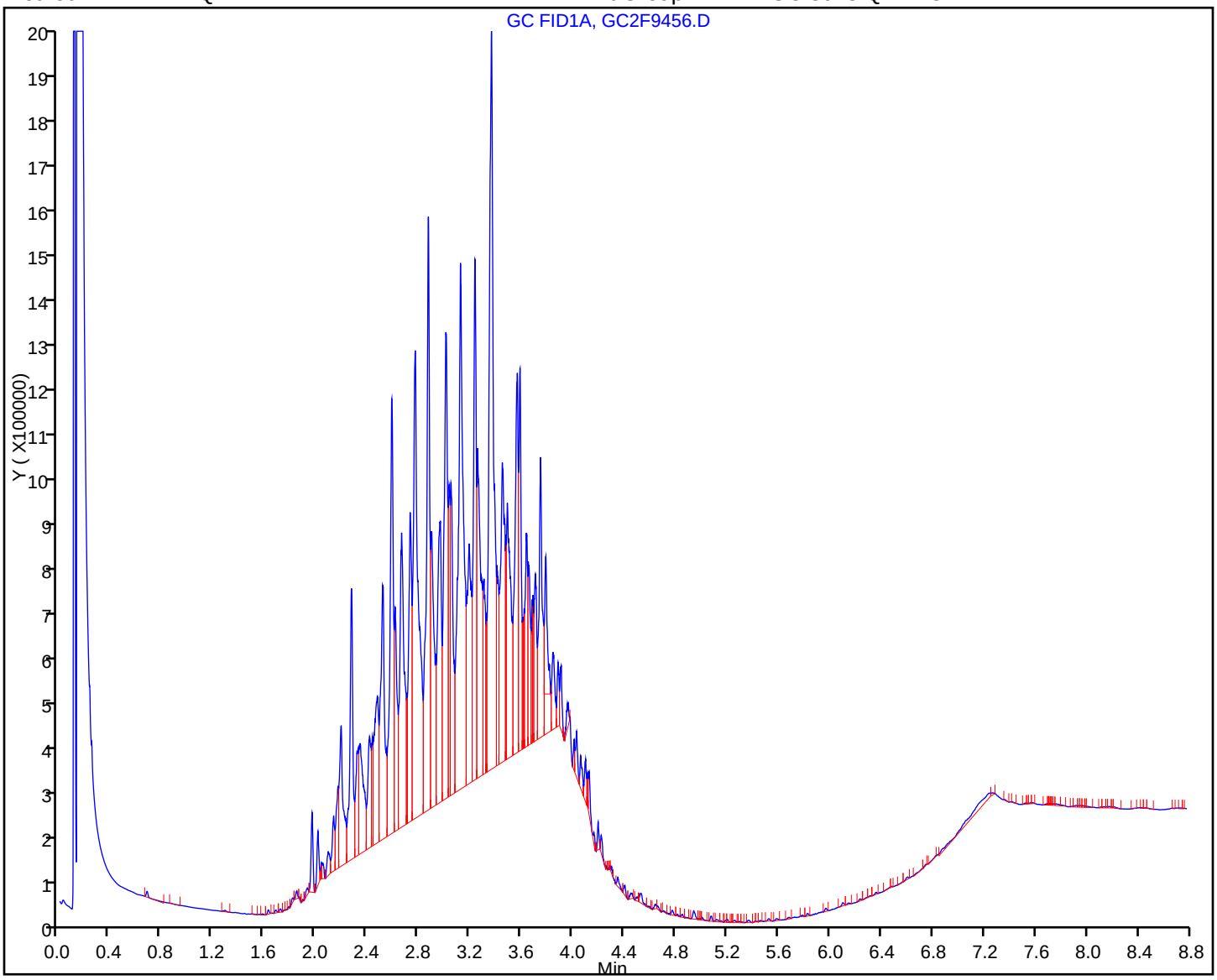
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:46 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9456.D				
Injection Date:	12-Mar-2014 19:54:13	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-32-B	Lab Sample ID:	460-72174-32		
Client ID:	PMP-7SW-WI				
Operator ID:		ALS Bottle#:	62	Worklist Smp#:	50
Injection Vol:	1.0 ul	Dil. Factor:	25.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-7SW-SI Lab Sample ID: 460-72174-33

Matrix: Solid Lab File ID: GC2F9457.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 14:00

Extraction Method: 3546 Date Extracted: 03/10/2014 14:48

Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 20:07

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2500		64	64

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9457.D
Lims ID: 460-72174-F-33-B Lab Sample ID: 460-72174-33
Client ID: PMP-7SW-SI
Sample Type: Client
Inject. Date: 12-Mar-2014 20:07:45 ALS Bottle#: 63 Worklist Smp#: 51
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0010762-051
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:42 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:55:35

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
3.770	0.393 -	7.147	86297667	3230.2	k

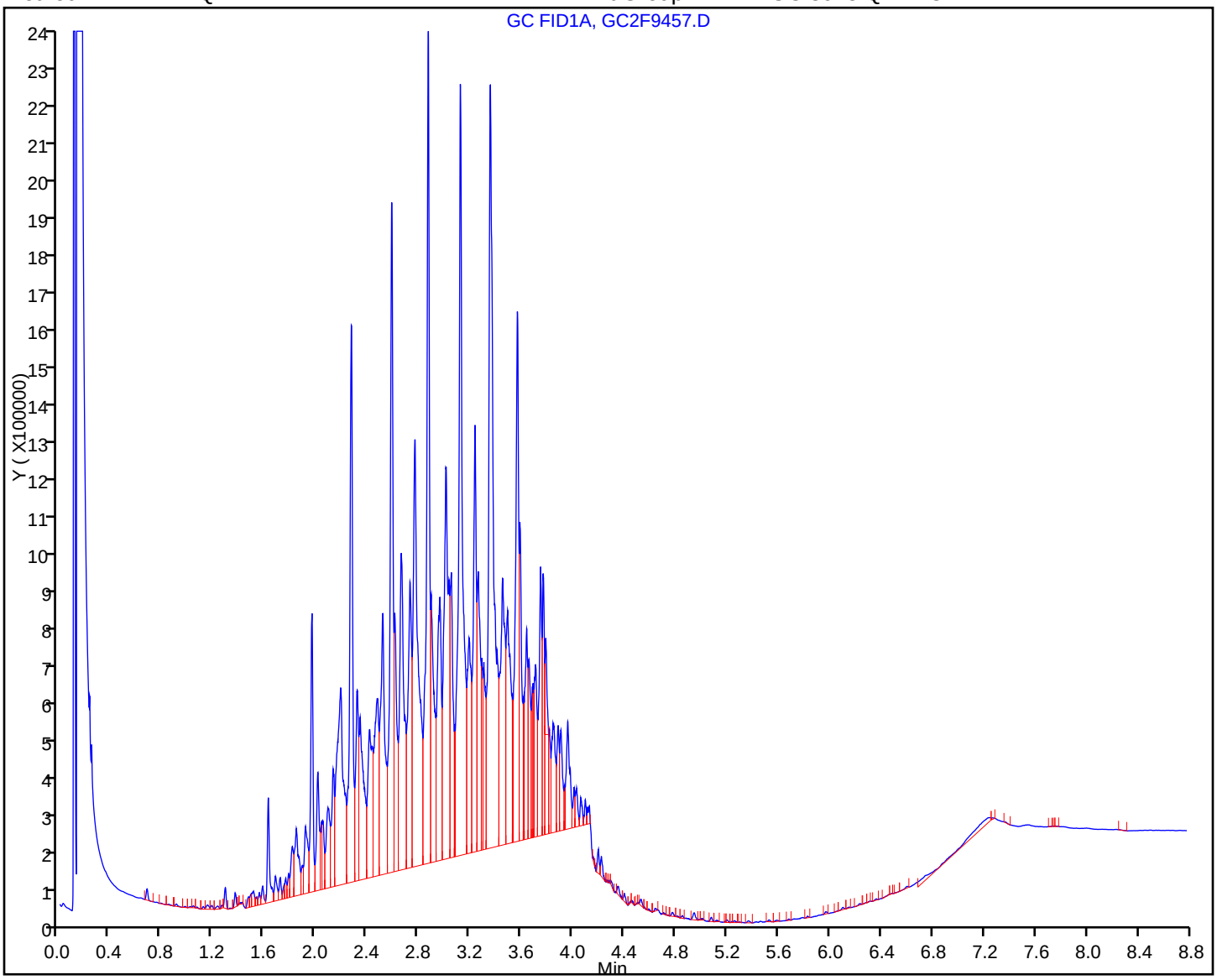
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:47 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9457.D				
Injection Date:	12-Mar-2014 20:07:45	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-33-B	Lab Sample ID:	460-72174-33		
Client ID:	PMP-7SW-SI				
Operator ID:		ALS Bottle#:	63	Worklist Smp#:	51
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-VD Lab Sample ID: 460-72174-34

Matrix: Solid Lab File ID: GC2F9458.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 14:40

Extraction Method: 3546 Date Extracted: 03/10/2014 14:48

Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 20:21

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.8	U	5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	61		50-105
108-90-7	Chlorobenzene	65		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9458.D
Lims ID: 460-72174-F-34-B Lab Sample ID: 460-72174-34
Client ID: PMP-9SW-VD
Sample Type: Client
Inject. Date: 12-Mar-2014 20:21:32 ALS Bottle#: 64 Worklist Smp#: 52
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-052
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:42 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

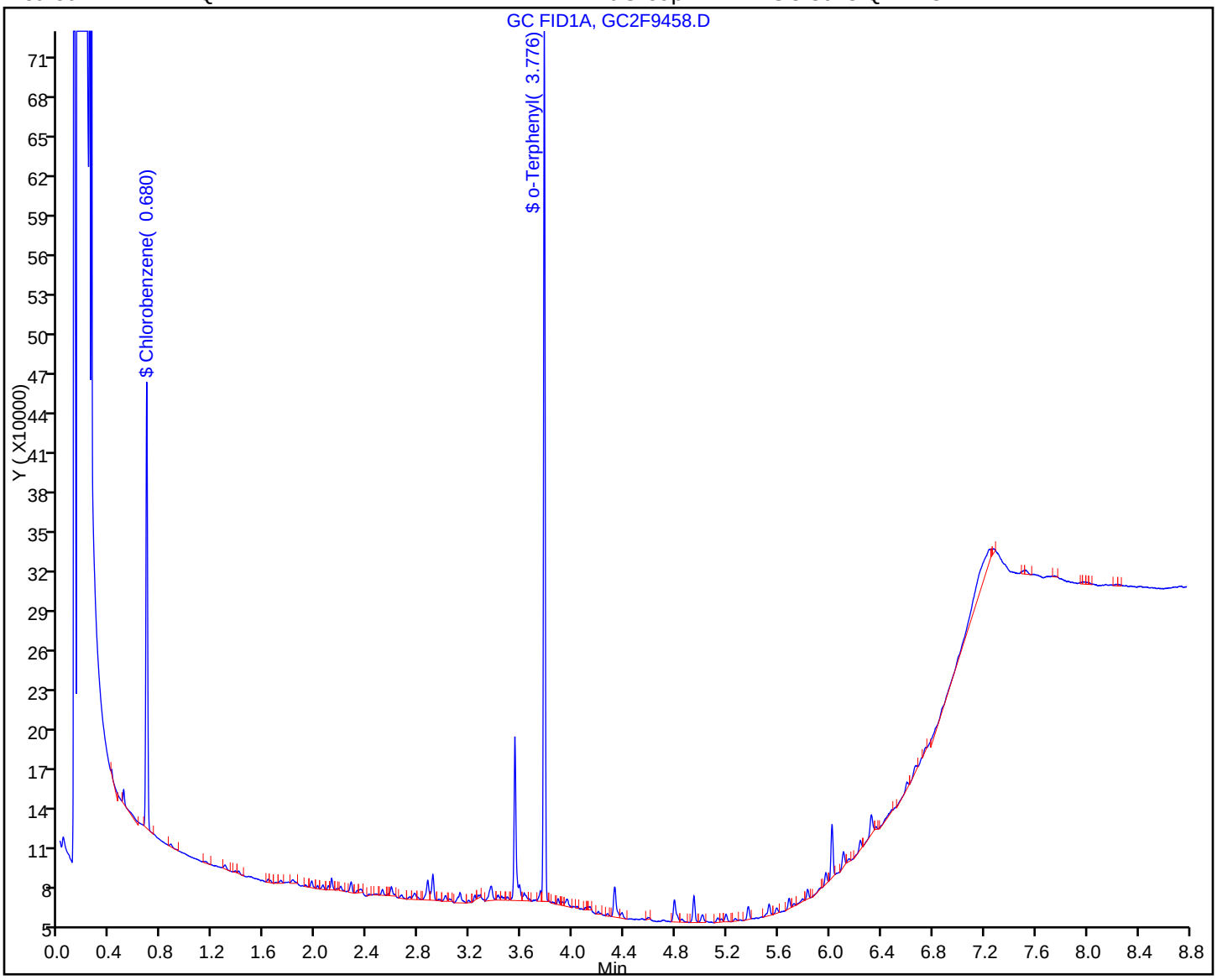
First Level Reviewer: nimerd Date: 13-Mar-2014 10:55:39

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.680	0.676	0.004	307584	13.0	
$ 4 o-Terphenyl					
3.776	3.782	-0.006	587156	12.2	

Report Date: 13-Mar-2014 11:01:47 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9458.D				
Injection Date:	12-Mar-2014 20:21:32	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-34-B	Lab Sample ID:	460-72174-34		
Client ID:	PMP-9SW-VD				
Operator ID:		ALS Bottle#:	64	Worklist Smp#:	52
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-WT Lab Sample ID: 460-72174-35

Matrix: Solid Lab File ID: GC2F9459.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 14:45

Extraction Method: 3546 Date Extracted: 03/10/2014 14:48

Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 20:35

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 11.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2100		62	62

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9459.D
Lims ID: 460-72174-F-35-B Lab Sample ID: 460-72174-35
Client ID: PMP-9SW-WT
Sample Type: Client
Inject. Date: 12-Mar-2014 20:35:11 ALS Bottle#: 65 Worklist Smp#: 53
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0010762-053
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:42 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:55:51

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
3.770	0.393 -	7.147	75324788	2819.5	k

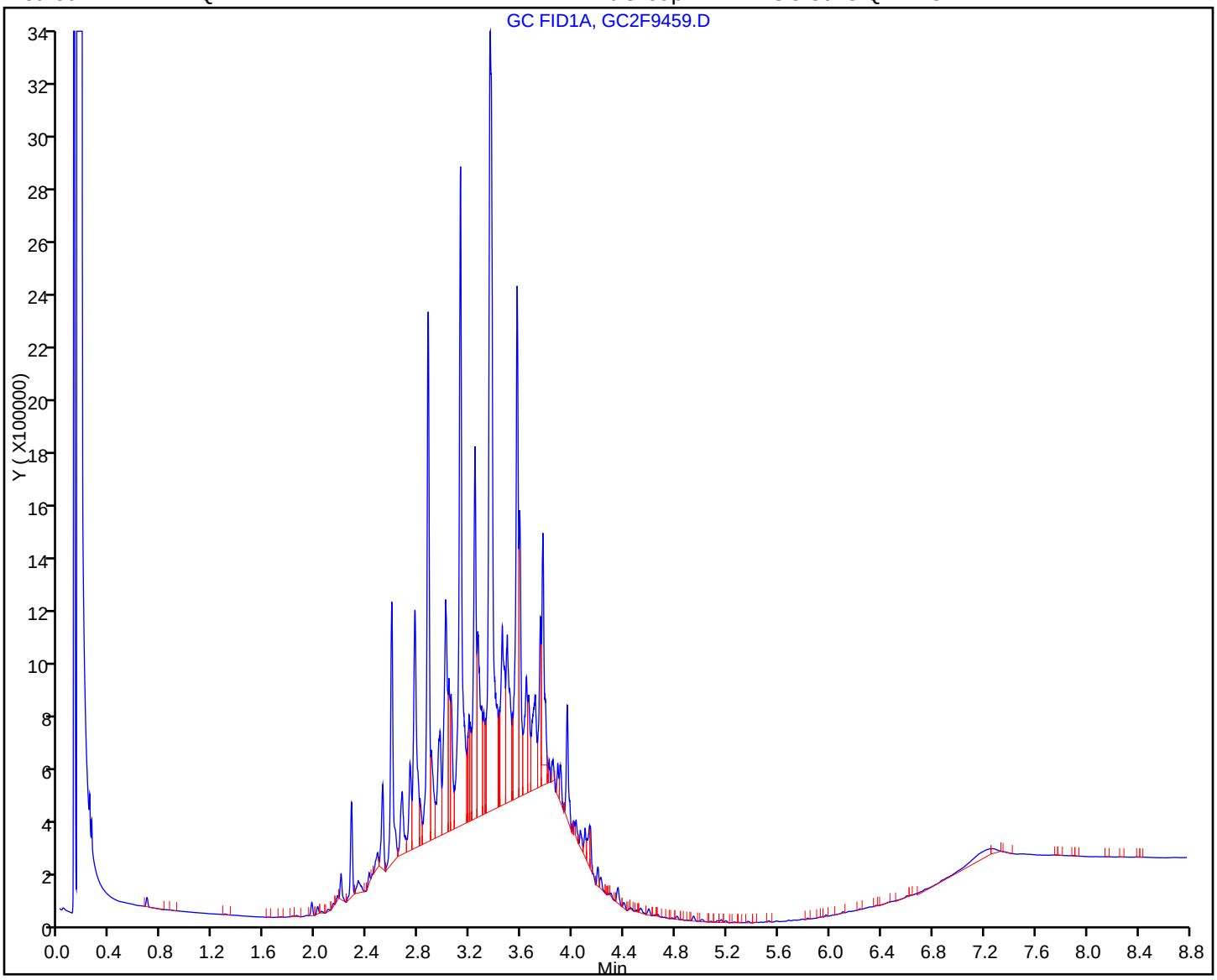
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:48 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9459.D				
Injection Date:	12-Mar-2014 20:35:11	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-35-B	Lab Sample ID:	460-72174-35		
Client ID:	PMP-9SW-WT				
Operator ID:		ALS Bottle#:	65	Worklist Smp#:	53
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-9SW-SI Lab Sample ID: 460-72174-36

Matrix: Solid Lab File ID: GC2F9462.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 14:50

Extraction Method: 3546 Date Extracted: 03/10/2014 14:48

Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 21:16

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	30		6.4	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	74		50-105
108-90-7	Chlorobenzene	51		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9462.D
Lims ID: 460-72174-F-36-B Lab Sample ID: 460-72174-36
Client ID: PMP-9SW-SI
Sample Type: Client
Inject. Date: 12-Mar-2014 21:16:06 ALS Bottle#: 66 Worklist Smp#: 56
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-056
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:49 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:56:16

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.681	0.676	0.005	239458	10.1	
A	3 C8-C40					
	3.770	0.393 -	7.147	10526956	394.0	k
$	4 o-Terphenyl					
	3.777	3.782	-0.005	711902	14.8	

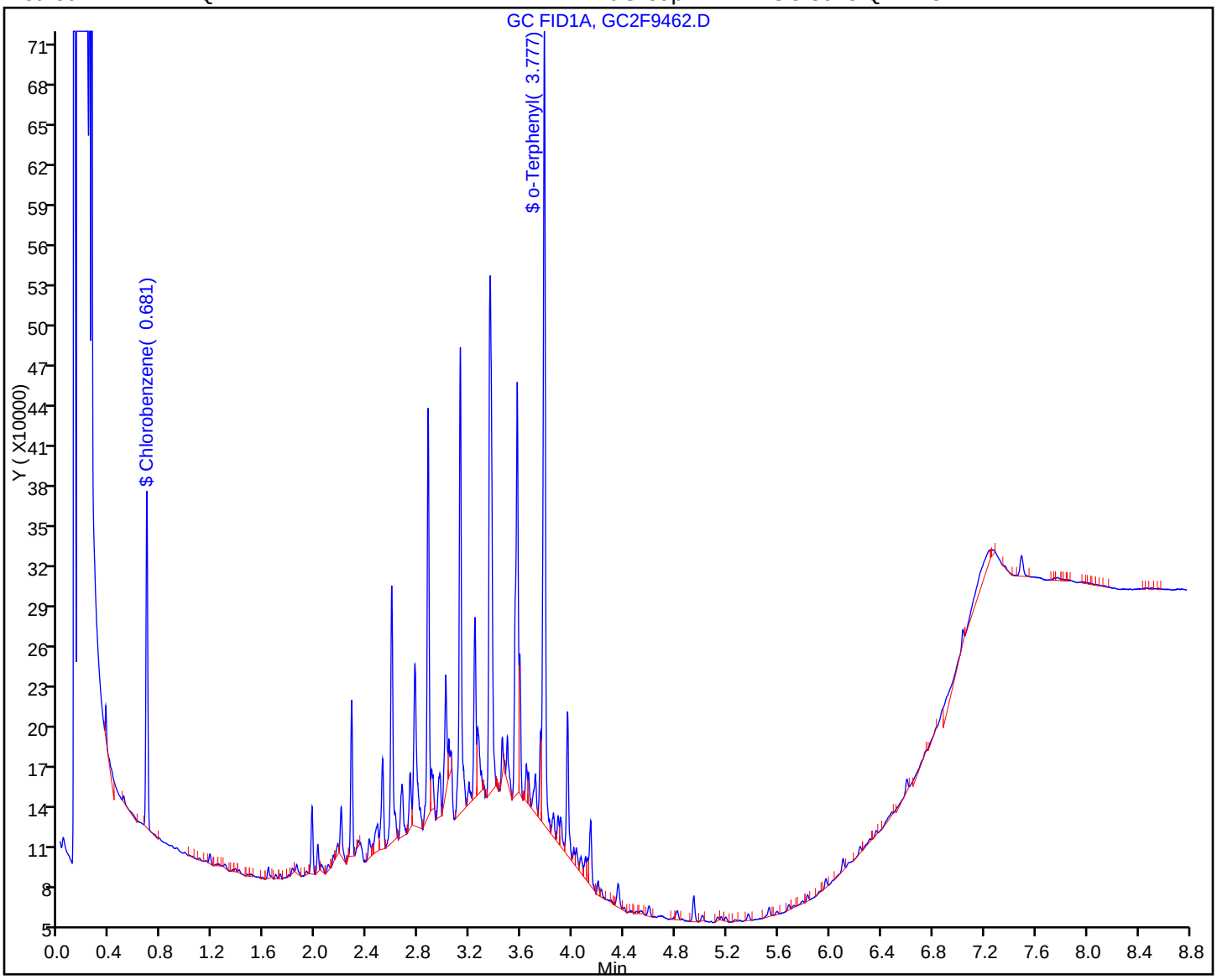
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:50 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9462.D				
Injection Date:	12-Mar-2014 21:16:06	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-36-B	Lab Sample ID:	460-72174-36		
Client ID:	PMP-9SW-SI				
Operator ID:		ALS Bottle#:	66	Worklist Smp#:	56
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-WI Lab Sample ID: 460-72174-37

Matrix: Solid Lab File ID: GC2F9463.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 15:20

Extraction Method: 3546 Date Extracted: 03/10/2014 14:48

Sample wt/vol: 15.05(g) Date Analyzed: 03/12/2014 21:29

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 6.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1100		29	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	74		50-105
108-90-7	Chlorobenzene	73		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9463.D
Lims ID: 460-72174-F-37-B Lab Sample ID: 460-72174-37
Client ID: PMP-10SW-WI
Sample Type: Client
Inject. Date: 12-Mar-2014 21:29:48 ALS Bottle#: 67 Worklist Smp#: 57
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0010762-057
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:49 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:56:23

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.681	0.676	0.005	68737	2.90	
A	3 C8-C40					
	3.770	0.393 -	7.147	80227167	3003.0	k
$	4 o-Terphenyl					
	3.778	3.782	-0.004	141729	2.94	

QC Flag Legend

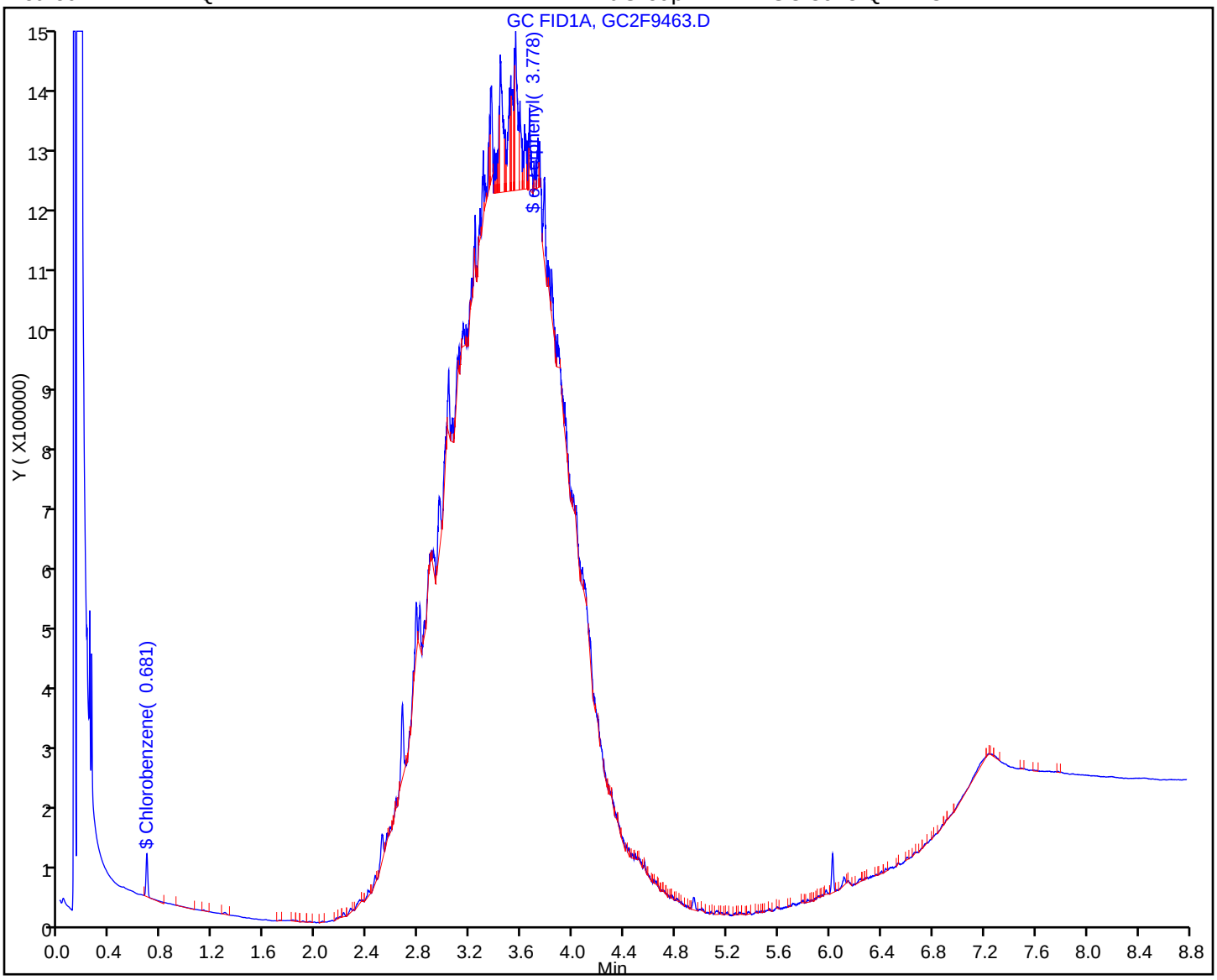
Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 11:01:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9463.D

Injection Date:	12-Mar-2014 21:29:48	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-37-B	Lab Sample ID:	460-72174-37		
Client ID:	PMP-10SW-WI				
Operator ID:		ALS Bottle#:	67	Worklist Smp#:	57
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-10SW-SI Lab Sample ID: 460-72174-38

Matrix: Solid Lab File ID: GC2F9464.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 15:25

Extraction Method: 3546 Date Extracted: 03/10/2014 14:48

Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 21:43

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.3	U	6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	73		50-105
108-90-7	Chlorobenzene	67		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9464.D
Lims ID: 460-72174-F-38-B Lab Sample ID: 460-72174-38
Client ID: PMP-10SW-SI
Sample Type: Client
Inject. Date: 12-Mar-2014 21:43:26 ALS Bottle#: 68 Worklist Smp#: 58
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-058
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:49 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

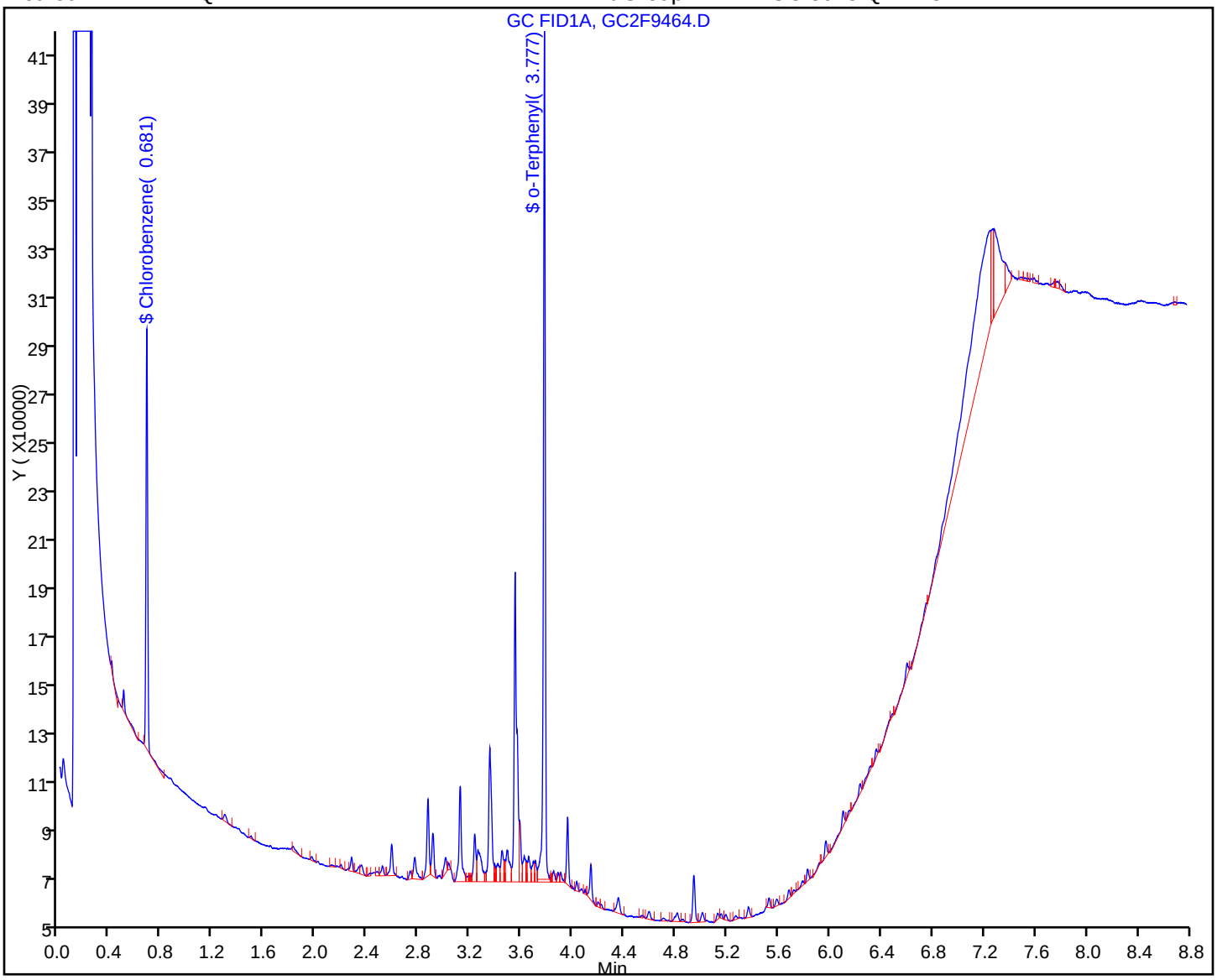
First Level Reviewer: nimerd Date: 13-Mar-2014 10:57:01

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.681	0.676	0.005	158821	6.71	
$ 4 o-Terphenyl					
3.777	3.782	-0.005	353762	7.35	

Report Date: 13-Mar-2014 11:01:51 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9464.D				
Injection Date:	12-Mar-2014 21:43:26	Instrument ID:	CBNAGC2		
Lims ID:	460-72174-F-38-B	Lab Sample ID:	460-72174-38		
Client ID:	PMP-10SW-SI				
Operator ID:		ALS Bottle#:	68	Worklist Smp#:	58
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209488

SDG No.:

Instrument ID: CBNAGC2 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 01:16 Calibration End Date: 02/27/2014 02:10 Calibration ID: 35617

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-209488/3	GC2F9089.D
Level 2	STD2 460-209488/4	GC2F9090.D
Level 3	STD3 460-209488/5	GC2F9091.D
Level 4	STD4 460-209488/6	GC2F9092.D
Level 5	STD5 460-209488/7	GC2F9093.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Total Petroleum Hydrocarbons (C8-C40)	3.794	3.794	3.794	3.794	3.794						0.419 - 7.169	3.794
Chlorobenzene	0.713	0.713	0.713	0.712	0.710						0.662 - 0.762	0.712
o-Terphenyl	3.815	3.814	3.816	3.815	3.817						3.765 - 3.865	3.815

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209488

SDG No.:

Instrument ID: CBNAGC2 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 01:16 Calibration End Date: 02/27/2014 02:10 Calibration ID: 35617

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-209488/3	GC2F9089.D
Level 2	STD2 460-209488/4	GC2F9090.D
Level 3	STD3 460-209488/5	GC2F9091.D
Level 4	STD4 460-209488/6	GC2F9092.D
Level 5	STD5 460-209488/7	GC2F9093.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Total Petroleum Hydrocarbons (C8-C40)	24785 27282	26966	27884	26662	Ave		26715.7870				4.4		20.0			
Chlorobenzene	24820 23127	23437	24297	22632	Ave		23662.4640				3.7		20.0			
o-Terphenyl	61476 48177	44347	44956	41809	Ave		48152.8800				16.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72174-1 Analy Batch No.: 209488

SDG No.:

Instrument ID: CBNAGC2 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2014 01:16 Calibration End Date: 02/27/2014 02:10 Calibration ID: 35617

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-209488/3	GC2F9089.D
Level 2	STD2 460-209488/4	GC2F9090.D
Level 3	STD3 460-209488/5	GC2F9091.D
Level 4	STD4 460-209488/6	GC2F9092.D
Level 5	STD5 460-209488/7	GC2F9093.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Total Petroleum Hydrocarbons (C8-C40)	Ave	2040336	11099169	22954470	54869536	112290984	82.3	412	823	2058	4116
Chlorobenzene	Ave	6205	29296	60742	141448	289088	0.250	1.25	2.50	6.25	12.5
o-Terphenyl	Ave	15369	55434	112390	261304	602207	0.250	1.25	2.50	6.25	12.5

Curve Type Legend:
Ave = Average

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211769/3 Calibration Date: 03/11/2014 07:44

Instrument ID: CBNAGC2 Calib Start Date: 02/27/2014 01:16

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/27/2014 02:10

Lab File ID: GC2F9322.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	26716	28143		2170	2060	5.3	15.0
Chlorobenzene	Ave	23662	24933		6.59	6.25	5.4	15.0
o-Terphenyl	Ave	48153	42693		5.54	6.25	-11.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211769/3 Calibration Date: 03/11/2014 07:44

Instrument ID: CBNAGC2 Calib Start Date: 02/27/2014 01:16

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/27/2014 02:10

Lab File ID: GC2F9322.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	3.77	0.40	7.15
Chlorobenzene	0.69	0.64	0.74
o-Terphenyl	3.79	3.74	3.84

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211769/15 Calibration Date: 03/11/2014 10:27

Instrument ID: CBNAGC2 Calib Start Date: 02/27/2014 01:16

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/27/2014 02:10

Lab File ID: GC2F9334.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	26716	27305		2100	2060	2.2	15.0
Chlorobenzene	Ave	23662	24227		6.40	6.25	2.4	15.0
o-Terphenyl	Ave	48153	42396		5.50	6.25	-12.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-211769/15 Calibration Date: 03/11/2014 10:27

Instrument ID: CBNAGC2 Calib Start Date: 02/27/2014 01:16

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/27/2014 02:10

Lab File ID: GC2F9334.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	3.77	0.40	7.15
Chlorobenzene	0.69	0.64	0.74
o-Terphenyl	3.79	3.74	3.84

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212087/3 Calibration Date: 03/12/2014 09:06

Instrument ID: CBNAGC2 Calib Start Date: 02/27/2014 01:16

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/27/2014 02:10

Lab File ID: GC2F9409.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	26716	28149		2170	2060	5.4	15.0
Chlorobenzene	Ave	23662	25351		6.70	6.25	7.1	15.0
o-Terphenyl	Ave	48153	46106		5.98	6.25	-4.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212087/3 Calibration Date: 03/12/2014 09:06

Instrument ID: CBNAGC2 Calib Start Date: 02/27/2014 01:16

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/27/2014 02:10

Lab File ID: GC2F9409.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	3.77	0.39	7.15
Chlorobenzene	0.68	0.63	0.73
o-Terphenyl	3.78	3.73	3.83

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212087/15 Calibration Date: 03/12/2014 11:57

Instrument ID: CBNAGC2 Calib Start Date: 02/27/2014 01:16

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/27/2014 02:10

Lab File ID: GC2F9421.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	26716	28282		2180	2060	5.9	15.0
Chlorobenzene	Ave	23662	24208		6.39	6.25	2.3	15.0
o-Terphenyl	Ave	48153	41944		5.44	6.25	-12.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212087/15 Calibration Date: 03/12/2014 11:57

Instrument ID: CBNAGC2 Calib Start Date: 02/27/2014 01:16

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/27/2014 02:10

Lab File ID: GC2F9421.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	3.77	0.39	7.15
Chlorobenzene	0.68	0.63	0.73
o-Terphenyl	3.78	3.73	3.83

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212087/26 Calibration Date: 03/12/2014 14:27

Instrument ID: CBNAGC2 Calib Start Date: 02/27/2014 01:16

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/27/2014 02:10

Lab File ID: GC2F9432.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	26716	29974		2310	2060	12.2	15.0
Chlorobenzene	Ave	23662	26880		7.10	6.25	13.6	15.0
o-Terphenyl	Ave	48153	44614		5.79	6.25	-7.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212087/26 Calibration Date: 03/12/2014 14:27

Instrument ID: CBNAGC2 Calib Start Date: 02/27/2014 01:16

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/27/2014 02:10

Lab File ID: GC2F9432.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	3.77	0.39	7.15
Chlorobenzene	0.68	0.63	0.73
o-Terphenyl	3.78	3.73	3.83

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212087/33 Calibration Date: 03/12/2014 16:02

Instrument ID: CBNAGC2 Calib Start Date: 02/27/2014 01:16

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/27/2014 02:10

Lab File ID: GC2F9439.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	26716	28588		2200	2060	7.0	15.0
Chlorobenzene	Ave	23662	25906		6.84	6.25	9.5	15.0
o-Terphenyl	Ave	48153	42996		5.58	6.25	-10.7	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212087/33 Calibration Date: 03/12/2014 16:02

Instrument ID: CBNAGC2 Calib Start Date: 02/27/2014 01:16

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/27/2014 02:10

Lab File ID: GC2F9439.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	3.77	0.39	7.15
Chlorobenzene	0.68	0.63	0.73
o-Terphenyl	3.78	3.73	3.83

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212087/45 Calibration Date: 03/12/2014 18:46

Instrument ID: CBNAGC2 Calib Start Date: 02/27/2014 01:16

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/27/2014 02:10

Lab File ID: GC2F9451.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	26716	30493		2350	2060	14.1	15.0
Chlorobenzene	Ave	23662	27115		7.16	6.25	14.6	15.0
o-Terphenyl	Ave	48153	46116		5.99	6.25	-4.2	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212087/45 Calibration Date: 03/12/2014 18:46

Instrument ID: CBNAGC2 Calib Start Date: 02/27/2014 01:16

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/27/2014 02:10

Lab File ID: GC2F9451.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	3.77	0.39	7.15
Chlorobenzene	0.68	0.63	0.73
o-Terphenyl	3.78	3.73	3.83

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212087/55 Calibration Date: 03/12/2014 21:02

Instrument ID: CBNAGC2 Calib Start Date: 02/27/2014 01:16

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/27/2014 02:10

Lab File ID: GC2F9461.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	26716	29968		2310	2060	12.2	15.0
Chlorobenzene	Ave	23662	27089		7.16	6.25	14.5	15.0
o-Terphenyl	Ave	48153	44899		5.83	6.25	-6.8	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212087/55 Calibration Date: 03/12/2014 21:02

Instrument ID: CBNAGC2 Calib Start Date: 02/27/2014 01:16

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/27/2014 02:10

Lab File ID: GC2F9461.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	3.77	0.39	7.15
Chlorobenzene	0.68	0.63	0.73
o-Terphenyl	3.78	3.73	3.83

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212087/63 Calibration Date: 03/12/2014 22:51

Instrument ID: CBNAGC2 Calib Start Date: 02/27/2014 01:16

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/27/2014 02:10

Lab File ID: GC2F9469.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	26716	30287		2330	2060	13.4	15.0
Chlorobenzene	Ave	23662	27153		7.17	6.25	14.8	15.0
o-Terphenyl	Ave	48153	45459		5.90	6.25	-5.6	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Lab Sample ID: CCV 460-212087/63 Calibration Date: 03/12/2014 22:51

Instrument ID: CBNAGC2 Calib Start Date: 02/27/2014 01:16

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/27/2014 02:10

Lab File ID: GC2F9469.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	3.77	0.39	7.15
Chlorobenzene	0.68	0.63	0.73
o-Terphenyl	3.78	3.73	3.83

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-211471/1-A

Matrix: Water Lab File ID: GC2F9323.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3510C Date Extracted: 03/09/2014 10:24

Sample wt/vol: 1000(mL) Date Analyzed: 03/11/2014 07:58

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 211769 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	71		51-123
108-90-7	Chlorobenzene	89		42-93

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140311-10689.b\GC2F9323.D
Lims ID: MB 460-211471/1-A
Client ID:
Sample Type: MB
Inject. Date: 11-Mar-2014 07:58:30 ALS Bottle#: 6 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010689-004
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140311-10689.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 10:30:41 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: kimh Date: 11-Mar-2014 09:11:12

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.687	0.686	0.001	419494	17.7	
$ 4 o-Terphenyl					
3.787	3.785	0.002	685026	14.2	

Report Date: 13-Mar-2014 10:30:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140311-10689.b\GC2F9323.D

Injection Date: 11-Mar-2014 07:58:30 Instrument ID: CBNAGC2

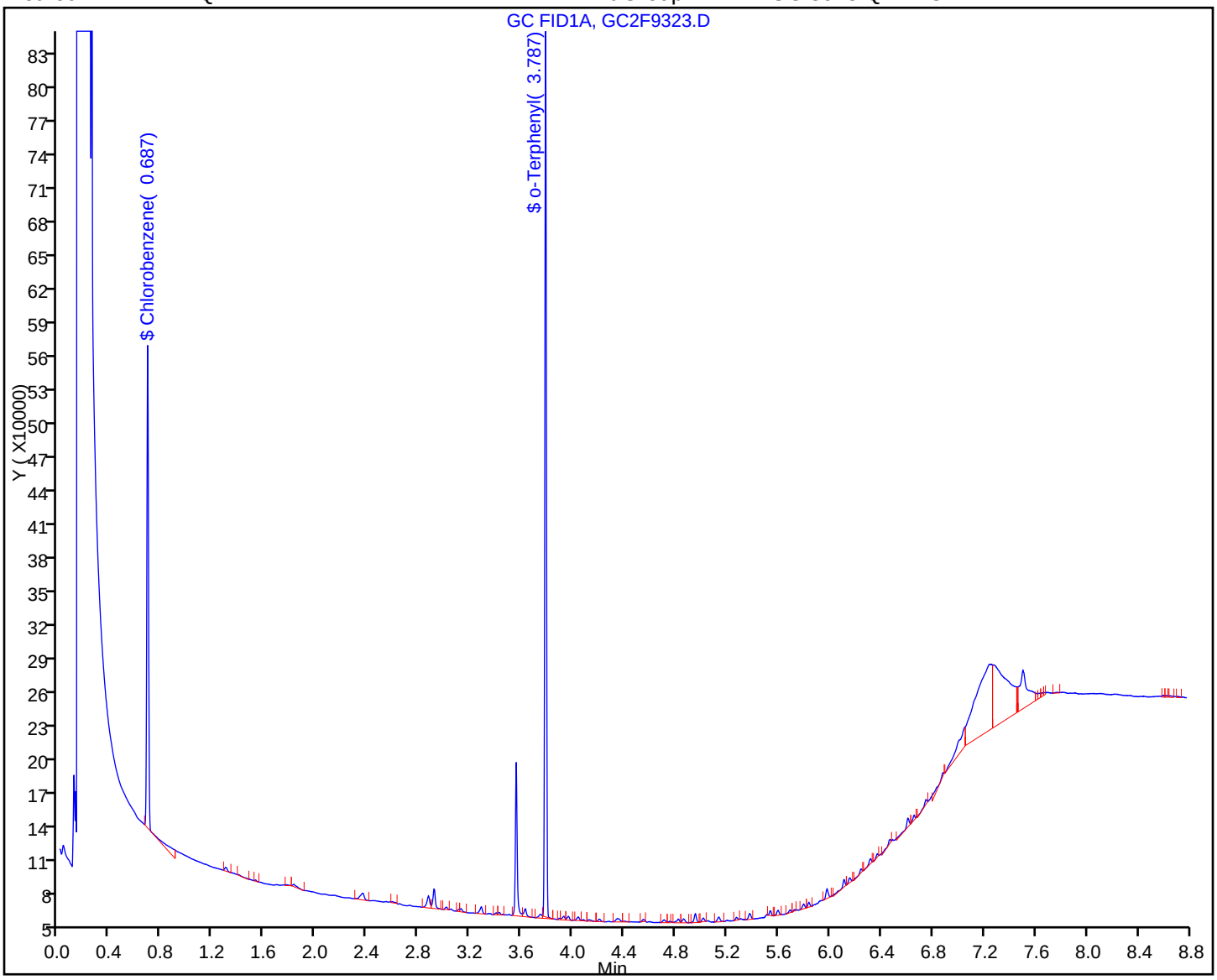
Lims ID: MB 460-211471/1-A

Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-211687/1-A

Matrix: Solid Lab File ID: GC2F9410.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/10/2014 14:38

Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 09:28

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	85		50-105
108-90-7	Chlorobenzene	94	X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9410.D
Lims ID: MB 460-211687/1-A
Client ID:
Sample Type: MB
Inject. Date: 12-Mar-2014 09:28:18 ALS Bottle#: 24 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-004
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:11 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:34:55

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.671	0.676	-0.005	443931	18.8	
$ 4 o-Terphenyl					
3.781	3.782	-0.001	814629	16.9	

Report Date: 13-Mar-2014 11:01:12 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9410.D

Injection Date: 12-Mar-2014 09:28:18 Instrument ID: CBNAGC2

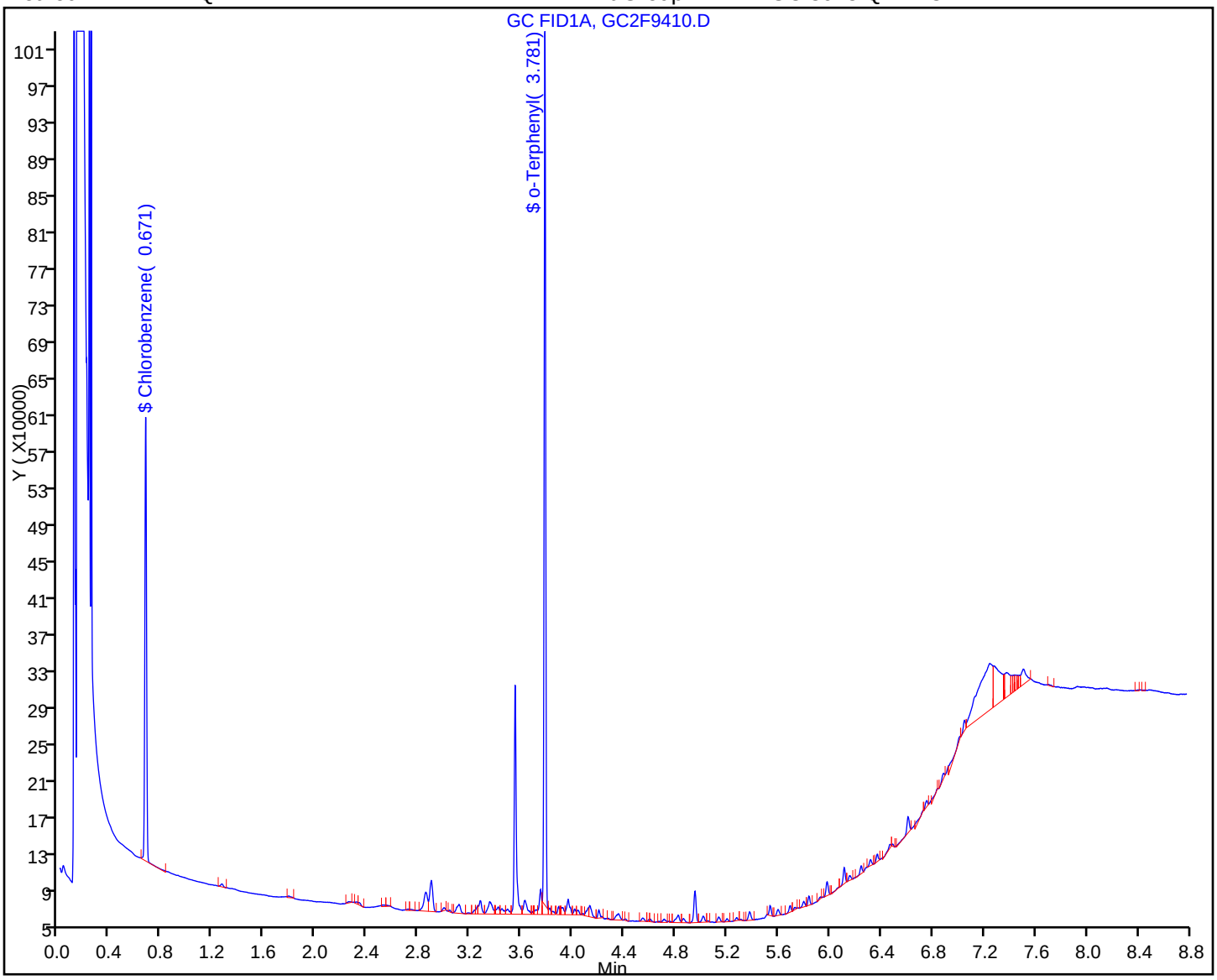
Lims ID: MB 460-211687/1-A

Client ID:

Operator ID: ALS Bottle#: 24 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-211688/1-A

Matrix: Solid | Lab File ID: GC2F9440.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: 3546 | Date Extracted: 03/10/2014 14:48

Sample wt/vol: 15.00(g) | Date Analyzed: 03/12/2014 16:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	87		50-105
108-90-7	Chlorobenzene	92	X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9440.D
Lims ID: MB 460-211688/1-A
Client ID:
Sample Type: MB
Inject. Date: 12-Mar-2014 16:16:25 ALS Bottle#: 48 Worklist Smp#: 34
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-034
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:33 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 08:28:40

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					M
0.681	0.676	0.005	435603	18.4	M
$ 4 o-Terphenyl					
3.778	3.782	-0.004	837466	17.4	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 13-Mar-2014 11:01:35 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9440.D

Injection Date: 12-Mar-2014 16:16:25 Instrument ID: CBNAGC2

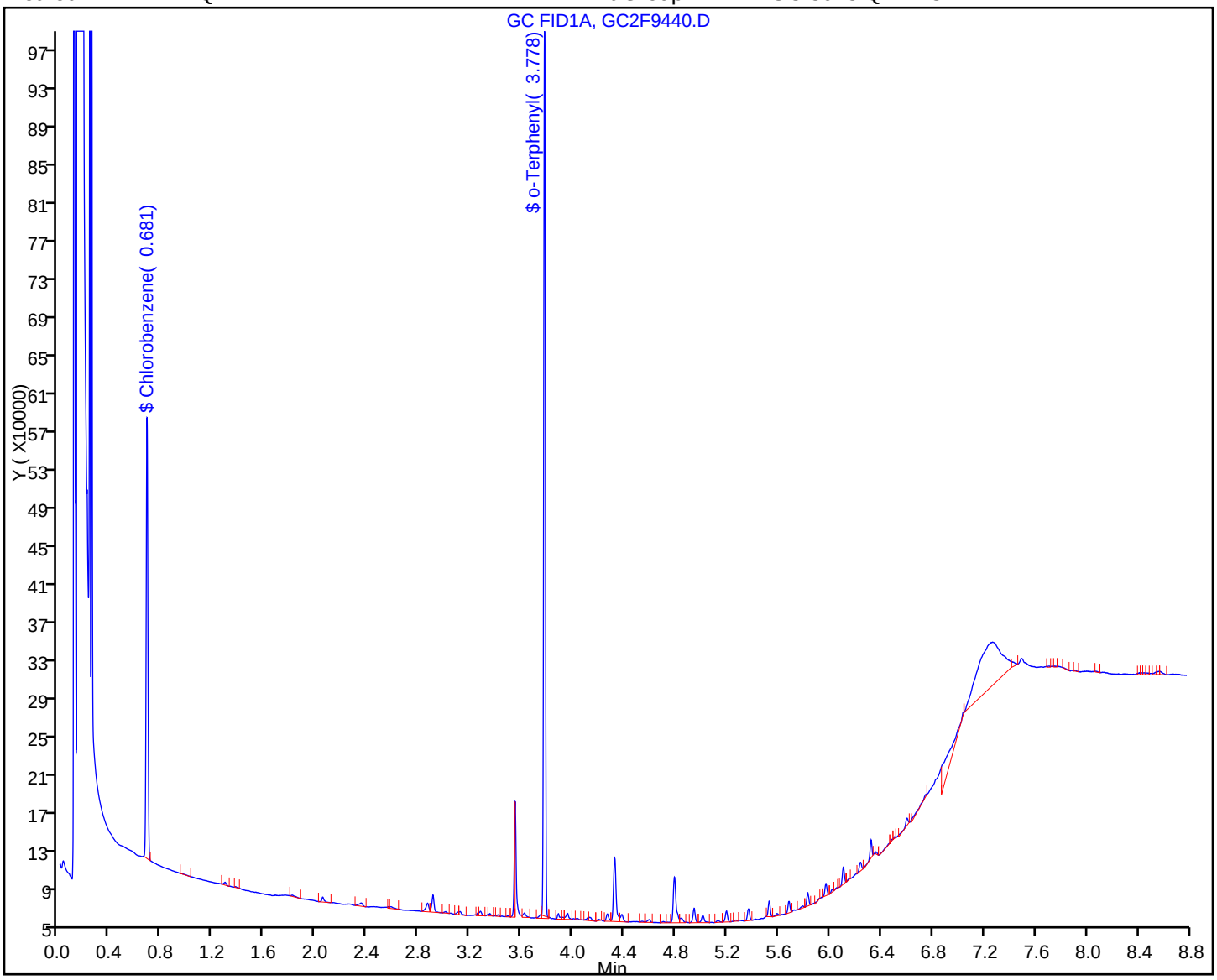
Lims ID: MB 460-211688/1-A

Client ID:

Operator ID: ALS Bottle#: 48 Worklist Smp#: 34

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



Manual Integration/User Assign Peak Report

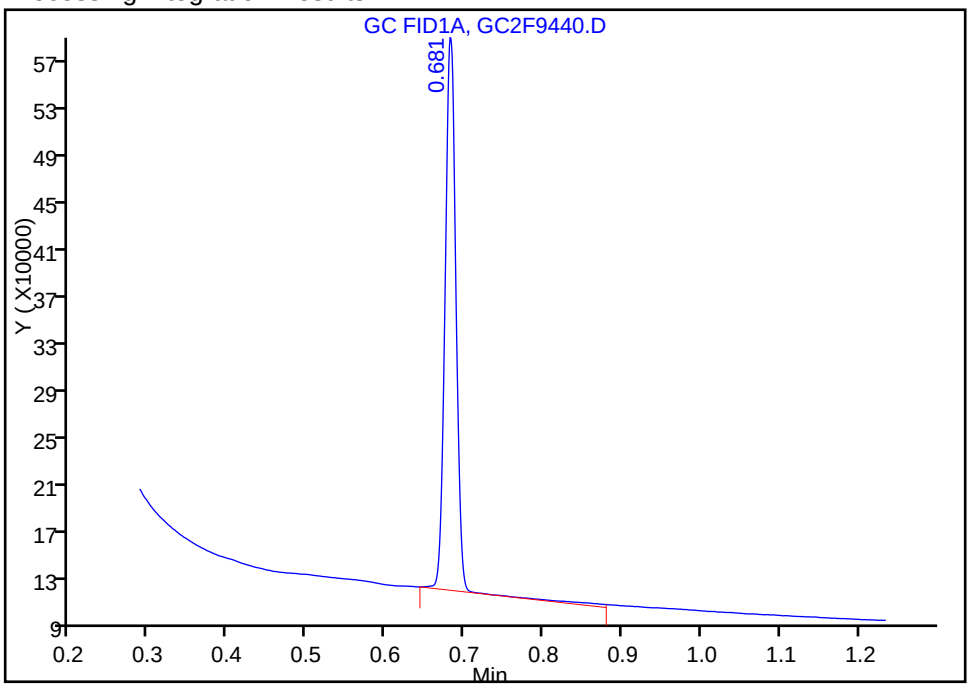
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9440.D				
Injection Date:	12-Mar-2014 16:16:25	Instrument ID:	CBNAGC2		
Lims ID:	MB 460-211688/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	34
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		
Column:		Detector	GC FID2B		

$ 5 Chlorobenzene, CAS: 108-90-7

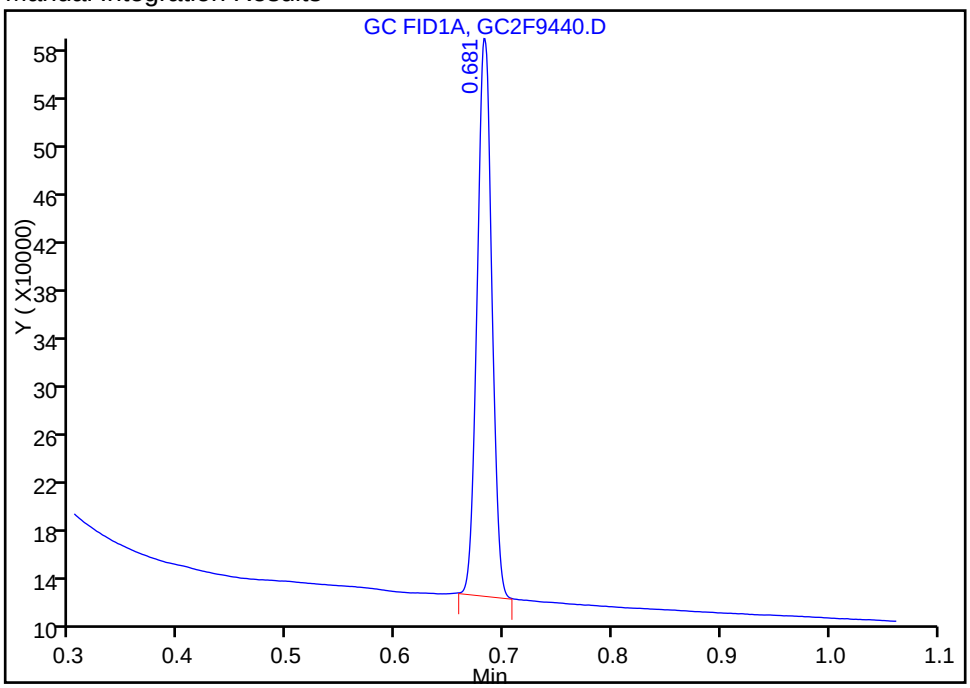
Processing Integration Results

RT: 0.68
Response: 448336
Amount: 18.947139



Manual Integration Results

RT: 0.68
Response: 435603
Amount: 18.409030



Reviewer: nimerd, 13-Mar-2014 08:28:40
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-211769/2

Matrix: Water Lab File ID: GC2F9321.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 03/11/2014 07:31

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 211769 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	104		51-123
108-90-7	Chlorobenzene	125		42-93

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140311-10689.b\GC2F9321.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 11-Mar-2014 07:31:15 ALS Bottle#: 4 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010689-002
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140311-10689.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 10:30:40 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: kimh Date: 11-Mar-2014 09:10:55

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.688	0.686	0.002	183363	7.75	
$ 4 o-Terphenyl					
3.786	3.785	0.001	309527	6.43	

Report Date: 13-Mar-2014 10:30:41 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140311-10689.b\GC2F9321.D

Injection Date: 11-Mar-2014 07:31:15 Instrument ID: CBNAGC2

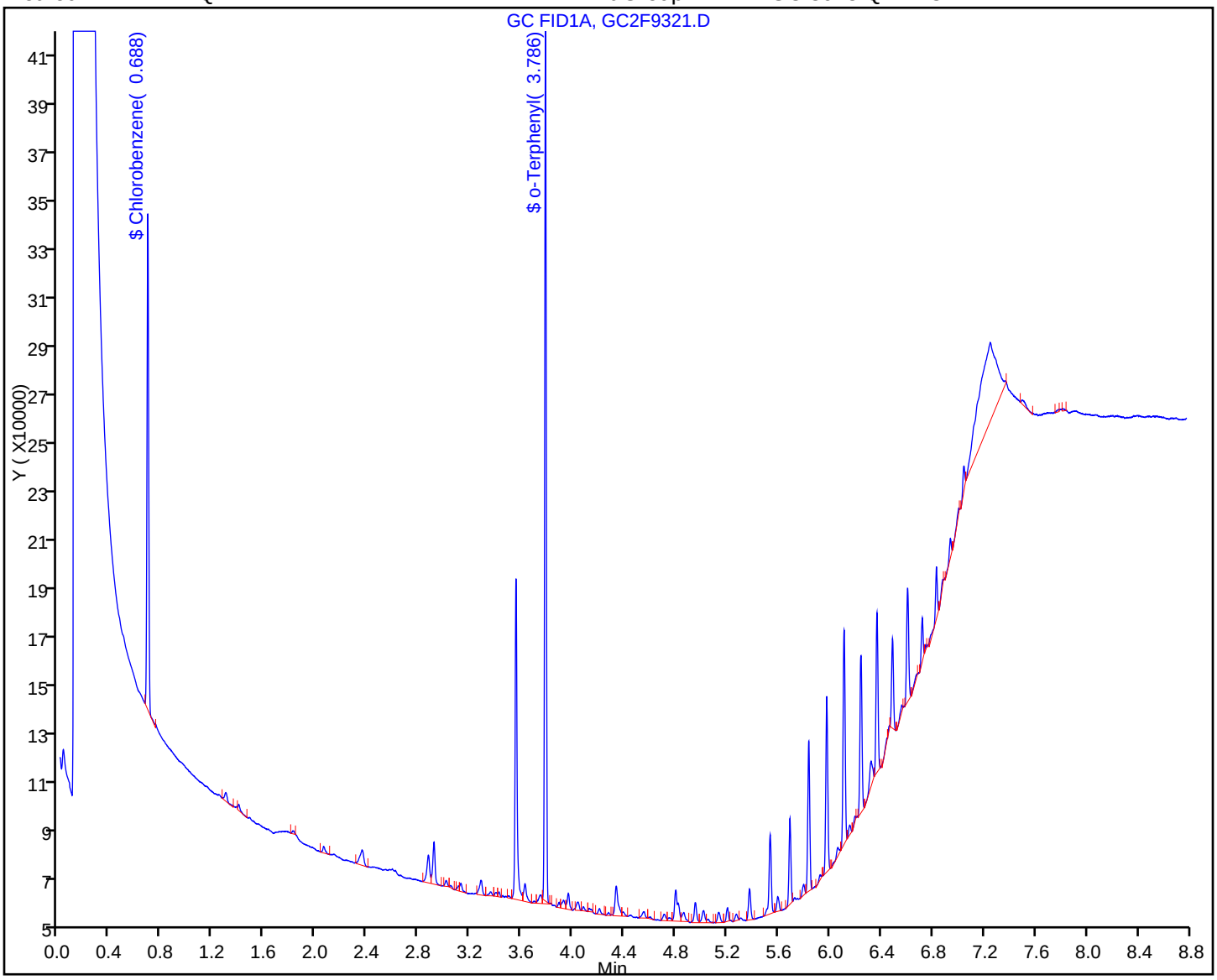
Lims ID: PIBLK

Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-211769/14

Matrix: Water Lab File ID: GC2F9333.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 03/11/2014 10:14

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 211769 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	103		51-123
108-90-7	Chlorobenzene	127		42-93

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140311-10689.b\GC2F9333.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 11-Mar-2014 10:14:10 ALS Bottle#: 4 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010689-014
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140311-10689.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 10:30:41 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: kimh Date: 11-Mar-2014 12:09:43

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.688	0.686	0.002	186533	7.88	
$ 4 o-Terphenyl					
3.786	3.785	0.001	307203	6.38	

Report Date: 13-Mar-2014 10:30:49 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140311-10689.b\GC2F9333.D

Injection Date: 11-Mar-2014 10:14:10 Instrument ID: CBNAGC2

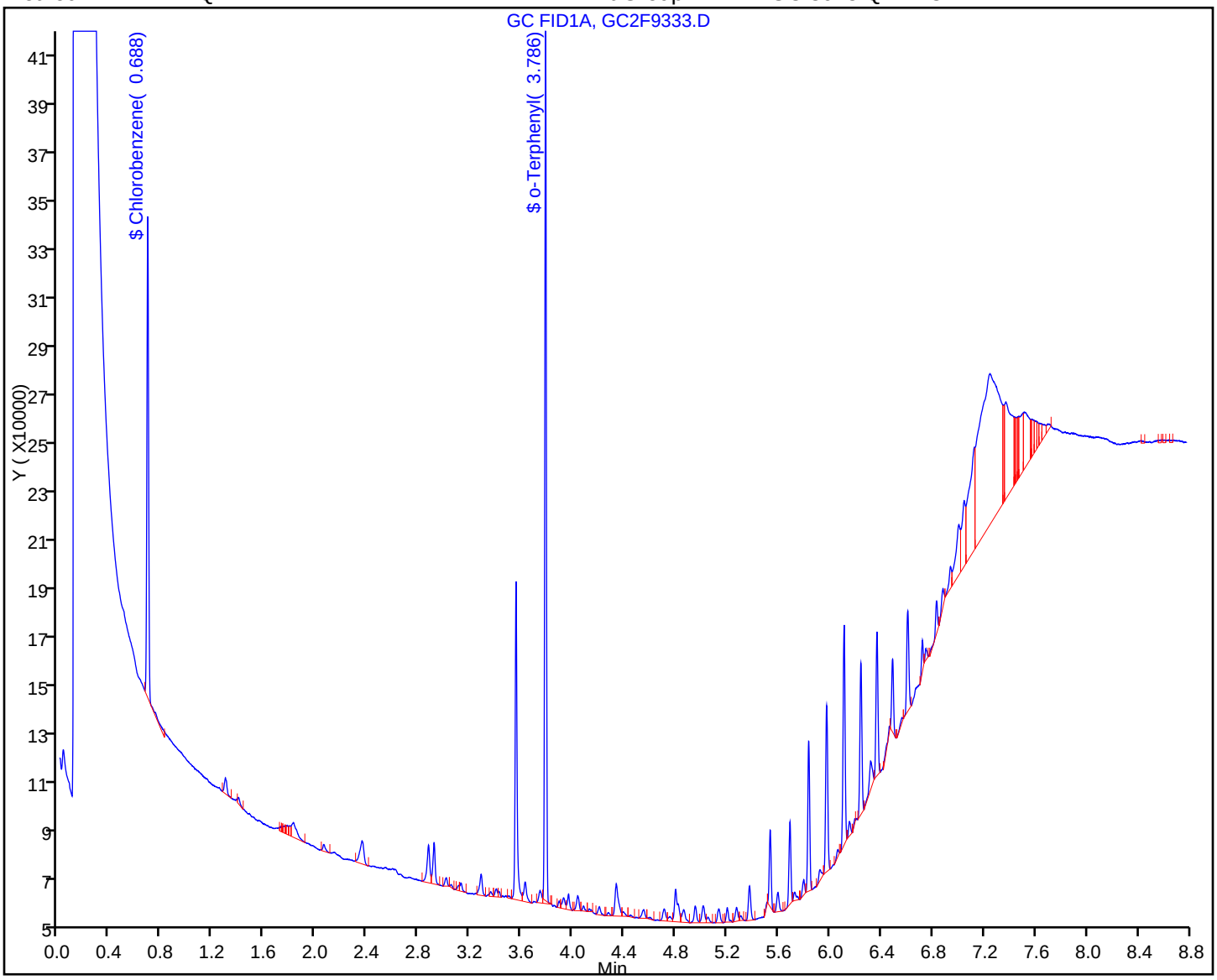
Lims ID: piblk

Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-212087/2

Matrix: Solid Lab File ID: GC2F9408.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 03/12/2014 08:35

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	110		50-105
108-90-7	Chlorobenzene	129		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9408.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 12-Mar-2014 08:35:36 ALS Bottle#: 4 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: PIBLK
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:10 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:34:48

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.685	0.680	0.005	189213	8.00	
$ 4 o-Terphenyl					
3.780	3.776	0.004	328986	6.83	

Report Date: 13-Mar-2014 11:01:11 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9408.D

Injection Date: 12-Mar-2014 08:35:36 Instrument ID: CBNAGC2

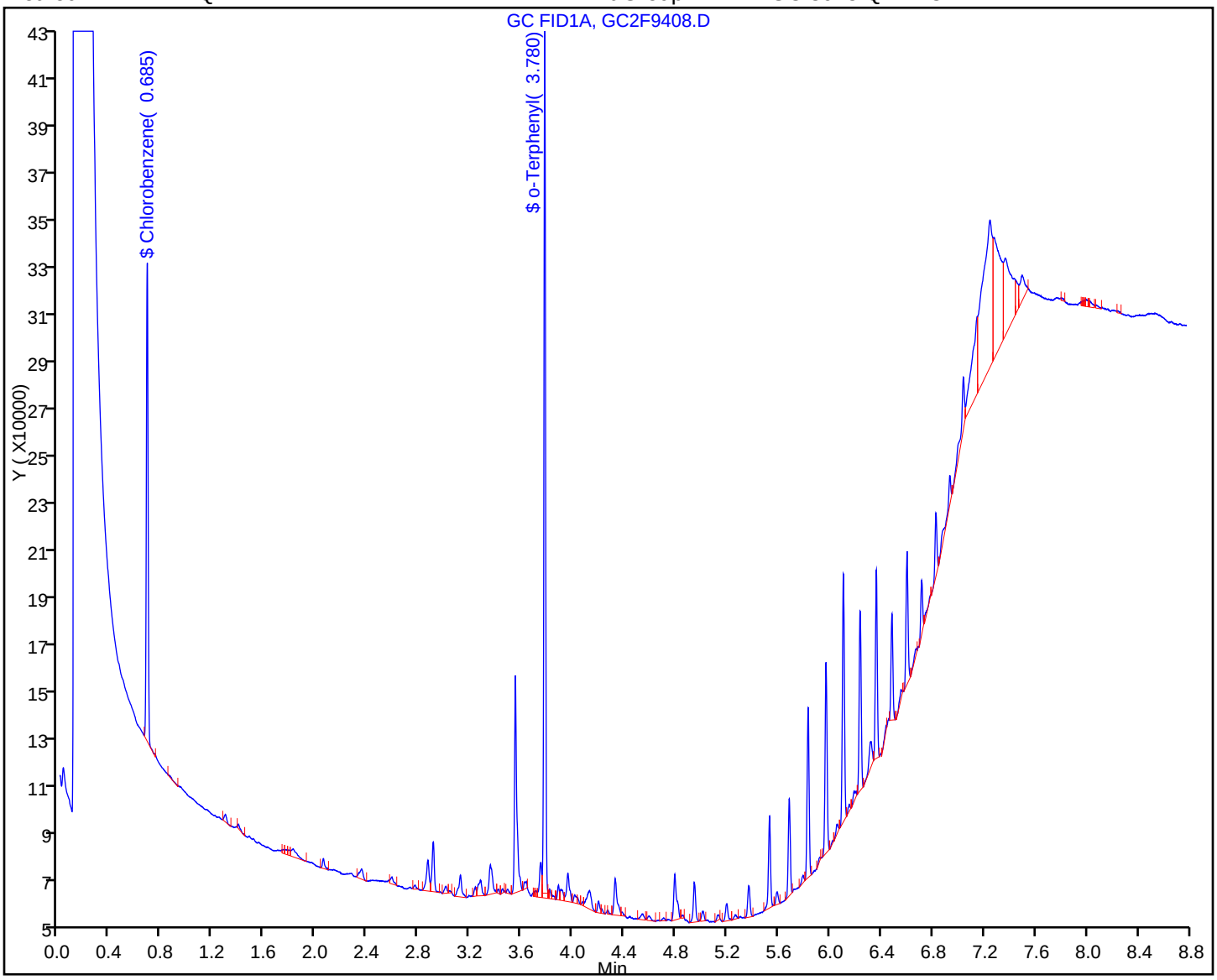
Lims ID: PIBLK

Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-212087/14

Matrix: Solid Lab File ID: GC2F9420.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 03/12/2014 11:44

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	92		50-105
108-90-7	Chlorobenzene	115		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9420.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 12-Mar-2014 11:44:18 ALS Bottle#: 4 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-014
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:11 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

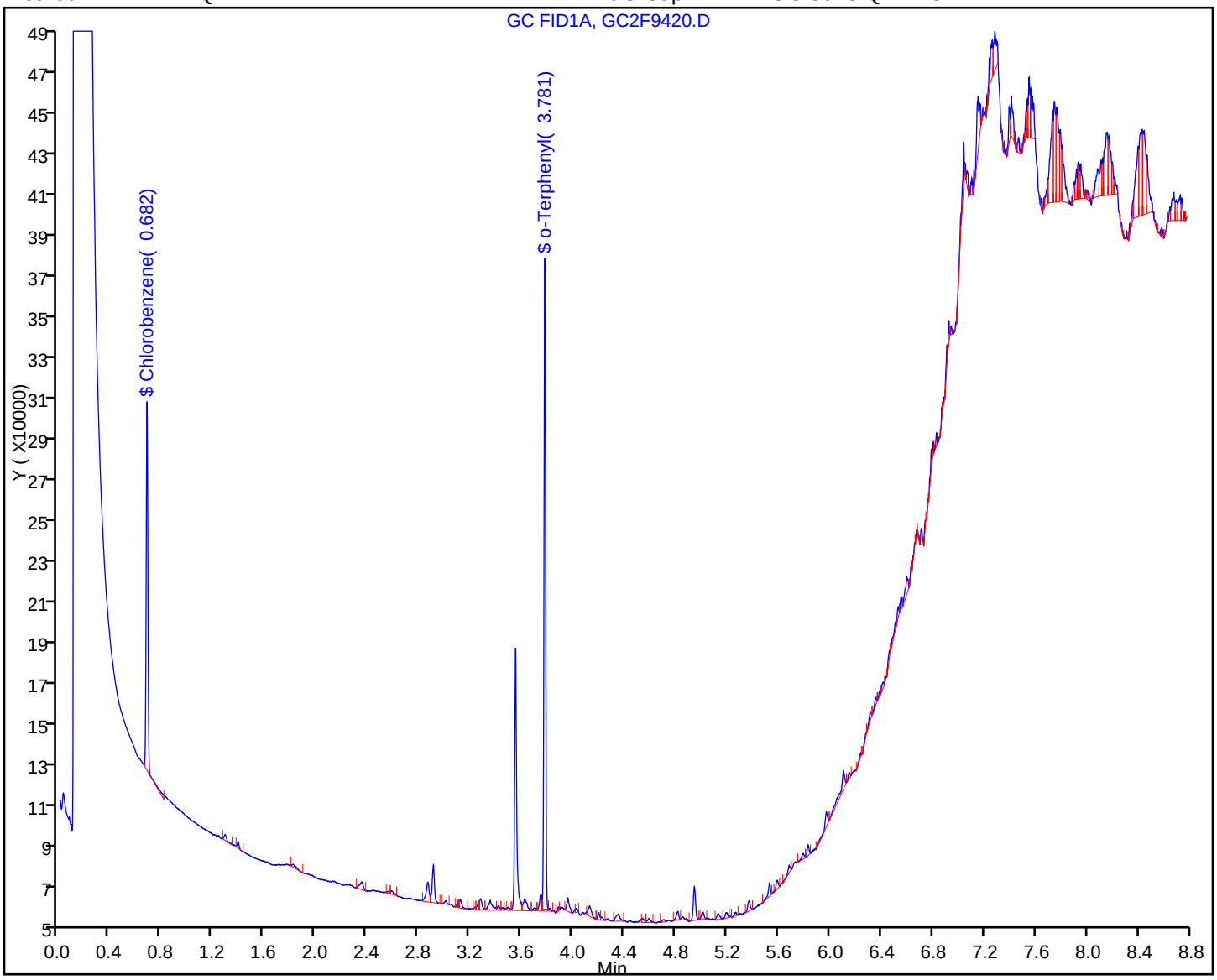
First Level Reviewer: nimerd Date: 13-Mar-2014 10:40:19

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.682	0.676	0.006	168628	7.13	
$ 4 o-Terphenyl					
3.781	3.782	-0.001	275144	5.71	

Report Date: 13-Mar-2014 11:01:20 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9420.D				
Injection Date:	12-Mar-2014 11:44:18	Instrument ID:	CBNAGC2		
Lims ID:	piblk				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-212087/25

Matrix: Solid Lab File ID: GC2F9431.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 03/12/2014 14:13

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	93		50-105
108-90-7	Chlorobenzene	114		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9431.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 12-Mar-2014 14:13:59 ALS Bottle#: 4 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-025
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:20 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:44:25

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					M
0.681	0.676	0.005	167012	7.06	M
$ 4 o-Terphenyl					
3.779	3.782	-0.003	277567	5.76	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 13-Mar-2014 11:01:28 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9431.D

Injection Date: 12-Mar-2014 14:13:59 Instrument ID: CBNAGC2

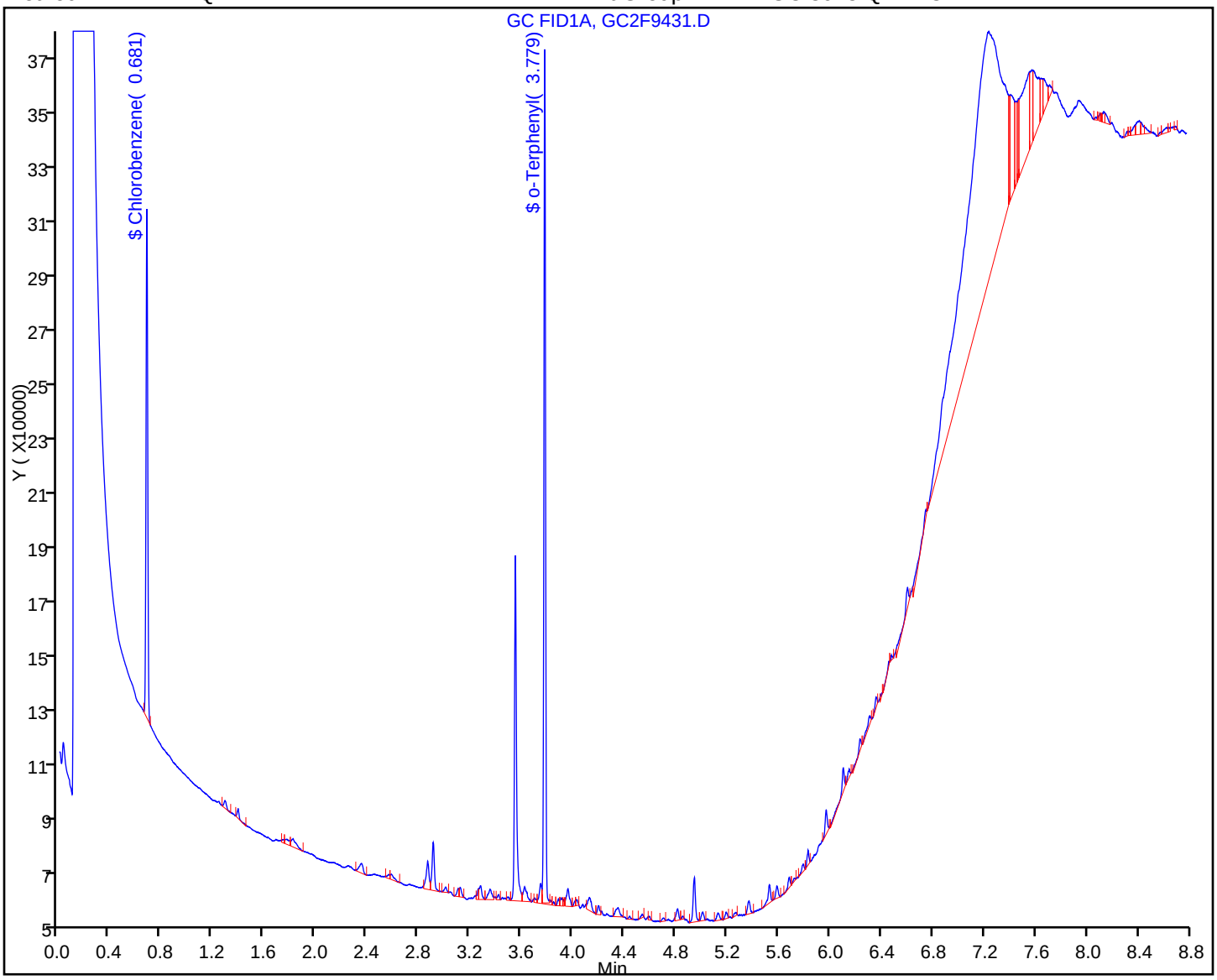
Lims ID: piblk

Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



Manual Integration/User Assign Peak Report

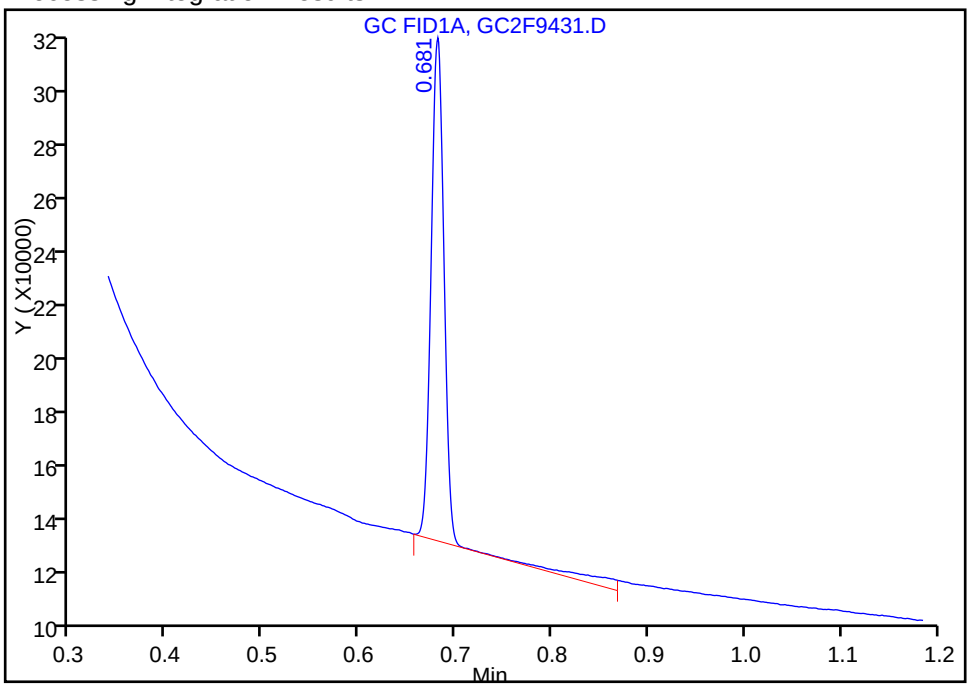
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9431.D				
Injection Date:	12-Mar-2014 14:13:59	Instrument ID:	CBNAGC2		
Lims ID:	piblk				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		
Column:		Detector	GC FID2B		

$ 5 Chlorobenzene, CAS: 108-90-7

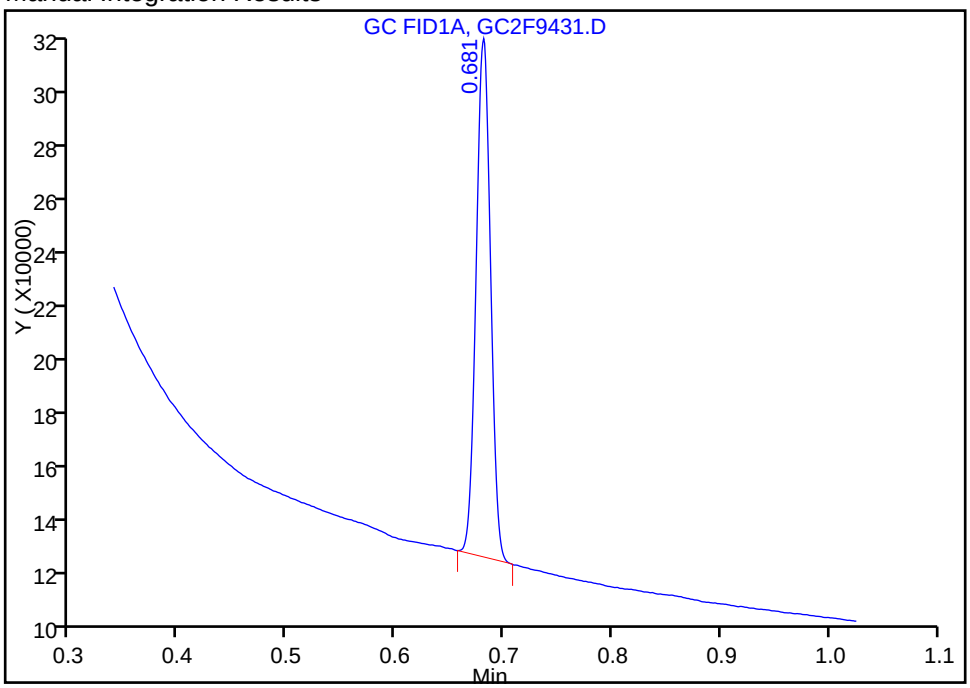
Processing Integration Results

RT: 0.68
Response: 179815
Amount: 7.599166



Manual Integration Results

RT: 0.68
Response: 167012
Amount: 7.058098



Reviewer: nimerd, 13-Mar-2014 10:44:36
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-212087/32

Matrix: Solid Lab File ID: GC2F9438.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 03/12/2014 15:49

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	92		50-105
108-90-7	Chlorobenzene	116		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9438.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 12-Mar-2014 15:49:13 ALS Bottle#: 4 Worklist Smp#: 32
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-032
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:28 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:46:06

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					M
0.682	0.676	0.006	170118	7.19	M
$ 4 o-Terphenyl					
3.778	3.782	-0.004	274211	5.69	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 13-Mar-2014 11:01:33 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9438.D

Injection Date: 12-Mar-2014 15:49:13 Instrument ID: CBNAGC2

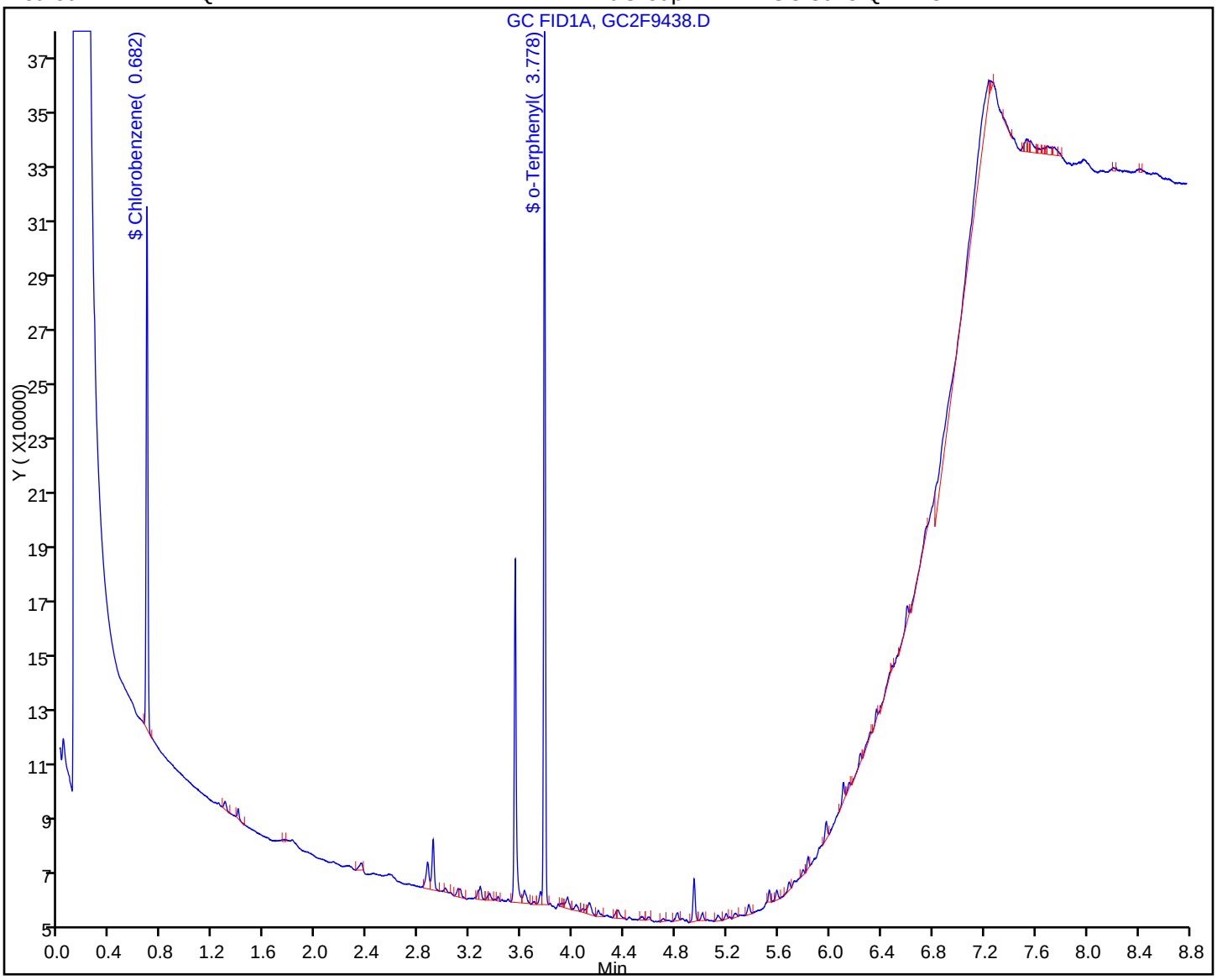
Lims ID: piblk

Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 32

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



Manual Integration/User Assign Peak Report

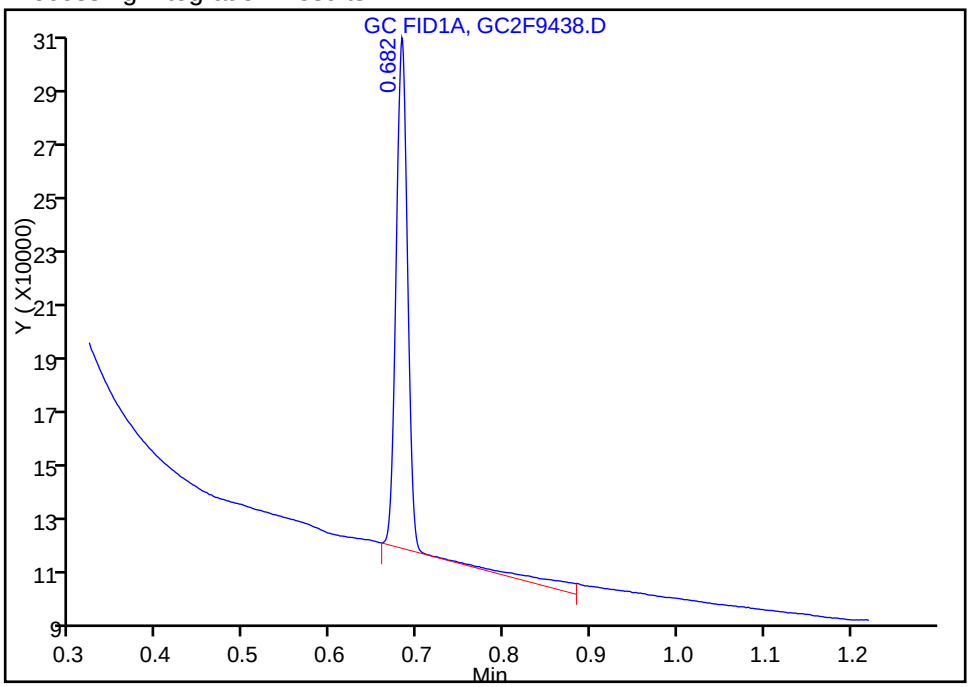
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9438.D				
Injection Date:	12-Mar-2014 15:49:13	Instrument ID:	CBNAGC2		
Lims ID:	piblk				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	32
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		
Column:		Detector	GC FID2B		

$ 5 Chlorobenzene, CAS: 108-90-7

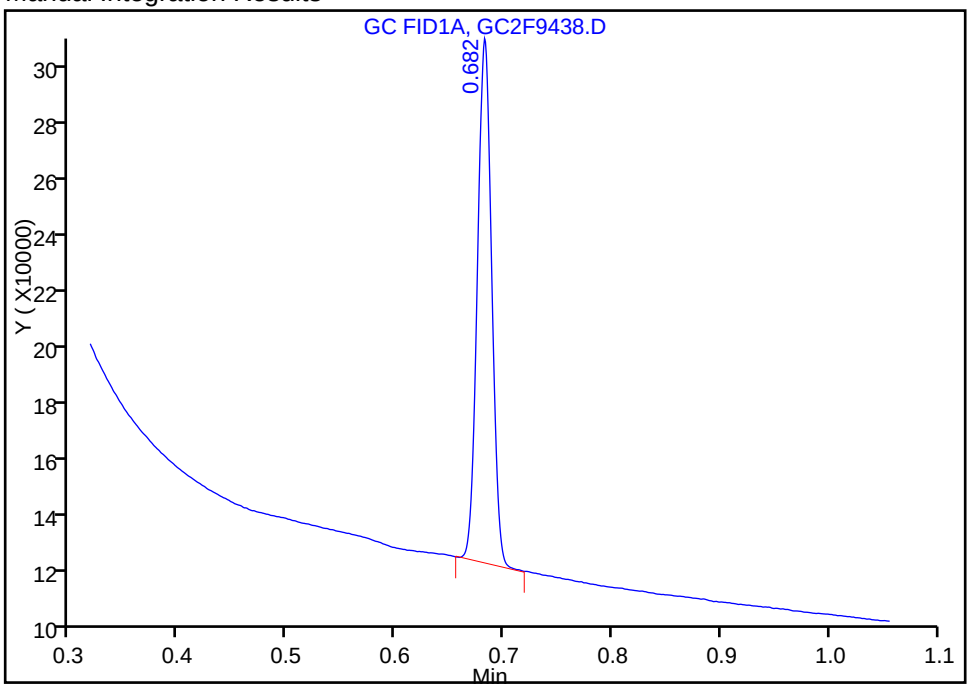
Processing Integration Results

RT: 0.68
Response: 184672
Amount: 7.804428



Manual Integration Results

RT: 0.68
Response: 170118
Amount: 7.189361



Reviewer: nimerd, 13-Mar-2014 10:46:06
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-212087/44

Matrix: Solid Lab File ID: GC2F9450.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 03/12/2014 18:32

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	95		50-105
108-90-7	Chlorobenzene	118		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9450.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 12-Mar-2014 18:32:27 ALS Bottle#: 4 Worklist Smp#: 44
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-044
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:33 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:47:42

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					M
0.681	0.676	0.005	173682	7.34	M
$ 4 o-Terphenyl					
3.779	3.782	-0.003	282742	5.87	

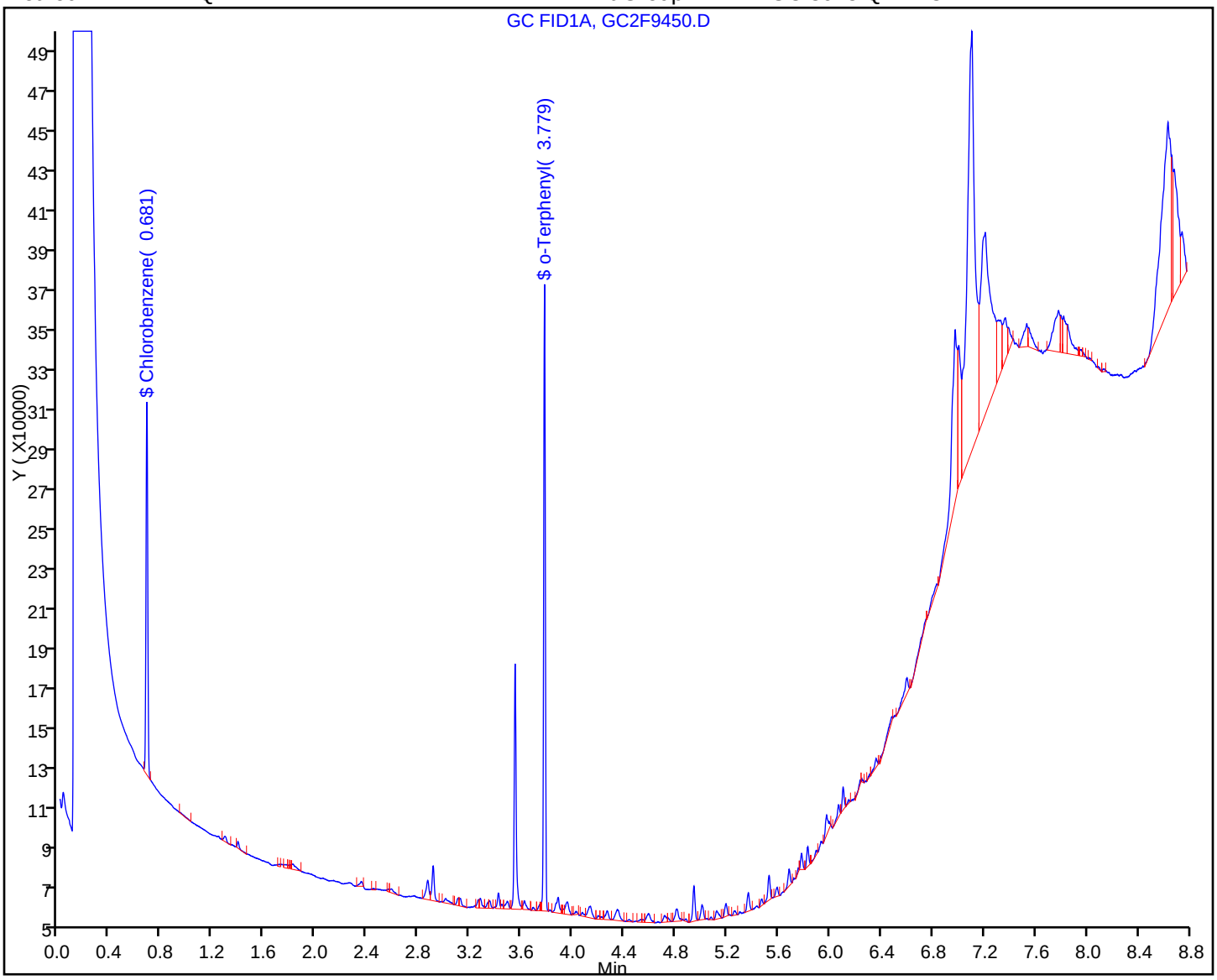
QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 13-Mar-2014 11:01:42 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9450.D				
Injection Date:	12-Mar-2014 18:32:27	Instrument ID:	CBNAGC2		
Lims ID:	piblk				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	44
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



Manual Integration/User Assign Peak Report

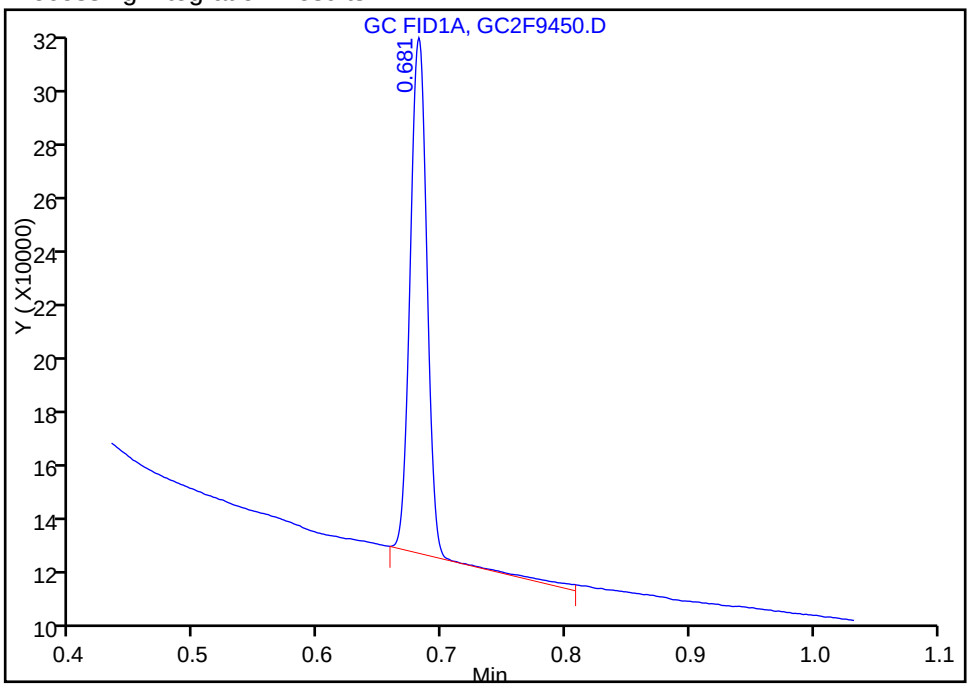
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9450.D				
Injection Date:	12-Mar-2014 18:32:27	Instrument ID:	CBNAGC2		
Lims ID:	piblk				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	44
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		
Column:		Detector	GC FID2B		

$ 5 Chlorobenzene, CAS: 108-90-7

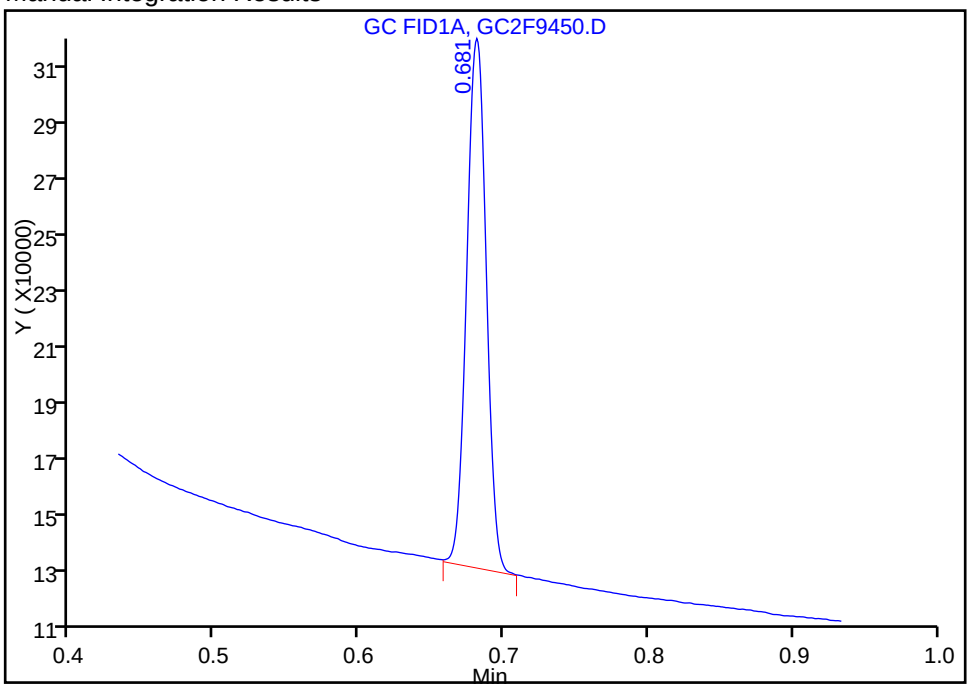
Processing Integration Results

RT: 0.68
Response: 176971
Amount: 7.478976



Manual Integration Results

RT: 0.68
Response: 173682
Amount: 7.339979



Reviewer: nimerd, 13-Mar-2014 10:47:42
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-212087/54

Matrix: Solid Lab File ID: GC2F9460.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 03/12/2014 20:48

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	92		50-105
108-90-7	Chlorobenzene	119		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9460.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 12-Mar-2014 20:48:52 ALS Bottle#: 4 Worklist Smp#: 54
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-054
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:42 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 10:55:56

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.679	0.676	0.003	174464	7.37	
$ 4 o-Terphenyl					
3.776	3.782	-0.006	275107	5.71	

Report Date: 13-Mar-2014 11:01:49 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9460.D

Injection Date: 12-Mar-2014 20:48:52 Instrument ID: CBNAGC2

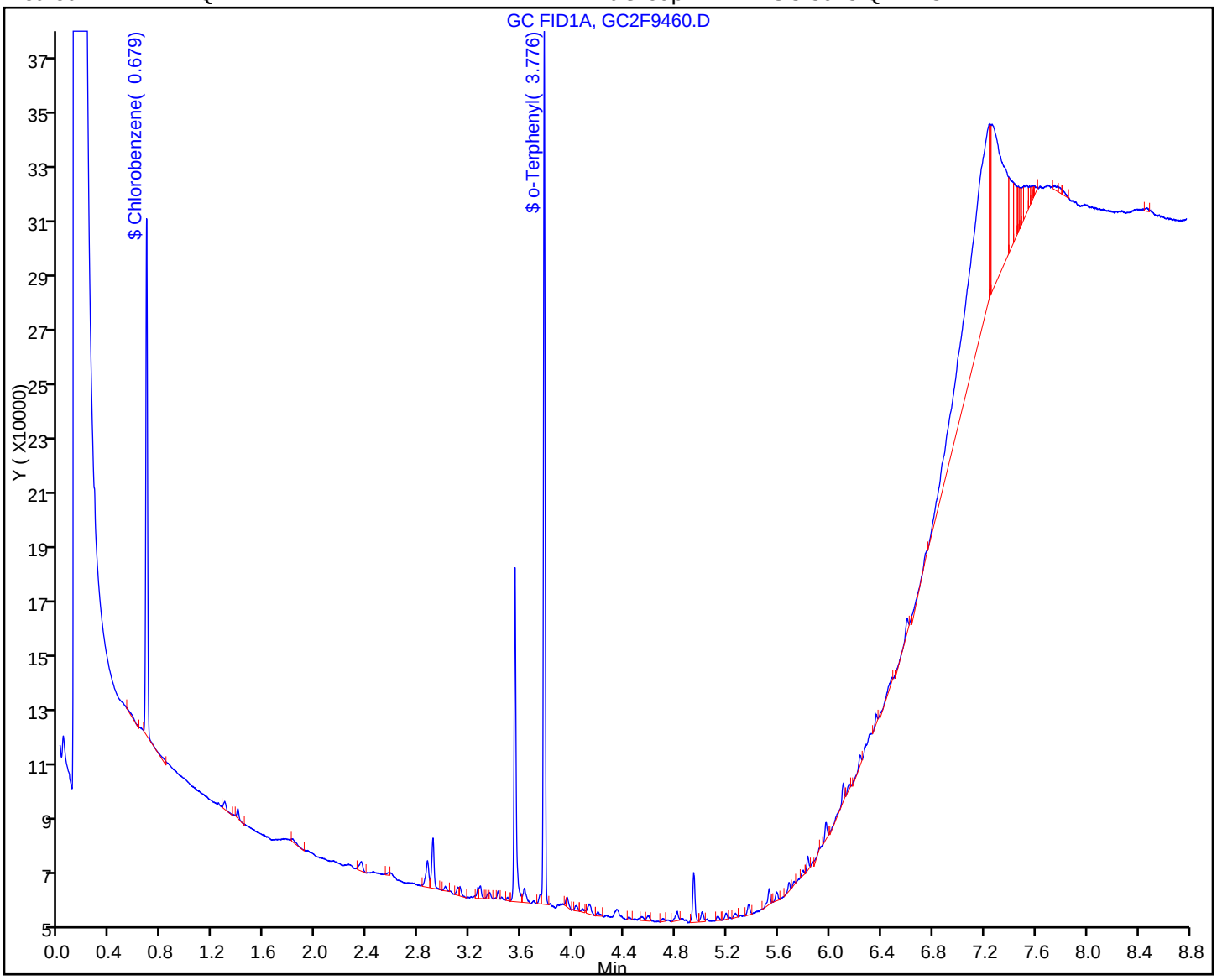
Lims ID: piblk

Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 54

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-212087/62

Matrix: Solid Lab File ID: GC2F9468.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 03/12/2014 22:37

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	92		50-105
108-90-7	Chlorobenzene	118		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9468.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 12-Mar-2014 22:37:58 ALS Bottle#: 4 Worklist Smp#: 62
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-062
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:49 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 07:06:34

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					M
0.680	0.676	0.004	173275	7.32	M
$ 4 o-Terphenyl					
3.777	3.782	-0.005	273481	5.68	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 13-Mar-2014 11:01:54 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9468.D

Injection Date: 12-Mar-2014 22:37:58 Instrument ID: CBNAGC2

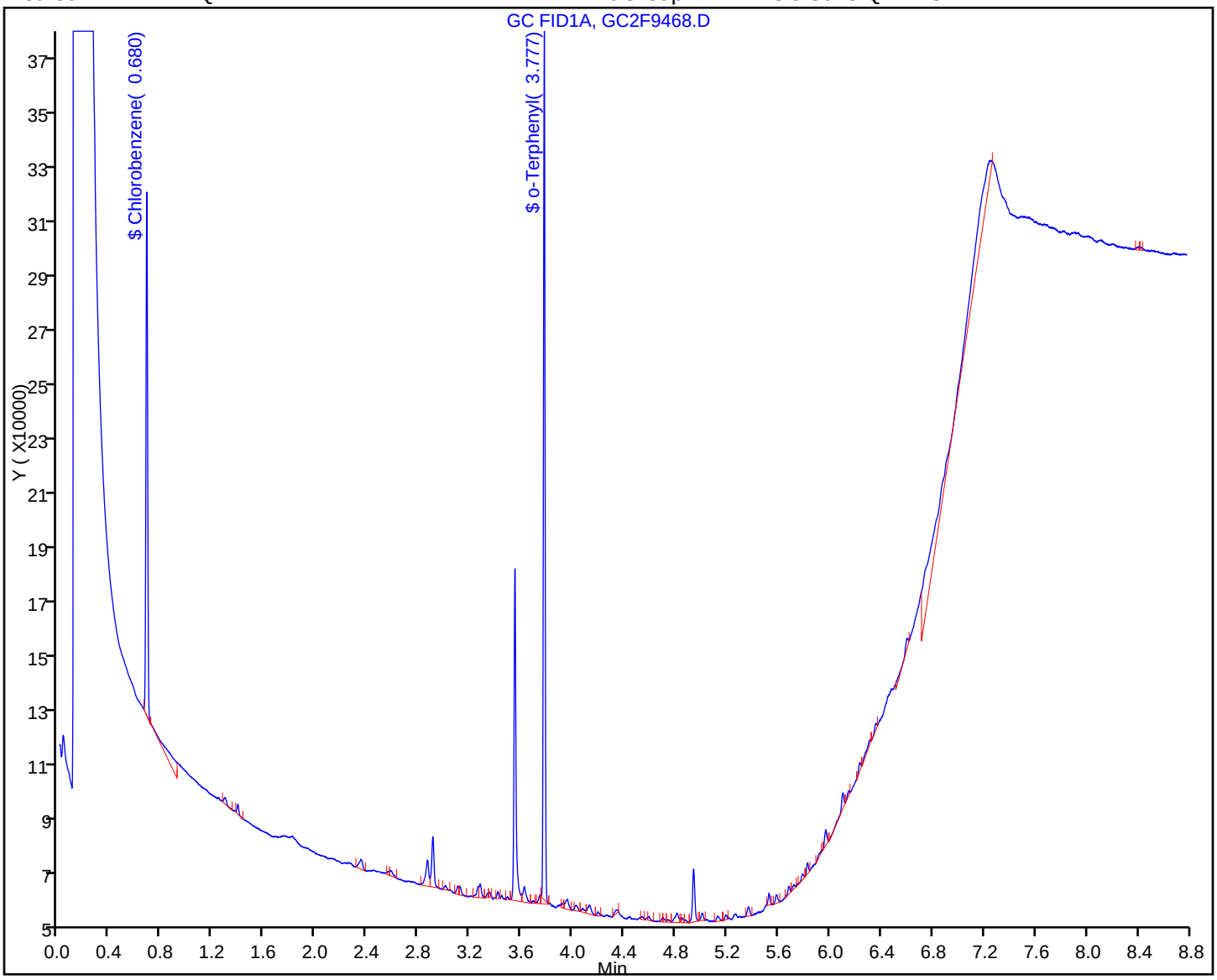
Lims ID: piblk

Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 62

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



Manual Integration/User Assign Peak Report

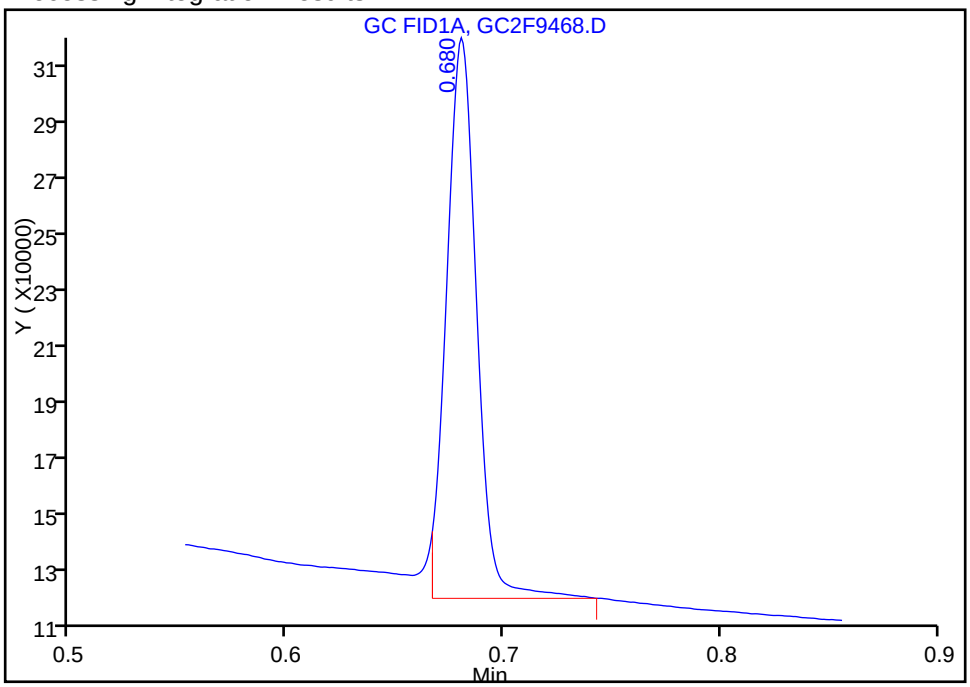
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9468.D				
Injection Date:	12-Mar-2014 22:37:58	Instrument ID:	CBNAGC2		
Lims ID:	piblk				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	62
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		
Column:		Detector	GC FID2B		

$ 5 Chlorobenzene, CAS: 108-90-7

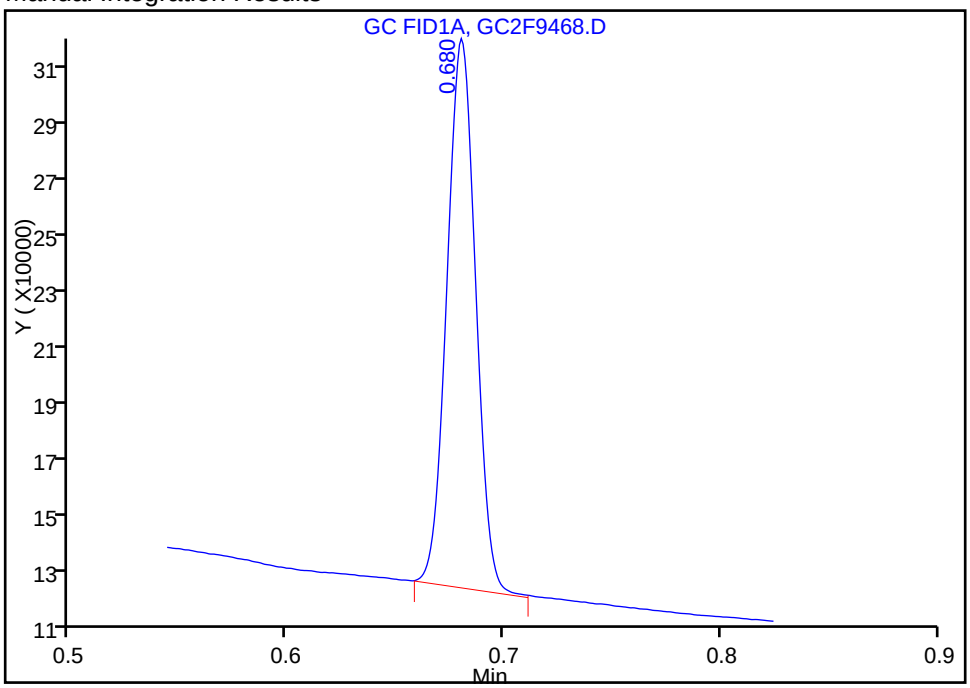
Processing Integration Results

RT: 0.68
Response: 185813
Amount: 7.852648



Manual Integration Results

RT: 0.68
Response: 173275
Amount: 7.322779



Reviewer: nimerd, 13-Mar-2014 07:06:34
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-211471/2-A

Matrix: Water Lab File ID: GC2F9324.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3510C Date Extracted: 03/09/2014 10:24

Sample wt/vol: 1000(mL) Date Analyzed: 03/11/2014 08:12

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 211769 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2.04		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	119		51-123
108-90-7	Chlorobenzene	87		42-93

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140311-10689.b\GC2F9324.D
Lims ID: LCS 460-211471/2-A
Client ID:
Sample Type: LCS
Inject. Date: 11-Mar-2014 08:12:06 ALS Bottle#: 7 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010689-005
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140311-10689.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 10:30:41 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: kimh Date: 11-Mar-2014 09:40:23

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.688	0.686	0.002	411685	17.4	
A	3 C8-C40					
	3.772	0.399 -	7.145	54592047	2043.4	k
$	4 o-Terphenyl					
	3.786	3.785	0.001	1142820	23.7	

QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 10:30:43 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140311-10689.b\GC2F9324.D

Injection Date: 11-Mar-2014 08:12:06 Instrument ID: CBNAGC2

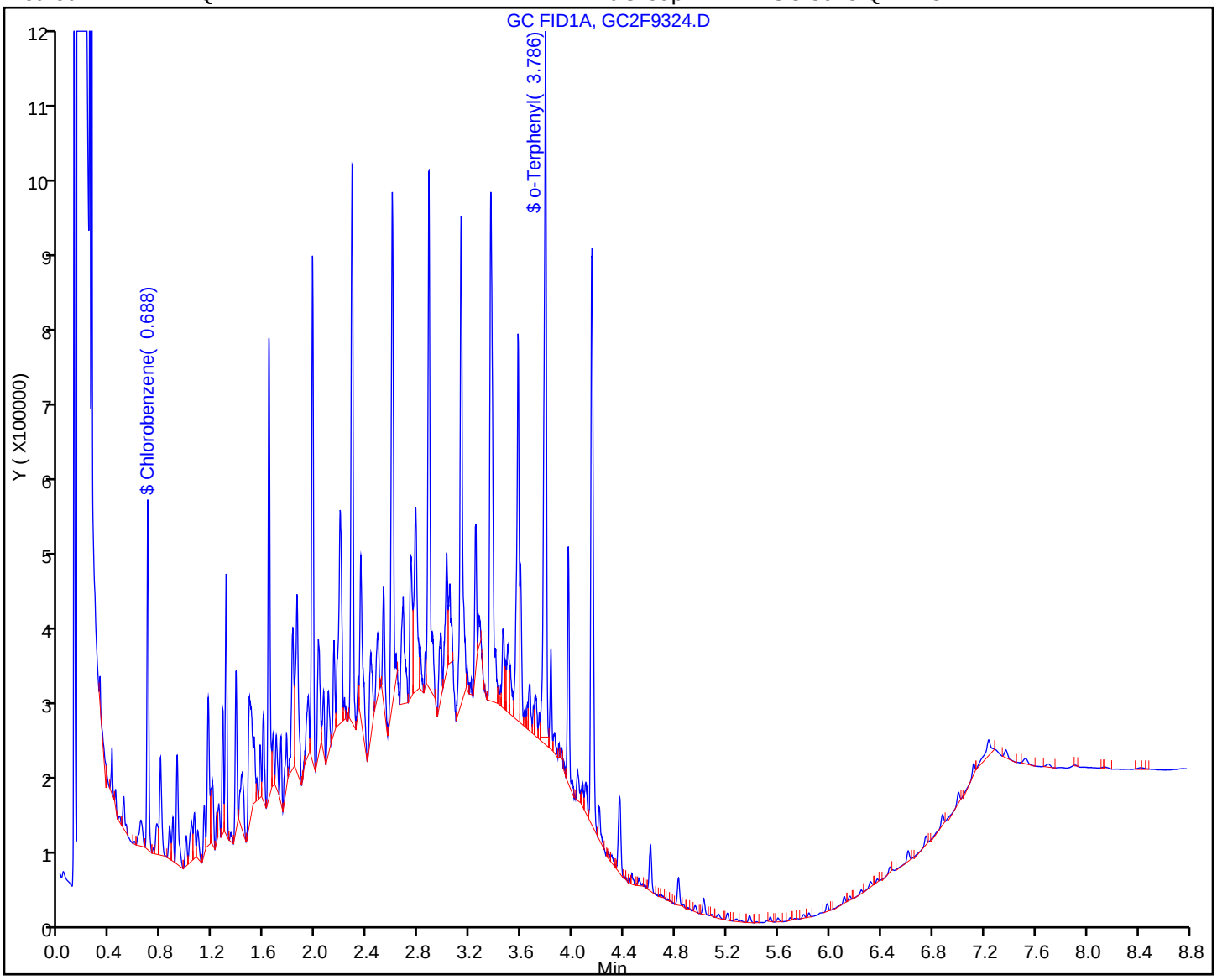
Lims ID: LCS 460-211471/2-A

Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-211687/2-A

Matrix: Solid Lab File ID: GC2F9411.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/10/2014 14:38

Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 09:41

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	149		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	97		50-105
108-90-7	Chlorobenzene	100	X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9411.D
Lims ID: LCS 460-211687/2-A
Client ID:
Sample Type: LCS
Inject. Date: 12-Mar-2014 09:41:51 ALS Bottle#: 25 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-005
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:11 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 08:33:32

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.685	0.676	0.009	475037	20.1	
A	3 C8-C40					M
	3.770	0.393 -	7.147	59634601	2232.2	kM
$	4 o-Terphenyl					M
	3.781	3.782	-0.001	929924	19.3	M

QC Flag Legend

Processing Flags
k - Response Background Subtracted

Review Flags
M - Manually Integrated

Report Date: 13-Mar-2014 11:01:12 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9411.D

Injection Date: 12-Mar-2014 09:41:51 Instrument ID: CBNAGC2

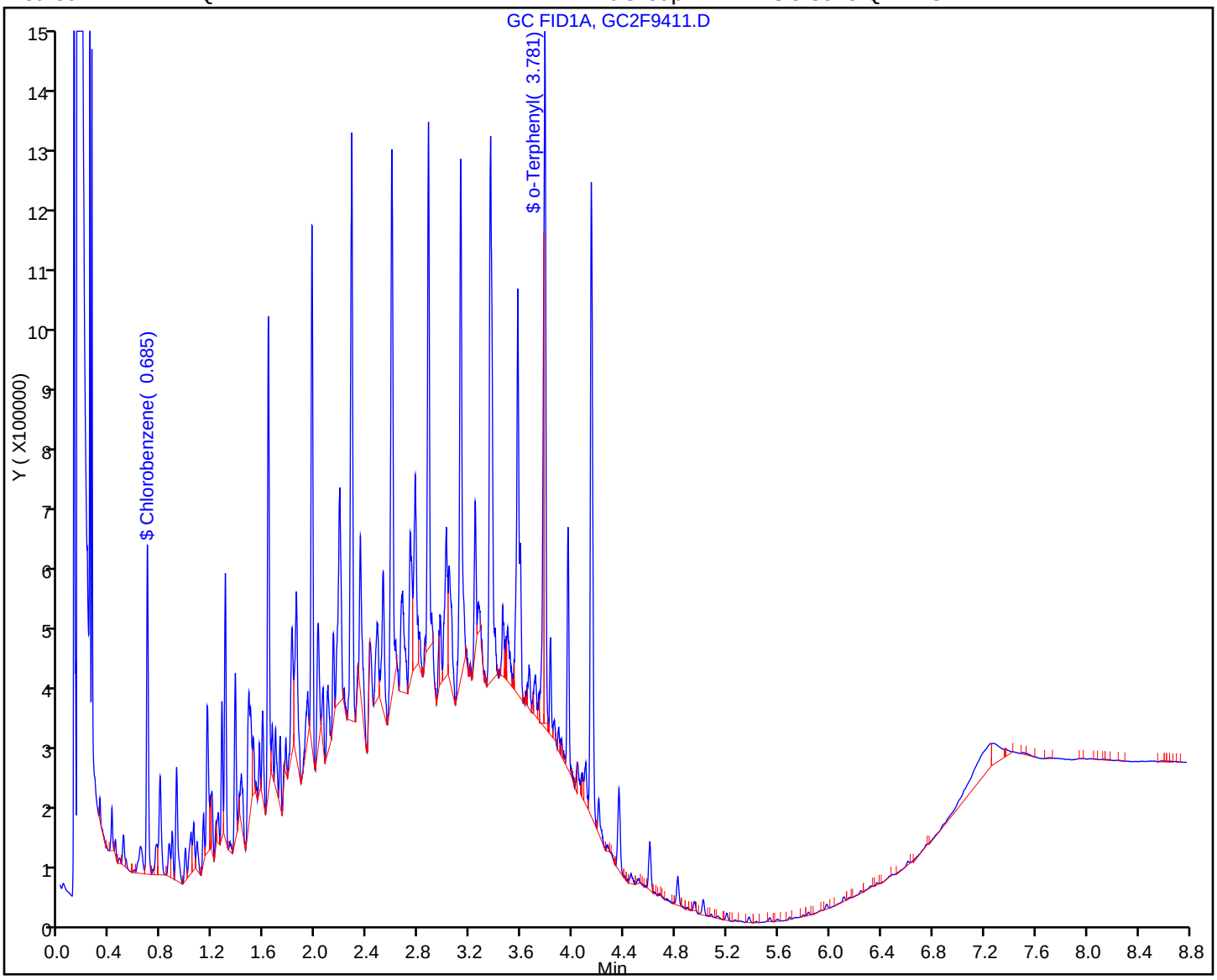
Lims ID: LCS 460-211687/2-A

Client ID:

Operator ID: ALS Bottle#: 25 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



Manual Integration/User Assign Peak Report

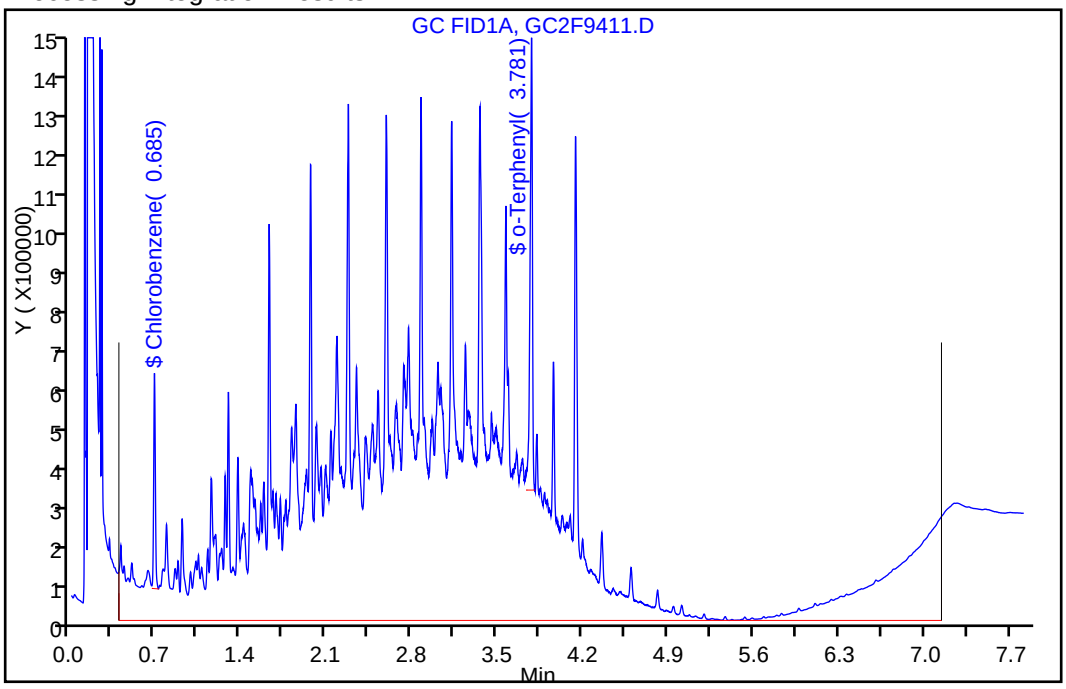
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9411.D
Injection Date: 12-Mar-2014 09:41:51 Instrument ID: CBNAGC2
Lims ID: LCS 460-211687/2-A
Client ID:
Operator ID: ALS Bottle#: 25 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: QAM2F Limit Group: GC 8015 QAM ICAL
Column: Detector GC FID2B

A 3 C8-C40, RT: 3.770, CAS: STL00303

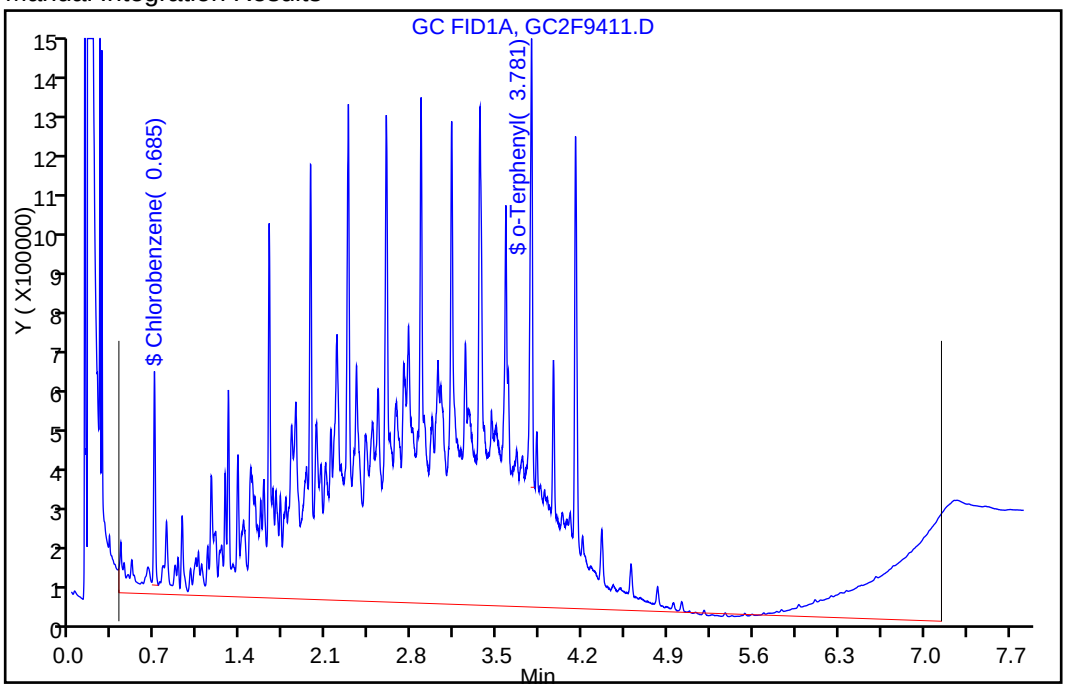
Processing Integration Results

RT: 3.77
Response: 68224773
Amount: 2553.7250



Manual Integration Results

RT: 3.77
Response: 59634601
Amount: 2232.1858



Reviewer: nimerd, 13-Mar-2014 08:33:32
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

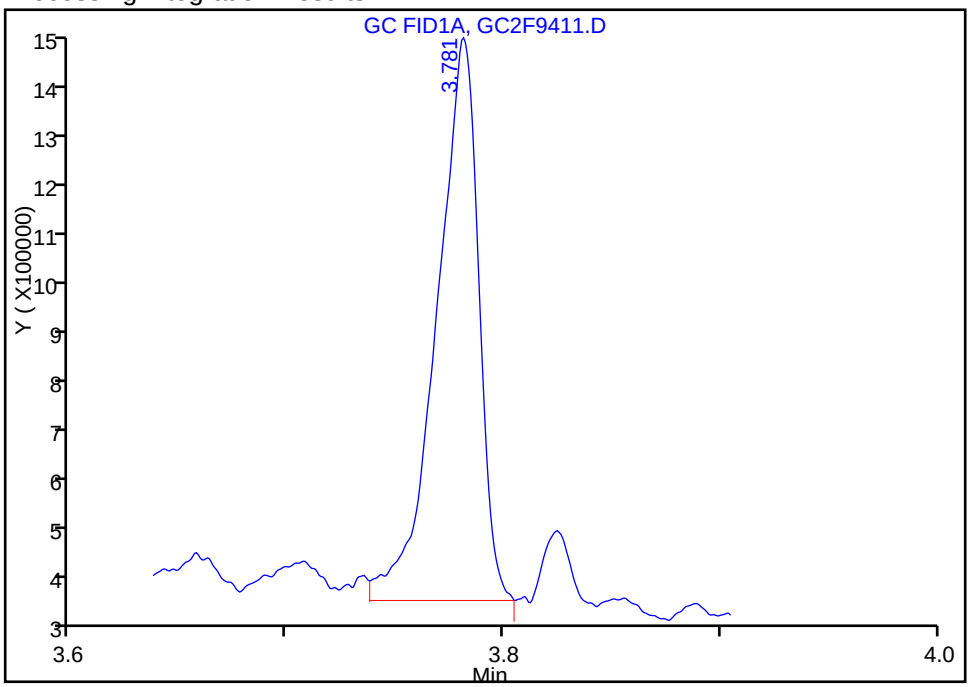
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9411.D				
Injection Date:	12-Mar-2014 09:41:51	Instrument ID:	CBNAGC2		
Lims ID:	LCS 460-211687/2-A				
Client ID:					
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		
Column:		Detector	GC FID2B		

$ 4 o-Terphenyl, CAS: 84-15-1

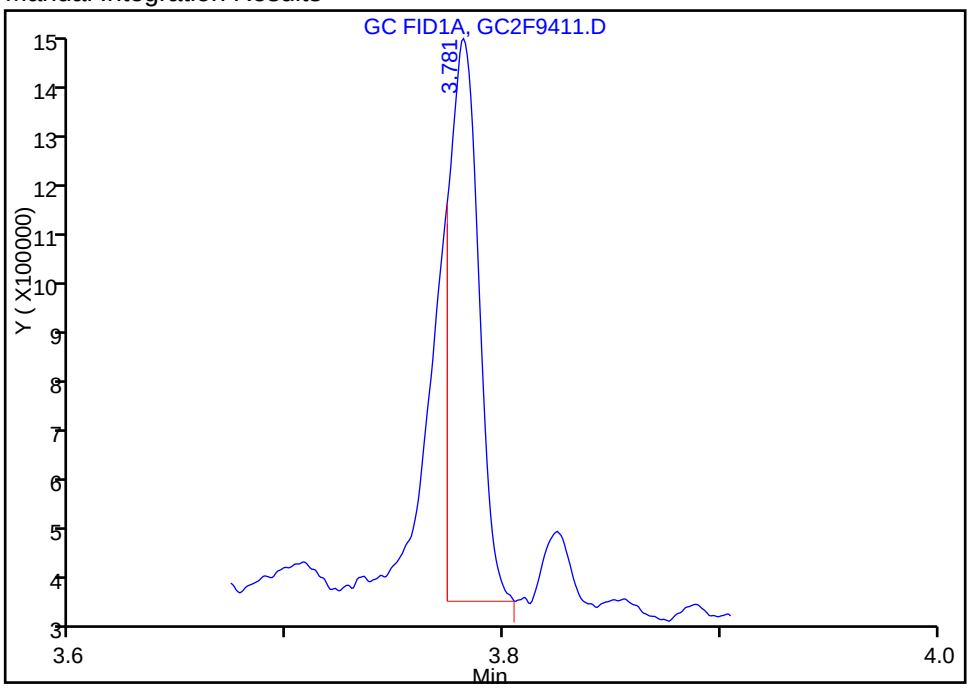
Processing Integration Results

RT: 3.78
Response: 1403573
Amount: 29.148267



Manual Integration Results

RT: 3.78
Response: 929924
Amount: 19.311908



Reviewer: nimerd, 13-Mar-2014 08:33:32
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-211688/2-A

Matrix: Solid Lab File ID: GC2F9441.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/10/2014 14:48

Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 16:29

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	149		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	103		50-105
108-90-7	Chlorobenzene	104	X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9441.D
Lims ID: LCS 460-211688/2-A
Client ID:
Sample Type: LCS
Inject. Date: 12-Mar-2014 16:29:58 ALS Bottle#: 49 Worklist Smp#: 35
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010762-035
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 11:01:33 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

First Level Reviewer: nimerd Date: 13-Mar-2014 08:28:13

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene	0.682	0.676	0.006	491023	20.8	
A 3 C8-C40						M
	3.770	0.393 -	7.147	59576848	2230.0	kM
$ 4 o-Terphenyl						M
	3.780	3.782	-0.002	993580	20.6	M

QC Flag Legend

Processing Flags
k - Response Background Subtracted

Review Flags
M - Manually Integrated

Report Date: 13-Mar-2014 11:01:36 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9441.D

Injection Date: 12-Mar-2014 16:29:58 Instrument ID: CBNAGC2

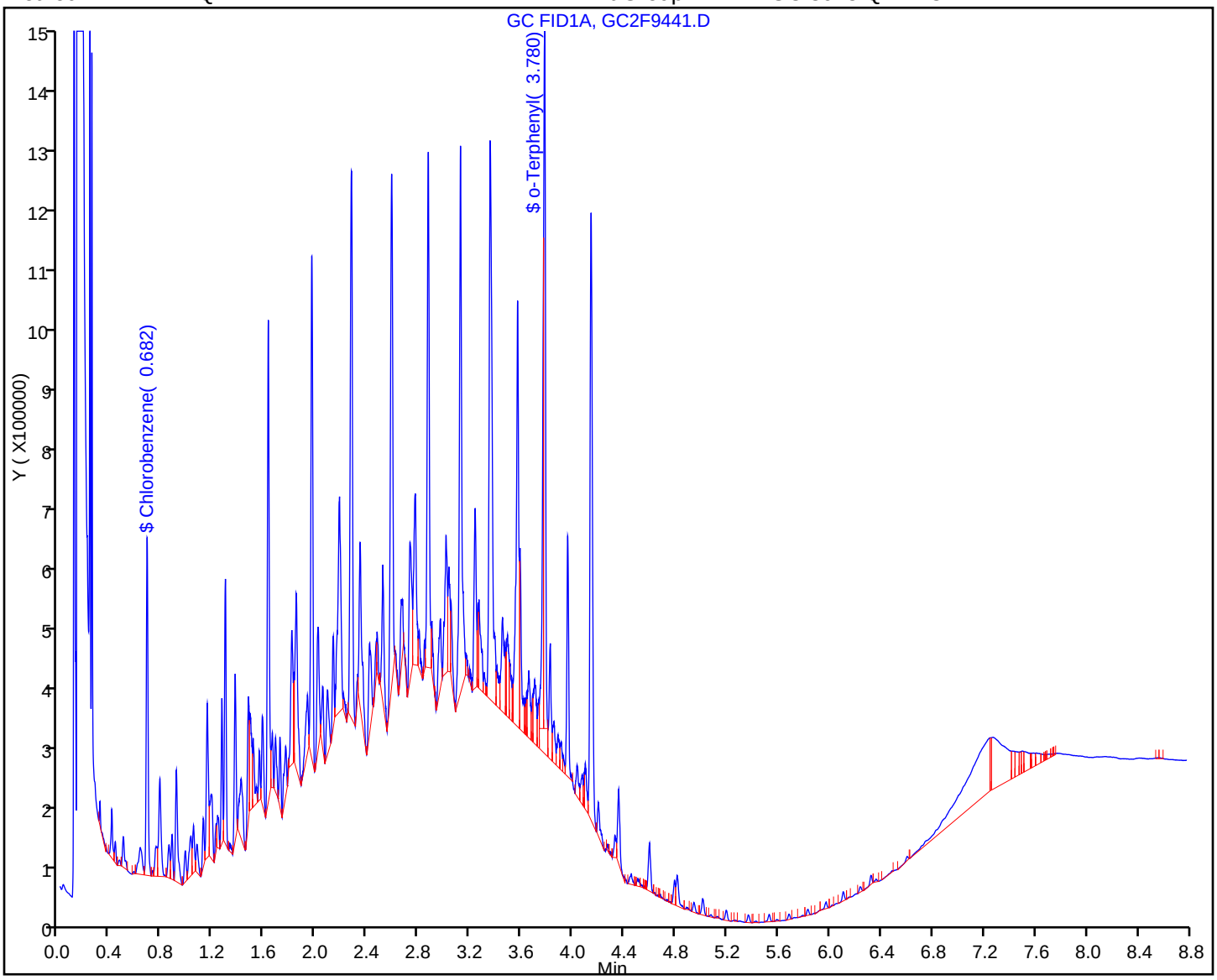
Lims ID: LCS 460-211688/2-A

Client ID:

Operator ID: ALS Bottle#: 49 Worklist Smp#: 35

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



Manual Integration/User Assign Peak Report

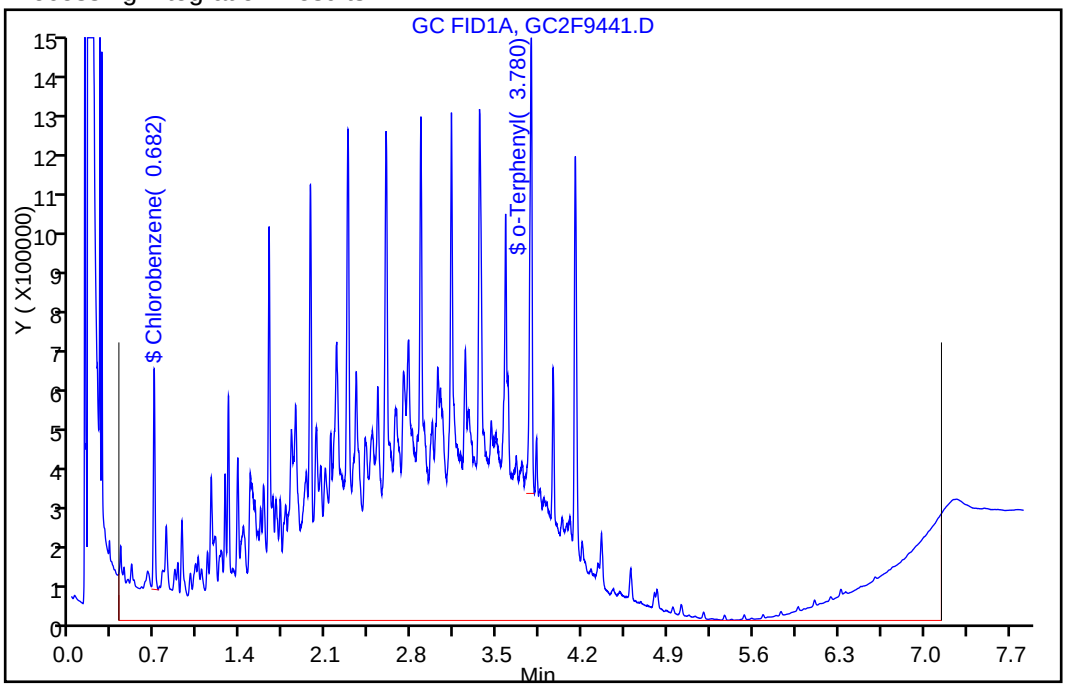
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9441.D
Injection Date: 12-Mar-2014 16:29:58 Instrument ID: CBNAGC2
Lims ID: LCS 460-211688/2-A
Client ID:
Operator ID: ALS Bottle#: 49 Worklist Smp#: 35
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: QAM2F Limit Group: GC 8015 QAM ICAL
Column: Detector GC FID2B

A 3 C8-C40, RT: 3.770, CAS: STL00303

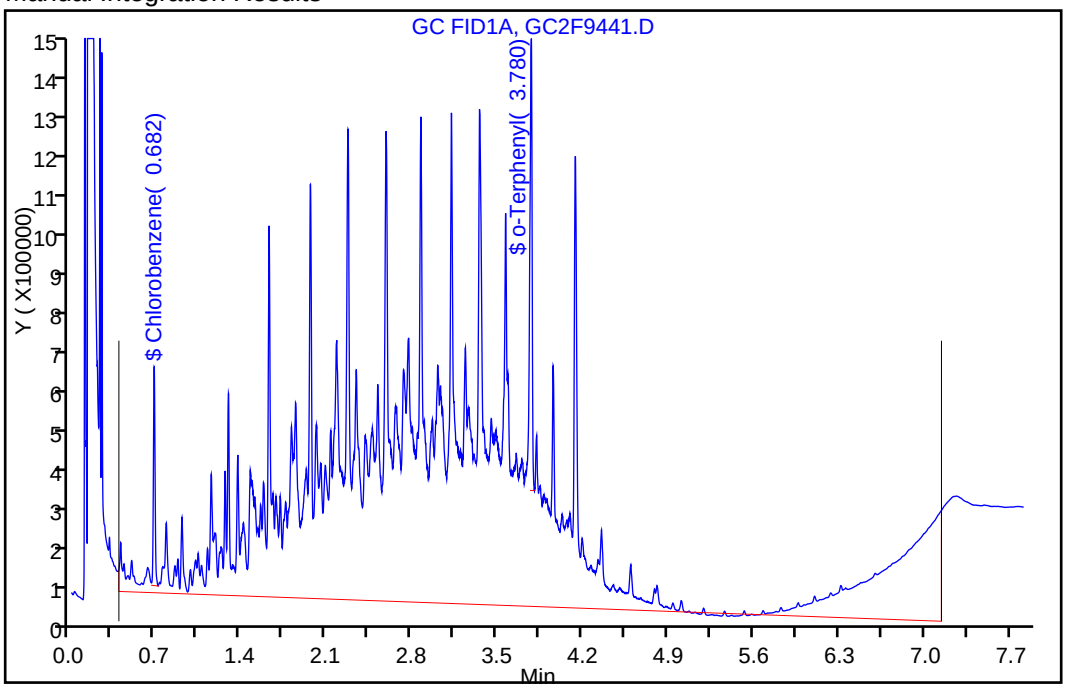
RT: 3.77
Response: 69164455
Amount: 2588.8983

Processing Integration Results



RT: 3.77
Response: 59576848
Amount: 2230.0241

Manual Integration Results



Reviewer: nimerd, 13-Mar-2014 08:34:16
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

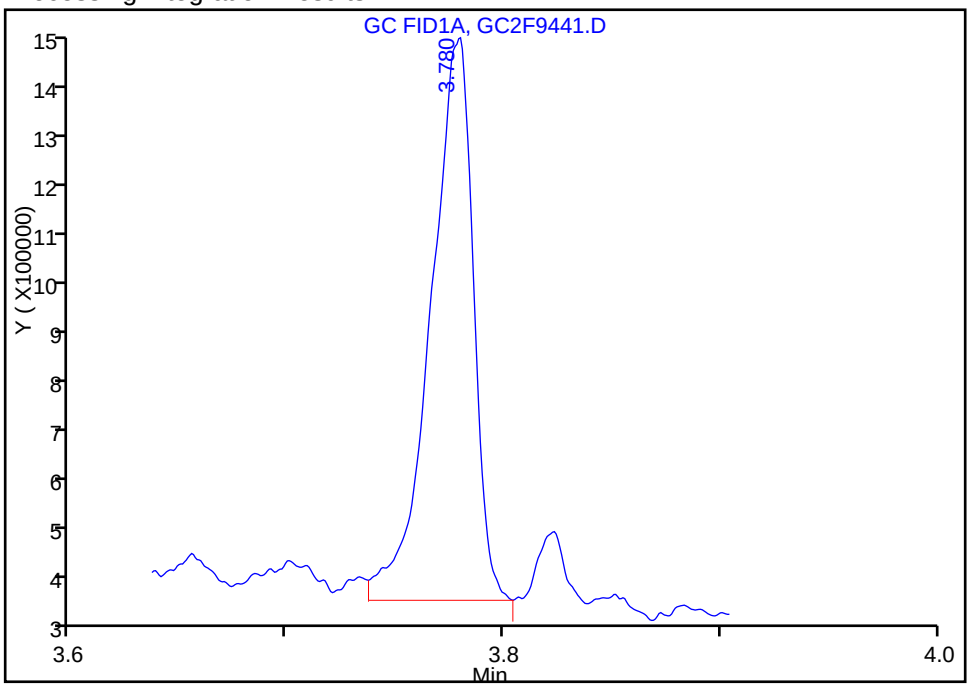
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9441.D				
Injection Date:	12-Mar-2014 16:29:58	Instrument ID:	CBNAGC2		
Lims ID:	LCS 460-211688/2-A				
Client ID:					
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	35
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		
Column:		Detector	GC FID2B		

$ 4 o-Terphenyl, CAS: 84-15-1

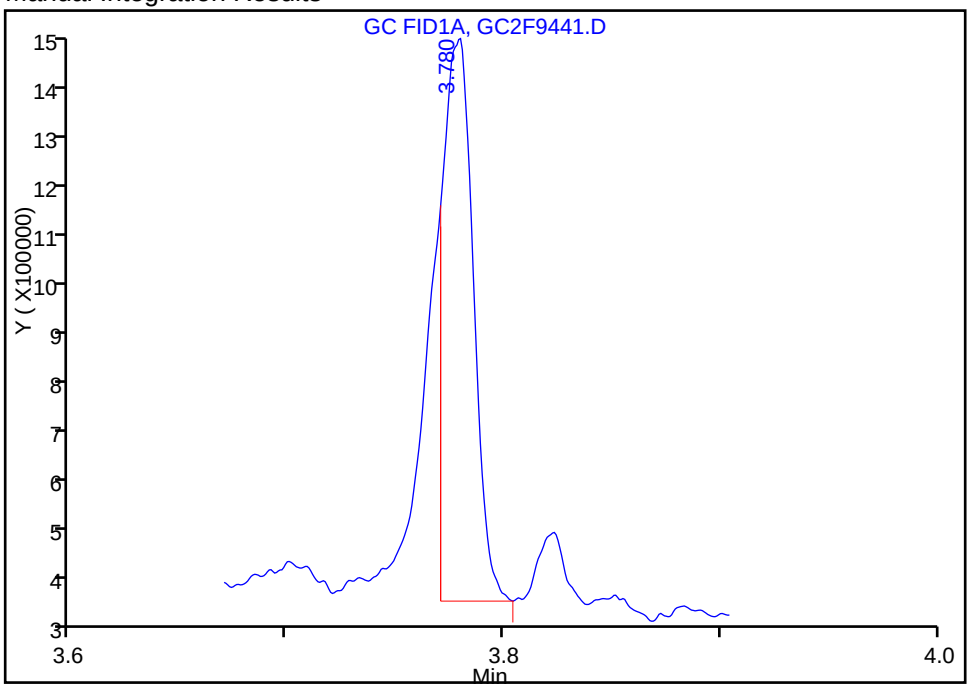
Processing Integration Results

RT: 3.78
Response: 1458674
Amount: 30.292560



Manual Integration Results

RT: 3.78
Response: 993580
Amount: 20.633864



Reviewer: nimerd, 13-Mar-2014 08:34:16
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-211471/3-A

Matrix: Water | Lab File ID: GC2F9325.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: 3510C | Date Extracted: 03/09/2014 10:24

Sample wt/vol: 1000(mL) | Date Analyzed: 03/11/2014 08:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 211769 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2.07		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	117		51-123
108-90-7	Chlorobenzene	85		42-93

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140311-10689.b\GC2F9325.D
Lims ID: LCSD 460-211471/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 11-Mar-2014 08:25:39 ALS Bottle#: 8 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0010689-006
Operator ID: Instrument ID: CBNAGC2

Method: \\EDICHROM\ChromData\CBNAGC2\20140311-10689.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 13-Mar-2014 10:30:41 Calib Date: 27-Feb-2014 02:10:43
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAGC2\20140226-10222.b\GC2F9093.D

Column 1 : Det: GC FID2B
Process Host: XAWRK033

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.686	0.686	0.0	400697	16.9	
A	3 C8-C40					
	3.772	0.399 -	7.145	55271885	2068.9	k
$	4 o-Terphenyl					
	3.786	3.785	0.001	1128848	23.4	

QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 13-Mar-2014 10:30:44 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140311-10689.b\GC2F9325.D

Injection Date: 11-Mar-2014 08:25:39 Instrument ID: CBNAGC2

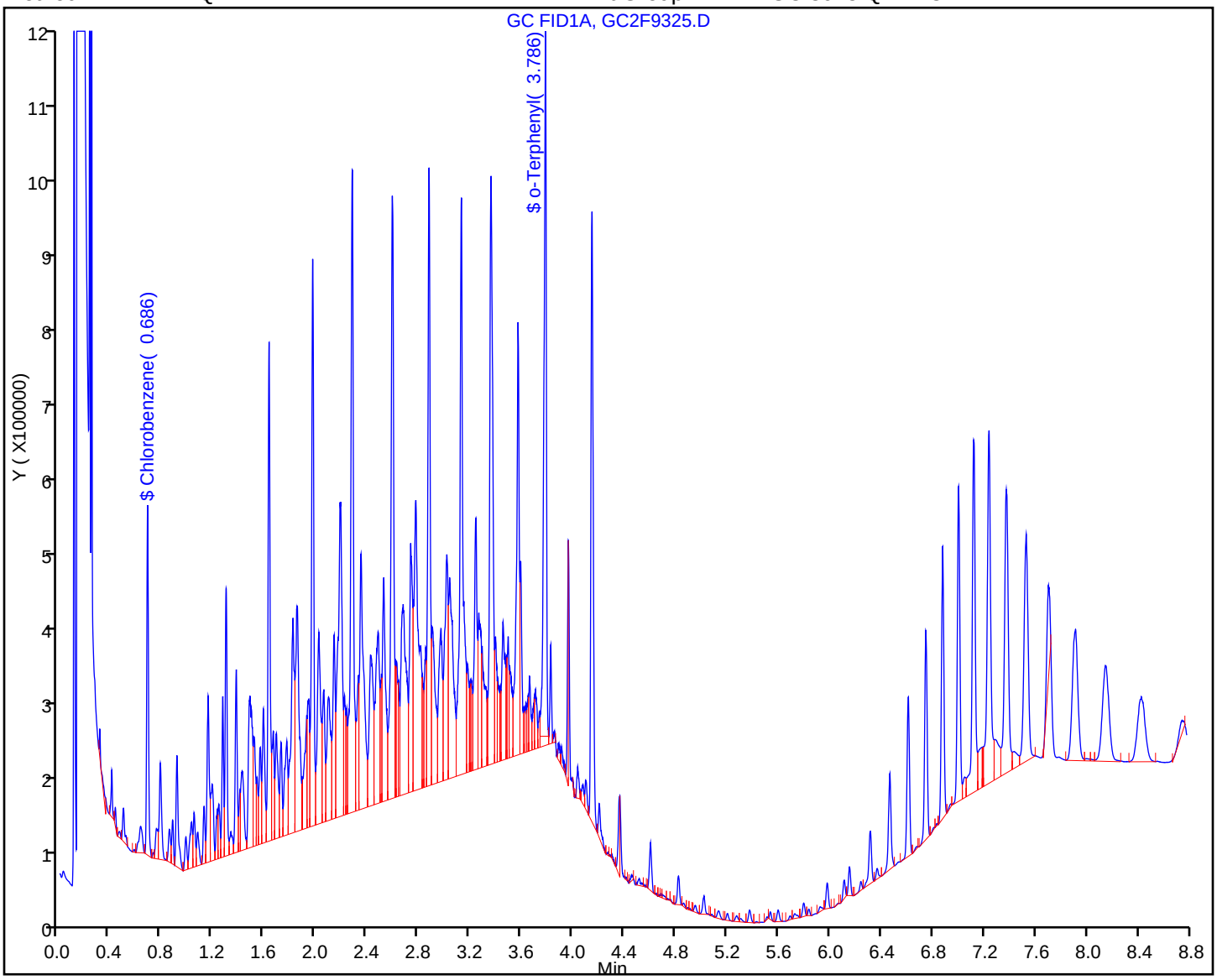
Lims ID: LCSD 460-211471/3-A

Client ID:

Operator ID: ALS Bottle#: 8 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-4SW-VD MS | Lab Sample ID: 460-72174-7 MS

Matrix: Solid | Lab File ID: GC2F9412.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 03/06/2014 10:10

Extraction Method: 3546 | Date Extracted: 03/10/2014 14:38

Sample wt/vol: 15.01(g) | Date Analyzed: 03/12/2014 09:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	95.9		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	54		50-105
108-90-7	Chlorobenzene	60		40-80

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-VD MS | Lab Sample ID: 460-72174-25 MS

Matrix: Solid | Lab File ID: GC2F9442.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 03/06/2014 16:45

Extraction Method: 3546 | Date Extracted: 03/10/2014 14:48

Sample wt/vol: 15.00(g) | Date Analyzed: 03/12/2014 16:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS | ID: 0.25(mm)

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	228		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	72		50-105
108-90-7	Chlorobenzene	78		40-80

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-4SW-VD MSD | Lab Sample ID: 460-72174-7 MSD

Matrix: Solid | Lab File ID: GC2F9413.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 03/06/2014 10:10

Extraction Method: 3546 | Date Extracted: 03/10/2014 14:38

Sample wt/vol: 15.01(g) | Date Analyzed: 03/12/2014 10:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	119		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	67		50-105
108-90-7	Chlorobenzene	72		40-80

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Client Sample ID: PMP-28SW-VD MSD Lab Sample ID: 460-72174-25 MSD

Matrix: Solid Lab File ID: GC2F9443.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/06/2014 16:45

Extraction Method: 3546 Date Extracted: 03/10/2014 14:48

Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 16:57

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 212087 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	272		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	72		50-105
108-90-7	Chlorobenzene	83	X	40-80

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CBNAGC2 Start Date: 02/27/2014 00:49

Analysis Batch Number: 209488 End Date: 02/27/2014 02:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		02/27/2014 00:49	1		Rtx-5MS 0.25(mm)
PIBLK 460-209488/2		02/27/2014 01:02	1		Rtx-5MS 0.25(mm)
STD1 460-209488/3 IC		02/27/2014 01:16	1	GC2F9089.D	Rtx-5MS 0.25(mm)
STD2 460-209488/4 IC		02/27/2014 01:30	1	GC2F9090.D	Rtx-5MS 0.25(mm)
STD3 460-209488/5 IC		02/27/2014 01:43	1	GC2F9091.D	Rtx-5MS 0.25(mm)
STD4 460-209488/6 IC		02/27/2014 01:57	1	GC2F9092.D	Rtx-5MS 0.25(mm)
STD5 460-209488/7 IC		02/27/2014 02:10	1	GC2F9093.D	Rtx-5MS 0.25(mm)
ICV 460-209488/8		02/27/2014 02:24	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CBNAGC2 Start Date: 03/11/2014 07:17

Analysis Batch Number: 211769 End Date: 03/11/2014 12:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/11/2014 07:17	1		Rtx-5MS 0.25(mm)
PIBLK 460-211769/2		03/11/2014 07:31	1	GC2F9321.D	Rtx-5MS 0.25(mm)
CCV 460-211769/3		03/11/2014 07:44	1	GC2F9322.D	Rtx-5MS 0.25(mm)
MB 460-211471/1-A		03/11/2014 07:58	1	GC2F9323.D	Rtx-5MS 0.25(mm)
LCS 460-211471/2-A		03/11/2014 08:12	1	GC2F9324.D	Rtx-5MS 0.25(mm)
LCSD 460-211471/3-A		03/11/2014 08:25	1	GC2F9325.D	Rtx-5MS 0.25(mm)
ZZZZZ		03/11/2014 08:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/11/2014 08:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/11/2014 09:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/11/2014 09:19	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/11/2014 09:33	1		Rtx-5MS 0.25(mm)
460-72174-28	FB-030614	03/11/2014 09:47	1	GC2F9331.D	Rtx-5MS 0.25(mm)
ZZZZZ		03/11/2014 10:00	1		Rtx-5MS 0.25(mm)
PIBLK 460-211769/14		03/11/2014 10:14	1	GC2F9333.D	Rtx-5MS 0.25(mm)
CCV 460-211769/15		03/11/2014 10:27	1	GC2F9334.D	Rtx-5MS 0.25(mm)
ZZZZZ		03/11/2014 10:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/11/2014 10:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/11/2014 11:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/11/2014 11:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/11/2014 11:35	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/11/2014 11:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/11/2014 12:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/11/2014 12:16	1		Rtx-5MS 0.25(mm)
PIBLK 460-211769/24		03/11/2014 12:30	1		Rtx-5MS 0.25(mm)
CCV 460-211769/25		03/11/2014 12:43	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CBNAGC2 Start Date: 03/12/2014 08:21

Analysis Batch Number: 212087 End Date: 03/12/2014 22:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/12/2014 08:21	1		Rtx-5MS 0.25(mm)
PIBLK 460-212087/2		03/12/2014 08:35	1	GC2F9408.D	Rtx-5MS 0.25(mm)
CCV 460-212087/3		03/12/2014 09:06	1	GC2F9409.D	Rtx-5MS 0.25(mm)
MB 460-211687/1-A		03/12/2014 09:28	1	GC2F9410.D	Rtx-5MS 0.25(mm)
LCS 460-211687/2-A		03/12/2014 09:41	1	GC2F9411.D	Rtx-5MS 0.25(mm)
460-72174-7 MS	PMP-4SW-VD MS	03/12/2014 09:55	1	GC2F9412.D	Rtx-5MS 0.25(mm)
460-72174-7 MSD	PMP-4SW-VD MSD	03/12/2014 10:09	1	GC2F9413.D	Rtx-5MS 0.25(mm)
460-72174-7	PMP-4SW-VD	03/12/2014 10:22	1	GC2F9414.D	Rtx-5MS 0.25(mm)
460-72174-1	PMP-14SW-VS	03/12/2014 10:36	2	GC2F9415.D	Rtx-5MS 0.25(mm)
460-72174-2	PMP-23SW-VS	03/12/2014 10:49	1	GC2F9416.D	Rtx-5MS 0.25(mm)
460-72174-3	PMP-23SW-VD	03/12/2014 11:03	1	GC2F9417.D	Rtx-5MS 0.25(mm)
460-72174-4	PMP-23SW-WT	03/12/2014 11:17	1	GC2F9418.D	Rtx-5MS 0.25(mm)
460-72174-5	PMP-8SW-VS	03/12/2014 11:30	5	GC2F9419.D	Rtx-5MS 0.25(mm)
PIBLK 460-212087/14		03/12/2014 11:44	1	GC2F9420.D	Rtx-5MS 0.25(mm)
CCV 460-212087/15		03/12/2014 11:57	1	GC2F9421.D	Rtx-5MS 0.25(mm)
460-72174-6	PMP-4SW-VS	03/12/2014 12:11	10	GC2F9422.D	Rtx-5MS 0.25(mm)
460-72174-8	PMP-22SW-VS	03/12/2014 12:25	5	GC2F9423.D	Rtx-5MS 0.25(mm)
460-72174-9	PMP-22SW-VD	03/12/2014 12:38	1	GC2F9424.D	Rtx-5MS 0.25(mm)
460-72174-10	PMP-22SW-WT	03/12/2014 12:52	1	GC2F9425.D	Rtx-5MS 0.25(mm)
460-72174-11	PMP-5SW-WT	03/12/2014 13:05	10	GC2F9426.D	Rtx-5MS 0.25(mm)
460-72174-12	PMP-5SW-SI	03/12/2014 13:19	20	GC2F9427.D	Rtx-5MS 0.25(mm)
460-72174-13	PMP-6SW-VD	03/12/2014 13:33	1	GC2F9428.D	Rtx-5MS 0.25(mm)
460-72174-14	PMP-6SW-WT	03/12/2014 13:46	5	GC2F9429.D	Rtx-5MS 0.25(mm)
460-72174-15	PMP-6SW-SI	03/12/2014 14:00	5	GC2F9430.D	Rtx-5MS 0.25(mm)
PIBLK 460-212087/25		03/12/2014 14:13	1	GC2F9431.D	Rtx-5MS 0.25(mm)
CCV 460-212087/26		03/12/2014 14:27	1	GC2F9432.D	Rtx-5MS 0.25(mm)
460-72174-16	PMP-2SW-VD	03/12/2014 14:41	1	GC2F9433.D	Rtx-5MS 0.25(mm)
460-72174-17	PMP-2SW-WT	03/12/2014 14:54	5	GC2F9434.D	Rtx-5MS 0.25(mm)
460-72174-18	PMP-2SW-SI	03/12/2014 15:08	1	GC2F9435.D	Rtx-5MS 0.25(mm)
460-72174-19	PMP-24SW-VS	03/12/2014 15:21	10	GC2F9436.D	Rtx-5MS 0.25(mm)
460-72174-20	PMP-24SW-VD	03/12/2014 15:35	20	GC2F9437.D	Rtx-5MS 0.25(mm)
PIBLK 460-212087/32		03/12/2014 15:49	1	GC2F9438.D	Rtx-5MS 0.25(mm)
CCV 460-212087/33		03/12/2014 16:02	1	GC2F9439.D	Rtx-5MS 0.25(mm)
MB 460-211688/1-A		03/12/2014 16:16	1	GC2F9440.D	Rtx-5MS 0.25(mm)
LCS 460-211688/2-A		03/12/2014 16:29	1	GC2F9441.D	Rtx-5MS 0.25(mm)
460-72174-25 MS	PMP-28SW-VD MS	03/12/2014 16:43	1	GC2F9442.D	Rtx-5MS 0.25(mm)
460-72174-25 MSD	PMP-28SW-VD MSD	03/12/2014 16:57	1	GC2F9443.D	Rtx-5MS 0.25(mm)
460-72174-25	PMP-28SW-VD	03/12/2014 17:10	1	GC2F9444.D	Rtx-5MS 0.25(mm)
460-72174-21	PMP-10SW-SD	03/12/2014 17:24	1	GC2F9445.D	Rtx-5MS 0.25(mm)
460-72174-22	PMP-13SW-WT	03/12/2014 17:37	50	GC2F9446.D	Rtx-5MS 0.25(mm)
460-72174-23	PMP-13SW-SI	03/12/2014 17:51	1	GC2F9447.D	Rtx-5MS 0.25(mm)
460-72174-24	PMP-13SW-SD	03/12/2014 18:05	1	GC2F9448.D	Rtx-5MS 0.25(mm)
460-72174-26	PMP-28SW-WT	03/12/2014 18:18	25	GC2F9449.D	Rtx-5MS 0.25(mm)
PIBLK 460-212087/44		03/12/2014 18:32	1	GC2F9450.D	Rtx-5MS 0.25(mm)
CCV 460-212087/45		03/12/2014 18:46	1	GC2F9451.D	Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: CBNAGC2 Start Date: 03/12/2014 08:21

Analysis Batch Number: 212087 End Date: 03/12/2014 22:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
460-72174-27	PMP-28SW-SI	03/12/2014 18:59	1	GC2F9452.D	Rtx-5MS 0.25(mm)
460-72174-29	PMP-24SW-WT	03/12/2014 19:13	50	GC2F9453.D	Rtx-5MS 0.25(mm)
460-72174-30	PMP-24SW-SI	03/12/2014 19:27	25	GC2F9454.D	Rtx-5MS 0.25(mm)
460-72174-31	PMP-7SW-VD	03/12/2014 19:40	5	GC2F9455.D	Rtx-5MS 0.25(mm)
460-72174-32	PMP-7SW-WI	03/12/2014 19:54	25	GC2F9456.D	Rtx-5MS 0.25(mm)
460-72174-33	PMP-7SW-SI	03/12/2014 20:07	10	GC2F9457.D	Rtx-5MS 0.25(mm)
460-72174-34	PMP-9SW-VD	03/12/2014 20:21	1	GC2F9458.D	Rtx-5MS 0.25(mm)
460-72174-35	PMP-9SW-WT	03/12/2014 20:35	10	GC2F9459.D	Rtx-5MS 0.25(mm)
PIBLK 460-212087/54		03/12/2014 20:48	1	GC2F9460.D	Rtx-5MS 0.25(mm)
CCV 460-212087/55		03/12/2014 21:02	1	GC2F9461.D	Rtx-5MS 0.25(mm)
460-72174-36	PMP-9SW-SI	03/12/2014 21:16	1	GC2F9462.D	Rtx-5MS 0.25(mm)
460-72174-37	PMP-10SW-WI	03/12/2014 21:29	5	GC2F9463.D	Rtx-5MS 0.25(mm)
460-72174-38	PMP-10SW-SI	03/12/2014 21:43	1	GC2F9464.D	Rtx-5MS 0.25(mm)
ZZZZZ		03/12/2014 21:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/12/2014 22:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/12/2014 22:24	20		Rtx-5MS 0.25(mm)
PIBLK 460-212087/62		03/12/2014 22:37	1	GC2F9468.D	Rtx-5MS 0.25(mm)
CCV 460-212087/63		03/12/2014 22:51	1	GC2F9469.D	Rtx-5MS 0.25(mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211471 Batch Start Date: 03/09/14 10:23 Batch Analyst: Wu, Huachi

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP Diesel#2 00001	OPQAMSU 00025	
MB 460-211471/1		3510C, NJ-OQA-QAM-025		7 SU	1000 mL	1 mL		1 mL	
LCS 460-211471/2		3510C, NJ-OQA-QAM-025		7 SU	1000 mL	1 mL	1 mL	1 mL	
LCSD 460-211471/3		3510C, NJ-OQA-QAM-025		7 SU	1000 mL	1 mL	1 mL	1 mL	
460-72174-J-28	FB-030614	3510C, NJ-OQA-QAM-025	T	<2 SU	990 mL	1 mL		1 mL	

Batch Notes	
Batch Comment	QAM
Person's name who did the concentration	Wuh
N-evap temperature	25 Celsius
Na2SO4 Lot Number	331103
Prep Solvent Lot #	64542
Prep Solvent Name	MECL2
Prep Solvent Volume Used	180 ML mL
Person's name who did the prep	Wuh
Uncorrected N-evap Temperature	25 Celsius
Uncorrected Temperature	35 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211687 Batch Start Date: 03/10/14 14:38 Batch Analyst: Windham, Frank H

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP Diesel#2 00001	OPQAMMS/SD 00025	OPQAMSU 00025	
MB 460-211687/1		3546, NJ-OQA-QAM-025		15.00 g	1 mL			1 mL	
LCS 460-211687/2		3546, NJ-OQA-QAM-025		15.00 g	1 mL	1 mL		1 mL	
460-72174-F-7 MS	PMP-4SW-VD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL		1 mL	1 mL	
460-72174-F-7 MSD	PMP-4SW-VD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL		1 mL	1 mL	
460-72174-F-7	PMP-4SW-VD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			0.5 mL	
460-72174-F-1	PMP-14SW-VS	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-72174-F-2	PMP-23SW-VS	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-72174-F-3	PMP-23SW-VD	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			0.5 mL	
460-72174-F-4	PMP-23SW-WT	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-72174-F-5	PMP-8SW-VS	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-72174-F-6	PMP-4SW-VS	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-72174-F-8	PMP-22SW-VS	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-72174-F-9	PMP-22SW-VD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-72174-F-10	PMP-22SW-WT	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211687 Batch Start Date: 03/10/14 14:38 Batch Analyst: Windham, Frank H

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP Diesel#2 00001	OPQAMMS/SD 00025	OPQAMSU 00025	
460-72174-F-11	PMP-5SW-WT	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-72174-F-12	PMP-5SW-SI	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-72174-F-13	PMP-6SW-VD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-72174-F-14	PMP-6SW-WT	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-72174-F-15	PMP-6SW-SI	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-72174-F-16	PMP-2SW-VD	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-72174-F-17	PMP-2SW-WT	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-72174-F-18	PMP-2SW-SI	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-72174-F-19	PMP-24SW-VS	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-72174-F-20	PMP-24SW-VD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211687 Batch Start Date: 03/10/14 14:38 Batch Analyst: Windham, Frank H

Batch Method: 3546 Batch End Date:

Batch Notes	
Balance ID	30
Batch Comment	QAM SOIL
Final Concentrator Volume	1 mL
MeCL2 Lot #	64542
Microwave Start Time	1930
Microwave Stop Time	2000
Na2SO4 Lot Number	331103
Person's name who did the prep	FW
Person who performed Spike	ME
Person who witnessed spiking	FW
Water Bath Temperature	38C (38C UNCORRECTED)

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211688 Batch Start Date: 03/10/14 14:48 Batch Analyst: Windham, Frank H

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP Diesel#2 00001	OPQAMMS/SD 00025	OPQAMSU 00025	
MB 460-211688/1		3546, NJ-OQA-QAM-025		15.00 g	1 mL			1 mL	
LCS 460-211688/2		3546, NJ-OQA-QAM-025		15.00 g	1 mL	1 mL		1 mL	
460-72174-F-25 MS	PMP-28SW-VD	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-72174-F-25 MSD	PMP-28SW-VD	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-72174-F-25	PMP-28SW-VD	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-72174-F-21	PMP-10SW-SD	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	
460-72174-F-22	PMP-13SW-WT	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-72174-F-23	PMP-13SW-SI	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-72174-F-24	PMP-13SW-SD	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-72174-F-26	PMP-28SW-WT	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	
460-72174-F-27	PMP-28SW-SI	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			0.5 mL	
460-72174-F-29	PMP-24SW-WT	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-72174-F-30	PMP-24SW-SI	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-72174-F-31	PMP-7SW-VD	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211688 Batch Start Date: 03/10/14 14:48 Batch Analyst: Windham, Frank H

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP Diesel#2 00001	OPQAMMS/SD 00025	OPQAMSU 00025	
460-72174-F-32	PMP-7SW-WI	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-72174-F-33	PMP-7SW-SI	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-72174-F-34	PMP-9SW-VD	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-72174-F-35	PMP-9SW-WT	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-72174-F-36	PMP-9SW-SI	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-72174-F-37	PMP-10SW-WI	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-72174-F-38	PMP-10SW-SI	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			0.5 mL	

Batch Notes	
Balance ID	30
Batch Comment	QAM SOIL
Final Concentrator Volume	1 mL
MeCL2 Lot #	64542
Microwave Start Time	1900
Microwave Stop Time	1930
Na2SO4 Lot Number	331103
Person's name who did the prep	FW
Person who performed Spike	FW
Person who witnessed spiking	ME
Water Bath Temperature	38C (38C UNCORRECTED)

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211688 Batch Start Date: 03/10/14 14:48 Batch Analyst: Windham, Frank H

Batch Method: 3546 Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-72174-1

SDG No.:

Project: Former McCandless Fuel Site

Client Sample ID	Lab Sample ID
PMP-14SW-VS	460-72174-1
PMP-23SW-VS	460-72174-2
PMP-23SW-VD	460-72174-3
PMP-23SW-WT	460-72174-4
PMP-8SW-VS	460-72174-5
PMP-4SW-VS	460-72174-6
PMP-4SW-VD	460-72174-7
PMP-22SW-VS	460-72174-8
PMP-22SW-VD	460-72174-9
PMP-22SW-WT	460-72174-10
PMP-5SW-WT	460-72174-11
PMP-5SW-SI	460-72174-12
PMP-6SW-VD	460-72174-13
PMP-6SW-WT	460-72174-14
PMP-6SW-SI	460-72174-15
PMP-2SW-VD	460-72174-16
PMP-2SW-WT	460-72174-17
PMP-2SW-SI	460-72174-18
PMP-24SW-VS	460-72174-19
PMP-24SW-VD	460-72174-20
PMP-10SW-SD	460-72174-21
PMP-13SW-WT	460-72174-22
PMP-13SW-SI	460-72174-23
PMP-13SW-SD	460-72174-24
PMP-28SW-VD	460-72174-25
PMP-28SW-WT	460-72174-26
PMP-28SW-SI	460-72174-27
FB-030614	460-72174-28
PMP-24SW-WT	460-72174-29
PMP-24SW-SI	460-72174-30
PMP-7SW-VD	460-72174-31
PMP-7SW-WI	460-72174-32
PMP-7SW-SI	460-72174-33
PMP-9SW-VD	460-72174-34
PMP-9SW-WT	460-72174-35
PMP-9SW-SI	460-72174-36
PMP-10SW-WI	460-72174-37
PMP-10SW-SI	460-72174-38

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-14SW-VS
Lab Sample ID: 460-72174-1
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 09:15
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-23SW-VS
Lab Sample ID: 460-72174-2
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 09:35
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.5	98.8	57.5	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-23SW-VD
Lab Sample ID: 460-72174-3
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 09:40
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.5	98.8	57.5	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-23SW-WT
Lab Sample ID: 460-72174-4
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 09:45
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.5	98.8	57.5	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-8SW-VS
Lab Sample ID: 460-72174-5
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 10:00
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.9	99.4	57.9	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-4SW-VS
Lab Sample ID: 460-72174-6
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 10:05
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.5	98.9	57.5	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-4SW-VD
Lab Sample ID: 460-72174-7
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 10:10
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.7	99.2	57.7	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-22SW-VS
Lab Sample ID: 460-72174-8
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 10:20
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.9	99.4	57.9	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-22SW-VD
Lab Sample ID: 460-72174-9
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 10:25
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.7	99.1	57.7	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-22SW-WT
Lab Sample ID: 460-72174-10
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 10:30
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.0	99.6	58.0	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-5SW-WT
Lab Sample ID: 460-72174-11
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 10:55
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.8	99.2	57.8	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-5SW-SI
Lab Sample ID: 460-72174-12
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 11:00
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.4	98.6	57.4	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-6SW-VD
Lab Sample ID: 460-72174-13
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 11:20
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.6	99.0	57.6	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-6SW-WT
Lab Sample ID: 460-72174-14
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 11:25
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.0	99.6	58.0	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-6SW-SI
Lab Sample ID: 460-72174-15
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 11:30
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.2	99.9	58.2	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-2SW-VD
Lab Sample ID: 460-72174-16
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 11:45
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.0	99.7	58.0	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-2SW-WT
Lab Sample ID: 460-72174-17
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 11:50
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.6	98.9	57.6	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-2SW-SI
Lab Sample ID: 460-72174-18
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 11:55
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.8	99.3	57.8	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-24SW-VS
Lab Sample ID: 460-72174-19
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 12:25
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.8	99.2	57.8	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-24SW-VD
Lab Sample ID: 460-72174-20
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 12:30
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-10SW-SD
Lab Sample ID: 460-72174-21
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 15:30
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.5	98.7	57.5	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-13SW-WT
Lab Sample ID: 460-72174-22
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 16:15
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-13SW-SI
Lab Sample ID: 460-72174-23
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 16:20
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.5	98.8	57.5	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-13SW-SD
Lab Sample ID: 460-72174-24
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 16:25
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.6	98.9	57.6	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-28SW-VD
Lab Sample ID: 460-72174-25
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 16:45
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.9	99.5	57.9	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-28SW-WT
Lab Sample ID: 460-72174-26
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 16:40
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.9	99.4	57.9	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-28SW-SI
Lab Sample ID: 460-72174-27
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 16:50
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.5	98.9	57.5	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: FB-030614 Lab Sample ID: 460-72174-28

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG ID.:

Matrix: Water Date Sampled: 03/06/2014 18:15

Reporting Basis: WET Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	0.84	5.0	0.84	mg/L	U		1	SM 4500 Cl- B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-24SW-WT
Lab Sample ID: 460-72174-29
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 12:35
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.7	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-24SW-SI
Lab Sample ID: 460-72174-30
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 12:40
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.5	98.8	57.5	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-7SW-VD
Lab Sample ID: 460-72174-31
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 13:50
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.2	100	58.2	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-7SW-WI
Lab Sample ID: 460-72174-32
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 13:55
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.7	99.2	57.7	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-7SW-SI
Lab Sample ID: 460-72174-33
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 14:00
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.0	99.6	58.0	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-9SW-VD
Lab Sample ID: 460-72174-34
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 14:40
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-9SW-WT
Lab Sample ID: 460-72174-35
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 14:45
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.7	99.1	57.7	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-9SW-SI
Lab Sample ID: 460-72174-36
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 14:50
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.0	99.7	58.0	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-10SW-WI
Lab Sample ID: 460-72174-37
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 15:20
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.8	99.3	57.8	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-10SW-SI
Lab Sample ID: 460-72174-38
Lab Name: TestAmerica Edison
Job No.: 460-72174-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/06/2014 15:25
Reporting Basis: WET
Date Received: 03/07/2014 14:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.0	99.6	58.0	mg/Kg	U		1	SM 4500 Cl- E

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Analyst: MCC Batch Start Date: 03/14/2014

Reporting Units: mg/L Analytical Batch No.: 212714

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	10:51	Chloride	49.54	50.0	99	90-110		WTchlss1_00012
2	ICB	10:51	Chloride	2.9				U	
69	CCV	13:17	Chloride	49.43	50.0	99	90-110		WTchlss1_00012
70	CCB	13:17	Chloride	2.9				U	
81	CCV	13:20	Chloride	49.87	50.0	100	90-110		WTchlss1_00012
82	CCB	13:20	Chloride	2.9				U	
87	CCV	13:21	Chloride	50.74	50.0	101	90-110		WTchlss1_00012
88	CCB	13:21	Chloride	2.9				U	
89	CCV	13:31	Chloride	49.16	50.0	98	90-110		WTchlss1_00012
90	CCB	13:31	Chloride	2.9				U	
101	CCV	13:34	Chloride	50.00	50.0	100	90-110		WTchlss1_00012
102	CCB	13:34	Chloride	2.9				U	
107	CCV	13:35	Chloride	50.21	50.0	100	90-110		WTchlss1_00012
108	CCB	13:35	Chloride	2.9				U	
109	CCV	13:46	Chloride	49.51	50.0	99	90-110		WTchlss1_00012
110	CCB	13:46	Chloride	2.9				U	
121	CCV	13:50	Chloride	49.48	50.0	99	90-110		WTchlss1_00012
122	CCB	13:50	Chloride	2.9				U	
127	CCV	13:51	Chloride	50.14	50.0	100	90-110		WTchlss1_00012
128	CCB	13:51	Chloride	2.9				U	
129	CCV	14:11	Chloride	49.79	50.0	100	90-110		WTchlss1_00012
130	CCB	14:11	Chloride	2.9				U	
141	CCV	14:14	Chloride	50.67	50.0	101	90-110		WTchlss1_00012
142	CCB	14:14	Chloride	2.9				U	
147	CCV	14:15	Chloride	50.42	50.0	101	90-110		WTchlss1_00012
148	CCB	14:15	Chloride	2.9				U	
156	CCV	14:21	Chloride	51.17	50.0	102	90-110		WTchlss1_00012
157	CCB	14:21	Chloride	2.9				U	
158	CCV	14:41	Chloride	50.09	50.0	100	90-110		WTchlss1_00012
159	CCB	14:41	Chloride	2.9				U	
162	CCV	14:42	Chloride	51.20	50.0	102	90-110		WTchlss1_00012
163	CCB	14:42	Chloride	2.9				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 211961 Date: 03/10/2014 15:00							
SM 4500 Cl- B	MB 460-211961/1	Chloride	0.84	U	mg/L	5.0	1
Batch ID: 212714 Date: 03/14/2014 13:17							
SM 4500 Cl- E	MB 460-212714/71	Chloride	2.9	U	mg/Kg	5.0	1
Batch ID: 212714 Date: 03/14/2014 13:31							
SM 4500 Cl- E	MB 460-212714/91	Chloride	2.9	U	mg/Kg	5.0	1
Batch ID: 212714 Date: 03/14/2014 13:46							
SM 4500 Cl- E	MB 460-212714/111	Chloride	2.9	U	mg/Kg	5.0	1
Batch ID: 212714 Date: 03/14/2014 14:11							
SM 4500 Cl- E	MB 460-212714/131	Chloride	2.9	U	mg/Kg	5.0	1
Batch ID: 212714 Date: 03/14/2014 14:17							
SM 4500 Cl- E	MB 460-212714/149	Chloride	2.9	U	mg/Kg	5.0	1

3-IN
TCLP SPLPE LEACHATE BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 212714 Date: 03/14/2014 13:17							
SM 4500 Cl- E	LB 460-212232/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 212714 Date: 03/14/2014 13:17							
SM 4500 Cl- E	LB 460-211953/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 212714 Date: 03/14/2014 13:31							
SM 4500 Cl- E	LB 460-211953/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 212714 Date: 03/14/2014 13:46							
SM 4500 Cl- E	LB 460-211953/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 212714 Date: 03/14/2014 13:46							
SM 4500 Cl- E	LB 460-211956/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 212714 Date: 03/14/2014 14:11							
SM 4500 Cl- E	LB 460-211956/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 212714 Date: 03/14/2014 14:20							
SM 4500 Cl- E	LB 460-211956/1-A	Chloride	58.2	U	mg/Kg	100	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 212714 Date: 03/14/2014 13:20											
SM 4500 Cl- E	460-72180-A-2 9-B	Chloride	57.8	U	mg/Kg						
SM 4500 Cl- E	460-72180-A-2 9-B MS	Chloride	1007		mg/Kg	993	101	80-118			
Batch ID: 212714 Date: 03/14/2014 13:34											
SM 4500 Cl- E	460-72174-8	Chloride	57.9	U	mg/Kg						
SM 4500 Cl- E	460-72174-8 MS	Chloride	1014		mg/Kg	994	102	80-118			
Batch ID: 212714 Date: 03/14/2014 13:50											
SM 4500 Cl- E	460-72174-17	Chloride	57.6	U	mg/Kg						
SM 4500 Cl- E	460-72174-17 MS	Chloride	998.3		mg/Kg	989	101	80-118			
Batch ID: 212714 Date: 03/14/2014 14:14											
SM 4500 Cl- E	460-72174-34	Chloride	58.1	U	mg/Kg						
SM 4500 Cl- E	460-72174-34 MS	Chloride	1003		mg/Kg	998	100	80-118			
Batch ID: 212714 Date: 03/14/2014 14:41											
SM 4500 Cl- E	460-72174-35	Chloride	57.7	U	mg/Kg						
SM 4500 Cl- E	460-72174-35 MS	Chloride	1006		mg/Kg	991	102	80-118			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 211961 Date: 03/10/2014 15:00											
SM 4500 Cl- B	460-72038-A-1 ^10	Chloride	119		mg/L						
SM 4500 Cl- B	460-72038-A-1 MS ^10	Chloride	379.9		mg/L	250	104	90-110			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 212714 Date: 03/14/2014 13:20											
SM 4500 Cl- E	460-72180-A-2 9-B MSD	Chloride	1019		mg/Kg	993	103	80-118	1	10	
Batch ID: 212714 Date: 03/14/2014 13:34											
SM 4500 Cl- E	460-72174-8 MSD	Chloride	1023		mg/Kg	994	103	80-118	1	10	
Batch ID: 212714 Date: 03/14/2014 13:50											
SM 4500 Cl- E	460-72174-17 MSD	Chloride	1010		mg/Kg	989	102	80-118	1	10	
Batch ID: 212714 Date: 03/14/2014 14:14											
SM 4500 Cl- E	460-72174-34 MSD	Chloride	1013		mg/Kg	998	102	80-118	1	10	
Batch ID: 212714 Date: 03/14/2014 14:41											
SM 4500 Cl- E	460-72174-35 MSD	Chloride	1003		mg/Kg	991	101	80-118	0	10	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 211961 Date: 03/10/2014 15:00											
SM 4500 Cl- B	460-72038-A-1 MSD ^10	Chloride	384.9		mg/L	250	106	90-110	1	10	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 212714	Date: 03/14/2014 13:17										
						LCS Source:	WTchlLCS_00048				
SM 4500 Cl- E	LCSSRM 460-212714/72	Chloride	74.87		mg/Kg	75.2	99.6	90.2-11 0.0			
Batch ID: 212714	Date: 03/14/2014 13:31										
						LCS Source:	WTchlLCS_00048				
SM 4500 Cl- E	LCSSRM 460-212714/92	Chloride	74.55		mg/Kg	75.2	99.1	90.2-11 0.0			
Batch ID: 212714	Date: 03/14/2014 13:46										
						LCS Source:	WTchlLCS_00048				
SM 4500 Cl- E	LCSSRM 460-212714/112	Chloride	73.87		mg/Kg	75.2	98.2	90.2-11 0.0			
Batch ID: 212714	Date: 03/14/2014 14:11										
						LCS Source:	WTchlLCS_00048				
SM 4500 Cl- E	LCSSRM 460-212714/132	Chloride	75.56		mg/Kg	75.2	100.5	90.2-11 0.0			
Batch ID: 212714	Date: 03/14/2014 14:17										
						LCS Source:	WTchlLCS_00048				
SM 4500 Cl- E	LCSSRM 460-212714/150	Chloride	77.32		mg/Kg	75.2	102.8	90.2-11 0.0			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 211961 Date: 03/10/2014 15:00											
						LCS Source: WTchlLCS_00047					
SM 4500 Cl- B	LCSSRM 460-211961/2 ^2	Chloride	105.0		mg/L	105	100	90.1-11 0.5			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-72174-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 4500 Cl- B MDL Date: 01/07/2013 10:09

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Chloride		5	0.838

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-72174-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 4500 Cl- B XMDL Date: 01/07/2013 10:09

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Chloride		5	0.838

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-72174-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-72174-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY - ASTM LEACH

Lab Name: TestAmerica Edison Job Number: 460-72174-1

SDG Number:

Matrix: Solid Instrument ID: Konelab1

Method: SM 4500 Cl- E MDL Date: 11/27/2012 08:53

Leach Method: D3987-85

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Chloride		100	58.2

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY - ASTM LEACH

Lab Name: TestAmerica Edison Job Number: 460-72174-1

SDG Number:

Matrix: Solid Instrument ID: Konelab1

Method: SM 4500 Cl- E XMDL Date: 11/27/2012 08:52

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Chloride		5	2.91

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: NOEQUIP Method: SM 4500 Cl- B

Start Date: 03/10/2014 15:00 End Date: 03/10/2014 15:00

Lab Sample ID	D/F	Type	Time	Analytes: CL-																			
MB 460-211961/1	1	T	15:00	X																			
LCSSRM 460-211961/2 ^2	2	T	15:00	X																			
ZZZZZZ			15:00																				
ZZZZZZ			15:00																				
460-72038-A-1 MS ^10	10	T	15:00	X																			
460-72038-A-1 MSD ^10	10	T	15:00	X																			
460-72174-28	1	T	15:00	X																			
ZZZZZZ			15:00																				
ZZZZZZ			15:00																				
ZZZZZZ			15:00																				
ZZZZZZ			15:00																				
ZZZZZZ			15:00																				
ZZZZZZ			15:00																				
ZZZZZZ			15:00																				
ZZZZZZ			15:00																				
ZZZZZZ			15:00																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/10/2014 11:52 End Date: 03/10/2014 11:52

Lab Sample ID	D/F	Type	Time	Analytes: %Sol	Moist
ZZZZZZ			11:52		
ZZZZZZ			11:52		
ZZZZZZ			11:52		
ZZZZZZ			11:52		
ZZZZZZ			11:52		
ZZZZZZ			11:52		
ZZZZZZ			11:52		
ZZZZZZ			11:52		
ZZZZZZ			11:52		
ZZZZZZ			11:52		
ZZZZZZ			11:52		
ZZZZZZ			11:52		
ZZZZZZ			11:52		
460-72174-1	1	T	11:52	X	X
460-72174-2	1	T	11:52	X	X
460-72174-3	1	T	11:52	X	X
460-72174-4	1	T	11:52	X	X
460-72174-5	1	T	11:52	X	X
460-72174-6	1	T	11:52	X	X
460-72174-7	1	T	11:52	X	X
460-72174-7 DU	1	T	11:52	X	X

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/10/2014 12:45 End Date: 03/10/2014 12:45

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			12:45																					
460-72174-8	1	T	12:45	X	X																			
460-72174-9	1	T	12:45	X	X																			
460-72174-10	1	T	12:45	X	X																			
460-72174-11	1	T	12:45	X	X																			
460-72174-12	1	T	12:45	X	X																			
460-72174-13	1	T	12:45	X	X																			
460-72174-14	1	T	12:45	X	X																			
460-72174-15	1	T	12:45	X	X																			
460-72174-16	1	T	12:45	X	X																			
460-72174-17	1	T	12:45	X	X																			
460-72174-18	1	T	12:45	X	X																			
460-72174-19	1	T	12:45	X	X																			
460-72174-20	1	T	12:45	X	X																			
460-72174-21	1	T	12:45	X	X																			
460-72174-22	1	T	12:45	X	X																			
460-72174-23	1	T	12:45	X	X																			
460-72174-24	1	T	12:45	X	X																			
460-72174-25	1	T	12:45	X	X																			
460-72174-26	1	T	12:45	X	X																			
460-72174-26 DU	1	T	12:45	X	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/10/2014 13:07 End Date: 03/10/2014 13:07

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			13:07																				
ZZZZZZ			13:07																				
460-72174-27	1	T	13:07	X	X																		
460-72174-29	1	T	13:07	X	X																		
460-72174-30	1	T	13:07	X	X																		
460-72174-31	1	T	13:07	X	X																		
460-72174-32	1	T	13:07	X	X																		
460-72174-33	1	T	13:07	X	X																		
460-72174-34	1	T	13:07	X	X																		
460-72174-35	1	T	13:07	X	X																		
460-72174-36	1	T	13:07	X	X																		
460-72174-37	1	T	13:07	X	X																		
460-72174-38	1	T	13:07	X	X																		
460-72174-38 DU	1	T	13:07	X	X																		
ZZZZZZ			13:07																				
ZZZZZZ			13:07																				
ZZZZZZ			13:07																				
ZZZZZZ			13:07																				
ZZZZZZ			13:07																				
ZZZZZZ			13:07																				
ZZZZZZ			13:07																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: Konelab1 Method: SM 4500 Cl- E

Start Date: 03/14/2014 10:51 End Date: 03/14/2014 14:42

Lab Sample ID	D/F	Type	Time	Analytes																			
				CL-																			
ICV 460-212714/1	1		10:51	X																			
ICB 460-212714/2	1		10:51	X																			
CCV 460-212714/3			11:12																				
CCB 460-212714/4			11:12																				
ZZZZZZ			11:12																				
ZZZZZZ			11:12																				
ZZZZZZ			11:12																				
ZZZZZZ			11:12																				
ZZZZZZ			11:12																				
ZZZZZZ			11:12																				
ZZZZZZ			11:12																				
ZZZZZZ			11:12																				
ZZZZZZ			11:12																				
ZZZZZZ			11:12																				
CCV 460-212714/15			11:15																				
CCB 460-212714/16			11:15																				
ZZZZZZ			11:15																				
ZZZZZZ			11:15																				
CCV 460-212714/19			11:16																				
CCB 460-212714/20			11:16																				
CCV 460-212714/21			11:50																				
CCB 460-212714/22			11:50																				
ZZZZZZ			11:50																				
ZZZZZZ			11:50																				
ZZZZZZ			11:50																				
ZZZZZZ			11:50																				
ZZZZZZ			11:50																				
ZZZZZZ			11:50																				
ZZZZZZ			11:50																				
ZZZZZZ			11:50																				
ZZZZZZ			11:50																				
ZZZZZZ			11:50																				
CCV 460-212714/33			11:53																				
CCB 460-212714/34			11:53																				
ZZZZZZ			11:53																				
ZZZZZZ			11:53																				
ZZZZZZ			11:53																				
ZZZZZZ			11:53																				
CCV 460-212714/39			11:54																				
CCB 460-212714/40			11:54																				
CCV 460-212714/41			12:17																				
CCB 460-212714/42			12:17																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: Konelab1 Method: SM 4500 Cl- E

Start Date: 03/14/2014 10:51 End Date: 03/14/2014 14:42

				Analytes																			
Lab Sample ID	D/F	Type	Time	CL-																			
ZZZZZZ			12:17																				
ZZZZZZ			12:17																				
CCV 460-212714/45			12:18																				
CCB 460-212714/46			12:18																				
CCV 460-212714/47			12:51																				
CCB 460-212714/48			12:51																				
ZZZZZZ			12:51																				
ZZZZZZ			12:51																				
ZZZZZZ			12:51																				
ZZZZZZ			12:51																				
ZZZZZZ			12:51																				
ZZZZZZ			12:51																				
ZZZZZZ			12:51																				
ZZZZZZ			12:51																				
ZZZZZZ			12:51																				
ZZZZZZ			12:51																				
CCV 460-212714/59			12:54																				
CCB 460-212714/60			12:54																				
ZZZZZZ			12:54																				
ZZZZZZ			12:54																				
CCV 460-212714/63			12:55																				
CCB 460-212714/64			12:55																				
ZZZZZZ			13:00																				
ZZZZZZ			13:00																				
CCV 460-212714/67			13:01																				
CCB 460-212714/68			13:01																				
CCV 460-212714/69	1		13:17	X																			
CCB 460-212714/70	1		13:17	X																			
MB 460-212714/71	1	T	13:17	X																			
LCSSRM 460-212714/72	1	T	13:17	X																			
LB 460-212232/1-A	1	Y	13:17	X																			
ZZZZZZ			13:17																				
LB 460-211953/1-A	1	Y	13:17	X																			
460-72174-1	1	Y	13:17	X																			
460-72174-2	1	Y	13:17	X																			
460-72174-3	1	Y	13:17	X																			
460-72174-4	1	Y	13:17	X																			
460-72174-5	1	Y	13:17	X																			
CCV 460-212714/81	1		13:20	X																			
CCB 460-212714/82	1		13:20	X																			
460-72180-A-29-B MS	1	Y	13:20	X																			
460-72180-A-29-B MSD	1	Y	13:20	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: Konelab1 Method: SM 4500 Cl- E

Start Date: 03/14/2014 10:51 End Date: 03/14/2014 14:42

Lab Sample ID	D/F	Type	Time	Analytes																			
				Cl-																			
460-72174-6	1	Y	13:20	X																			
460-72174-7	1	Y	13:20	X																			
CCV 460-212714/87	1		13:21	X																			
CCB 460-212714/88	1		13:21	X																			
CCV 460-212714/89	1		13:31	X																			
CCB 460-212714/90	1		13:31	X																			
MB 460-212714/91	1	T	13:31	X																			
LCSSRM 460-212714/92	1	T	13:31	X																			
LB 460-211953/1-A	1	Y	13:31	X																			
460-72174-8	1	Y	13:31	X																			
460-72174-9	1	Y	13:31	X																			
460-72174-10	1	Y	13:31	X																			
460-72174-11	1	Y	13:31	X																			
460-72174-12	1	Y	13:31	X																			
460-72174-13	1	Y	13:31	X																			
460-72174-14	1	Y	13:31	X																			
CCV 460-212714/101	1		13:34	X																			
CCB 460-212714/102	1		13:34	X																			
460-72174-8 MS	1	Y	13:34	X																			
460-72174-8 MSD	1	Y	13:34	X																			
460-72174-15	1	Y	13:34	X																			
460-72174-16	1	Y	13:34	X																			
CCV 460-212714/107	1		13:35	X																			
CCB 460-212714/108	1		13:35	X																			
CCV 460-212714/109	1		13:46	X																			
CCB 460-212714/110	1		13:46	X																			
MB 460-212714/111	1	T	13:46	X																			
LCSSRM 460-212714/112	1	T	13:46	X																			
LB 460-211953/1-A	1	Y	13:46	X																			
460-72174-17	1	Y	13:46	X																			
460-72174-18	1	Y	13:46	X																			
460-72174-19	1	Y	13:46	X																			
LB 460-211956/1-A	1	Y	13:46	X																			
460-72174-20	1	Y	13:46	X																			
460-72174-21	1	Y	13:46	X																			
460-72174-22	1	Y	13:47	X																			
CCV 460-212714/121	1		13:50	X																			
CCB 460-212714/122	1		13:50	X																			
460-72174-17 MS	1	Y	13:50	X																			
460-72174-17 MSD	1	Y	13:50	X																			
460-72174-23	1	Y	13:50	X																			
460-72174-24	1	Y	13:50	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Instrument ID: Konelab1 Method: SM 4500 Cl- E

Start Date: 03/14/2014 10:51 End Date: 03/14/2014 14:42

Lab Sample ID	D/F	Type	Time	Analytes																			
				Cl-																			
CCV 460-212714/127	1		13:51	X																			
CCB 460-212714/128	1		13:51	X																			
CCV 460-212714/129	1		14:11	X																			
CCB 460-212714/130	1		14:11	X																			
MB 460-212714/131	1	T	14:11	X																			
LCSSRM 460-212714/132	1	T	14:11	X																			
460-72174-31	1	Y	14:11	X																			
460-72174-32	1	Y	14:11	X																			
LB 460-211956/1-A	1	Y	14:11	X																			
460-72174-25	1	Y	14:11	X																			
460-72174-26	1	Y	14:11	X																			
460-72174-27	1	Y	14:11	X																			
460-72174-29	1	Y	14:11	X																			
460-72174-30	1	Y	14:11	X																			
CCV 460-212714/141	1		14:14	X																			
CCB 460-212714/142	1		14:14	X																			
460-72174-34 MS	1	Y	14:14	X																			
460-72174-34 MSD	1	Y	14:14	X																			
460-72174-33	1	Y	14:14	X																			
460-72174-34	1	Y	14:14	X																			
CCV 460-212714/147	1		14:15	X																			
CCB 460-212714/148	1		14:15	X																			
MB 460-212714/149	1	T	14:17	X																			
LCSSRM 460-212714/150	1	T	14:17	X																			
LB 460-211956/1-A	1	Y	14:20	X																			
460-72174-35	1	Y	14:20	X																			
460-72174-36	1	Y	14:20	X																			
460-72174-37	1	Y	14:20	X																			
460-72174-38	1	Y	14:20	X																			
CCV 460-212714/156	1		14:21	X																			
CCB 460-212714/157	1		14:21	X																			
CCV 460-212714/158	1		14:41	X																			
CCB 460-212714/159	1		14:41	X																			
460-72174-35 MS	1	Y	14:41	X																			
460-72174-35 MSD	1	Y	14:41	X																			
CCV 460-212714/162	1		14:42	X																			
CCB 460-212714/163	1		14:42	X																			

Prep Types

T = Total/NA

Y = ASTM Leach

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211961 Batch Start Date: 03/10/14 15:00 Batch Analyst: Vu, Huan

Batch Method: SM 4500 Cl- B Batch End Date: 03/11/14 19:16

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00047	WTchlSP1 00017	AnalysisComment		
MB 460-211961/1		SM 4500 Cl-B		100 mL			B-3078-14 : 0.0141 N AgNO3 exp;08/04/14		
LCSSRM 460-211961/2 ^2		SM 4500 Cl-B		100 mL	50 mL		B-3022-13 : K2CrO4 exp;06/19/14		
460-72038-A-1 MS ^10		SM 4500 Cl-B	T	100 mL		2.5 mL			
460-72038-A-1 MSD ^10		SM 4500 Cl-B	T	100 mL		2.5 mL			
460-72174-D-28	FB-030614	SM 4500 Cl-B	T	100 mL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211661 Batch Start Date: 03/10/14 11:52 Batch Analyst: Robinson, Ian

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-72174-F-1	PMP-14SW-VS	Moisture	T	56	1.02 g	6.22 g	5.91 g		
460-72174-F-2	PMP-23SW-VS	Moisture	T	57	1.00 g	6.27 g	6.06 g		
460-72174-F-3	PMP-23SW-VD	Moisture	T	58	1.02 g	6.21 g	5.88 g		
460-72174-F-4	PMP-23SW-WT	Moisture	T	59	1.02 g	6.38 g	5.90 g		
460-72174-F-5	PMP-8SW-VS	Moisture	T	60	1.02 g	6.80 g	6.50 g		
460-72174-F-6	PMP-4SW-VS	Moisture	T	61	1.03 g	6.37 g	5.94 g		
460-72174-F-7	PMP-4SW-VD	Moisture	T	62	0.98 g	6.17 g	5.95 g		
460-72174-F-7 DU	PMP-4SW-VD	Moisture	T	63	0.98 g	6.22 g	5.99 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	03/10/14
Oven Temp when samples are put in oven	105 Degrees C
Time samples were place in the oven	12:25
Date samples were removed from oven	3/11/14
Oven Temp when samples removed from oven	102 Degrees C
Time Samples were removed from oven	08:06
Oven ID	Oven 3
ID number of the thermometer	P23781
Uncorrected In Temperature	105 Celsius
Uncorrected Out Temperature	102 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211663 Batch Start Date: 03/10/14 12:45 Batch Analyst: Robinson, Ian

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-72174-F-8	PMP-22SW-VS	Moisture	T	65	1.01 g	6.43 g	6.06 g		
460-72174-F-9	PMP-22SW-VD	Moisture	T	66	1.00 g	6.91 g	6.62 g		
460-72174-F-10	PMP-22SW-WT	Moisture	T	67	1.01 g	6.25 g	5.68 g		
460-72174-F-11	PMP-5SW-WT	Moisture	T	68	1.01 g	6.72 g	6.36 g		
460-72174-F-12	PMP-5SW-SI	Moisture	T	69	1.04 g	6.49 g	5.76 g		
460-72174-F-13	PMP-6SW-VD	Moisture	T	70	1.02 g	6.23 g	5.99 g		
460-72174-F-14	PMP-6SW-WT	Moisture	T	71	1.00 g	6.60 g	5.99 g		
460-72174-F-15	PMP-6SW-SI	Moisture	T	72	0.99 g	6.92 g	6.21 g		
460-72174-F-16	PMP-2SW-VD	Moisture	T	73	1.00 g	6.95 g	6.60 g		
460-72174-F-17	PMP-2SW-WT	Moisture	T	74	1.00 g	6.19 g	5.60 g		
460-72174-F-18	PMP-2SW-SI	Moisture	T	75	0.97 g	6.30 g	5.62 g		
460-72174-F-19	PMP-24SW-VS	Moisture	T	76	0.98 g	6.16 g	5.82 g		
460-72174-F-20	PMP-24SW-VD	Moisture	T	77	0.99 g	6.06 g	5.44 g		
460-72174-F-21	PMP-10SW-SD	Moisture	T	78	0.99 g	6.16 g	5.20 g		
460-72174-F-22	PMP-13SW-WT	Moisture	T	79	1.00 g	6.09 g	5.43 g		
460-72174-F-23	PMP-13SW-SI	Moisture	T	80	1.01 g	6.83 g	6.23 g		
460-72174-F-24	PMP-13SW-SD	Moisture	T	81	1.00 g	6.39 g	5.39 g		
460-72174-F-25	PMP-28SW-VD	Moisture	T	82	1.01 g	6.45 g	6.17 g		
460-72174-F-26	PMP-28SW-WT	Moisture	T	83	1.03 g	6.62 g	5.86 g		
460-72174-F-26 DU	PMP-28SW-WT	Moisture	T	84	1.02 g	6.79 g	5.97 g		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211663 Batch Start Date: 03/10/14 12:45 Batch Analyst: Robinson, Ian

Batch Method: Moisture Batch End Date:

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	03/10/14
Oven Temp when samples are put in oven	105 Degrees C
Time samples were place in the oven	13:05
Date samples were removed from oven	3/11/14
Oven Temp when samples removed from oven	102 Degrees C
Time Samples were removed from oven	08:06
Oven ID	Oven 3
ID number of the thermometer	P23781
Uncorrected In Temperature	105 Celsius
Uncorrected Out Temperature	102 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211665 Batch Start Date: 03/10/14 13:07 Batch Analyst: Robinson, Ian

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-72174-F-27	PMP-28SW-SI	Moisture	T	87	0.98 g	6.77 g	5.95 g		
460-72174-F-29	PMP-24SW-WT	Moisture	T	88	0.99 g	6.44 g	5.84 g		
460-72174-F-30	PMP-24SW-SI	Moisture	T	89	1.02 g	6.13 g	5.49 g		
460-72174-F-31	PMP-7SW-VD	Moisture	T	90	1.01 g	6.24 g	5.84 g		
460-72174-F-32	PMP-7SW-WI	Moisture	T	91	1.00 g	6.47 g	5.98 g		
460-72174-F-33	PMP-7SW-SI	Moisture	T	92	1.02 g	6.11 g	5.42 g		
460-72174-F-34	PMP-9SW-VD	Moisture	T	93	1.01 g	6.68 g	6.36 g		
460-72174-F-35	PMP-9SW-WT	Moisture	T	94	1.01 g	6.43 g	5.81 g		
460-72174-F-36	PMP-9SW-SI	Moisture	T	95	1.01 g	6.11 g	5.42 g		
460-72174-F-37	PMP-10SW-WI	Moisture	T	96	0.97 g	6.80 g	6.40 g		
460-72174-F-38	PMP-10SW-SI	Moisture	T	97	1.00 g	6.21 g	5.52 g		
460-72174-F-38 DU	PMP-10SW-SI	Moisture	T	98	1.00 g	6.52 g	5.76 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	03/10/14
Oven Temp when samples are put in oven	106 Degrees C
Time samples were place in the oven	13:30
Date samples were removed from oven	3/11/14
Oven Temp when samples removed from oven	100 Degrees C
Time Samples were removed from oven	08:25
Oven ID	Oven 2
ID number of the thermometer	P23707
Uncorrected In Temperature	106 Celsius
Uncorrected Out Temperature	100 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211953 Batch Start Date: 03/11/14 17:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 03/12/14 11:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Final pH	AnalysisComment		
LB 460-211953/1		D3987-85, SM 4500 Cl- E		35 g	700 mL	5.11 SU	30% head space in 1L container		
460-72174-A-1	PMP-14SW-VS	D3987-85, SM 4500 Cl- E	Y	35.08 g	700 mL	5.99 SU	30% head space in 1L container		
460-72174-A-2	PMP-23SW-VS	D3987-85, SM 4500 Cl- E	Y	35.43 g	700 mL	6.62 SU	30% head space in 1L container		
460-72174-A-3	PMP-23SW-VD	D3987-85, SM 4500 Cl- E	Y	35.41 g	700 mL	4.75 SU	30% head space in 1L container		
460-72174-A-4	PMP-23SW-WT	D3987-85, SM 4500 Cl- E	Y	35.43 g	700 mL	5.73 SU	30% head space in 1L container		
460-72174-A-5	PMP-8SW-VS	D3987-85, SM 4500 Cl- E	Y	35.21 g	700 mL	6.25 SU	30% head space in 1L container		
460-72174-A-6	PMP-4SW-VS	D3987-85, SM 4500 Cl- E	Y	35.40 g	700 mL	5.79 SU	30% head space in 1L container		
460-72174-A-7	PMP-4SW-VD	D3987-85, SM 4500 Cl- E	Y	35.29 g	700 mL	4.91 SU	30% head space in 1L container		
460-72174-A-8	PMP-22SW-VS	D3987-85, SM 4500 Cl- E	Y	35.20 g	700 mL	6.91 SU	30% head space in 1L container		
460-72174-A-9	PMP-22SW-VD	D3987-85, SM 4500 Cl- E	Y	35.33 g	700 mL	5.43 SU	30% head space in 1L container		
460-72174-A-10	PMP-22SW-WT	D3987-85, SM 4500 Cl- E	Y	35.15 g	700 mL	5.20 SU	30% head space in 1L container		
460-72174-A-11	PMP-5SW-WT	D3987-85, SM 4500 Cl- E	Y	35.27 g	700 mL	5.06 SU	30% head space in 1L container		
460-72174-A-12	PMP-5SW-SI	D3987-85, SM 4500 Cl- E	Y	35.48 g	700 mL	4.72 SU	30% head space in 1L container		
460-72174-A-13	PMP-6SW-VD	D3987-85, SM 4500 Cl- E	Y	35.34 g	700 mL	5.60 SU	30% head space in 1L container		
460-72174-A-14	PMP-6SW-WT	D3987-85, SM 4500 Cl- E	Y	35.15 g	700 mL	5.49 SU	30% head space in 1L container		
460-72174-A-15	PMP-6SW-SI	D3987-85, SM 4500 Cl- E	Y	35.03 g	700 mL	4.82 SU	30% head space in 1L container		
460-72174-A-16	PMP-2SW-VD	D3987-85, SM 4500 Cl- E	Y	35.10 g	700 mL	5.78 SU	30% head space in 1L container		
460-72174-A-17	PMP-2SW-WT	D3987-85, SM 4500 Cl- E	Y	35.38 g	700 mL	5.31 SU	30% head space in 1L container		
460-72174-A-18	PMP-2SW-SI	D3987-85, SM 4500 Cl- E	Y	35.26 g	700 mL	5.35 SU	30% head space in 1L container		
460-72174-A-19	PMP-24SW-VS	D3987-85, SM 4500 Cl- E	Y	35.27 g	700 mL	5.80 SU	30% head space in 1L container		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211953 Batch Start Date: 03/11/14 17:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 03/12/14 11:00

Batch Notes	
Balance ID	13
Blank Soil Lot Number	pH meter F, Room temp = 22.5C, Final room temp. 23.5C;

Basis	Basis Description
Y	ASTM Leach

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211956 Batch Start Date: 03/11/14 17:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 03/12/14 11:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Final pH	AnalysisComment		
LB 460-211956/1		D3987-85, SM 4500 Cl- E		35 g	700 mL	5.03 SU	30% head space in 1L container		
460-72174-A-20	PMP-24SW-VD	D3987-85, SM 4500 Cl- E	Y	35.05 g	700 mL	5.91 SU	30% head space in 1L container		
460-72174-A-21	PMP-10SW-SD	D3987-85, SM 4500 Cl- E	Y	35.45 g	700 mL	4.89 SU	30% head space in 1L container		
460-72174-A-22	PMP-13SW-WT	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	5.07 SU	30% head space in 1L container		
460-72174-A-23	PMP-13SW-SI	D3987-85, SM 4500 Cl- E	Y	35.41 g	700 mL	4.96 SU	30% head space in 1L container		
460-72174-A-24	PMP-13SW-SD	D3987-85, SM 4500 Cl- E	Y	35.39 g	700 mL	5.57 SU	30% head space in 1L container		
460-72174-A-25	PMP-28SW-VD	D3987-85, SM 4500 Cl- E	Y	35.18 g	700 mL	5.70 SU	30% head space in 1L container		
460-72174-A-26	PMP-28SW-WT	D3987-85, SM 4500 Cl- E	Y	35.21 g	700 mL	5.07 SU	30% head space in 1L container		
460-72174-A-27	PMP-28SW-SI	D3987-85, SM 4500 Cl- E	Y	35.40 g	700 mL	5.03 SU	30% head space in 1L container		
460-72174-A-29	PMP-24SW-WT	D3987-85, SM 4500 Cl- E	Y	35.09 g	700 mL	5.95 SU	30% head space in 1L container		
460-72174-A-30	PMP-24SW-SI	D3987-85, SM 4500 Cl- E	Y	35.43 g	700 mL	4.78 SU	30% head space in 1L container		
460-72174-A-31	PMP-7SW-VD	D3987-85, SM 4500 Cl- E	Y	35.01 g	700 mL	5.60 SU	30% head space in 1L container		
460-72174-A-32	PMP-7SW-WI	D3987-85, SM 4500 Cl- E	Y	35.30 g	700 mL	4.89 SU	30% head space in 1L container		
460-72174-A-33	PMP-7SW-SI	D3987-85, SM 4500 Cl- E	Y	35.13 g	700 mL	4.87 SU	30% head space in 1L container		
460-72174-A-34	PMP-9SW-VD	D3987-85, SM 4500 Cl- E	Y	35.07 g	700 mL	5.56 SU	30% head space in 1L container		
460-72174-A-35	PMP-9SW-WT	D3987-85, SM 4500 Cl- E	Y	35.33 g	700 mL	4.81 SU	30% head space in 1L container		
460-72174-A-36	PMP-9SW-SI	D3987-85, SM 4500 Cl- E	Y	35.10 g	700 mL	4.62 SU	30% head space in 1L container		
460-72174-A-37	PMP-10SW-WI	D3987-85, SM 4500 Cl- E	Y	35.25 g	700 mL	4.61 SU	30% head space in 1L container		
460-72174-A-38	PMP-10SW-SI	D3987-85, SM 4500 Cl- E	Y	35.15 g	700 mL	5.19 SU	30% head space in 1L container		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 211956 Batch Start Date: 03/11/14 17:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 03/12/14 11:00

Batch Notes	
Balance ID	13
Blank Soil Lot Number	pH meter F, Room temp = 22.5C, Final room temp. 23.5C;

Basis	Basis Description
Y	ASTM Leach

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 212232 Batch Start Date: 03/12/14 19:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 03/13/14 13:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Final pH	AnalysisComment		
LB 460-212232/1		D3987-85, SM 4500 Cl- E		35 g	700 mL	5.90 SU	30% headspace in 1L container		

Batch Notes	
Balance ID	13
Blank Soil Lot Number	pH meter F, Room temp = 22.5C, Final room temp. 23.5C;

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 212714 Batch Start Date: 03/14/14 10:51 Batch Analyst: Cabanganan, Maria

Batch Method: SM 4500 Cl- E Batch End Date: 03/14/14 14:42

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00048	WTchlSP1 00017	WTchlss1 00012		
ICV 460-212714/1		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-212714/69		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-212714/72		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-212714/81		SM 4500 Cl- E		50 mL			2.5 mL		
460-72180-A-29-B MS		SM 4500 Cl- E	Y	50 mL		2.5 mL			
460-72180-A-29-B MSD		SM 4500 Cl- E	Y	50 mL		2.5 mL			
CCV 460-212714/87		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-212714/89		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-212714/92		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-212714/101		SM 4500 Cl- E		50 mL			2.5 mL		
460-72174-A-8-B MS	PMP-22SW-VS	SM 4500 Cl- E	Y	50 mL		2.5 mL			
460-72174-A-8-B MSD	PMP-22SW-VS	SM 4500 Cl- E	Y	50 mL		2.5 mL			
CCV 460-212714/107		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-212714/109		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-212714/112		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-212714/121		SM 4500 Cl- E		50 mL			2.5 mL		
460-72174-A-17-B MS	PMP-2SW-WT	SM 4500 Cl- E	Y	50 mL		2.5 mL			
460-72174-A-17-B MSD	PMP-2SW-WT	SM 4500 Cl- E	Y	50 mL		2.5 mL			
CCV 460-212714/127		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-212714/129		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-212714/132		SM 4500 Cl- E		50 mL	50 mL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72174-1

SDG No.:

Batch Number: 212714 Batch Start Date: 03/14/14 10:51 Batch Analyst: Cabanganan, Maria

Batch Method: SM 4500 Cl- E Batch End Date: 03/14/14 14:42

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00048	WTchlSP1 00017	WTchlss1 00012		
CCV 460-212714/141		SM 4500 Cl- E		50 mL			2.5 mL		
460-72174-A-34-B MS	PMP-9SW-VD	SM 4500 Cl- E	Y	50 mL		2.5 mL			
460-72174-A-34-B MSD	PMP-9SW-VD	SM 4500 Cl- E	Y	50 mL		2.5 mL			
CCV 460-212714/147		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-212714/150		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-212714/156		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-212714/158		SM 4500 Cl- E		50 mL			2.5 mL		
460-72174-A-35-B MS	PMP-9SW-WT	SM 4500 Cl- E	Y	50 mL		2.5 mL			
460-72174-A-35-B MSD	PMP-9SW-WT	SM 4500 Cl- E	Y	50 mL		2.5 mL			
CCV 460-212714/162		SM 4500 Cl- E		50 mL			2.5 mL		

Batch Notes	
Color Reagent ID Number	C-0258-14 exp. 07/28/14
Filter Paper Lot Number	CCV: A(59143)14 exp. 04/03/14
Pipette ID	Cal. curve: A(59136-59142)14 exp. 04/03/14

Basis	Basis Description
Y	ASTM Leach

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN C[...] EST

460-72174 Chain of Custody

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

Name (for report and invoice) - Carla Nascimento	Samplers Name (Printed) - Chris Gorski, Bill Risany, Vikki Hon	Site/Project Identification: Former McCandless Fuels Site
Company: Antea Group	P.O. #: 8E08124555P Phase 0007	State (Location of site): NJ: ☑ NY: ☐ Other:
Address: 1031 US Highway 22 Suite 100		Regulatory Program: SRP
City: Bridgewater State: NJ	Analysis Turnaround Time: Standard ☑; Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	LAB USE ONLY — Project No: ; Job No: 72174
Phone: 908-547-3834 Fax:		

ANALYSIS REQUESTED (ENTER 'X' BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of. Cont.	8260B VOC +10	8270C BNA +15	8082 PCB	00A QAM TPH	SM4500 Chloride						Sample Numbers
PMP-14SW-VS	3/6/14	0915	Soil	6	X	X	X	X	X						1
PMP-23SW-VS	↓	0935	↓	↓	↓	↓	↓	↓	↓						2
PMP-23SW-VD		0940													3
PMP-23SW-WT		0945													4
PMP-8SW-VS		1000													5
PMP-4SW-VS		1005													6
PMP-4SW-VD		1010													7
PMP-22SW-VS		1020													8
PMP-22SW-VD		1025													9
PMP-22SW-WT	↓	1030	↓	↓	↓	↓	↓	↓	↓						10
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH; 6 = Other Methanol, 7 = Other DI				Soil:	1,6,7	1	1	1	1						
				Water:											

SHORT HOLD

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
[signature]	Antea Group	3/7/14 10:00	1) [signature]	TA
2) [signature]	TA	3/7/14	2) [signature]	TA 3/7 1044
3) [signature]	TA	3/7/14 1305	3) [signature]	TA [signature]
4) [signature]	[signature]	3/7/14 1430	4) [signature]	TA 3/7/14 1430

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

0.0 0.1 / 0.0 0.1 / 0.0 01 / 0.0 0.1 IR5

4 coolers
161532
161523
161524
~~161522~~

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Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

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CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): Carla Nascimento	Samplers Name (Printed): Chris Gorski, Bill Risavy, Vikki Hon	Site/Project Identification: Former McCandliss Fuels Site
Company: Antea Group	P. O. #: SE08124855P Phase 0007	State (Location of site): NJ: ✓ NY: ☐ Other:
Address: 1031 U.S Highway 22 Suite 100	Analysis Turnaround Time: Standard ✓	Regulatory Program: SRP
City: Bridgewater State: NJ	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	LAB USE ONLY Project No:
Phone: 908-547-3834 Fax:		Job No: 72174

Sample Identification	Date	Time	Matrix	No. of Cont.	8260C VOCs 10	8270C BNAs 16	8082 PCBs	CAM-BAM TPH	SM4500-Cl-E Chloride	Sample Numbers
PMP-5SW-WT	3/6/14	1055	Solid Soil/Sed Water	6	X	X	X	X	X	11
PMP-5SW-SI		1100								12
PMP-6SW-VD		1120								13
PMP-6SW-WT		1125								14
PMP-6SW-SI		1130								15
PMP-2SW-VD		1145								16
PMP-2SW-WT		1150								17
PMP-2SW-SI		1155								18
PMP-24SW-VS		1225								19
PMP-24SW-VD	↓	1230	↓	↓	↓	↓	↓	↓	↓	20
			Soil:		1	1	1	1	1	
			Water:							

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other Methanol, 7 = Other DI

Special Instructions

Water Metals Filtered (Yes/No)?

	Company	Date / Time		Company
Relinquished by	Antea Group	3/7/14 1600	Received by 1)	TA
Relinquished by 2)	TA	3/7/14	Received by 2)	TA 3/7 1044
Relinquished by 3)	TA	3/7/14 1305	Received by 3)	
Relinquished by 4)	TA	3/7/14 1430	Received by 4)	TA 3/7/14 1430

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0408)

Massachusetts (M-NJ312), North Carolina (No. 578)

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): Carla Nascimento	Samplers Name (Printed): Chris Gorski, Vikki Hon, Bill Risavy	Site/Project Identification: Former McCandless Fuels Site
Company: Antea Group	P. O. # : 8E0812485P Phase 0007	State (Location of site): NJ: ✓ NY: ☐ Other:
		Regulatory Program: SRP
Address: 1031 U.S. Highway 22 Suite 100	Analysis Turnaround Time: Standard ✓	
City: Bridgewater State: NJ	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone: 908-547-3834 Fax:		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	8260B VOC+10	8270C PNA+15	8082 PCBs	ORA GRAM TPH	SM4500 Chloride						LAB USE ONLY Sample Numbers
PMP-105W-SD	3/6/14	1530	Subsoil	6	X	X	X	X	X						21
PMP-135W-WT		1615	Soil												22
PMP-135W-SI		1620													23
PMP-135W-SD		1625													24
PMP-285W-VO		1645													25
PMP-285W-WT		1640													26
PMP-285W-SI		1650	↓	↓	↓	↓	↓	↓	↓						27
FB-030614		1815	Blank	10	X	X	X	X	X						28
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH 6 = Other Methanol, 7 = Other DI			Soil:		1, G7	1	1	1	1						
			Water:												

Job No: 72174

Special Instructions

Water Metals Filtered (Yes/No)? _____

	Relinquished by	Company	Date / Time	Received by	Company
1)		Antea Group	3/7/14 1000		TA
2)		TA	3/7/14		TA 3/7 1044
3)		TA	3/7 1305		
4)		TA	3/7/14 1430		TA 3/7/14 1430

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132), Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

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Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice) Carla Nascimento	Samplers Name (Printed) Chris Gorski, Vikki Hon, Bill Risavy	Site/Project Identification Former McCandless Fuels
Company Antea Group	P. O. # SE08124555P Phase 0007	State (Location of site): NJ: ✓ NY: ☐ Other:
		Regulatory Program: SRP
Address 1031 U.S. Highway 22 Suite 103	Analysis Turnaround Time: Standard ☑	
City Bridgewater State NJ	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone 908-547-3834 Fax		

Sample Identification	Date	Time	Matrix	No. of Cont.	8260B VOC+10	8270C BNA+15	8082 PCB's	OQA-QAM 1-PH	SM4500-Cl Chloride							LAB USE ONLY Sample Numbers
PMP-24SW-WT	3/6/14	1235	Sub surface Soil	6	X	X	X	X	X							29
PMP-24SW-SI		1240														30
PMP-7SW-VD		1350														31
PMP-7SW-WT		1355														32
PMP-7SW-SI		1400														33
PMP-9SW-VD		1440														34
PMP-9SW-WT		1445														35
PMP-9SW-SI		1450														36
PMP-10SW-WT		1520														37
PMP-10SW-SI	↓	1525	↓	↓	↓	↓	↓	↓	↓							38

Job No: 72174

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other Methanol, 7 = Other DI

Soil: 1, 6, 7 | 1 | 1 | 1 | 1

Water:

Special Instructions

Water Metals Filtered (Yes/No)? _____

	Relinquished by	Company	Date / Time	Received by	Company
1)		Antea Group	3/7/14 1000		TA
2)		TA	3/7/14		TA 3/7 1344
3)		TA	3/7/14 1305		
4)		TA	3/7/14 1430		TA 3/7/14 1430

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

TestAmerica Edison Receipt Temperature and pH Log

Page ____ of ____

Job Number: 72174

Number of Coolers: 4 IR Gun # 5

Temp. Cooler #1 (Deg C) (Raw/Corrected) 0.0 0.1 Temp. Cooler #4 (Deg C) (Raw/Corrected) 0.0 0.1 Temp. Cooler #7 (Deg C) (Raw/Corrected) ____

Temp. Cooler #2 (Deg C) (Raw/Corrected) 0.0 0.1 Temp. Cooler #5 (Deg C) (Raw/Corrected) ____ Temp. Cooler #8 (Deg C) (Raw/Corrected) ____

Temp. Cooler #3 (Deg C) (Raw/Corrected) 0.0 0.1 Temp. Cooler #6 (Deg C) (Raw/Corrected) ____ Temp. Cooler #9 (Deg C) (Raw/Corrected) ____

Sample No.	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	*Metals (pH<2)	Pest (pH 5-9)	PHC (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: ____

Preservative Name/Conc.: ____ Volume of Preservative used (ml): ____

Lot # of Preservative: ____ Expiration Date: ____

Project Manager and the Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 3, 10/8/12

Initials: ____ Date: 3-7-14

Login Sample Receipt Checklist

Client: Antea USA, Inc.

Job Number: 460-72174-1

Login Number: 72174

List Source: TestAmerica Edison

List Number: 1

Creator: Elvie, Cloide

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	161532, 161523, 161524
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.1, 0.1, 0.1, 0.1°C IR#5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	